Appendix A – Consultation Record

407 TRANSITWAY – WEST OF HURONTARIO STREET TO EAST OF HIGHWAY 400

MINISTRY OF TRANSPORTATION - CENTRAL REGION

ONTARIO GOVERNMENT NOTICES

NOTICE OF PUBLIC INFORMATION CENTRE #1

407 Transitway - Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting the Planning, Preliminary Design and Environmental Assessment of the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The Transitway facility will consist of 23 km of runningway and several stations that will include parking facilities, transit integration and other amenities. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

THE PROCESS

MTO is carrying out a Planning Study for the 407 Transitway prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives. The Notice of Commencement for the formal TPAP and the Notice regarding the release of study documentation will be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

PUBLIC INFORMATION CENTRE (PIC) # 1

PICs will be held at two (2) key milestones during the study. The first PIC will be held at the following two locations:

Date: **December 6, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **December 8, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

The PIC will be an informal drop-in centre. The results of the Planning Study will be displayed including introduction to the Transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and identification of the initially preferred planning alignment and station locations. MTO staff and their consultants will be on hand to answer any questions and to receive your input. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail. Notification of the second PIC will also be published in local newspapers.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the *Environmental Assessment Act.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
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Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

AVIS DU CENTRE D'INFORMATION N° 1

Voie réservée 407 de la rue Hurontario jusqu'à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue la planification, la conception préliminaire et l'évaluation environnementale de la voie réservée 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprend un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute 407. La voie réservée sera composée de 23 km de voie de roulement et de nombreuses stations, l'intégration du transport en commun et d'autres commodités. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.

LE PROCESSUS

Le ministère des Transports réalise une étude de planification pour la voie réservée 407 avant de lancer le processus d'évaluation des projets de transport en commun conformément à la loi *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. L'étude de planification comprend un examen des conditions existantes, une étude des prévisions d'achalandage et du plan de service, ainsi qu'une évaluation des possibles alignements et autres emplacements des stations de la voie réservée. L'avis de commencement pour le processus d'évaluation formel et l'avis concernant la divulgation de la documentation de l'étude seront publiés plus tard dans les journaux locaux. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CENTRE D'INFORMATION N° 1

Les centres d'information auront lieu à deux (2) étapes importantes de l'étude. Le premier centre se tiendra aux deux emplacements suivants :

Date : **6 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **8 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information sera un événement sans rendez-vous. Les résultats de l'étude de planification seront affichés, y compris la présentation de la voie réservée aux transports en commun, les conditions existantes, les prévisions d'achalandage, les plans de services possibles, les alignements et les autres emplacements possibles des stations, ainsi que l'identification de l'alignement du plan et des emplacements des stations préférés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires. Un deuxième centre d'information aura lieu plus tard afin de présenter l'alignement de l'itinéraire et les stations préférables d'un point de vue technique, les possibles répercussions environnementales et les mesures d'atténuation prescrites pour une conception préliminaire. L'avis du deuxième centre d'information sera également publié dans les journaux locaux.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et renseignements concernant cette étude seront recueillis pour aider l'équipe de l'étude à répondre aux exigences de la *Loi sur les évaluations environnementales*. Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée*. Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
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Ontario

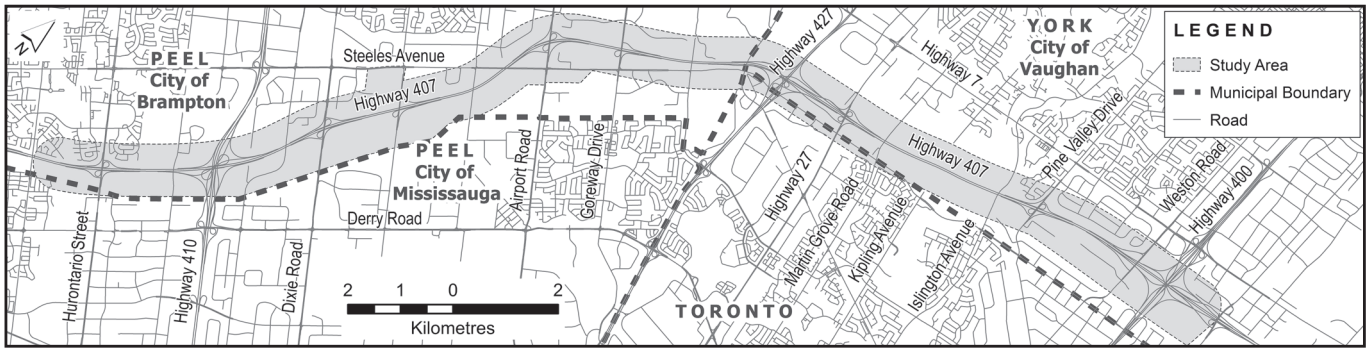
NOTICE OF PUBLIC INFORMATION CENTRE #2

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running along the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. Additional sites within the study area will also be protected in the vicinity of Hurontario Street, Kennedy Road/Tomken Road, Torbram Road, Martin Grove Road, and Weston Road. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed in accordance with the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* As part of the TPAP, an Environmental Project Report will be prepared. The study is currently in the pre-TPAP Phase. The Notice of Commencement for the formal 120-day consultation and documentation TPAP period as well as the Notice regarding the release of the final Environmental Project Report will be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

Members of the public, landowners, agencies and other interested parties are encouraged to participate actively in the study by attending consultation activities or contacting the Project Team directly with information, comments or questions. A Public Information Centre (PIC) was held in December 2016. It presented an introduction to the transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and the initially preferred alignment and station locations.

PUBLIC INFORMATION CENTRE (PIC) # 2

PIC #2 will be held at the following two locations:

Date: **January 23, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **January 25, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

PIC #2 will be an informal drop-in centre. The technically preferred route alignment and stations, potential environmental impacts and mitigation measures will be presented. MTO staff and their consultants will be on hand to answer any questions and to receive your input.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of the *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

Please send any comments or requests to any of the following:

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Ontario

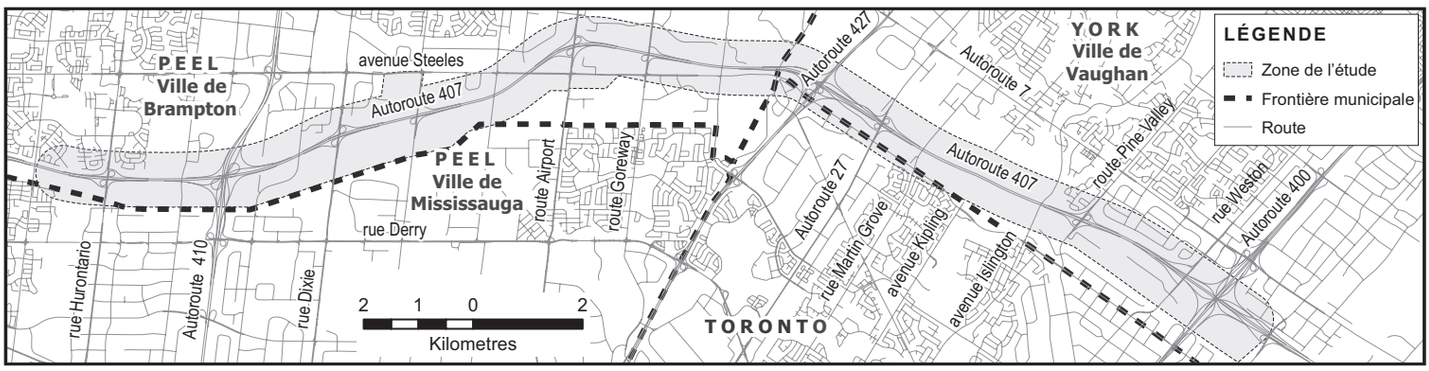
AVIS DU CENTRE D'INFORMATION N° 2

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, Ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue une étude sur la rue piétons-autobus 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. D'autres sites inclus dans la zone d'étude seront aussi protégés dans les environs des rues Hurontario, Kennedy/Tomken, Torbram, Martin Grove et Weston. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au Processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Dans le cadre de ce processus, un rapport de projet environnemental sera préparé. L'étude en est actuellement à la phase préalable au Processus d'évaluation des projets de transport en commun. L'avis de commencement pour la période officielle de consultation et de documentation de 120 jours du processus ainsi que l'avis concernant la publication du rapport de projet environnemental final seront publiés séparément dans les journaux locaux à une date ultérieure. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

Les membres du public, les propriétaires fonciers, les organismes et les autres parties intéressées sont invités à prendre part activement à l'étude en participant aux activités de consultation ou en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions. Un centre d'information public a eu lieu en décembre 2016. Durant cette séance a eu lieu une présentation de la rue piétons-autobus, des conditions existantes, des prévisions relatives à l'achalandage, des plans de service possibles, des harmonisations potentielles, des emplacements de rechange pour les stations, de l'harmonisation initiale de préférence et des emplacements des stations.

CENTRE D'INFORMATION N° 2

Le deuxième centre se tiendra aux deux emplacements suivants :

Date : **23 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **25 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information n° 2 sera un événement sans inscription. L'harmonisation des itinéraires et les stations techniquement retenues, les impacts environnementaux possibles et les mesures d'atténuation y seront présentés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et l'information concernant cette étude sont recueillis pour aider l'équipe du projet à respecter les exigences du *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

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Ontario

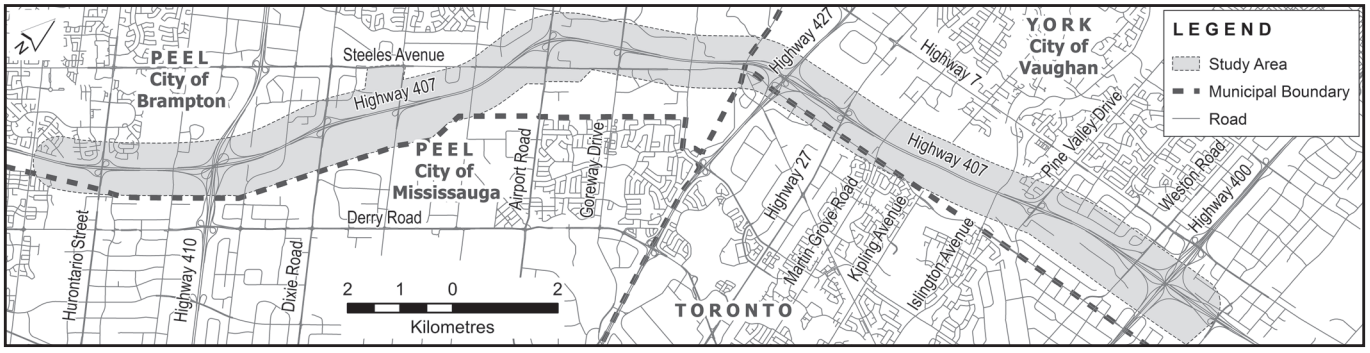
NOTICE OF COMMENCEMENT OF TRANSIT PROJECT ASSESSMENT PROCESS

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* This Notice of Commencement marks the beginning of the formal 120-day consultation and documentation TPAP period, starting **April 25, 2018,** and ending when the Notice of Completion is issued. As part of the TPAP, an Environmental Project Report is being prepared. The Notice of Completion (with information on the release of the final Environmental Project Report) will be published separately in local newspapers at the end of the 120-day period. All information produced as part of this study is available at **www.407transitway.com.**

CONSULTATION

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018. Members of the public, landowners, Indigenous Communities, agencies and other interested parties are encouraged to participate actively in the TPAP by contacting the Project Team directly with information, comments or questions.

If you would like to be added to the project mailing list, or have project-related questions, please contact any of the following Project Team members:

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All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act.* Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Project Officer or the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

First published on **April 25, 2018.**

Ontario

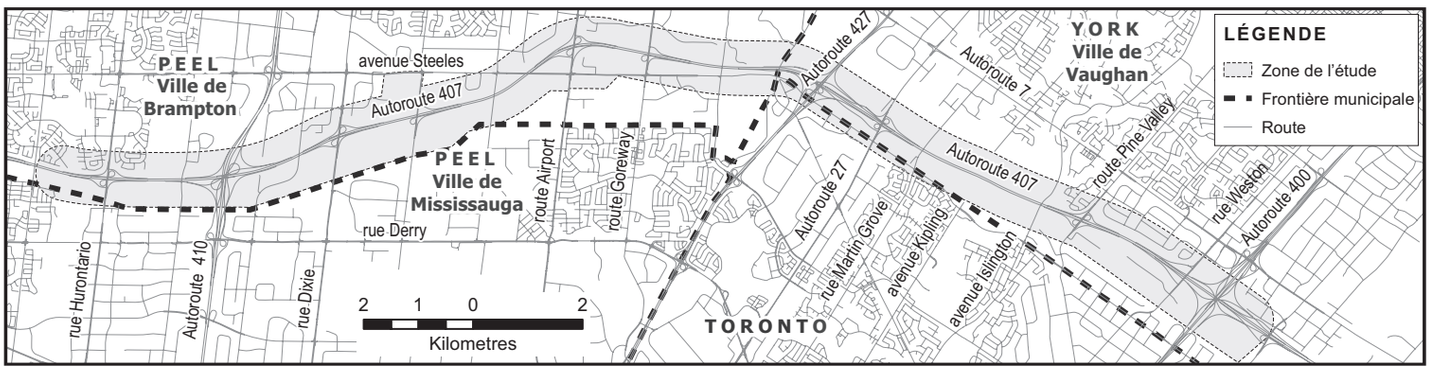
AVIS DE COMMENCEMENT DU PROCESSUS D'ÉVALUATION DES PROJETS DE TRANSPORT EN COMMUN

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario (MTO)** effectue une étude sur la rue piétons-autobus 407 à partir de l'ouest de la rue Hurontario à la frontière des villes de Brampton et de Mississauga jusqu'à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive parallèle au corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. Un certain nombre de sites supplémentaires dans la zone d'étude seront également protégés pour une compensation environnementale. Sous réserve des conclusions de l'étude, la voie réservée 407 sera mise en place d'abord comme une voie de service rapide par bus (SRB).

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Le présent avis de commencement marque le début de la période officielle de consultation et de documentation de 120 jours du processus d'évaluation des projets de transport en commun, qui aura lieu du **25 avril 2018** jusqu'à la publication de l'avis d'achèvement. Un rapport de projet environnemental sera préparé dans le cadre de ce processus. L'avis d'achèvement (qui contiendra l'information relative à la publication du rapport de projet environnemental final) sera publié séparément dans les journaux locaux à la fin de la période de 120 jours. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CONSULTATION

Jusqu'à maintenant, l'équipe du projet a fait participer activement le public, les propriétaires fonciers, les communautés autochtones et divers organismes. Depuis l'automne 2015, des assemblées ont eu lieu et des commentaires d'intervenants ont été recueillis. Deux centres d'information ont été organisés les 6 et 8 décembre 2016 et les 23 et 25 janvier 2018. Les membres du public, les propriétaires fonciers, les communautés autochtones, les organismes et les autres parties intéressées sont invités à prendre part activement au processus d'évaluation des projets de transport en commun en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions.

Si vous voulez être ajouté à la liste de distribution du projet ou si vous avez des questions à propos du projet, veuillez prendre contact avec l'un des membres de l'équipe du projet ci-dessous :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
Planificateur environnemental principal du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-6701
téléc. : 416 235-3446
courriel : larry.sarris@ontario.ca

Chris Bishop
Chargé de projet de firme de conseils
Parsons
625, promenade Cochrane, suite 500
Markham (Ontario) L3R 9R9
tél. : 905 917-3201
courriel : chris.bishop@parsons.com

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Tous les renseignements personnels inclus dans une soumission, tels que le nom, l'adresse, le numéro de téléphone et l'emplacement de la propriété, sont recueillis, conservés et divulgués par le ministère de l'Environnement et de l'Action en matière de changement climatique à des fins de transparence et de consultation. Cette information est recueillie en vertu de la *Loi sur les évaluations environnementales* ou recueillie et conservée en vue de la création d'un dossier accessible au grand public, comme cela est inscrit à l'article 37 de la *Loi sur l'accès à l'information et la protection de la vie privée.* Les renseignements personnels feront partie d'un dossier public qui sera à la disposition du grand public, sauf si vous demandez qu'ils soient tenus confidentiels. Pour de plus amples renseignements, veuillez prendre contact avec l'agent(e) de projet ou la coordonnatrice ou le coordonnateur de l'accès à l'information et de la protection de la vie privée du ministère de l'Environnement et de l'Action en matière de changement climatique au 416 327-1434. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Première publication le **25 avril 2018.**

Ontario

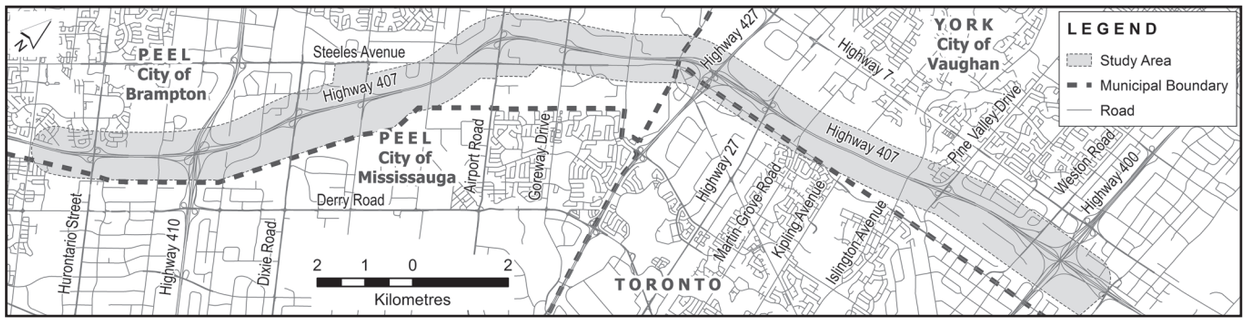
NOTICE OF COMPLETION OF ENVIRONMENTAL PROJECT REPORT

407 Transitway, Hurontario Street to Highway 400 – Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** has completed an Environmental Project Report in accordance with *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility consists of 23.7 km of a runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area are also being protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



The Process

The environmental impact of this transit project was assessed and an Environmental Project Report has been prepared according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.*

The Environmental Project Report for the 407 Transitway is now available for a 30-day review period starting **August 23, 2018** at the following locations:

Ministry of the Environment, Conservation and Parks
Environmental Assessment and Permissions Branch
135 St. Clair Avenue West, Toronto, ON M4V 1P5
tel: 416-314-8001 or 1-800-461-6290
Monday to Friday: 8:30 a.m. - 5:00 p.m.

Ministry of the Environment, Conservation and Parks
Halton-Peel MECP District Office
Suite 300, 4145 North Service Road, Burlington, ON L7L 6A3
tel: 905-319-3847 or 1-800-335-5906
Monday to Friday: 9:00 a.m. - 5:00 p.m.

Brampton Public Library - Chinguacousy Branch
150 Central Park Drive, Brampton, ON L6T 1B4
Monday to Thursday: 10:00 a.m. - 9:00 p.m.
Friday: 10:00 a.m. - 6:00 p.m.
Saturday: 10:00 a.m. - 5:00 p.m.
Sunday: 1:00 p.m. - 5:00 p.m.

City of Brampton - Brampton City Hall
Information Desk, 2 Wellington Street West
Brampton, ON L6Y 4R2
Monday to Friday: 8:30 a.m. - 4:30 p.m.

City of Vaughan - Vaughan City Hall
2141 Major Mackenzie Drive
Vaughan, ON L6A 1T1
Monday to Friday: 8:30 a.m. - 4:30 p.m.

Ministry of Transportation - Central Region
159 Sir William Hearst Avenue, 3rd Floor, Building D
Toronto, ON M3M 0B7
Monday to Friday: 8:30 a.m. - 4:30 p.m.

The Environmental Project Report is also available for download at **www.407Transitway.com.**

Interested persons are encouraged to review this document and provide comments by **September 24, 2018** to the project contacts listed below:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Chris Bishop
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9
tel: 905-917-3201
e-mail: chris.bishop@parsons.com

There are circumstances where the Minister of the Environment, Conservation and Parks has the authority to require further consideration of the transit project, or impose conditions on it. These include if the Minister is of the opinion that:

- The transit project may have a negative impact on a matter of provincial importance that relates to the natural environment or has cultural heritage value or interest; or,
- The transit project may have a negative impact on a constitutionally protected Indigenous Community or treaty right.

Before exercising the authority referred to above, the Minister is required to consider any written objections to the transit project that he or she may receive within 30 days after the Notice of Completion of Environmental Project Report is first published.

If you have discussed your issues with the proponent and you object to the identified change to the project, you can provide a written submission to the Minister of the Environment, Conservation and Parks no later than **September 24, 2018** to the address provided below. All submissions must clearly indicate that an objection is being submitted and describe any negative impacts to matters of provincial importance (natural/cultural environment) or Indigenous Community rights.

Environmental Approvals & Permissions Branch
Ministry of the Environment, Conservation and Parks
Environmental Assessment Services Section
135 St. Clair Avenue West, 7th Floor, Toronto, ON M4V 1P5
Attention: Yves Dagssie, Special Project Officer
tel: 416-314-7222 or 1-800-461-6290 / fax: 416-314-8452
e-mail: EAASIBGen@ontario.ca

If not already provided, a copy of the objection will be forwarded to the proponent by the ministry.

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act.* Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Special Project Officer or the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-327-1434. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

First Published on August 23, 2018.

Ontario

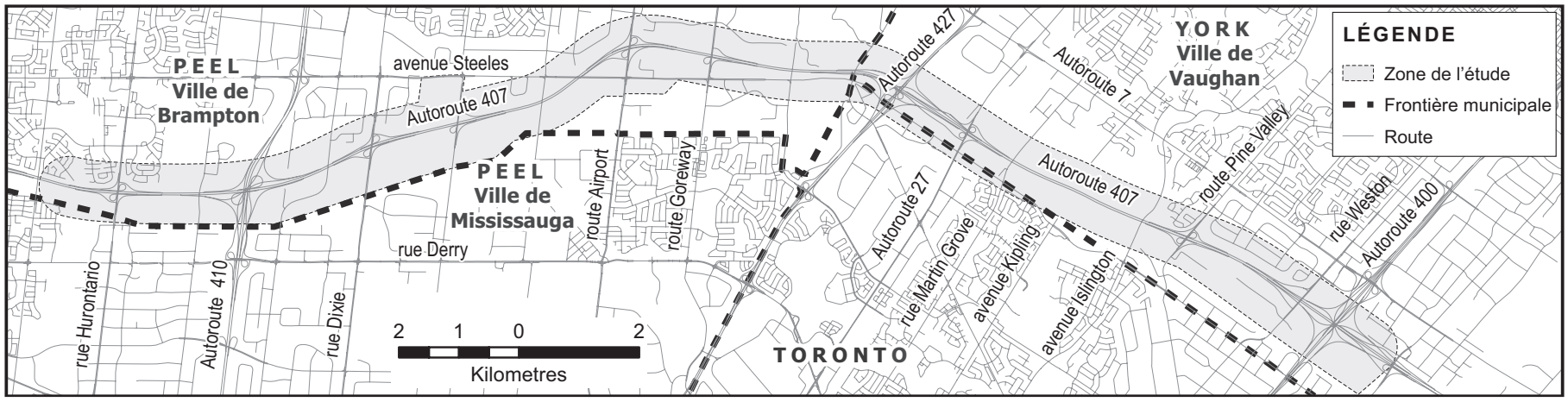
AVIS D'ACHÈVEMENT DU RAPPORT DE PROJET ENVIRONNEMENTAL

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario (MTO)** a terminé le rapport de projet environnemental conformément au *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings* pour la rue piétons-autobus 407 de l'ouest de la rue Hurontario à la frontière des villes de Brampton et de Mississauga jusqu'à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprend un réseau de transport en commun entièrement séparé sur une voie exclusive parallèle au corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus sont composées de 23,7 km de voie de roulement et de sept stations, soit les stations de la rue Hurontario, de la rue Dixie, de la rue Airport, de la rue Goreway, de l'autoroute 50, de l'autoroute 27 et de la rue Pine Valley. Un certain nombre de sites supplémentaires dans la zone de l'étude sont également protégés à des fins d'indemnisation environnementale. Sous réserve des conclusions de l'étude, la voie réservée 407 sera mise en place d'abord comme une voie de service rapide par bus (SRB).

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun a été évalué et un rapport de projet environnemental a été préparé conformément au processus d'évaluation des projets de transport en commun, prévu dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.*

Le rapport de projet environnemental pour la rue piétons-autobus 407 est maintenant accessible pour une période d'examen de 30 jours commençant le **23 août 2018** aux emplacements suivants :

Ministère de l'Environnement, de la Protection de la nature et des Parcs
Direction des évaluations et des permissions environnementales
135, avenue St. Clair Ouest
Toronto (Ontario) M4V 1P5
tél. : 416 314-8001 ou 1 800 461-6290
Du lundi au vendredi : 8 h 30 à 17 h

Ministère de l'Environnement, de la Protection de la nature et des Parcs
Bureau de district de Halton-Peel
Bureau 300, 4145, rue North Service
Burlington (Ontario) L7L 6A3
tél. : 905 319-3847 ou 1 800 335-5906
Du lundi au vendredi : 9 h à 17 h

Bibliothèque publique de Brampton
Succursale de Chinguacousy
150, rue Central Park, Brampton (Ontario) L6T 1B4
Du lundi au jeudi : 10 h à 21 h
Vendredi : 10 h à 18 h
Samedi : 10 h à 17 h
Dimanche : 13 h à 17 h

Ville de Brampton – Hôtel de Ville de Brampton
Bureau d'information, 2, rue Wellington Ouest
Brampton (Ontario) L6Y 4R2
Du lundi au vendredi : 8 h 30 à 16 h 30

Ville de Vaughan – Hôtel de Ville de Vaughan
2141, rue Major Mackenzie
Vaughan (Ontario) L6A 1T1
Du lundi au vendredi : 8 h 30 à 16 h 30

Ministère des Transports, région du Centre
159, avenue Sir William Hearst, 3e étage, bâtiment D
Toronto (Ontario) M3M 0B7
Du lundi au vendredi : 8 h 30 à 16 h 30

Le rapport de projet environnemental peut également être téléchargé au **www.407Transitway.com.**

Les personnes intéressées sont invitées à consulter ce document et à fournir leurs commentaires au plus tard le **24 septembre 2018** aux personnes-ressources du projet ci-dessous :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Service de la planification et de la conception
159, avenue Sir William Hearst, 4e étage, Toronto (Ontario) M3M 0B7
tél. : 416 235-5255 / téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Chris Bishop
Chargé de projet de firme de conseils
Parsons
625, route Cochrane, bureau 500
Markham (Ontario) L3R 9R9
tél. : 905 917-3201
courriel : chris.bishop@parsons.com

Dans certaines circonstances, le ministre de l'Environnement, de la Protection de la nature et des Parcs a l'autorité pour demander un examen approfondi d'un projet de transport en commun ou imposer des conditions sur le projet. Il s'agit de situations lors desquelles le ministre croit que :

- le projet pourrait avoir une incidence négative sur une question d'importance provinciale en lien avec l'environnement naturel, ou s'il possède une valeur ou un intérêt culturel;
- le projet pourrait avoir une incidence négative sur une communauté autochtone bénéficiant d'une protection constitutionnelle ou sur un droit conféré par traité.

Avant d'exercer ce droit susmentionné, le ministre doit tenir compte de toutes les objections écrites concernant le projet de transport en commun qu'il pourrait recevoir durant les 30 jours suivant la première publication de l'avis d'achèvement du rapport de projet environnemental.

Si vous avez discuté de vos préoccupations avec le promoteur et que vous vous opposez au changement concernant ce projet, vous pouvez fournir une demande écrite au ministre de l'Environnement, de la Protection de la nature et des Parcs au plus tard le **24 septembre 2018** à l'adresse mentionnée ci-dessous. Toutes les demandes doivent clairement préciser qu'une objection est déposée et décrire tous les effets négatifs sur des questions d'importance provinciale (environnement naturel ou culturel) ou les droits des communautés autochtones.

Direction des évaluations et des permissions environnementales
Ministère de l'Environnement, de la Protection de la nature et des Parcs - Section des évaluations environnementales
135, avenue St. Clair Ouest, 7e étage
Toronto (Ontario) M4V 1P5
À l'attention de : Yves Dagssie, agent des projets spéciaux
tél. : 416 314-7222 ou 1 800 461-6290
téléc. : 416 314-8452
courriel : EAASIBGen@ontario.ca

Si elle ne lui a pas été fournie, une copie de l'objection sera transmise par le ministère au promoteur du projet.

Tous les renseignements personnels inclus dans une soumission, tels que le nom, l'adresse, le numéro de téléphone et l'emplacement de la propriété, sont recueillis, conservés et divulgués par le ministère de l'Environnement, de la Protection de la nature et des Parcs à des fins de transparence et de consultation. Ces renseignements sont recueillis en vertu de la *Loi sur les évaluations environnementales* ou sont recueillis et conservés en vue de créer un dossier qui sera mis à la disposition du grand public, comme le décrit l'article 37 de la *Loi sur l'accès à l'information et la protection de la vie privée.* Les renseignements personnels feront partie d'un dossier public qui sera à la disposition du grand public, sauf si vous demandez qu'ils soient tenus confidentiels. Pour de plus amples renseignements, veuillez prendre contact avec l'agent(e) des projets spéciaux ou la coordonnatrice ou le coordonnateur de l'accès à l'information et de la protection de la vie privée du ministère de l'Environnement, de la Protection de la nature et des Parcs au 416 327-1434. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Première publication le 23 août 2018.

Ontario

PIC #1 DISPLAY PANELS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

PUBLIC INFORMATION CENTRE #1

407 Transitway

BRAMPTON PUBLIC INFORMATION CENTRE

Date: December 6, 2016
Time: 4:00 p.m. to 8:00 p m.
Location: Greenbriar Recreation Centre
1100 Central Park Drive
Brampton, Ontario L6S 2C9

WOODBRIDGE PUBLIC INFORMATION CENTRE

Date: December 8, 2016
Time: 4:00 p.m. to 8:00 p.m.
Location: Woodbridge Pool and Memorial Arena
5020 Highway 7
Woodbridge, Ontario L4L 1T1

PROJECT WEBSITE: 407Transitway.com

Ontario

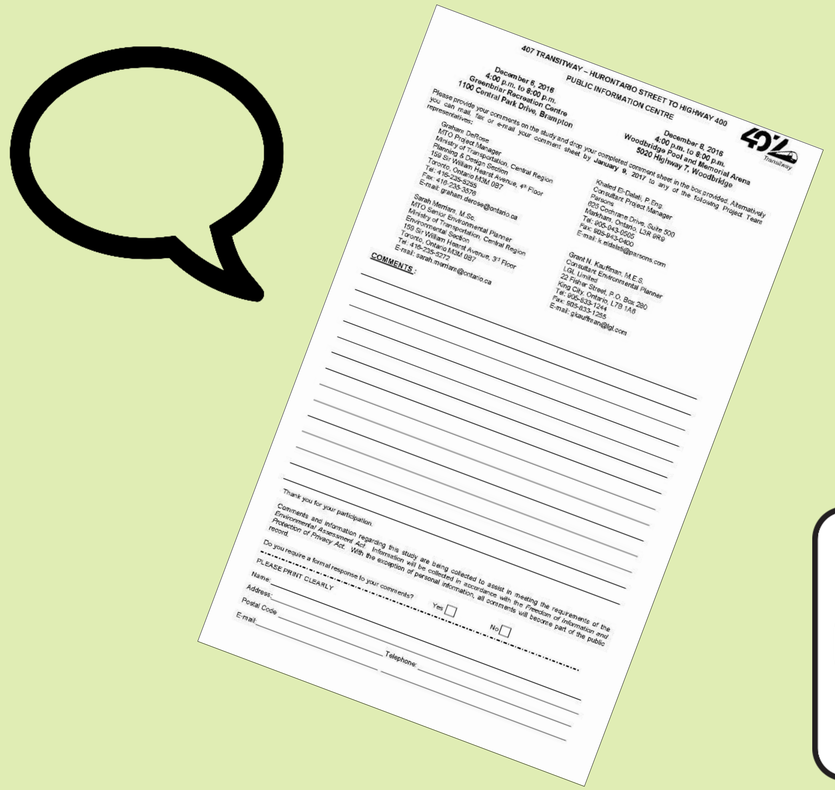
The Purpose of Public Information Centre #1

- Introduce the 407 Transitway project to the Public.
- Present planning alignment and station alternatives.
- Present initial alternative recommendations.
- Present alternatives evaluation criteria and methodology being applied.
- Obtain feed-back from the Public.

Project Website: **407Transitway.com**

How can you comment?

1. Fill out a comment sheet.
2. Place a post-it with comments on any of the presentation boards.

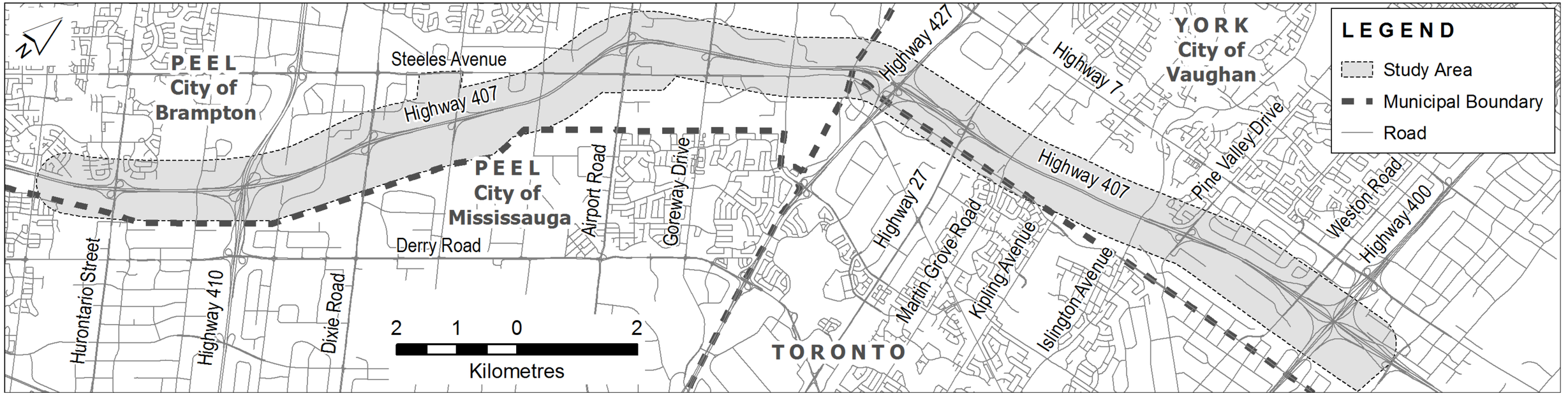


Comments would be appreciated by January 9th, 2017

What is the 407 Transitway?

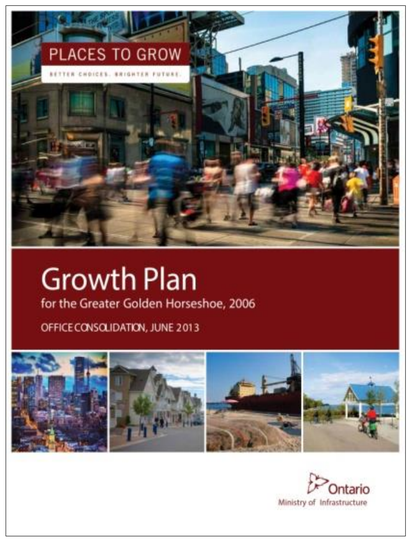
- Exclusive right-of-way, fully grade separated rapid transit runningway (Bus Rapid Transit - BRT or Light Rail Transit - LRT) parallel to Highway 407.
- The 407 Transitway will connect Burlington to Highway 35/115, a length of 150 km, with up to 50 surface stations.
- Study limits for this Section: West of Hurontario Street to east of Highway 400.

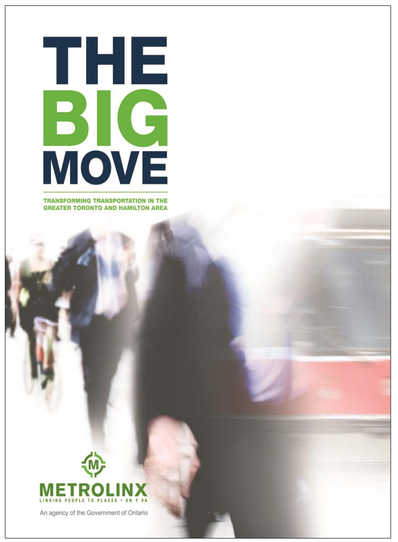
Ottawa BRT

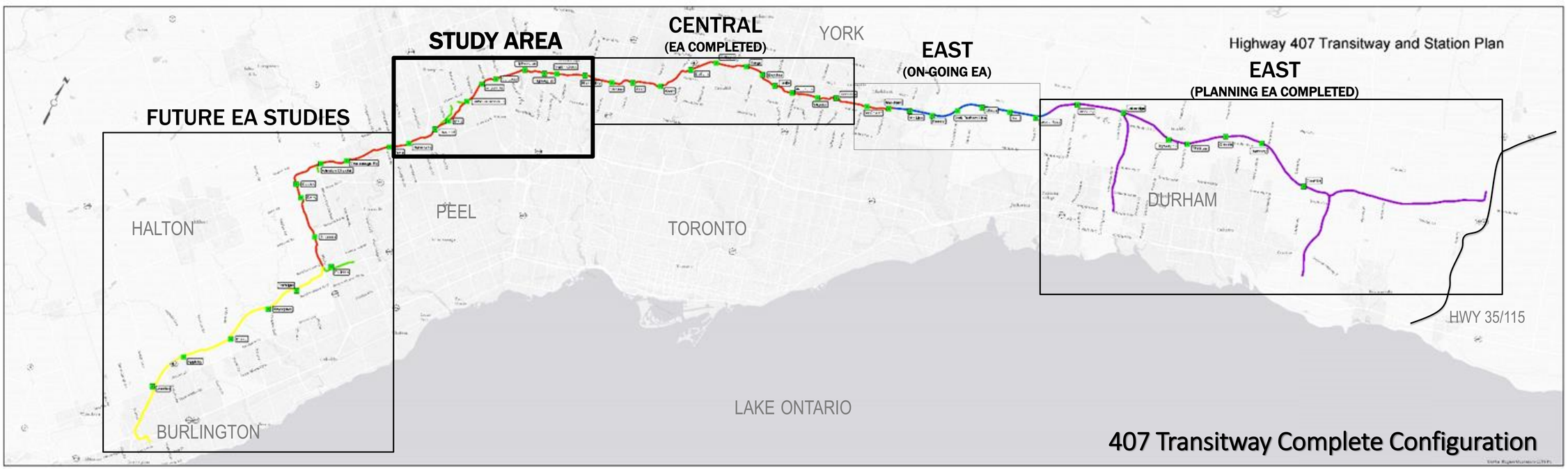


What is Driving the 407 Transitway Project?

- The 407 Transitway will support current and future Greater Toronto and Hamilton Area rapid transit policies and initiatives.
- *It will* enhance east-west cross-regional mobility and increase transit capacity to meet forecasted travel demand.
- *It will* offer a viable, cost-effective way of moving people in the Highway 407 corridor.
- *It will* improve accessibility to existing/planned major urban centres/nodes, post secondary educational institutions, and other places of high demand.
- *It will* increase integration with regional transportation networks.
- *It will* reduce automobile dependence and green house gas emissions.
- *It will* alleviate congestion on Highway 407.
- The project builds on extensive work completed to date and will define the Transitway footprint and property requirements, address environmental impacts and receive Environmental Assessment approval.







Schedule & Process

Step 1
Planning Stage

- Identify Existing Conditions
- Develop Design Alternatives
- Evaluate Planning Alternatives
- Environmental Field Investigations
- Develop Preferred Concept

Existing Conditions & Ridership Analysis

Public Information Centre 1

WE ARE HERE

Step 2
Transit Project Assessment Process (TPAP)

Regulated Timeline 120 Days | **30 Days** | **35 Days**

- **Notice of Commencement**
- **Assessment Process**
  1. Confirm Preferred Alternatives
  2. Confirm Potential Effects & Mitigation Measures
- **Environmental Project Report Document**
- **Notice of Completion**
- **Public Review**
- **Minister's Decision**
- **Statement of Completion**

Public Information Centre 2

Environmental Assessment Project Approval (can proceed to Detail Design)

2016 | **2017** | **2018**

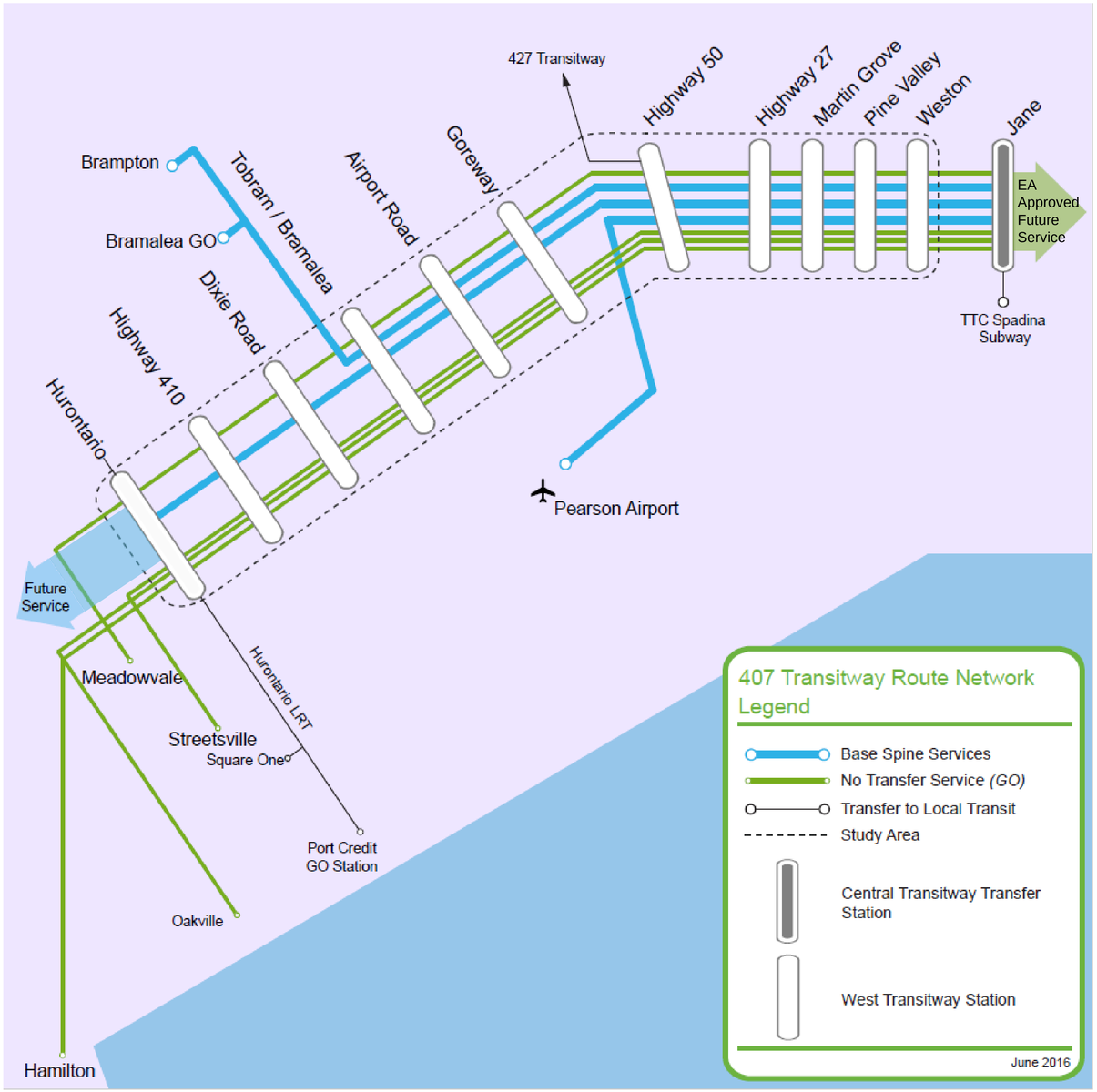
Service Concept

Extend the 407 Transitway operating concept:

- **Spine services:** Services that operate exclusively on the Transitway including some express routes.
- **No-transfer services (Interlining):** Designed to provide one-seat rides between major nodes and residential areas. Routes include portions both on and off the Transitway.
- Transitway operating speed is 100km/h between stations.

Nodes served by Transitway:

- Urban Growth Centres (Brampton, Vaughan, Richmond Hill, Markham, Downtown Oshawa, and Pickering).
- Post Secondary Institutions (York University, UOIT, Durham College, York University Keele Campus, York University Markham Campus).
- Transit Connections (Bramalea GO, MiWay, Brampton Züm, YRT, VIVA, TTC, HuLRT).

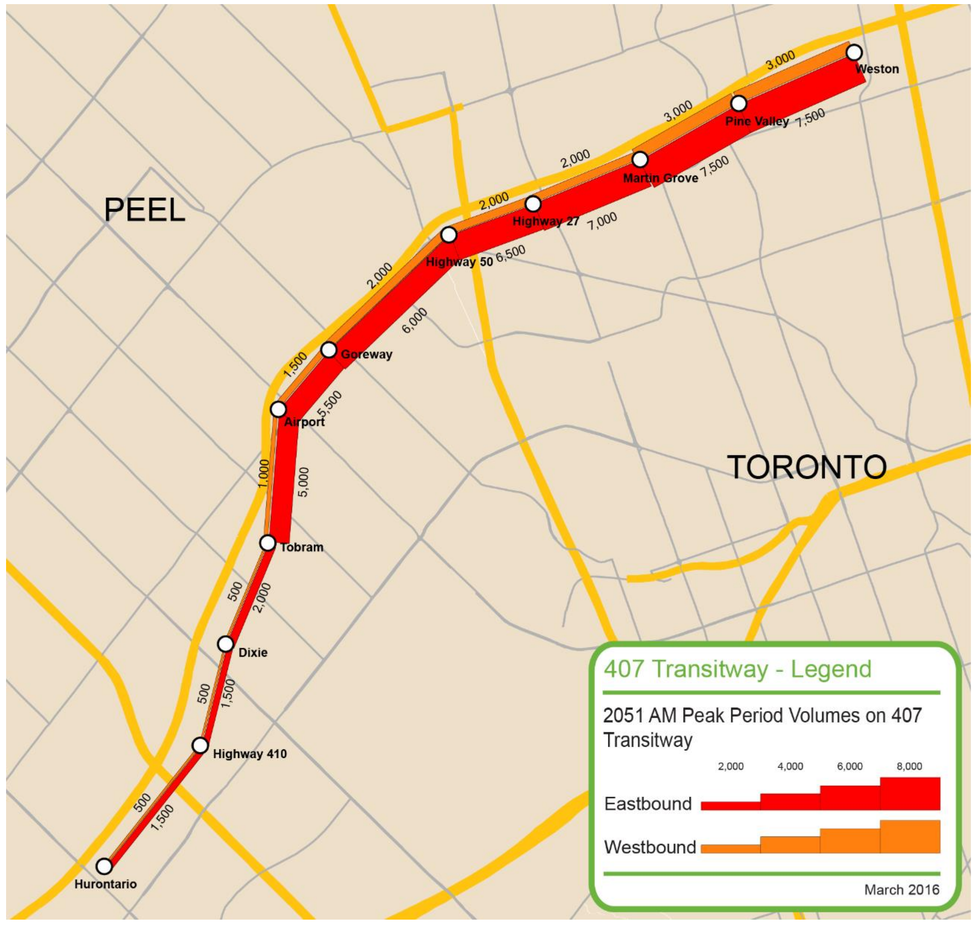


Schematic Transit Service Diagram for 407 Transitway

2051 AM Projected Peak Period Ridership

2051* AM Peak Hour Ridership on 407 Transitway, from Hurontario to Highway 400:

- AM Peak ridership projection of 7,500 riders.
    - Supports Bus Rapid Transit (in North America, BRT is typically used when ridership is 2,500 to 10,000)
    - Protect for long-term LRT (beyond 2051, to be considered when ridership exceeds 10,000).
- 80% of passengers traveling eastbound during morning commute hours.
- This section of the Transitway supports park-and-ride and interlining (no-transfer) services.



*2051 ridership forecast figures used are a projection of the official 2041 forecast population growth figures.

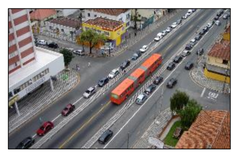
What does 7,500 Riders mean?

407 TRANSITWAY

0 — 4,000 — 6,000 ★ 10,000 +

Bus Mixed Traffic

Dual Bus Lanes



Grade Separated Busway

Light Rail Transit

Environmental Considerations

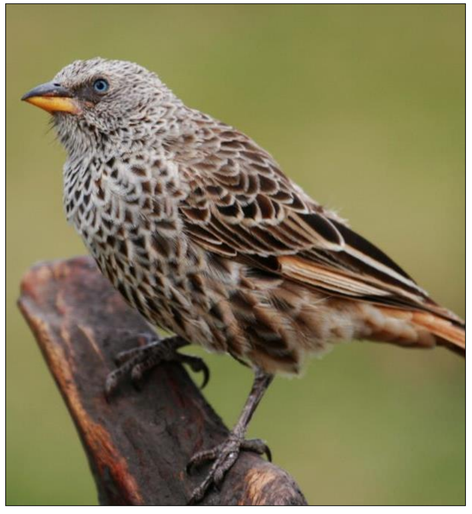
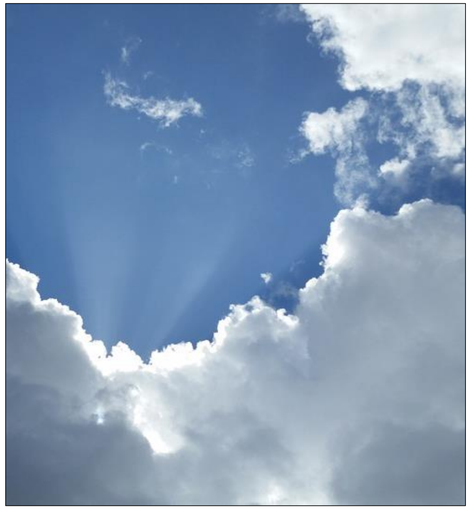
Existing Conditions:

4 main watersheds – Credit River, Etobicoke Creek, Mimico Creek and Humber River.

- 23 watercourse crossings potentially impacted.
- Species at risk - two wildlife species at risk observed during field investigations including Eastern Wood Peewee and Barn Swallow.
- Potential wildlife habitat exists to support a number of wildlife species at risk.
- One *Area of Natural and Scientific Interest* (Woodbridge Pleistocene Cut Earth Science ANSI) and one *Environmentally Significant/Sensitive Area* (Woodbridge Cut ESA).
- Presence of previously registered archaeological sites and cultural heritage sites.

Environmental Field Investigations, Impact Assessment and Development of Protection/Mitigation Measures to Occur in 2016 and 2017:

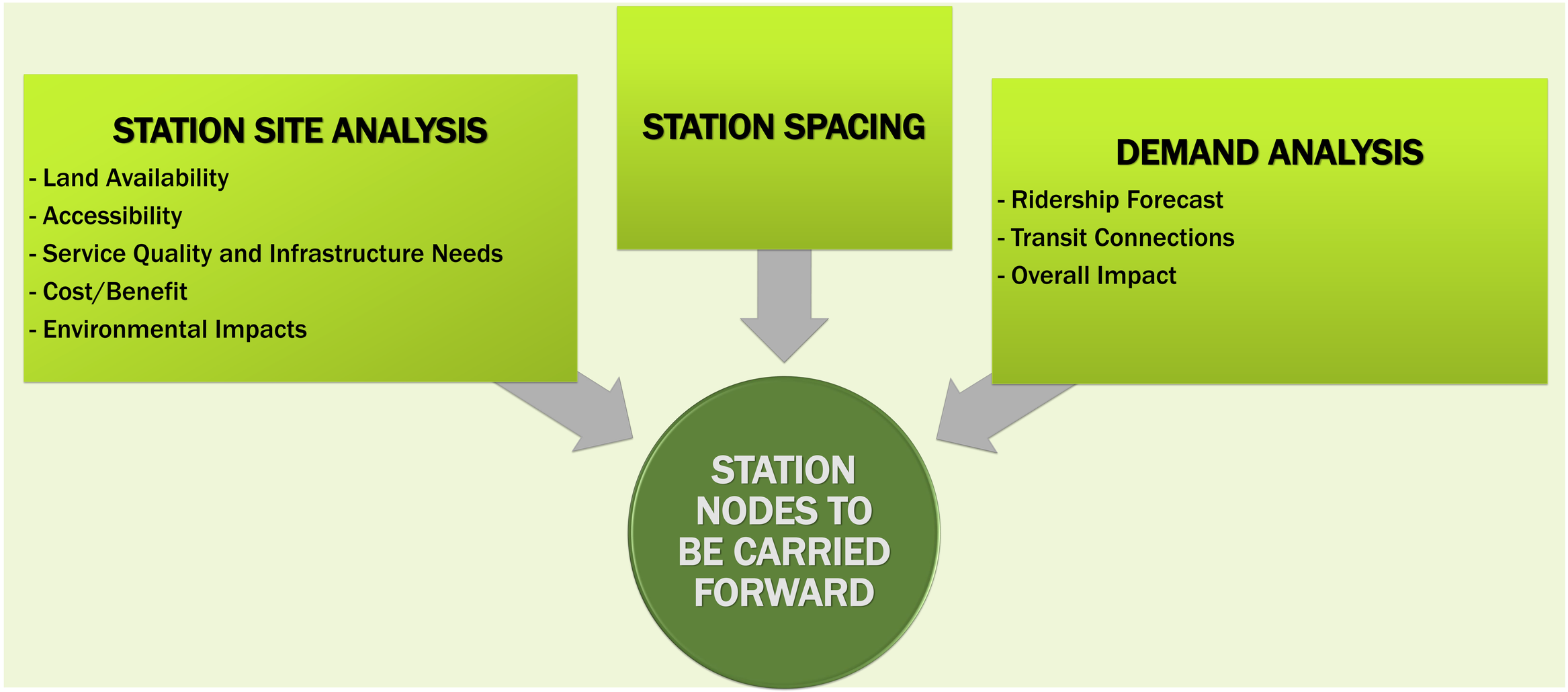
- Natural Sciences (fisheries and terrestrial ecosystems)
- Landscape Composition
- Archaeology
- Cultural Heritage
- Noise
- Air Quality
- Groundwater
- Contaminated Property and Waste
- Land Use/Socio-Economics
- Hydrology

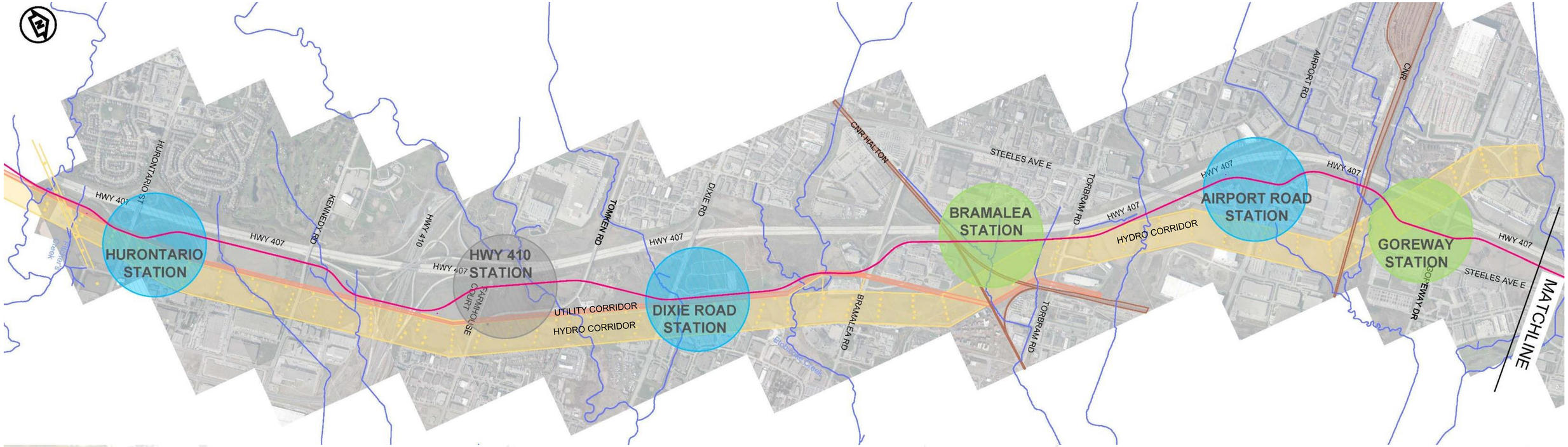
Screening of Station Locations

STEP 1: Start with Stations at all important arterial road crossings with 407 ETR.

STEP 2: Screen stations based on ridership, land availability, environmental impacts, accessibility and proximity to adjacent stations.



Transitway Corridor and Candidate Station Nodes



Hurontario Station
Selected

- Highest demand of all stations
- Connects to future Hurontario LRT

Hwy 410 Station
Not Selected

- Low demand
- Limited land availability
- Limited access opportunities

Dixie Road Station
Selected

- High future demand potential
- Feasible accessibility

Bramalea Station
Conditionally Selected

- Most demand from interlining
- Low demand for local access

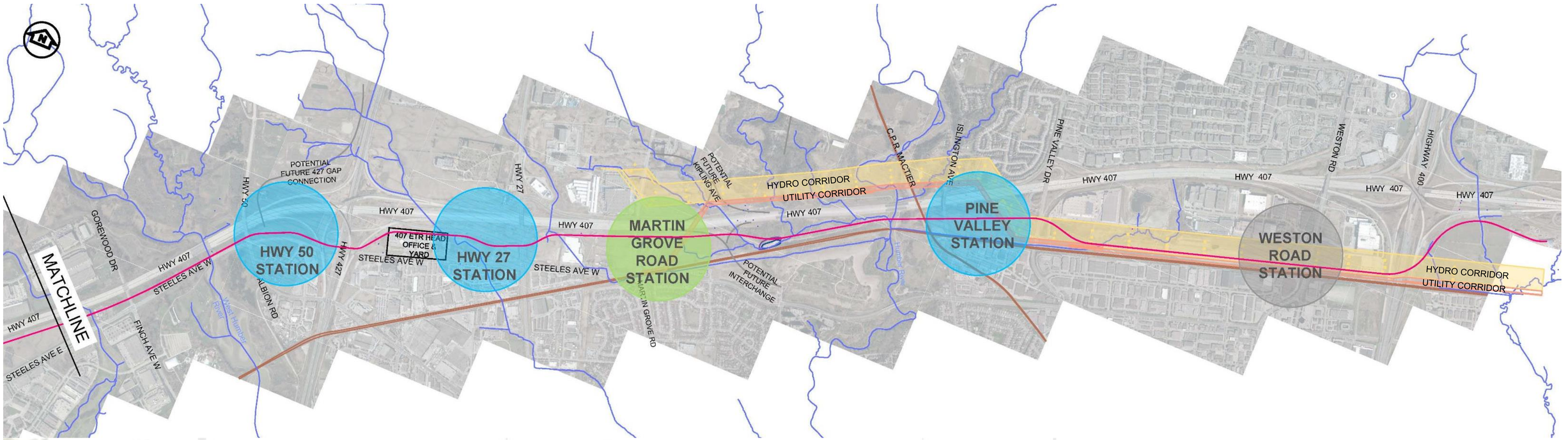
Airport Road Station
Selected

- High demand
- Limited land availability

Goreway Station
Conditionally Selected

- Moderate demand
- Very close to Airport Road Station
- May relieve high demand at Airport Road Station

Transitway Corridor and Candidate Station Nodes



Hwy 50 Station
Selected

- High demand
- Connects to future 427 Transitway

Hwy 27 Station
Selected

- High demand

Martin Grove Road Station
Conditionally Selected

- Moderate demand
- May relieve high demand at Hwy 27 Station

Pine Valley Station
Selected

- Moderate demand
- Long distance to next station (6 km to Jane Station)

Weston Road Station
Not Selected

- Low demand
- No right of way availability for stop platforms
- Limited space for station facilities
- Limited access opportunities
- Close proximity to Jane Station

Evaluate Planning Alignment and Station Site Alternatives

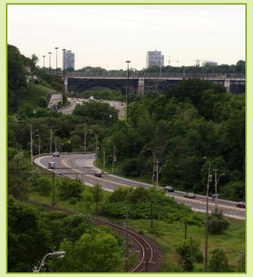
STEP 1: Identify all possible station sites in the areas of the selected nodes, and alignments linking the station site alternatives.

STEP 2: Evaluate all planning alternatives based on Service Quality and Infrastructure Considerations and on Environmental Impacts.

ENVIRONMENT

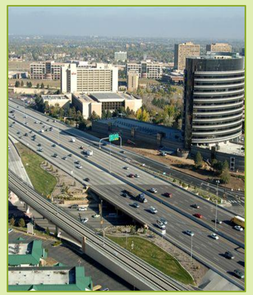
Natural

- Landform/ Features
- Hydrology, Geology and Hydrogeology
- Species/ Habitat at Risk
- Natural heritage resources



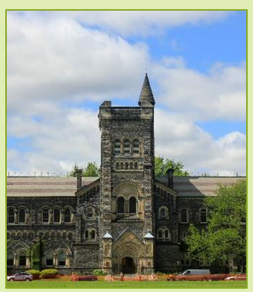
Social

- Property
- Noise and Air Quality Impacts
- Construction Staging Impacts
- Land Use Compatibility with Provincial and Municipal Plans and Policies



Cultural

- Archeological Potential Effects
- First Nation Lands



SERVICE QUALITY AND INFRASTRUCTURE

Transitway Operation

- Transitway Alignment (Safety, Ride Comfort, Travel Time)
- Suitability for Staged Implementation

Accessibility & Connectivity

- Pedestrian Accessibility and Connectivity
- Vehicular Accessibility
- Transit Connectivity

Site Area

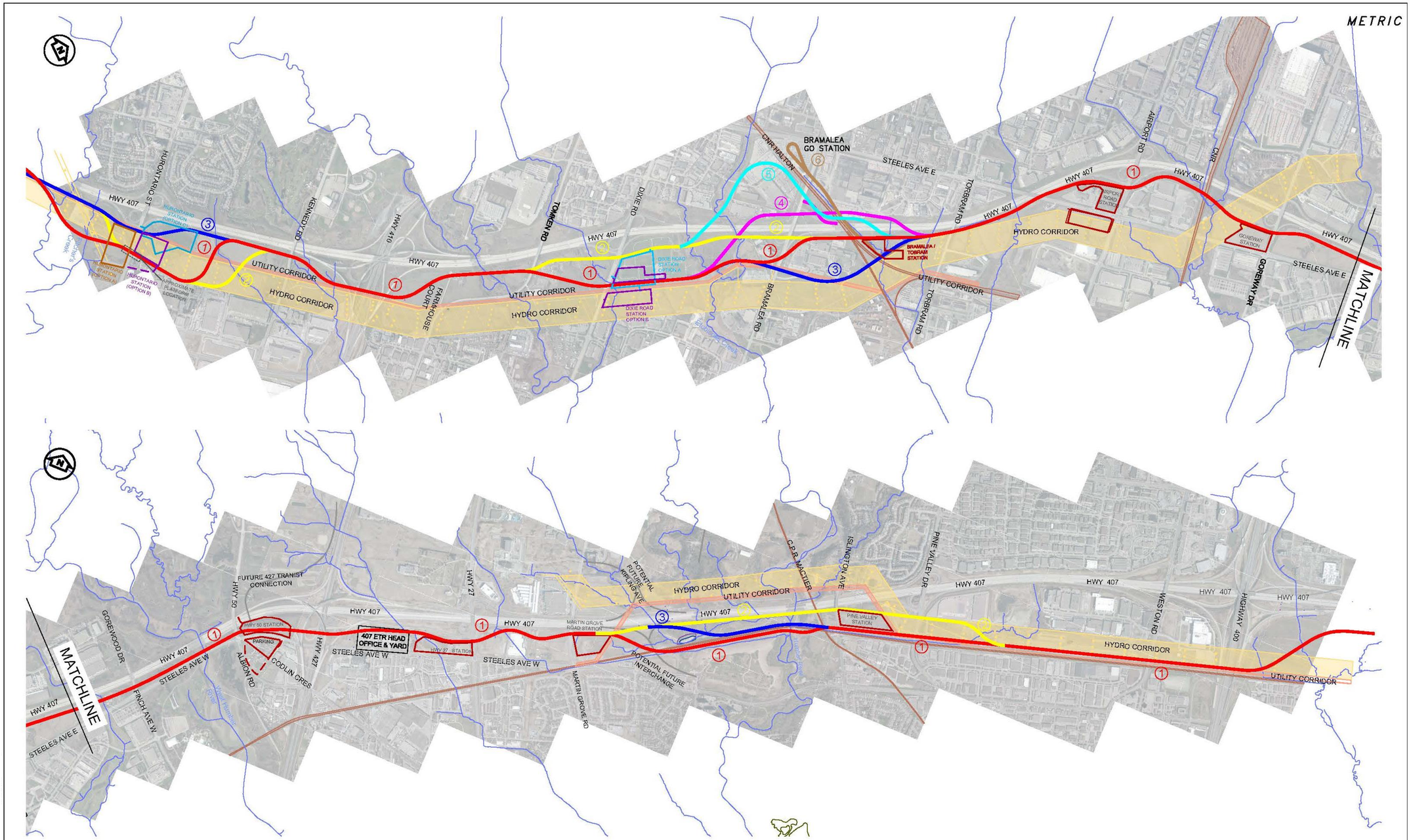
- Size and Shape
- Optimize Station Facility Layout and Functionality
- Area for Surface Expansion

Constructability and Cost

- Disruption to Traffic
- Major Utility Relocation
- Cost Range

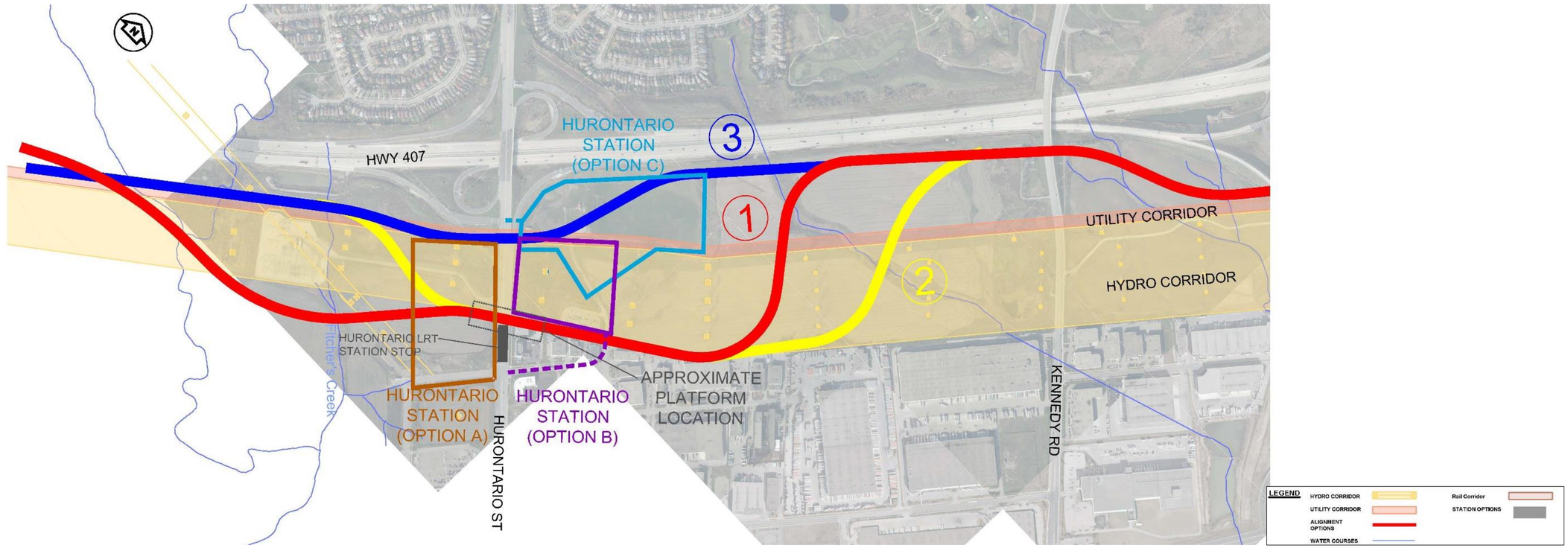
STEP 3: Select recommended station and alignment alternatives.

Alignment and Station Site Alternatives



Ontario PARSONS IBI GROUP	SCALE: NOT TO SCALE	LEGEND: HYDRO CORRIDOR, UTILITY CORRIDOR, ALIGNMENT OPTIONS, WATER COURSES; Rail Corridor, STATION OPTIONS	407 TRANSITWAY WEST OF HURONTARIO TO EAST OF HWY 400	ALIGNMENT OPTIONS KEY MAP — PLATE — DATE

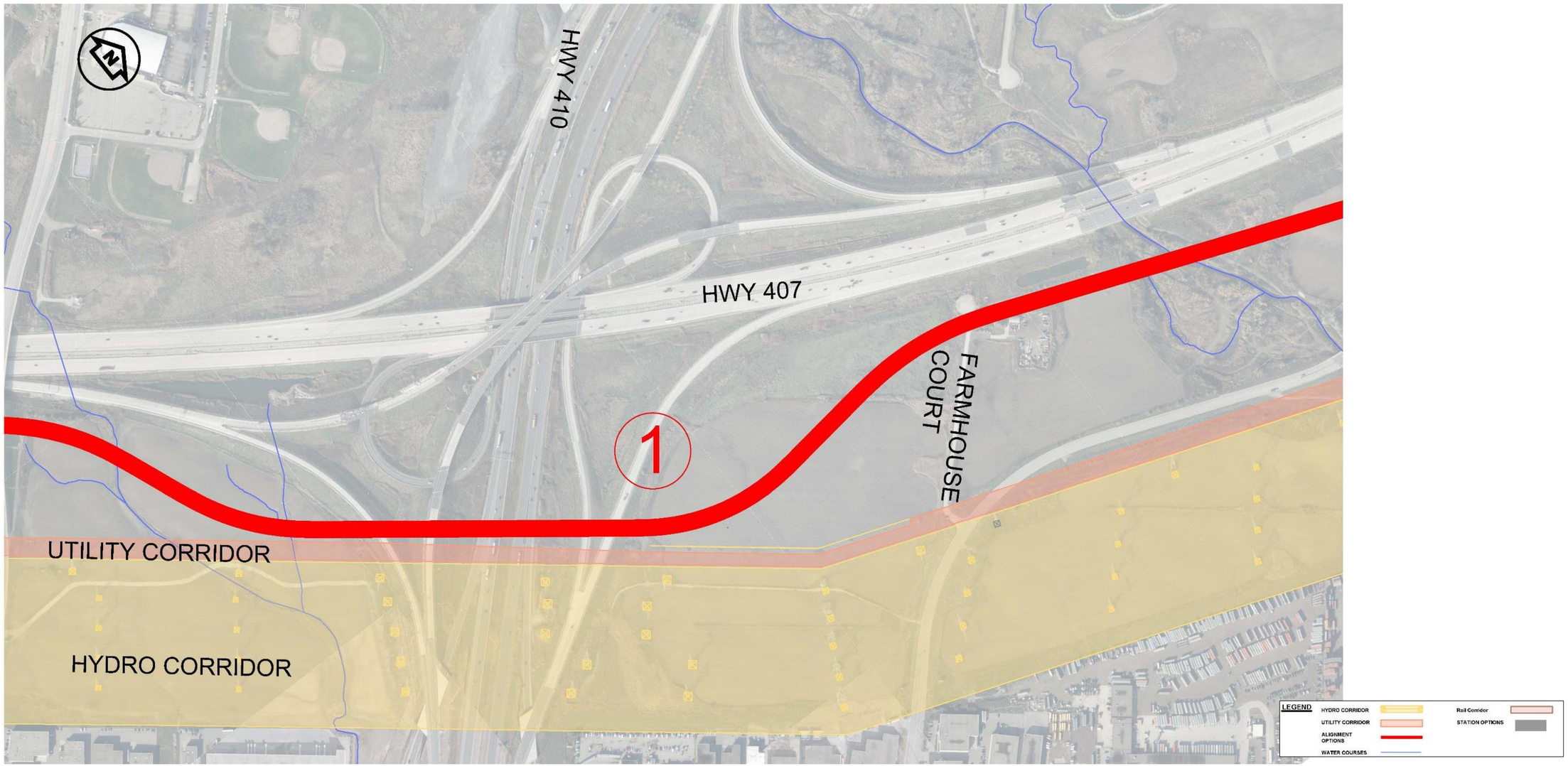
Alignment and Station Site Alternatives
Hurontario Street Area



Alignment Alternatives	Station Options
• **Alignment Alternative 1:** Connects with the Hurontario LRT (HuLRT) stop; no impact to HuLRT approved Operations, Maintenance and Storage Facilities (OMSF); no impacts to hydro towers; restrained speed; impacts private property. • **Alignment Alternative 2:** Connects with HuLRT stop; alternative only feasible if HuLRT relocates OMSF to initial site just east of interchange; impacts private property. • **Alignment Alternative 3:** No private property impacts; no connection with HuLRT Stop.	• **Station Option A (Alignments 1, 2):** Would affect private property. • **Station Option B (Alignments 1, 2):** May have minor private property impact. • **Station Option C (Alignment 3):** Only feasible for Alignment 3. No private property impacts.

Initial Recommendation: All alignment alternatives and station options being carried forward for further analysis

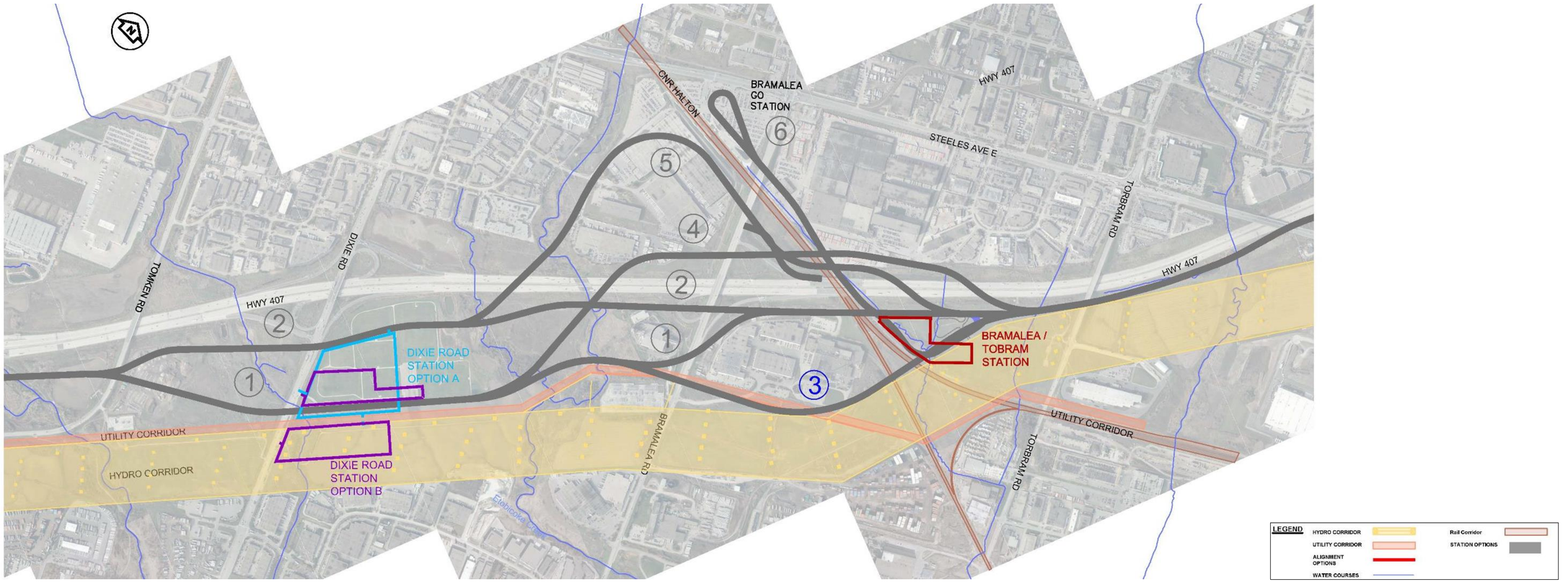
Alignment and Station Site Alternatives
Hwy 410 Area



Alignment Alternatives	Station Options
• **Alignment 1:** Alignment across Hwy 410 may be adjusted based on constructability assessment of the interchange tunnel.	• **No station** at this location.

Initial Recommendation: Alignment carried forward.

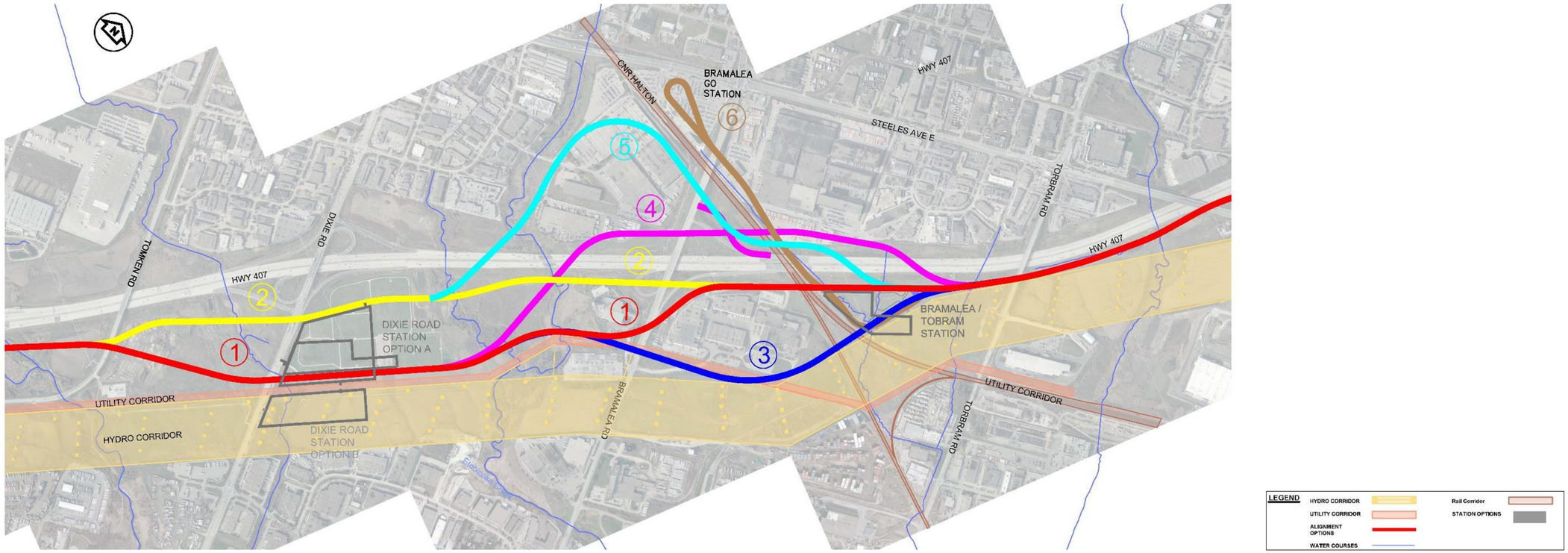
Alignment and Station Site Alternatives
Dixie and Bramalea Station Options



Dixie Station Option	Bramalea Station Option
• Good access to/from Highway 407. • Signalized access from Dixie Road. • Goal to minimize impacts to soccer fields. • **Option A (Alignments 1, 2):** Provides for all parking north of Utility/ Hydro Corridor; impacts soccer fields. • **Option B (Alignment 1):** Minimizes impact to soccer fields by providing split parking lot configuration utilizing lands within Hydro Corridor.	• Isolated from local road and poor pedestrian access. • Poor access to/from Highway 407. • Low park and ride demand. • Limited opportunity to connect to Bramalea GO Station.

Initial Recommendation: Eliminate Bramalea Station option. Carry forward both options A and B for Dixie Road Station for further investigation and analysis..

Alignment and Station Site Alternatives
Dixie and Bramalea Alignment Alternatives

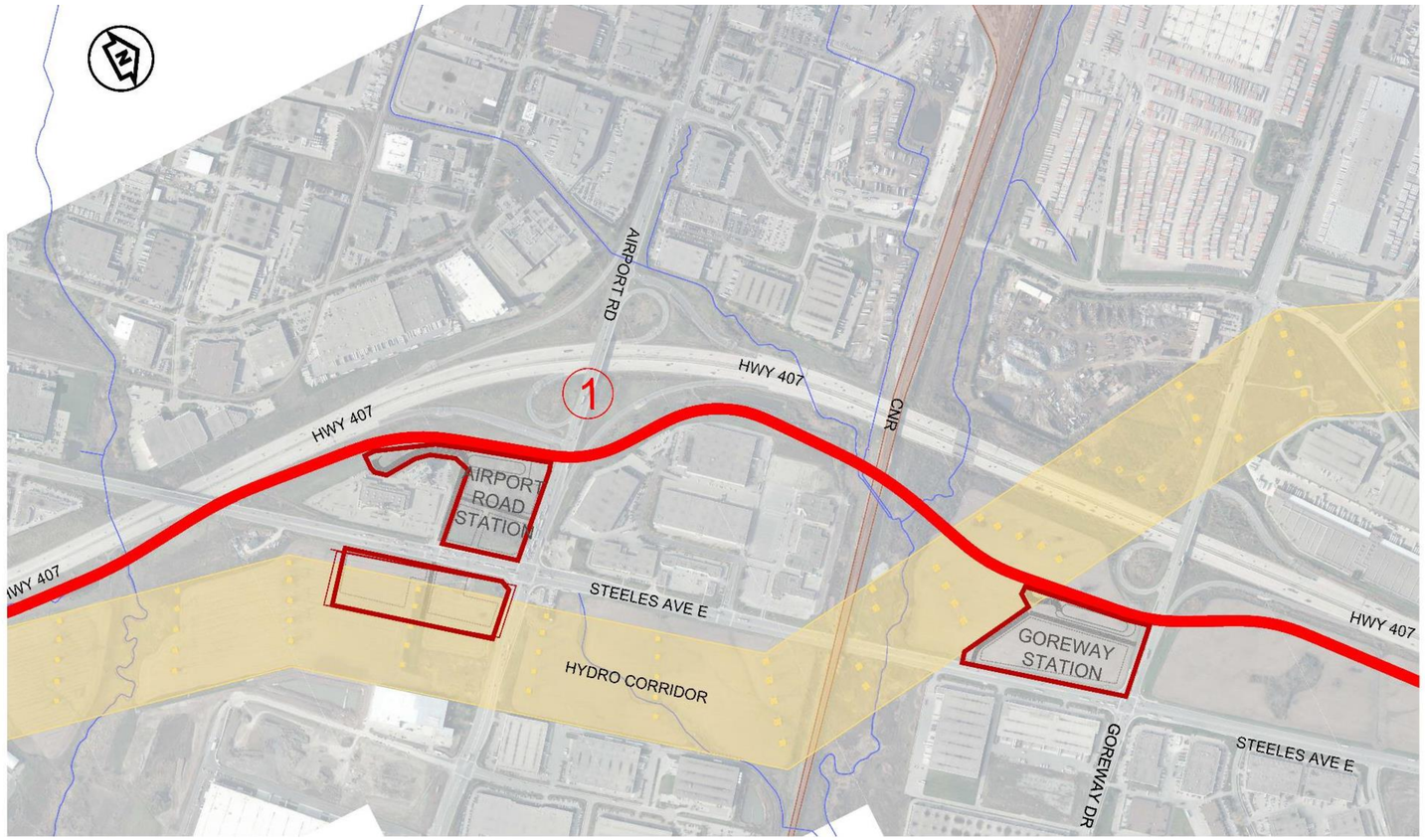


Alignment Alternatives

- **Alignment Alternatives 1-3 (south of Highway 407):**
  - **Alternative 1:** Alignment follows protected corridor; it crosses over Dixie Road and under Bramalea Road; parallel access road required to accommodate interlining connection.
  - **Alternative 2:** Major property impacts; complex crossing under Highway 407 Interchange; and under Dixie Road and Bramalea Road.
  - **Alternative 3:** Alignment crosses over Dixie Road and over Bramalea Road along north limit of Utility/Hydro Corridor. Well suited to interlining correction at Bramalea Road.
- **Alignment Alternatives 4-5 (north of Highway 407):** Excessive construction cost; significant property impacts.
- **Alignment Alternative 6 (spur connection to Bramalea GO Station):** Insufficient right of way available to accommodate connection.

Initial Recommendation: Carry forward alignment alternatives 1 and 3, in conjunction with need for interlining to serve demands from Bramalea GO Station and Bramalea City Centre.

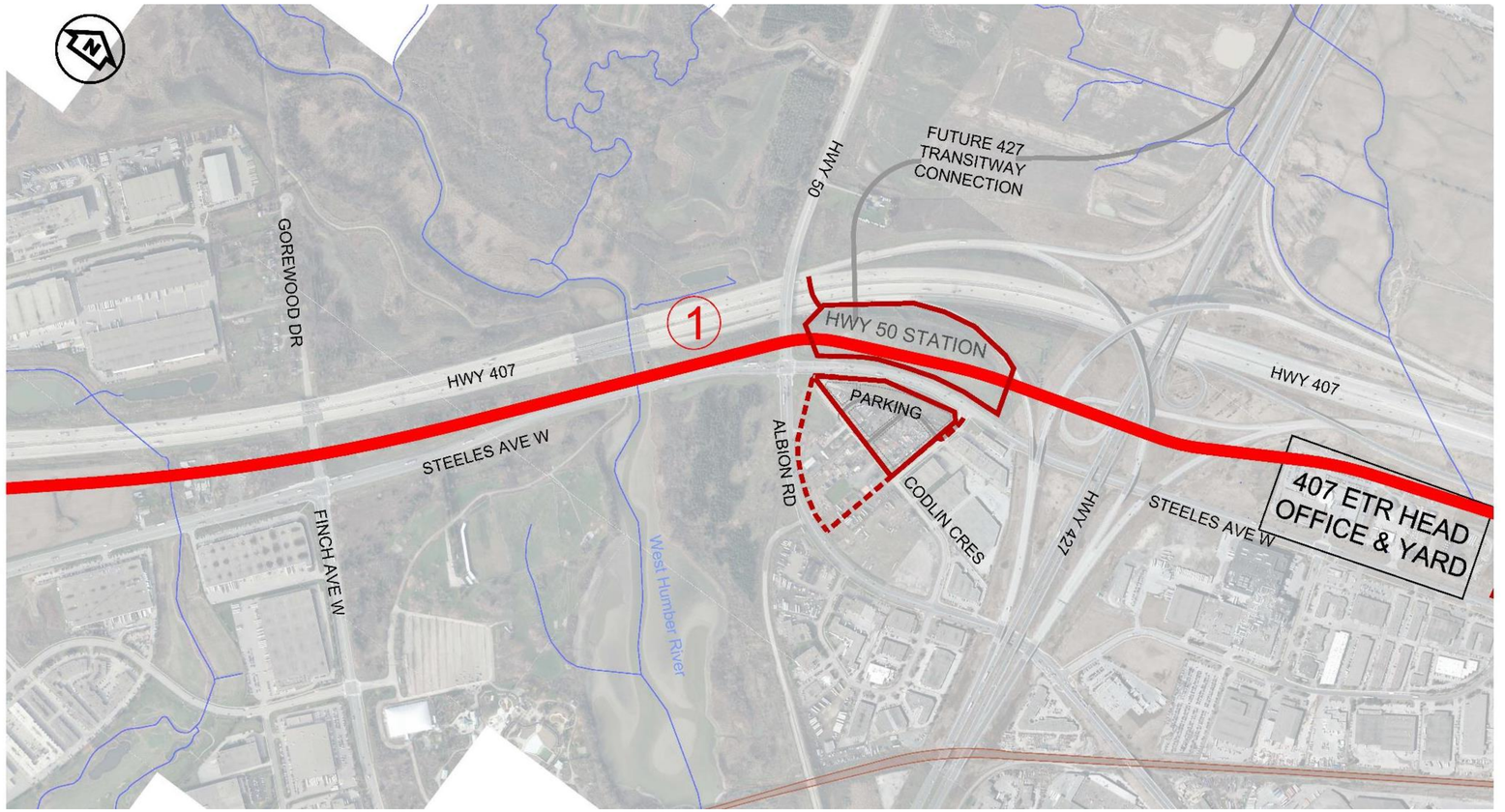
Alignment and Station Site Alternatives
Airport Road Area

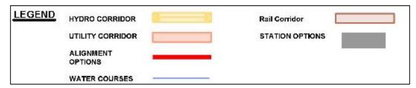


Alignment Alternatives	Station Options
• Only one feasible alignment. • Vertical alignment crosses under Airport Road and Goreway Drive. • Stations separated by 1.5 kilometres.	• **Airport Road Station Option:** Good access from Highway 407; signalized access from Steeles Avenue; expansion opportunity within Hydro Corridor south of Steeles Avenue. • **Goreway Station Option:** Limited access from Highway 407 (partial interchange to/from east); signalized access from Steeles Avenue. Not appropriate as stand alone option; consider this station in conjunction with Airport Road Station.

Initial Recommendation: Carry alignment alternative and both Station options forward with priority to Airport Road Station (including expansion potential).

Alignment and Station Site Alternatives
Highway 50 Area



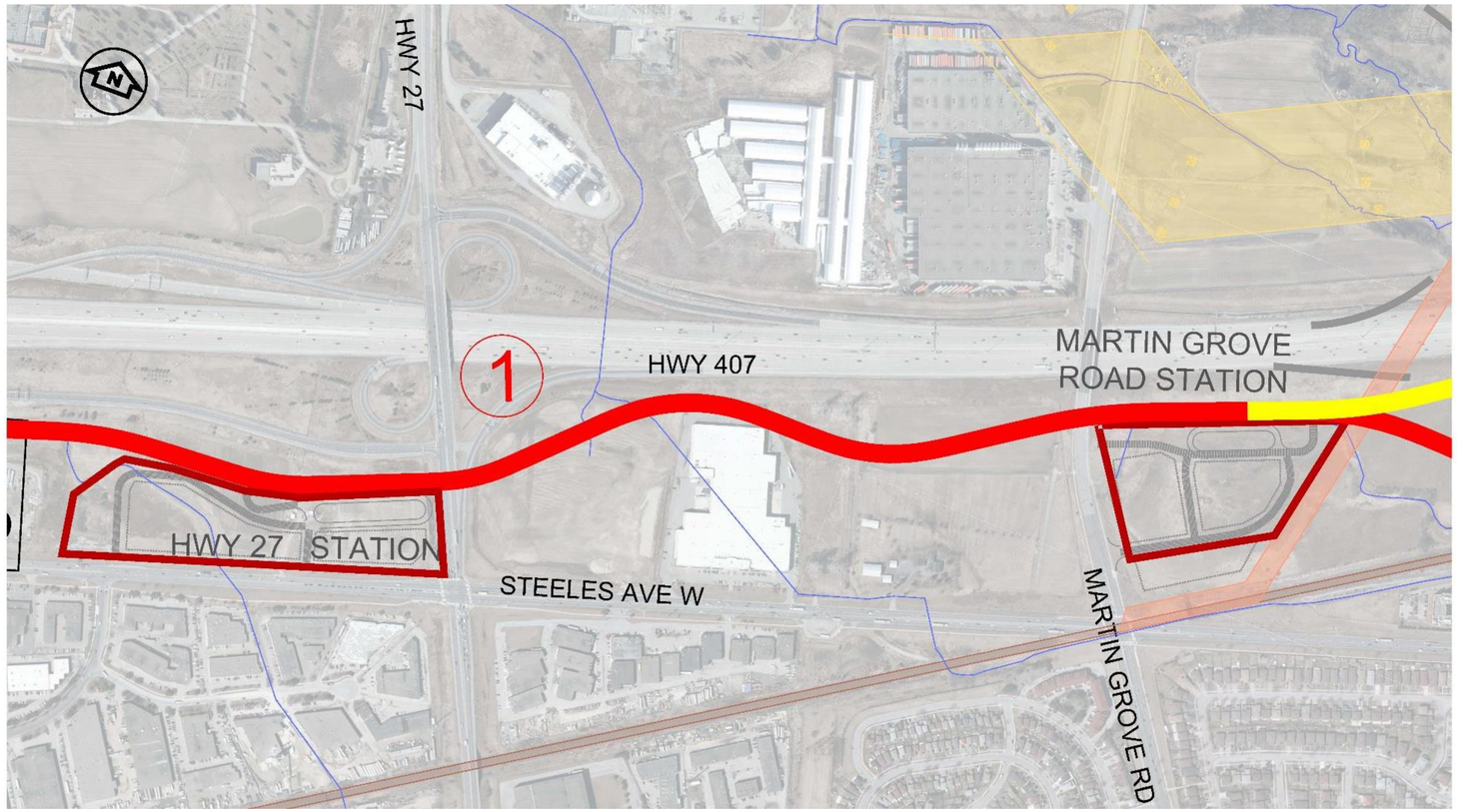


Alignment Alternatives	Station Options

• Only one feasible Alignment (tunnel under Hwy 50 and Hwy 427).	• **Highway 50/ 427 Station Option:**
	  • Integrates with Hwy 427 BRT/LRT.
	  • Poor access to/from Highway 407.
	  • Signalized access from Steeles Avenue, with grade separated pedestrian crossing of Steeles Avenue.
	  • May require expansion south of Codlin Crescent.

Initial Recommendation: Carry alignment alternative and station option forward.

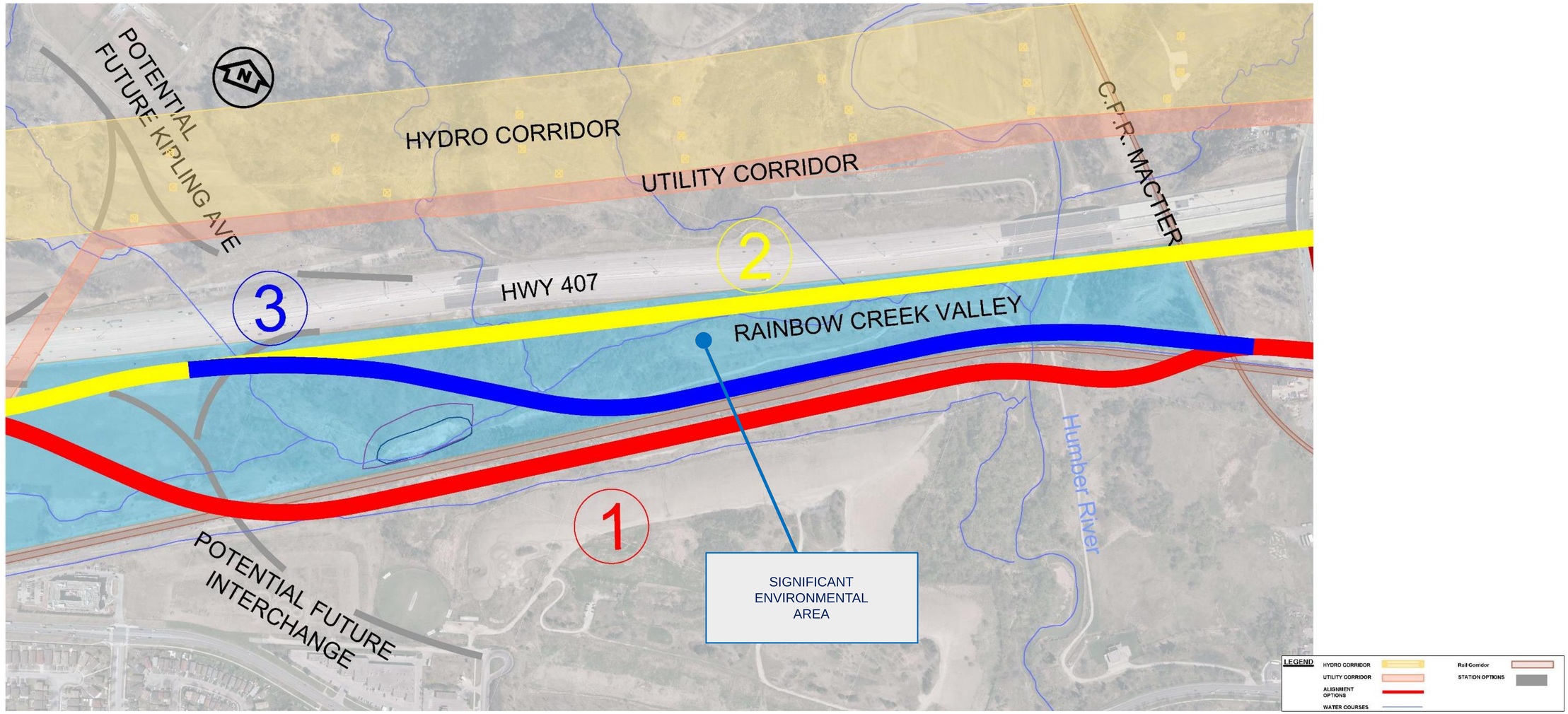
Alignment and Station Site Alternatives
Highway 27 / Martin Grove Area



Alignment Alternatives	Station Options
• Only feasible alignment (under Hwy 27 and Martin Grove Road). • Stations separated by 1.2 kilometres.	• **Highway 27 Station Option:** Good access to/from Highway 407; signalized access from Steeles Avenue. Area demands expected to exceed capacity as standalone station. • **Martin Grove Station Option:** No access to/from Highway 407 (no interchange). Signalized access from Martin Grove. Not appropriate as stand alone option; potential future station; will be considered in conjunction with Highway 27 Station.

Initial Recommendation: Carry alignment alternative and both station options forward with priority given to Highway 27 Station.

Alignment and Station Site Alternatives
Humber River/Rainbow Creek Area

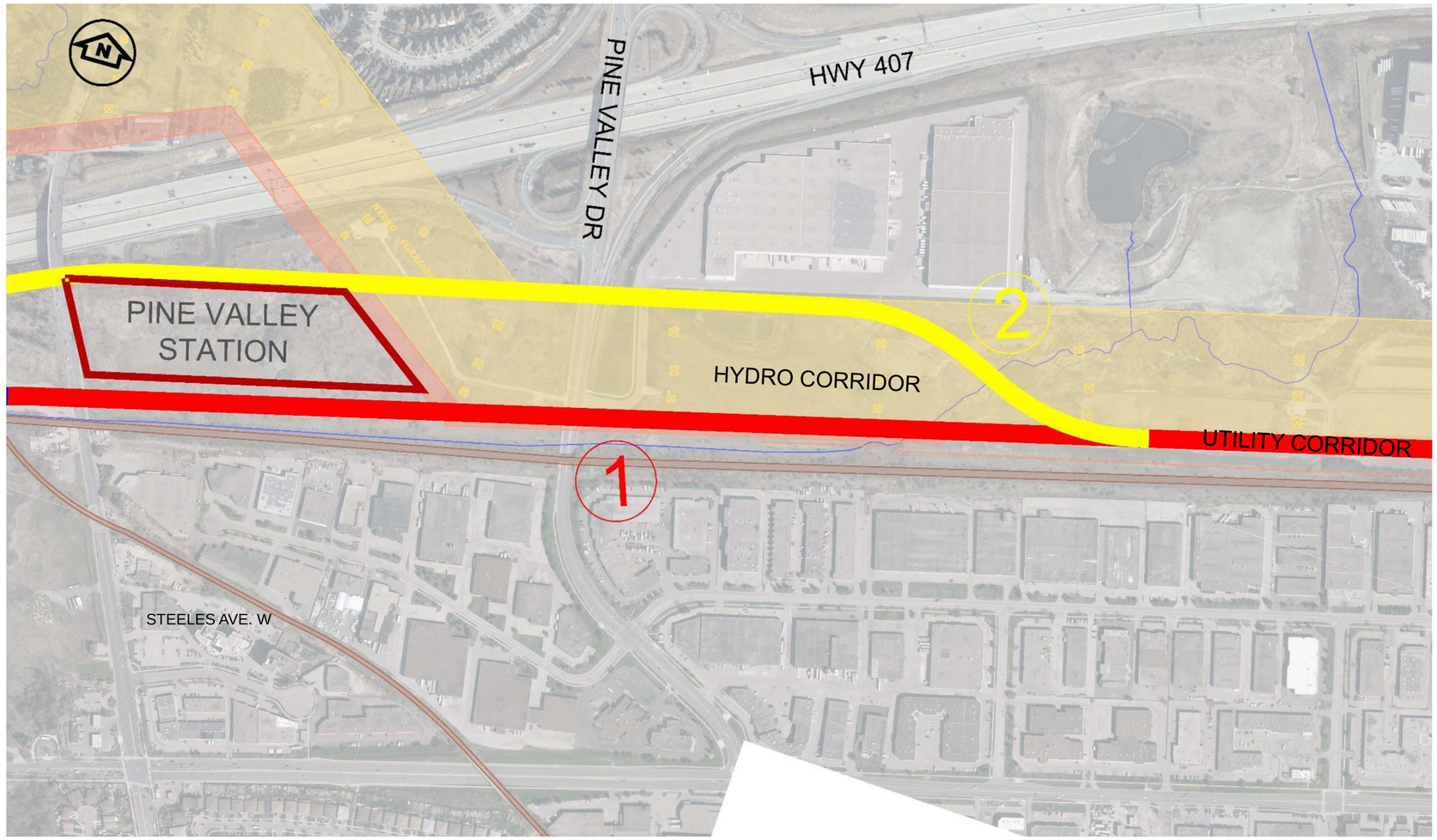


Alignment Alternatives

- **Alignment Alternative 1:** 30 metres south of CN track (within CN property).
- **Alignment Alternative 2:** Impacts Humber River/Rainbow Creek Valley.
- **Alignment Alternative 3:** Just north of CN right of way. Most impacts to Humber River/Rainbow Creek Valley.

Initial Recommendation: Carry all alignment alternatives forward until final results of field investigations and public and stakeholder consultation has occurred.

Alignment and Station Site Alternatives
Pine Valley Area



Alignment Alternatives	Station Options
• **Alignment Alternative 1:** Between Utility Corridor and setback from hydro towers, affects Utility Corridor at Pine Valley Road. • **Alignment Alternative 2:** Crosses to north side of Hydro Corridor; S-E Highway 407 on-ramp impacted during construction.	• **Pine Valley Station Option:** Only site available for a station. Same site for either alignment alternative.

Initial Recommendation: Carry both alignment alternatives forward until preferred alignment is confirmed through Humber River/Rainbow Creek Valley and impact to existing utilities are confirmed.

Alignment and Station Site Alternatives
Weston Road Area

Alignment Alternatives

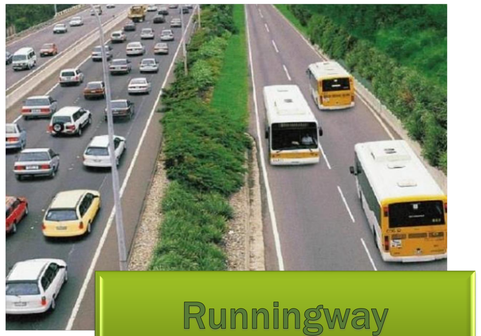
- Alignment between Utility Corridor and hydro towers set-back.
- Alignment matches Central Section EA approved alignment.
- No initially proposed station at this location.

Initial Recommendation: Alignment carried forward.

Next Steps

Confirm preferred alignment and station alternatives based on the following:

- **Consultation with Stakeholders and the Public.**
- **Detailed Field Investigations.**
- **Traffic Impact Study.**
- **Station Functionality and Design Elements.**
- **Constructability Assessment.**

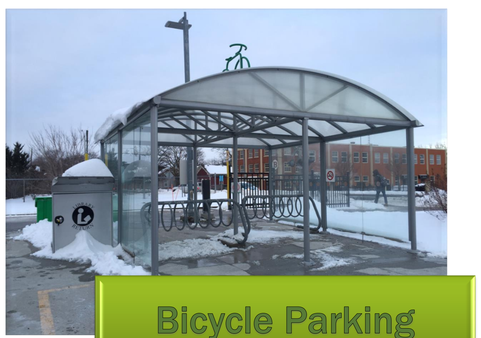


Runningway

Platforms

Pedestrian Connections (Bridges & Walkways)

Bus Loop and Transfer Area



Bicycle Parking

Field Investigations

Public Consultation

Constructability Assessment

Freedom of Information and Protection of Privacy and Team Contacts

Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*.

Comments and information regarding this study are being collected to assist the MTO in carrying out the study and meeting the requirements of *Ontario Regulation 231/08 Transit Project & Metrolinx Undertakings*. This material will be maintained on file for use during the project and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

You are encouraged to contact the project team if you have questions or concerns regarding this study.

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Fax: 905-833-1255
E-mail: gkauffman@lgl.com

Thank you for your participation in this project.

PIC #2 DISPLAY PANELS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

PUBLIC INFORMATION CENTRE #2

GREENBRIAR RECREATION CENTRE

Date: Tuesday January 23rd, 2018
Time: 4:00 p.m. to 8:00 p.m.
Location: 1100 Central Park Drive
Brampton, Ontario
L6S 2C9

WOODBRIDGE POOL AND MEMORIAL ARENA

Date: Thursday January 25th, 2018
Time: 4:00 p.m. to 8:00 p.m.
Location: 5020 Highway 7
Woodbridge, Ontario
L4L 1T1

PROJECT WEBSITE: 407Transitway.com

Purpose of Public Information Centre #2

The first Public Information Centre (**PIC #1**) **was held in December 2016** to introduce the study and present the results of the Planning Phase, the initially preferred alignment and station locations.

Since PIC #1, comments from the public were considered, detailed field investigations and technical studies were conducted, and consultation with Regulatory Agencies, Property Owners and Métis and Indigenous Communities was carried out to develop the 407 Transitway Design.

The purpose of this PIC (PIC #2) is to present and receive input on:

- The 407 Transitway Design of the technically preferred stations and alignment.
- Potential environmental impacts and mitigation measures.
- The Transit Project Assessment Process including major milestones, next steps and study schedule.

Members of the Study Team are available to discuss the project with you.
Please feel free to ask questions and fill out a comment sheet.

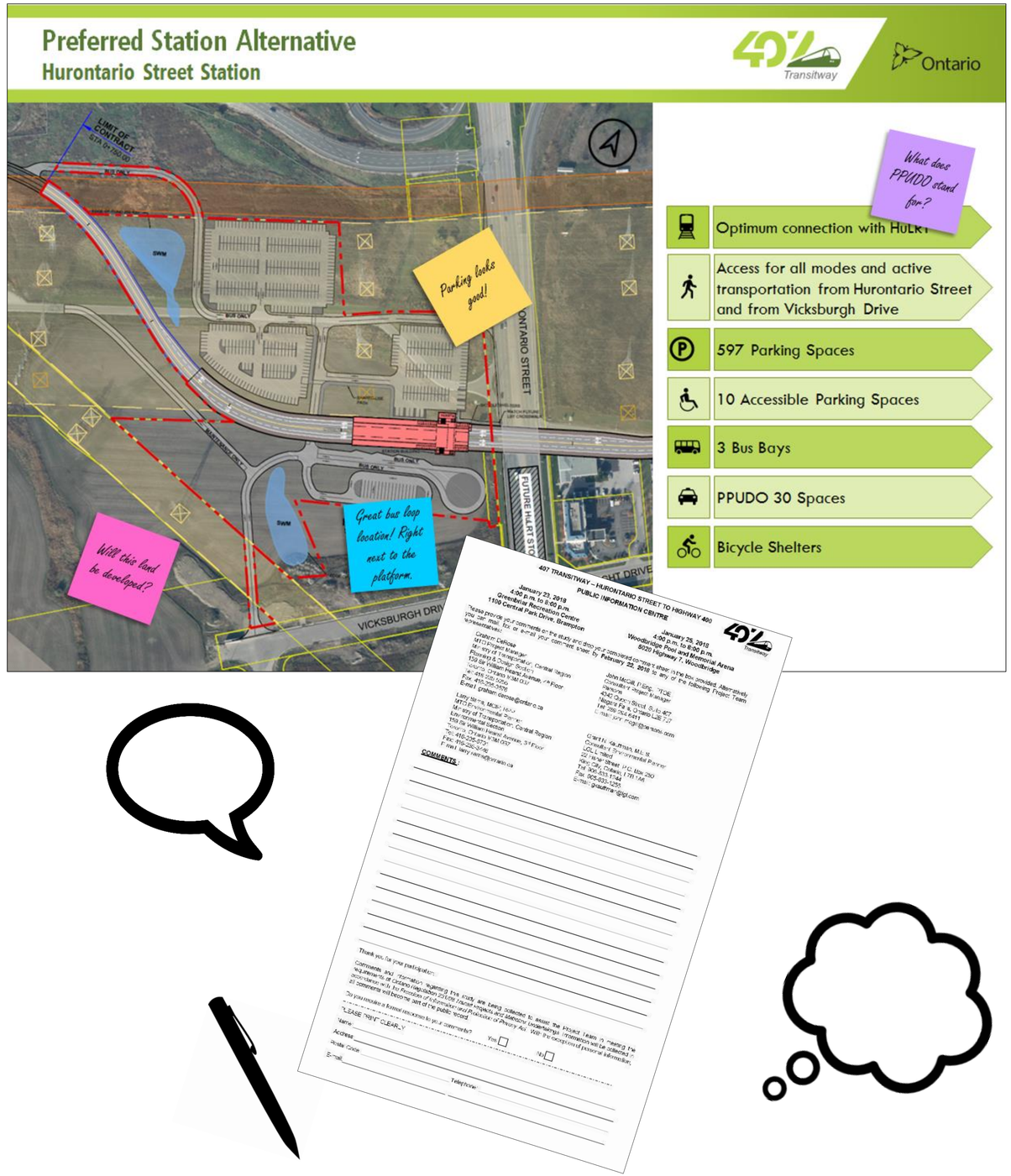
You may also visit us at **407Transitway.com**

How can you comment?

1. **Fill out a comment sheet.**
2. **Place a post-it with comments on any of the presentation boards.**

Comments would be appreciated by:

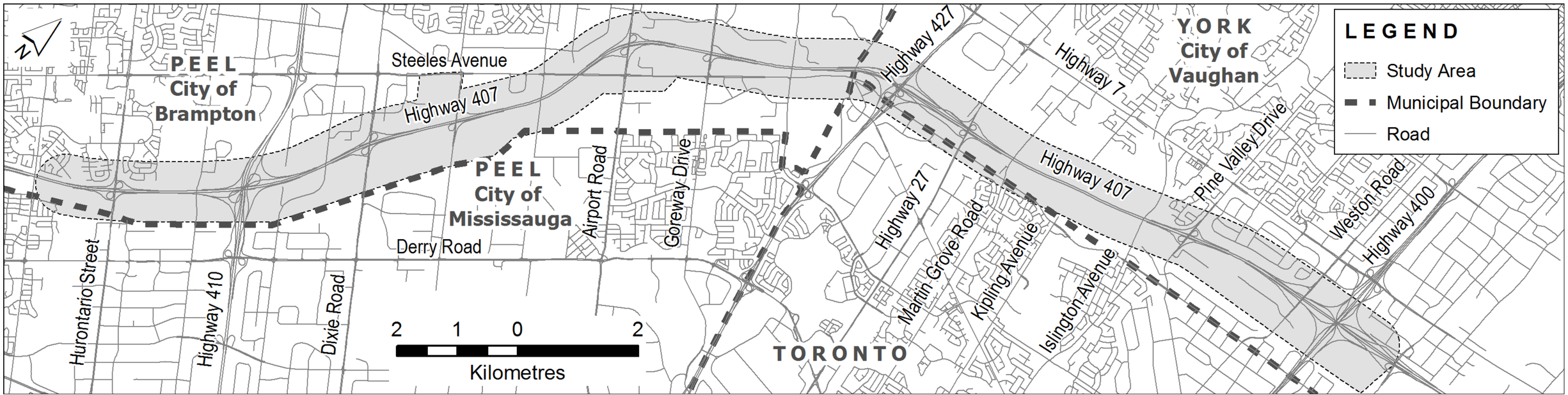
Friday February 23rd, 2018



What is the 407 Transitway?

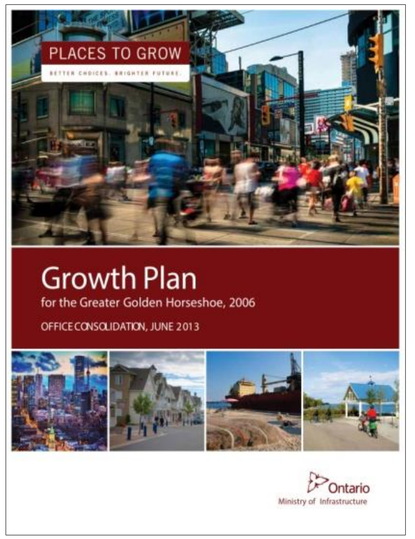
- Exclusive corridor, fully grade separated (no intersections) bus rapid transit facility with potential conversion to light rail transit, parallel to 407 ETR.
- The 407 Transitway will extend from Burlington to Highway 35/115 (150 km) with up to 50 surface stations.
- **Study limits for this Section:** west of Hurontario Street to east of Highway 400.
  - **24-km exclusive runningway with 7 surface stations.**

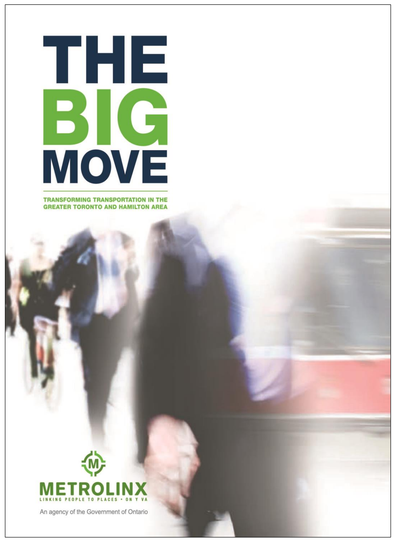
OTTAWA BRT

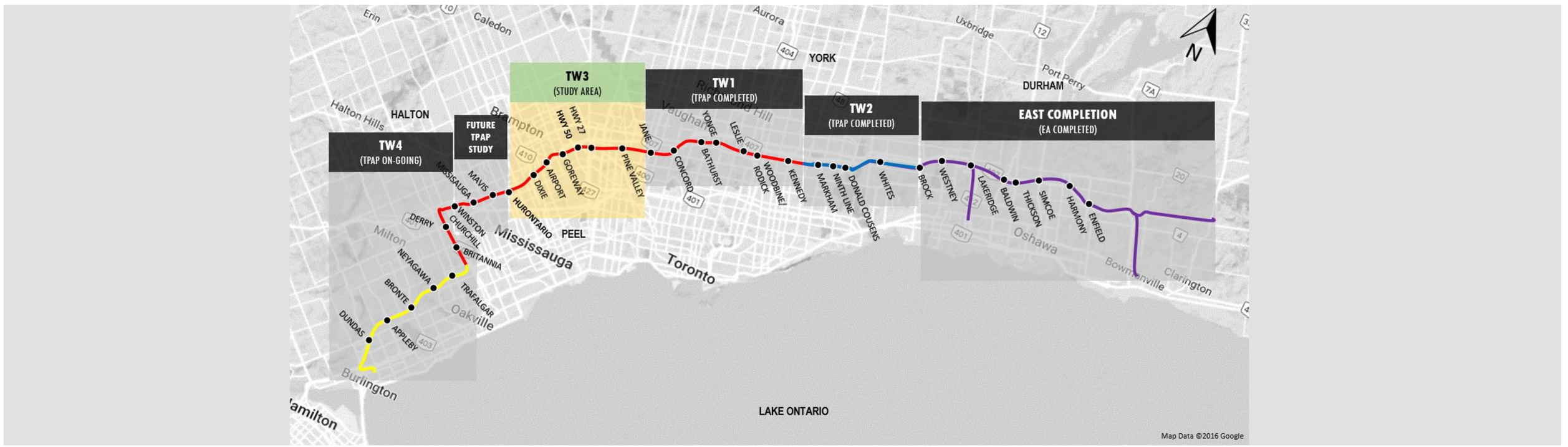


What is Driving the 407 Transitway Project?

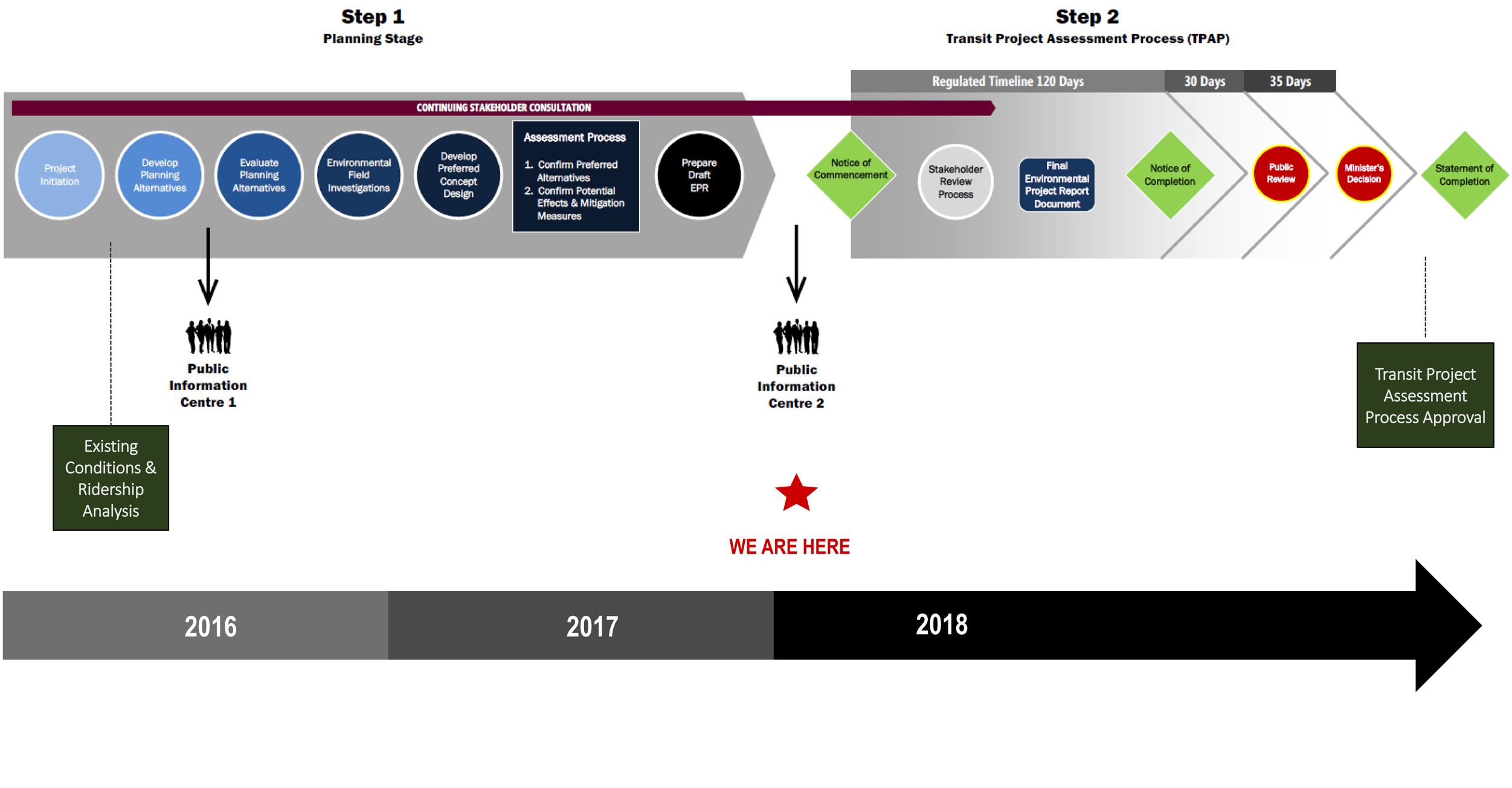
- The 407 Transitway will support current and future Greater Toronto and Hamilton Area rapid transit policies and initiatives.
- *It will* enhance east-west cross-regional mobility and increase transit capacity to meet forecasted travel demand.
- *It will* offer a viable, cost-effective way of moving people in the 407 ETR corridor.
- *It will* improve accessibility to existing/planned major urban centres/nodes, post secondary educational institutions and other places of high demand.
- *It will* increase integration with regional transportation networks.
- *It will* reduce automobile dependence and green house gas emissions.
- *It will* alleviate congestion on 407 ETR.
- The project builds on extensive work completed to date and will define the Transitway footprint and property requirements, address environmental impacts and receive TPAP approval.





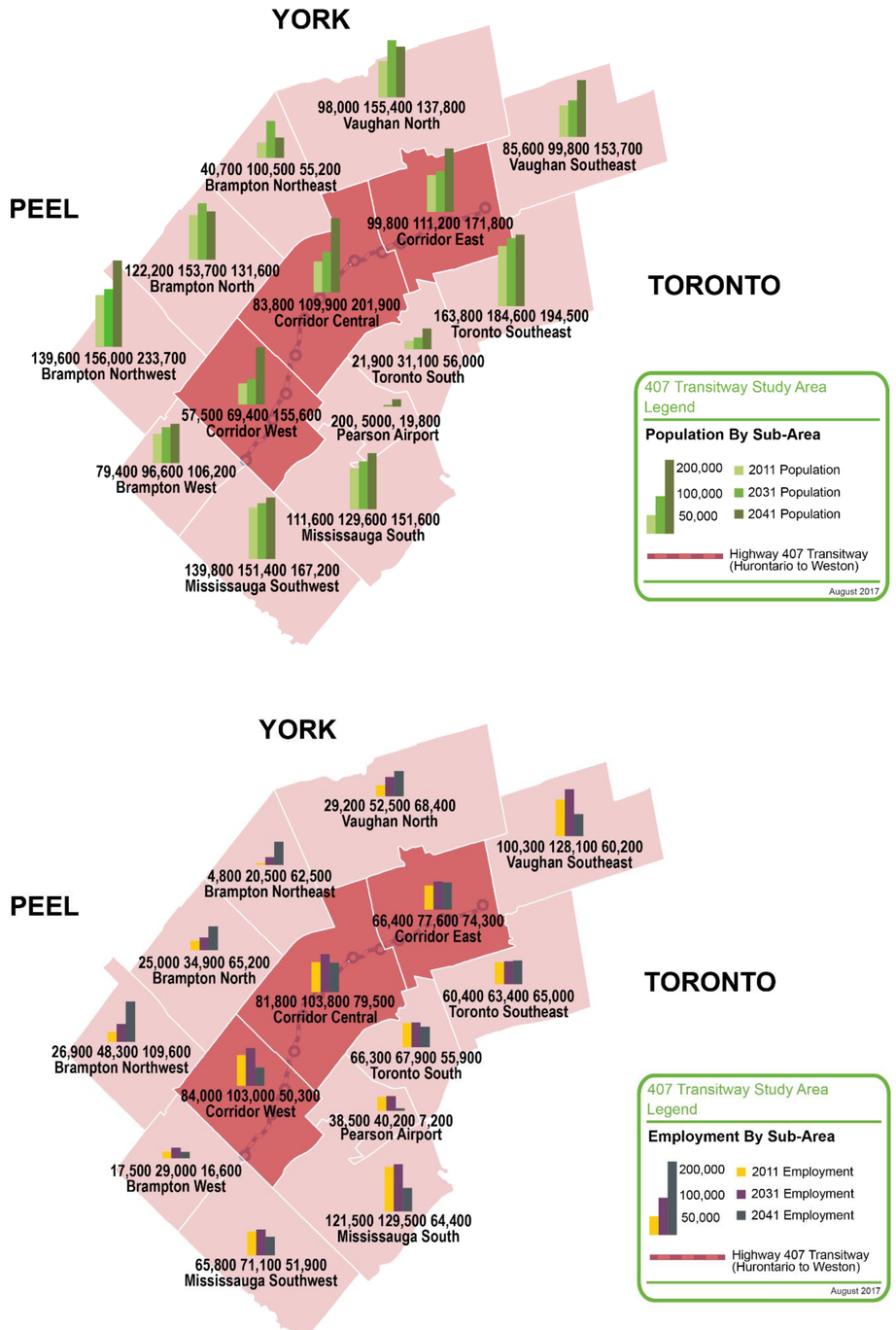


Schedule & Process



Corridor Growth

- Corridor is largely industrial / commercial in nature, though catchment area in Peel and York Region will experience substantial growth.
- Approximately 57% employment growth in the 407 Transitway corridor 2011 to 2041.
- 53% population growth in corridor, 2011 to 2041.
- Significant increase in road congestion throughout Peel Region and York Region, despite notable increase in transit ridership.



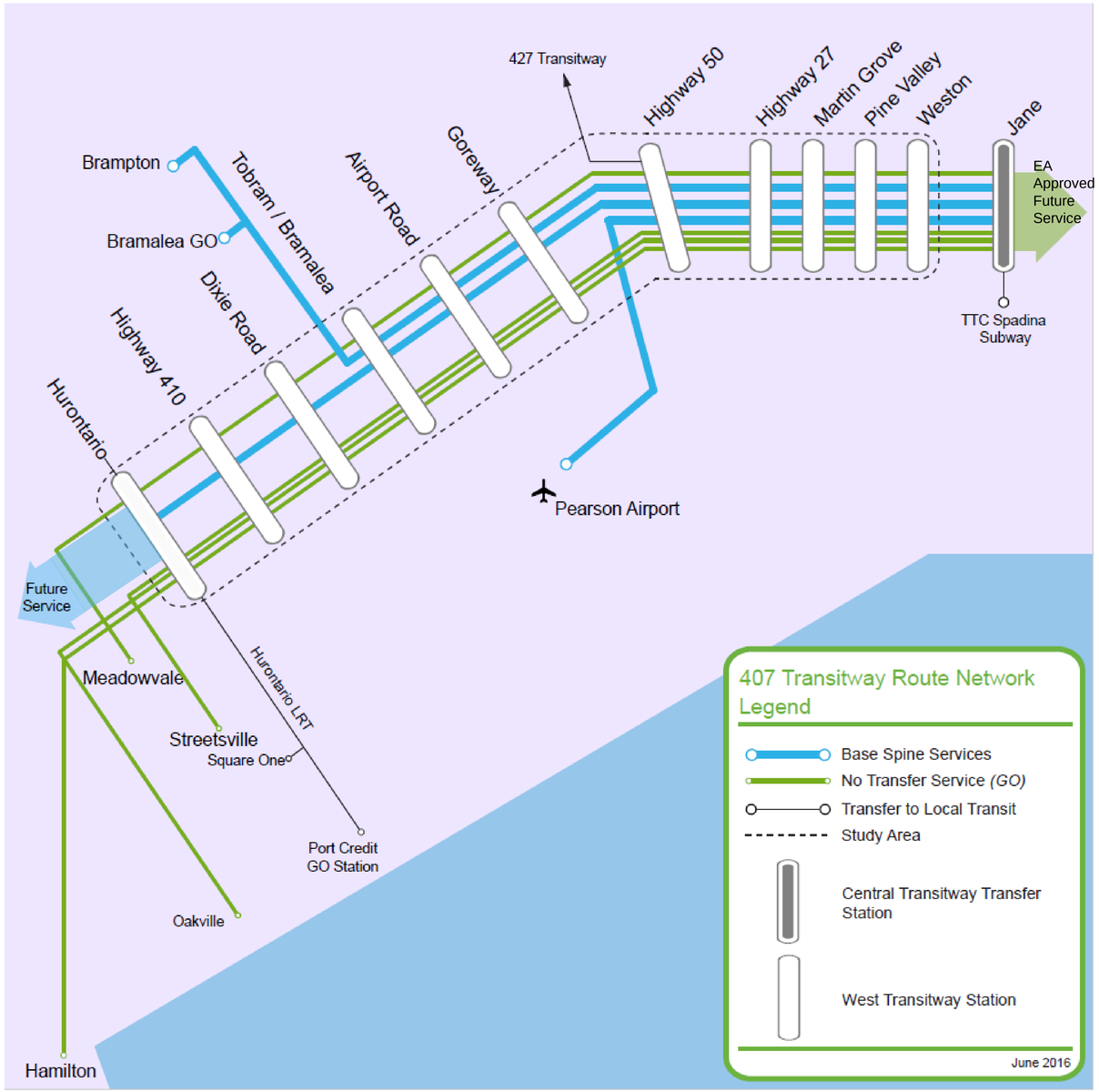
Service Concept

Extend the 407 Transitway operating concept:

- **Spine services:** Services that operate exclusively on the 407 Transitway including some express routes.
- **No-transfer services (Interlining):** Designed to provide one-seat rides between major nodes and residential areas. Routes include portions both on and off the Transitway.
    - Bramalea City Centre.
    - Bramalea GO.
    - Pearson Airport to 407 Transitway.
- Transitway operating speed is 100km/h between stations.

Nodes served by Transitway:

- Urban Growth Centres (Brampton, Vaughan, Richmond Hill, Markham, Downtown Oshawa, and Pickering).
- Post Secondary Institutions (York University, UOIT, Durham College, York University Keele Campus, York University Markham Campus).
- Transit Connections (Bramalea GO, MiWay, Brampton Züm, YRT, VIVA, TTC, HuLRT).



Schematic Transit Service Diagram for 407 Transitway

2041 Ridership Forecast

2041 AM Peak Hour Ridership on 407 Transitway, from Hurontario to Highway 400:

- Peak load is 5,500 eastbound entering Jane Station.
- Forecast ridership is within range warranting a dedicated bus facility.

What does 5,500 riders mean?

407 TRANSITWAY

0 — 4,000 — ★ 6,000 — 10,000 +

Bus Mixed Traffic

Dual Bus Lanes

Grade Separated Busway

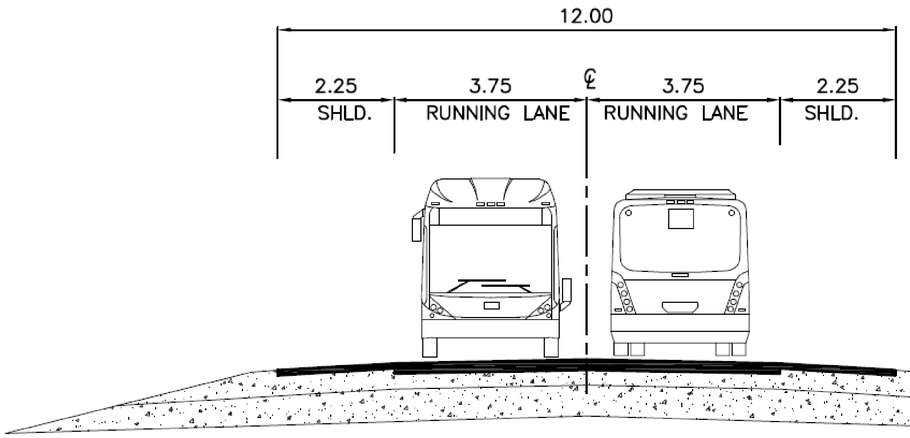
Light Rail Transit

407 Transitway Infrastructure Characteristics

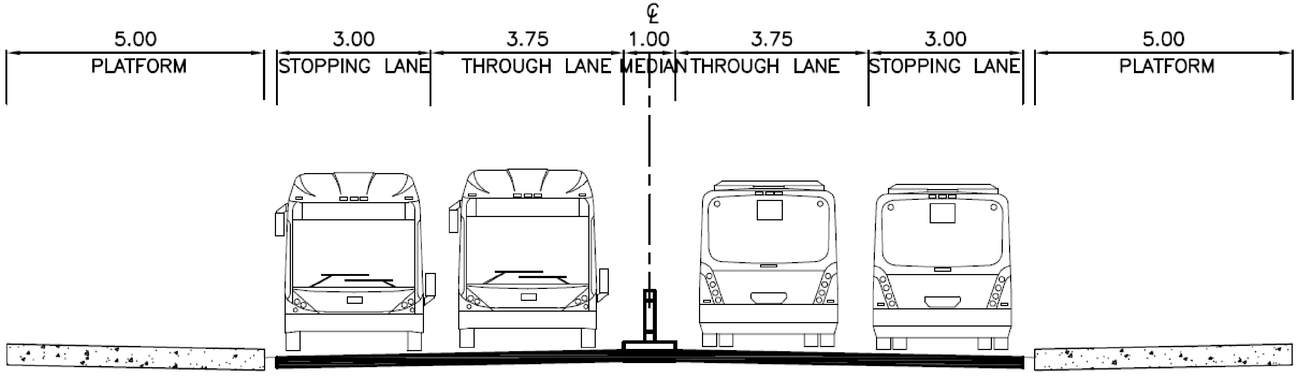
- The design will protect for BRT or LRT operation.
- Infrastructure includes runningway (accommodating both BRT & LRT standards) and stations (park and ride, passenger pick-up/drop-off and transit interface facilities).
- Runningway BRT cross-section:
  - Between Stations – 12 m
    (2 x 3.75m lanes + 2 x 2.25m shoulders)
  - Through Stations – 14 m
    (2 x 3.75m lanes + 2 x 3m stopping lanes)
- 14 overpasses & 27 underpasses

Example of a BRT System

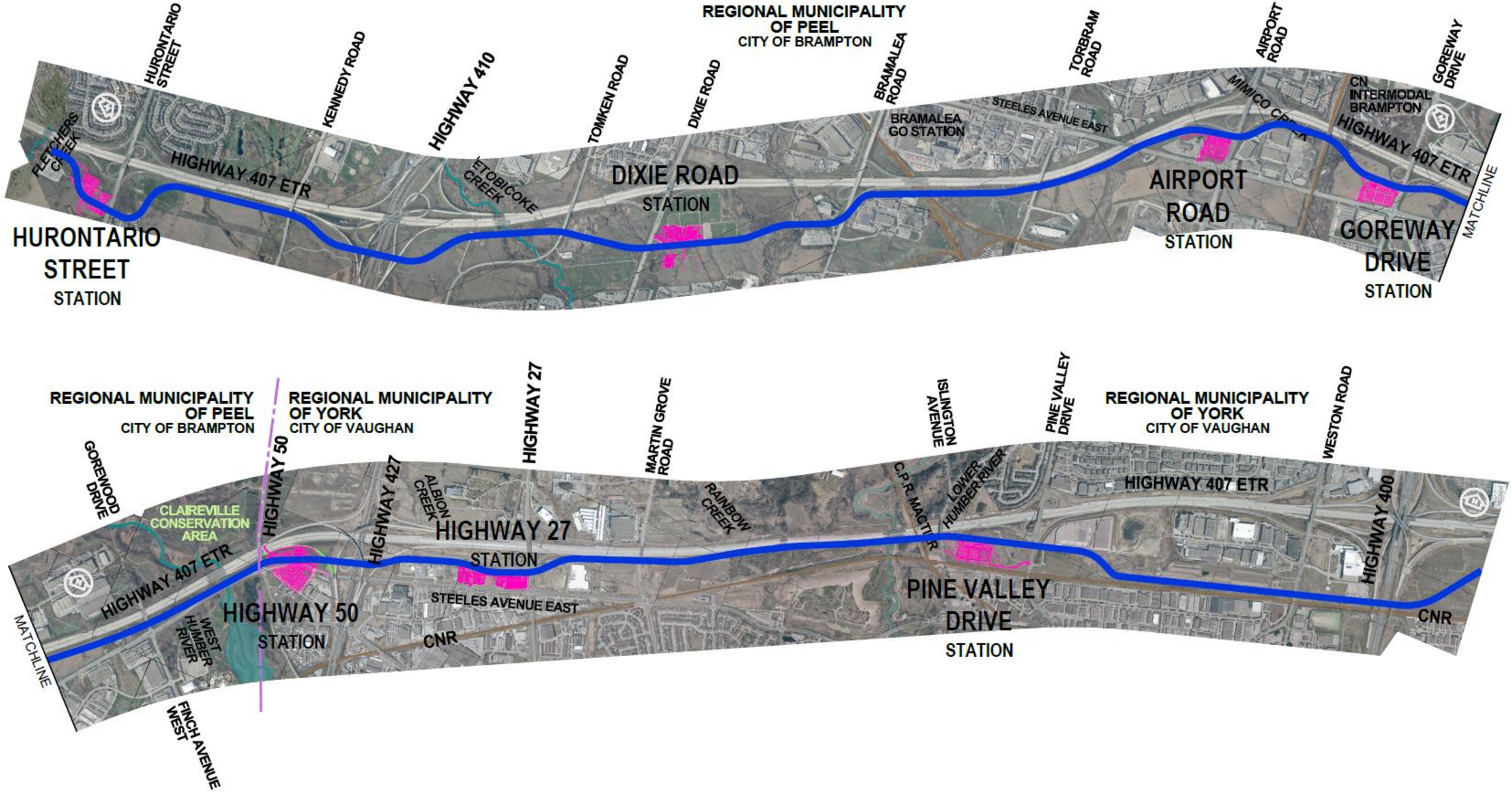
Between Stations



Through Stations



Preferred Alignment and Station Configuration

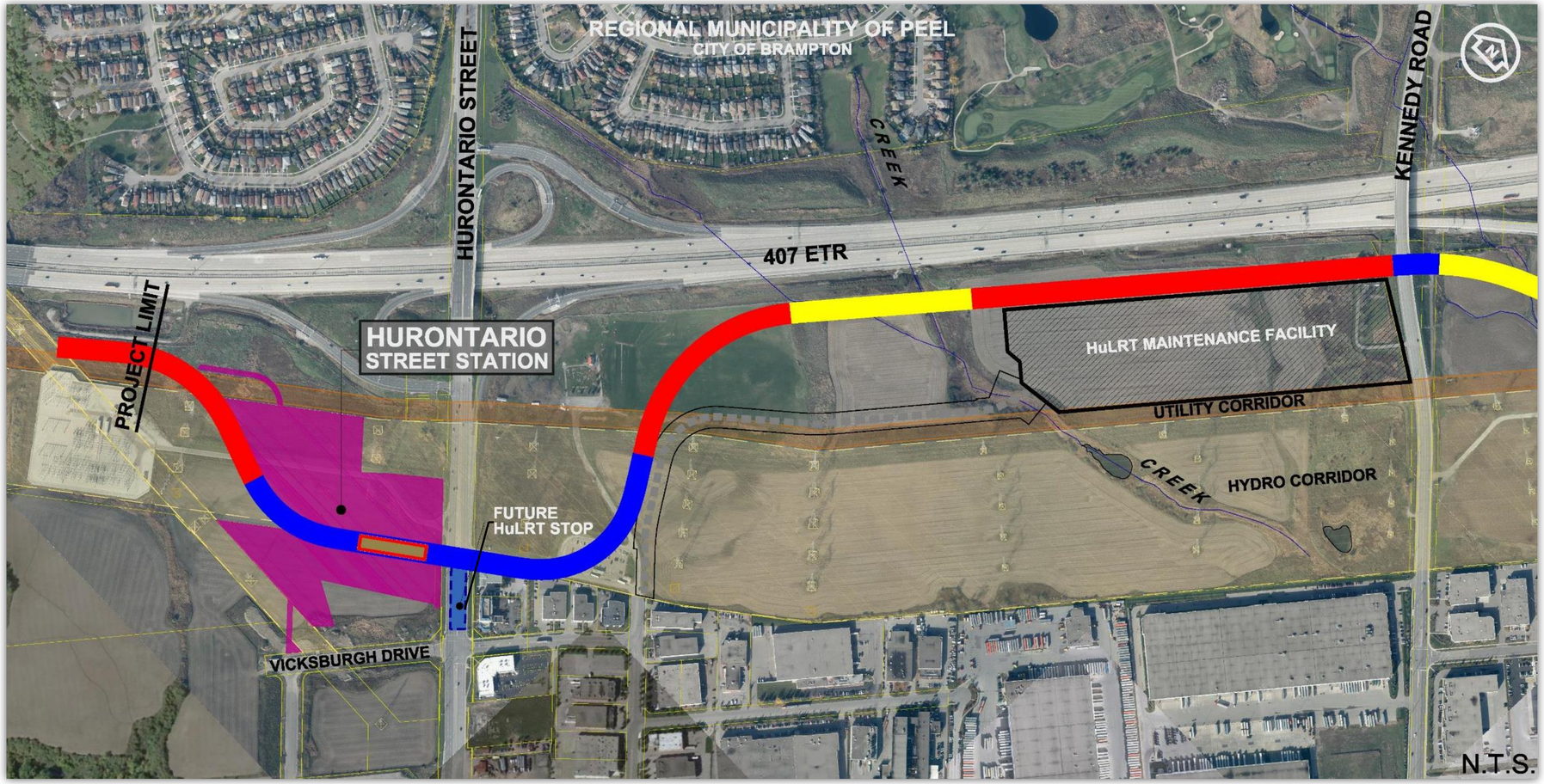


Station Design Principles

Component	Station Functional Requirements and Design Principles
Passenger	Short and convenient transfers. Universally accessible.
Active Transportation	Convenient, comfortable, direct and safe pedestrian linkages to, from and within Transitway facility.
Vehicular Facilities	Prioritized PPUDO location. Carpooling and alternate fuel vehicle parking close to platforms. Lay-by and looping bus facilities for local and regional buses entering the station. Bus stops at the crossing arterial road will also be provided for buses not entering the facility.

Preferred Alignment Alternative

Segment A: West of Hurontario Street to East of Kennedy Road



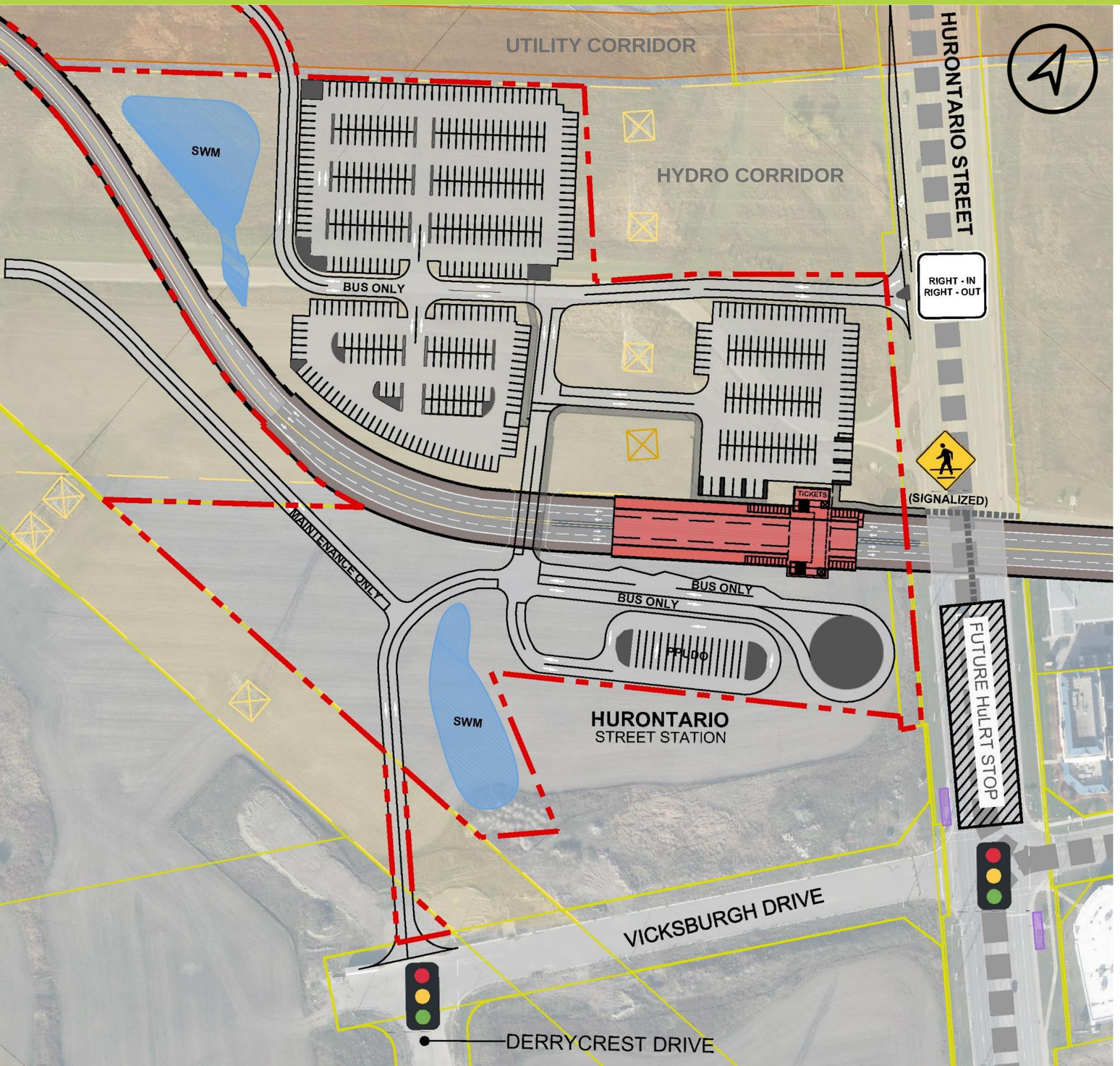
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment provides optimum connection to HuLRT stop.
- ☑ No impact to current design of HuLRT facilities including mainline tracks, maintenance and storage yard and maintenance road.
- ☑ Alignment crosses the Hydro Corridor not impacting Hydro One's tower/conductor requirements or electromagnetic restrictions.
- ☑ Alignment crosses under Hurontario Street and under Kennedy Road.

Preferred Station Alternative

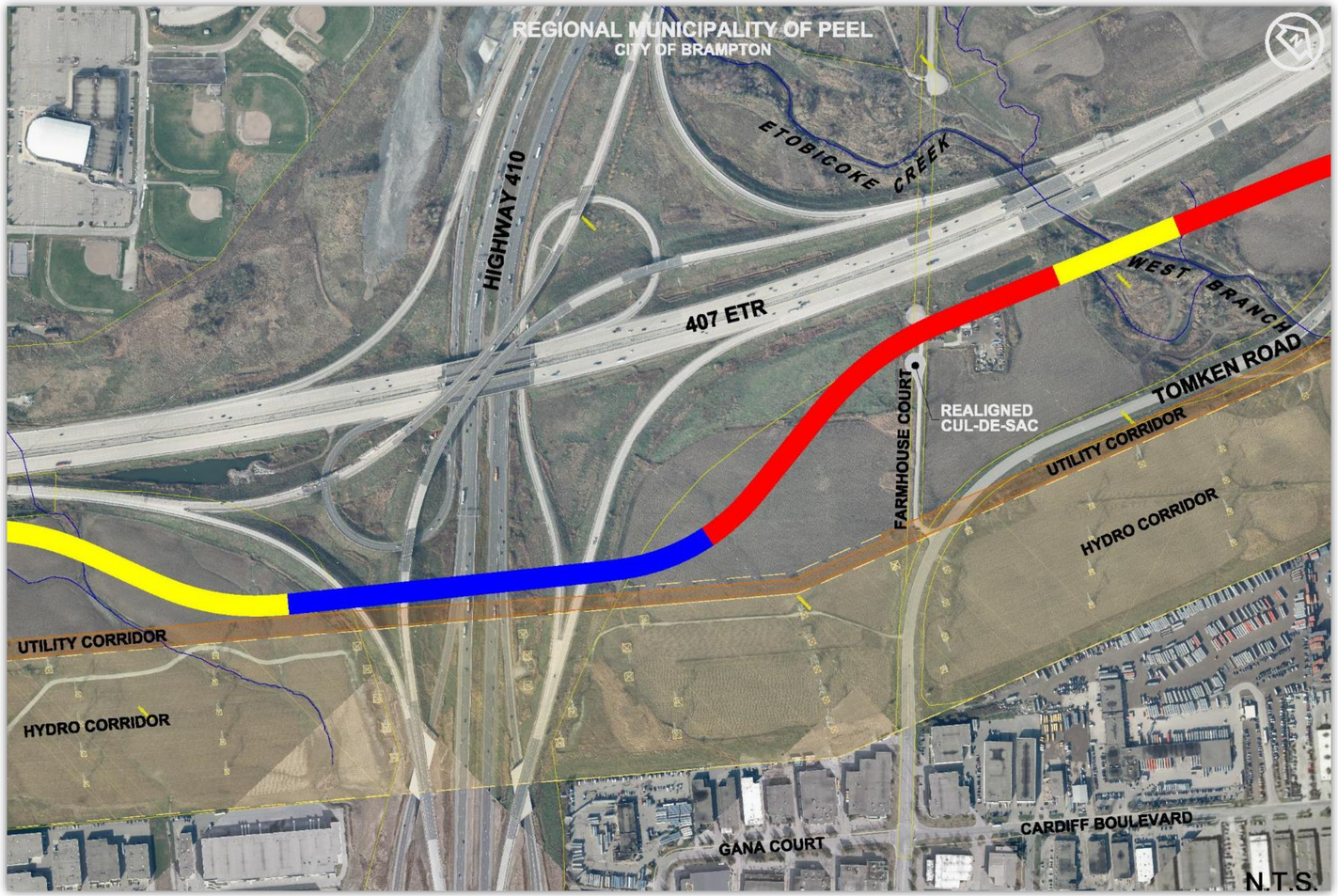
Hurontario Street Station



- Optimum Connection with HuLRT
- Access for All Modes and Active Transportation from Hurontario Street and from Vicksburgh Drive
- 597 Parking Spaces
- 10 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 30 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment B: East of Kennedy Road to West of Tomken Road



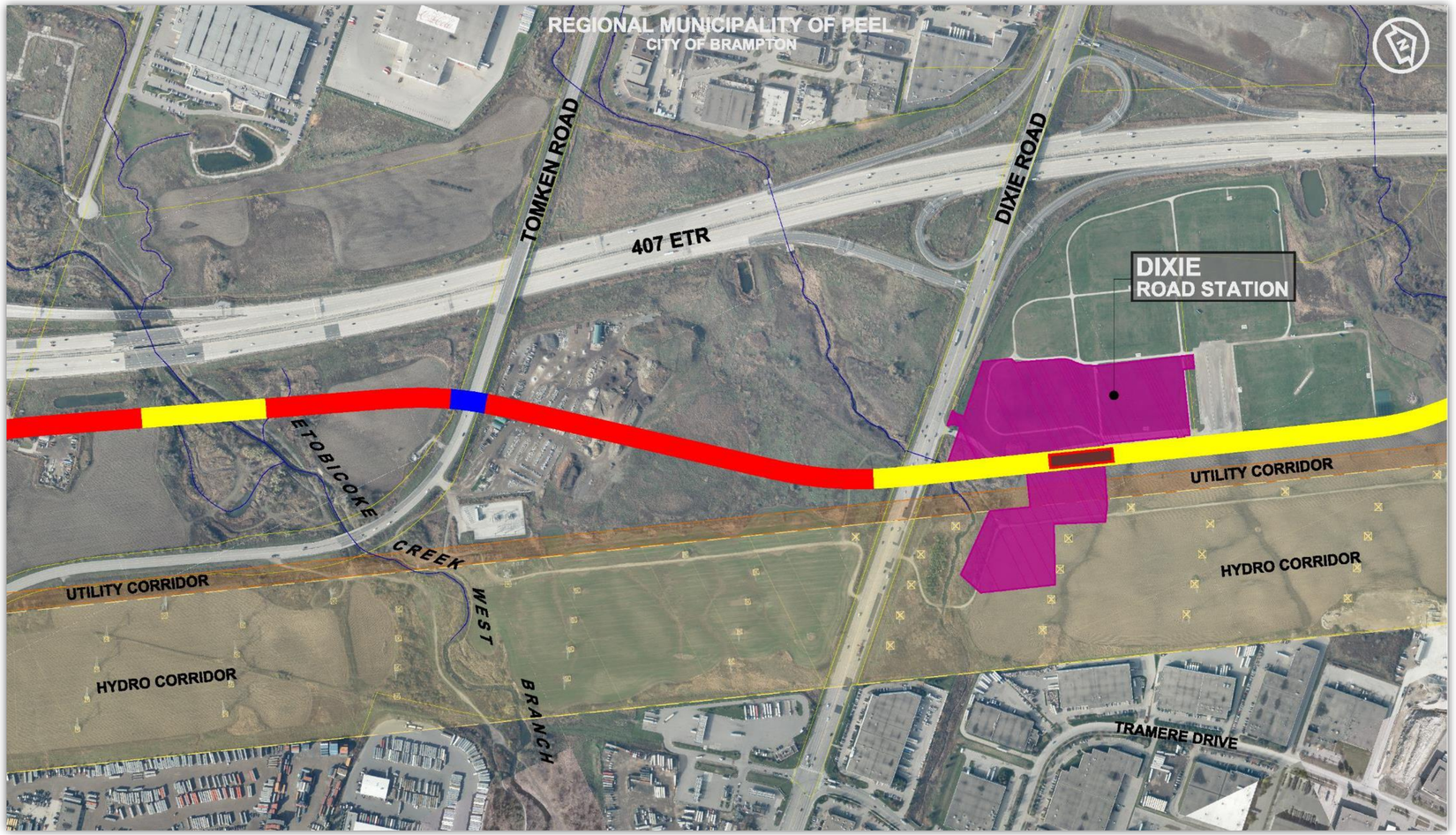
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment tunnels under Highway 410 Interchange.
- ☑ Existing cul-de sac at Farmhouse Court access will be re-aligned.

Preferred Alignment Alternative

Segment C.1: West of Tomken Road to East of Dixie Road



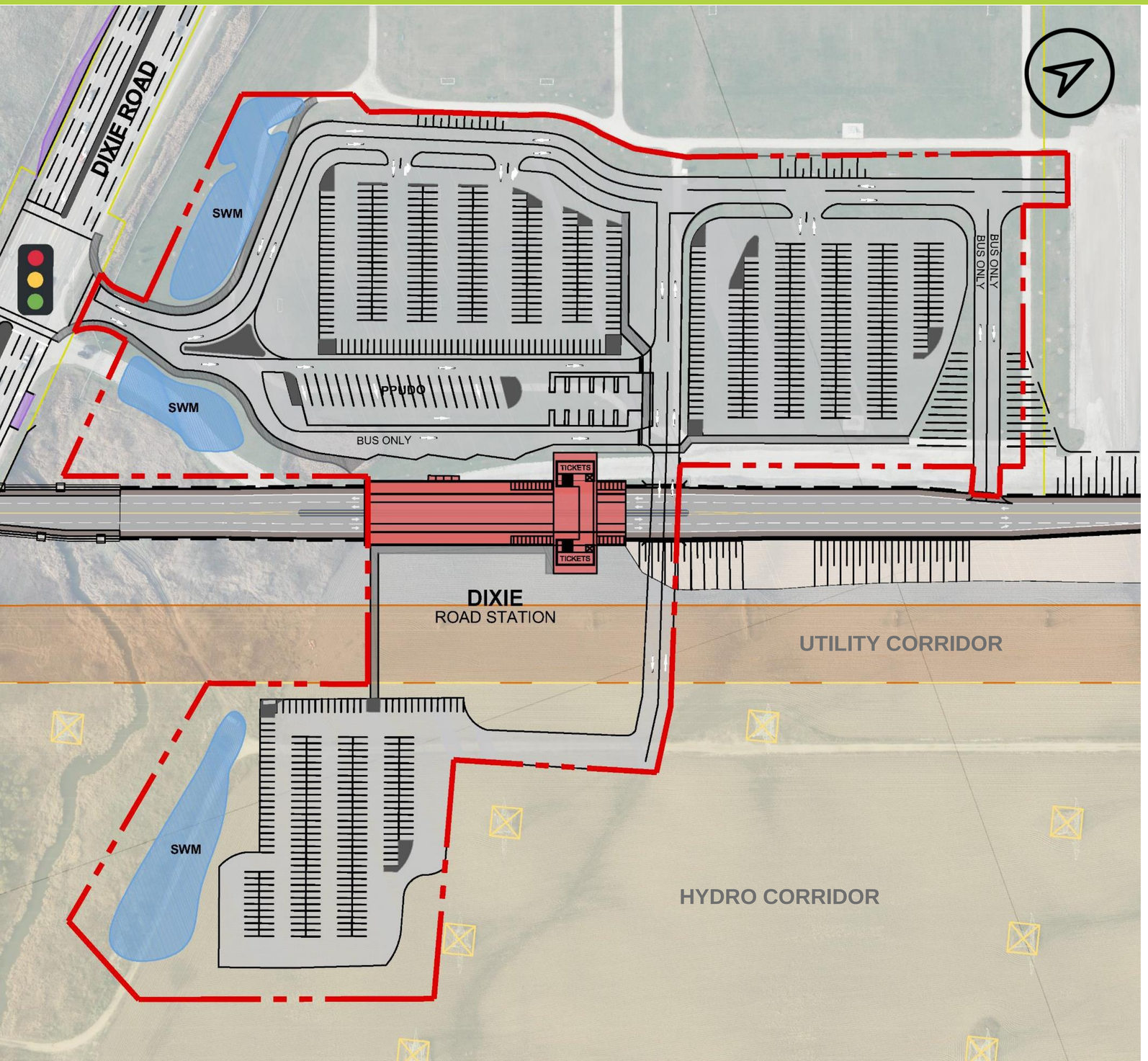
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment bridges over Etobicoke Creek West, crosses under Tomken Road, under Dixie Road and traverses east between soccer fields and Utility Corridor.
- ☑ Design and relocation of displaced soccer fields will be completed prior to construction of Dixie Road Station.

Preferred Station Alternative

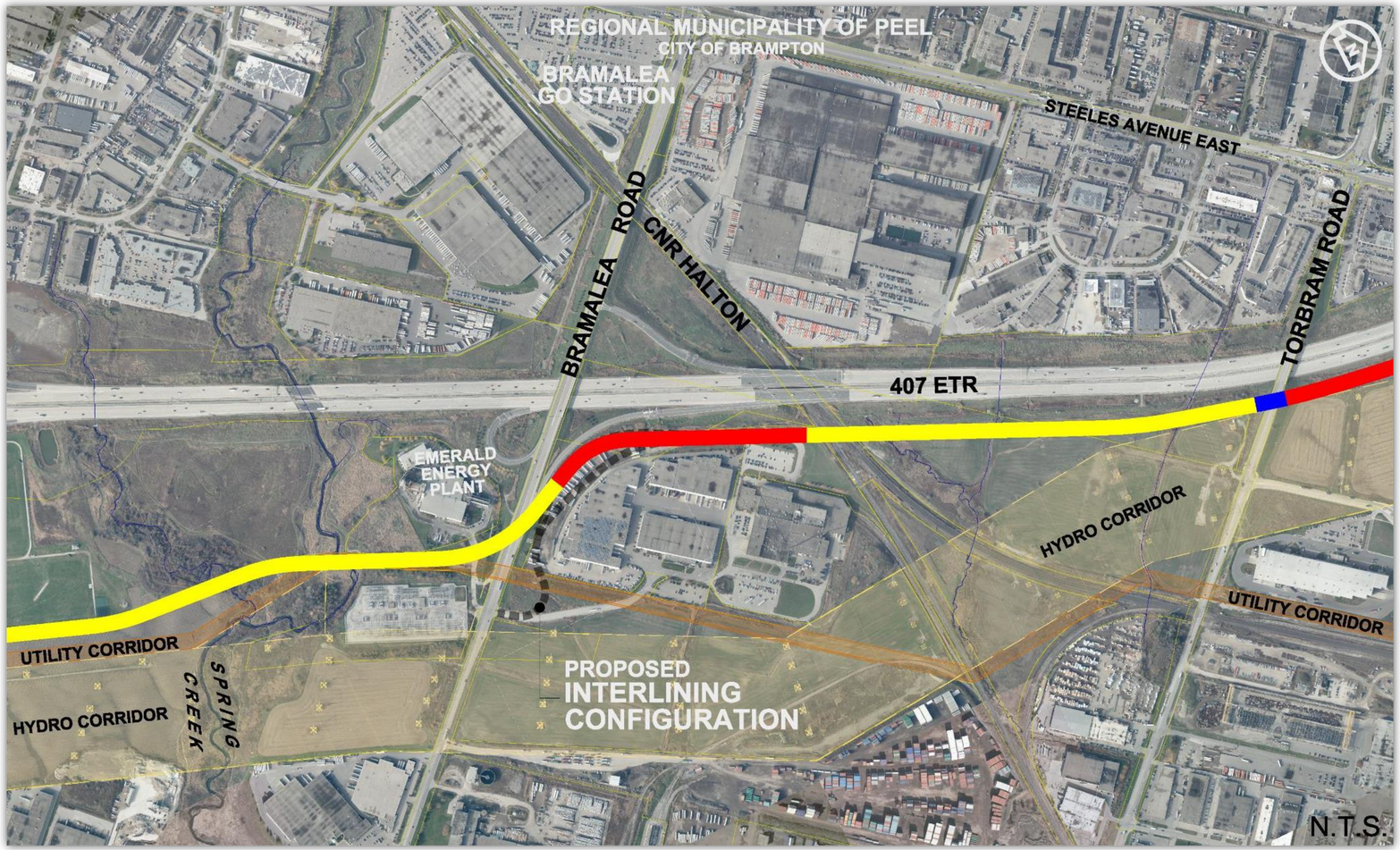
Dixie Road Station



- Connects with Brampton and Mississauga Transit Services
- Cricket Fields not Impacted
  Soccer Fields partially Impacted
- Access for All Modes and Active Transportation from Dixie Road
- 780 Parking Spaces
- 12 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 40 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment C.2: East of Dixie Road to East of Torbram Road



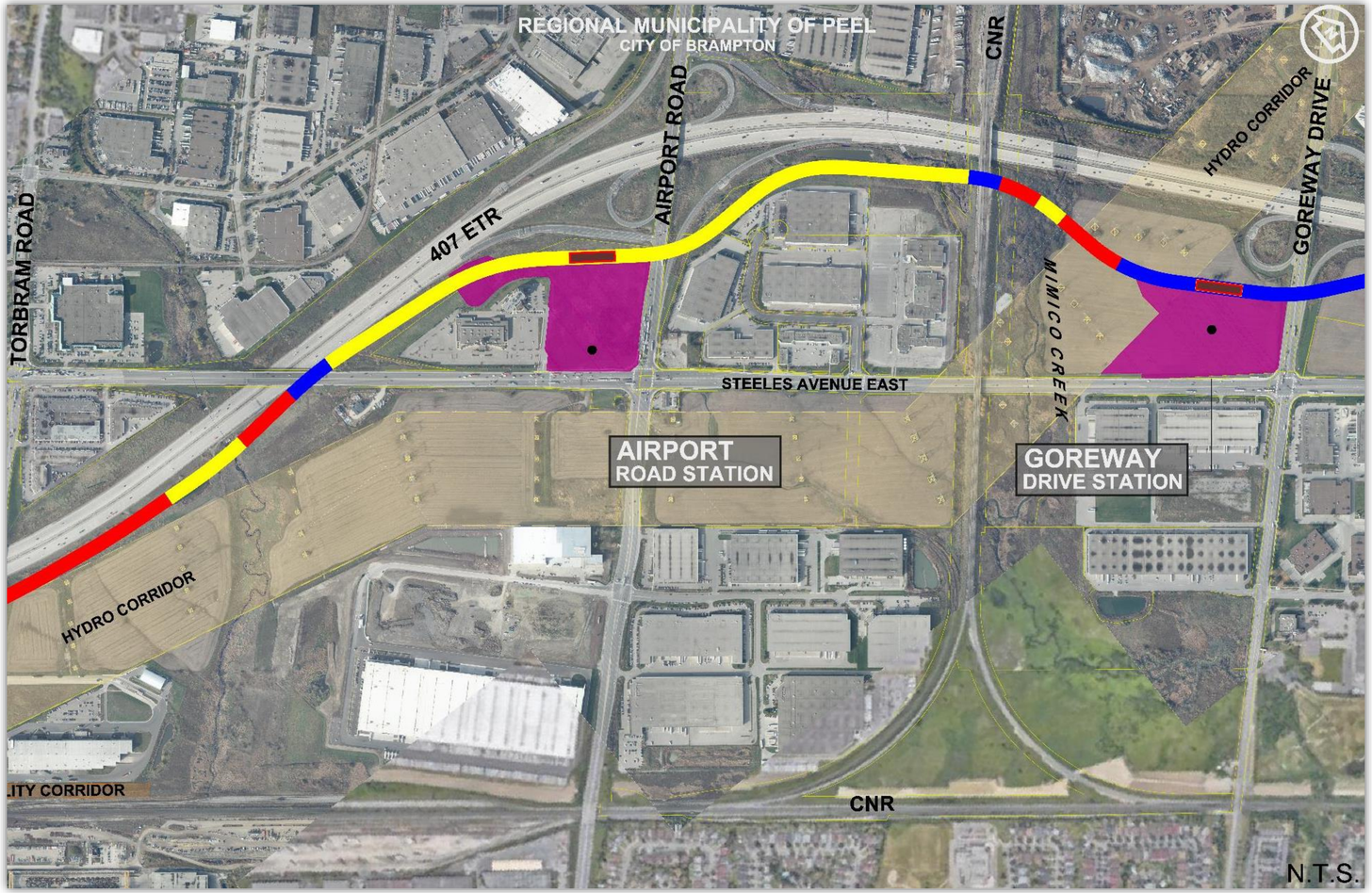
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment traverses south of the Emerald Energy Plant, bridges over Bramalea Road, the CN railway and 3 creeks, then crosses under Torbram Road.
- ☑ **Interlining Configuration** represents a direct and efficient connection to the 407 Transitway for local buses.
- ☑ The Hydro Corridor is not the preferred alignment through this area due to impacts to Hydro One clearances requirements of existing towers.

Preferred Alignment Alternative

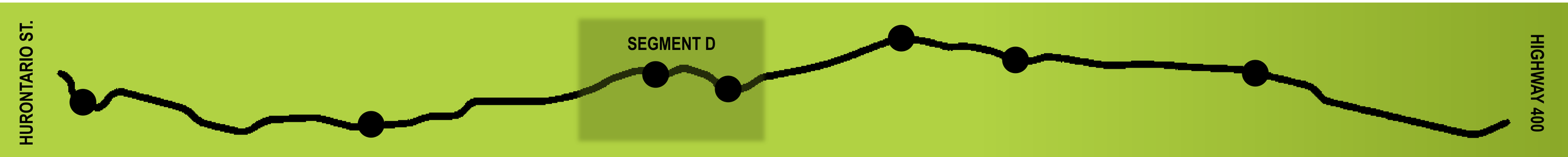
Segment D: East of Torbram Road to East of Goreway Drive



LEGEND

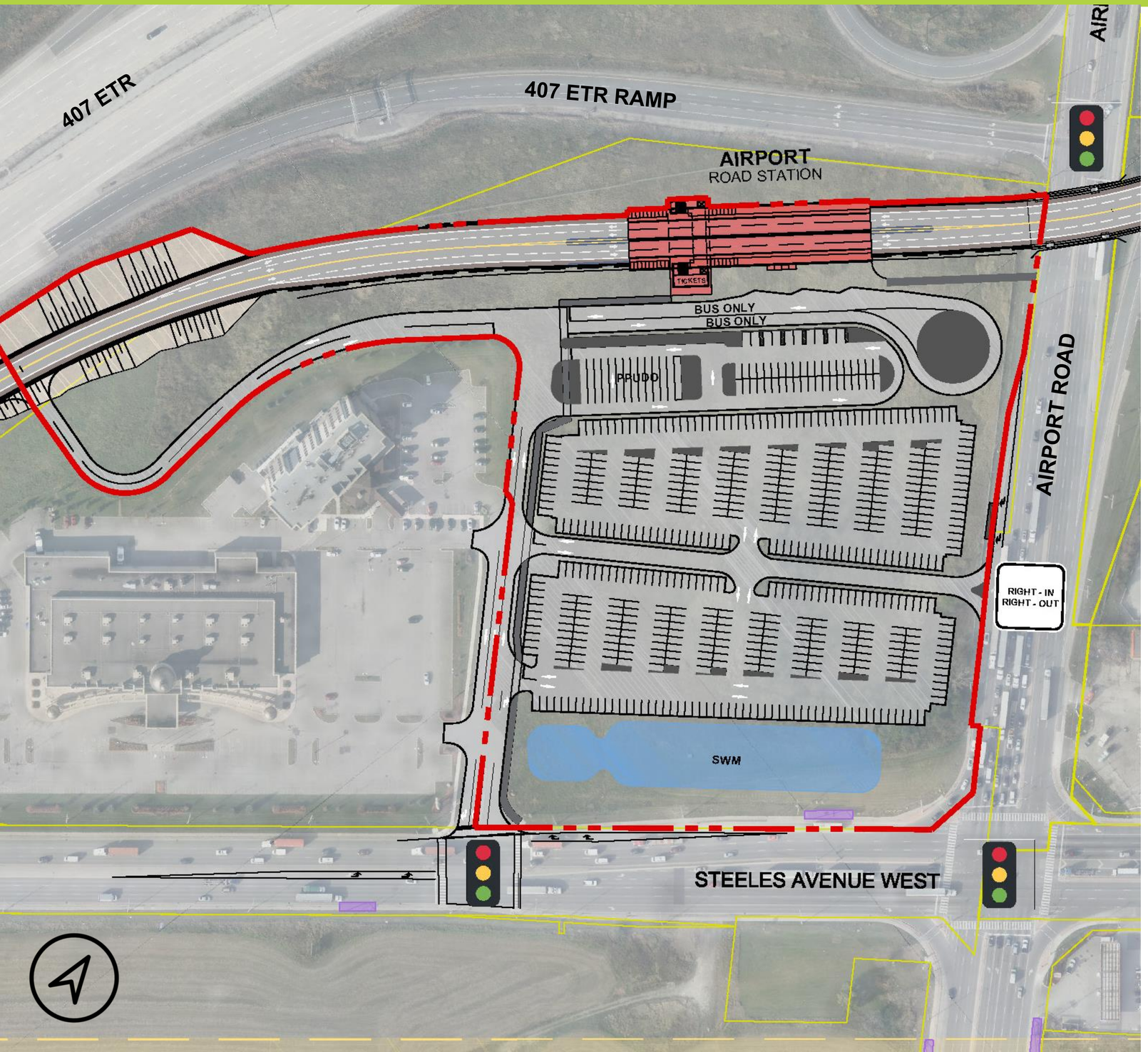
- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment crosses under Steeles Avenue, over Airport Road, under the CN track and under Goreway Drive.
- ☑ Alignment crosses the Hydro Corridor not impacting Hydro One's tower/conductor requirements or their electromagnetic restrictions.



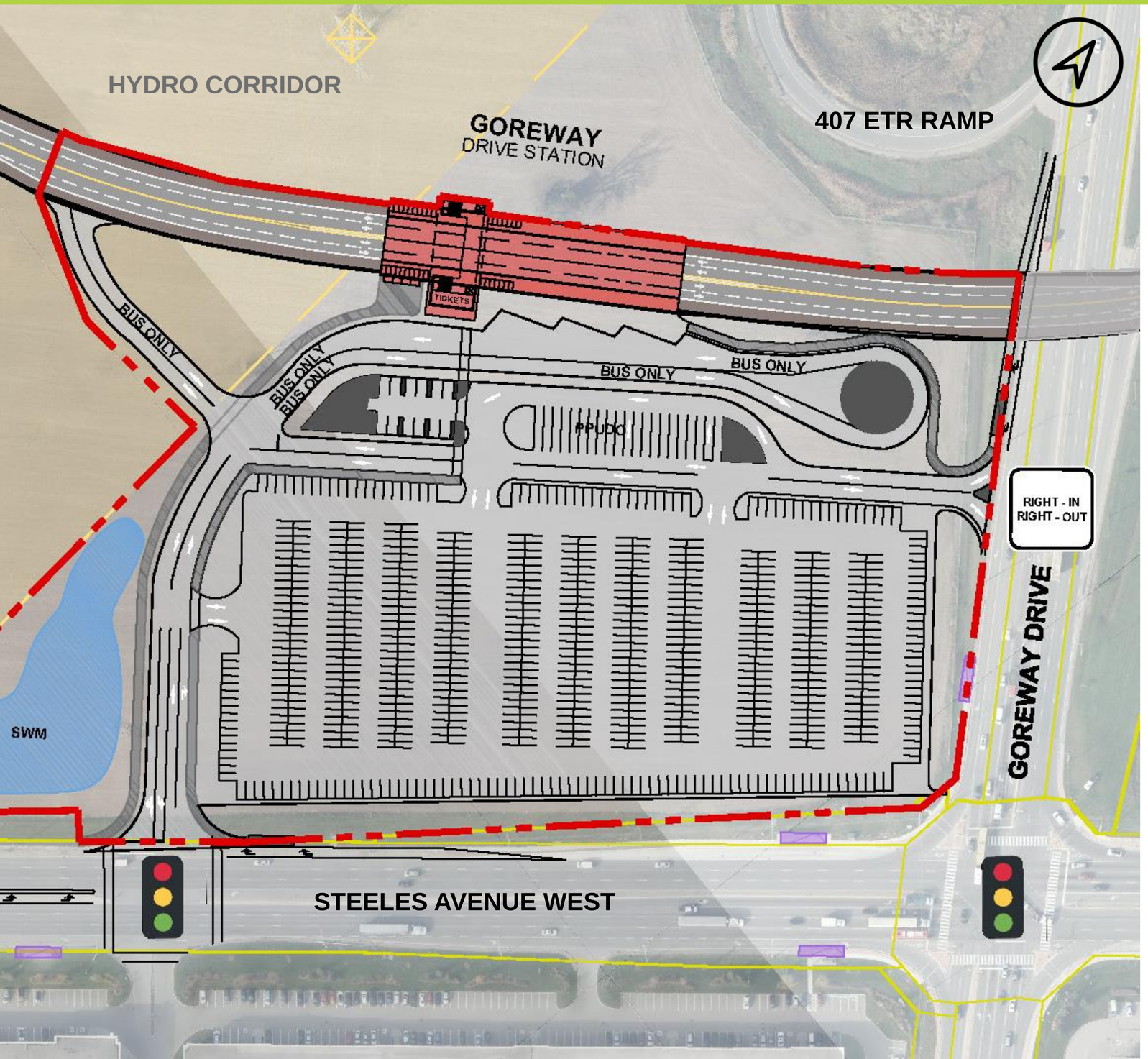
Preferred Station Alternative

Airport Road Station



- Connects with Brampton and Mississauga Transit Services
- Access for All Modes and Active Transportation from Airport Road and from Steeles Avenue
- 560 Parking Spaces
- 10 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 39 Spaces
- Bicycle Shelters

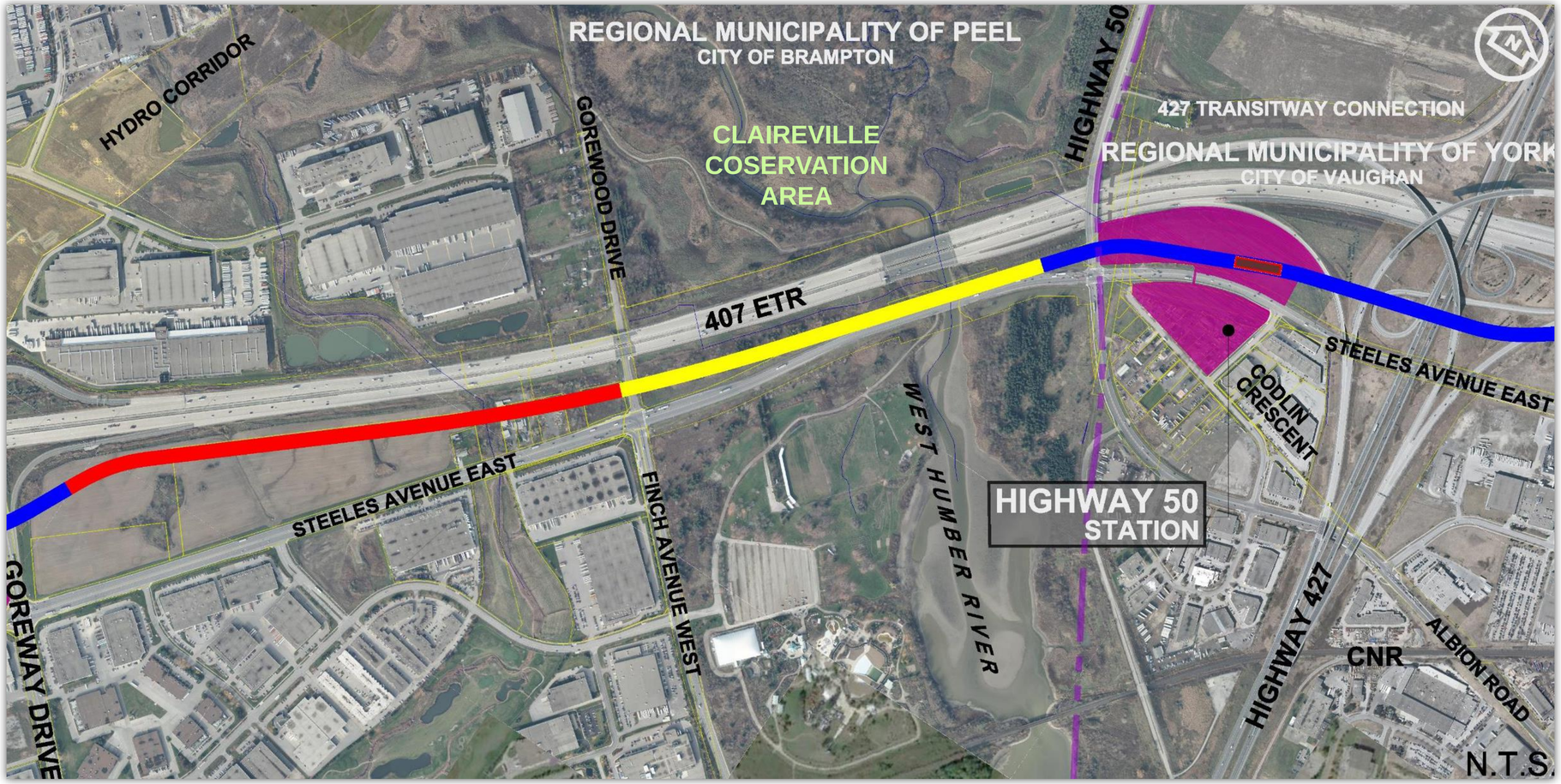
Preferred Station Alternative
Goreway Drive Station



- Connects with Brampton and Mississauga Transit Services
- Access for All Modes and Active Transportation from Goreway Drive Road and from Steeles Avenue
- 795 Parking Spaces
- 12 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 39 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

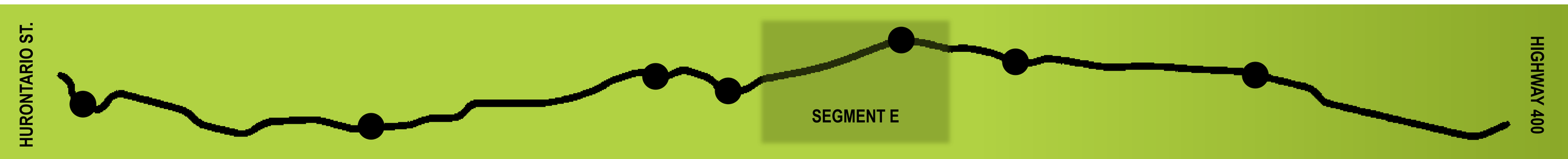
Segment E: East of Goreway Drive to East of Highway 427



LEGEND

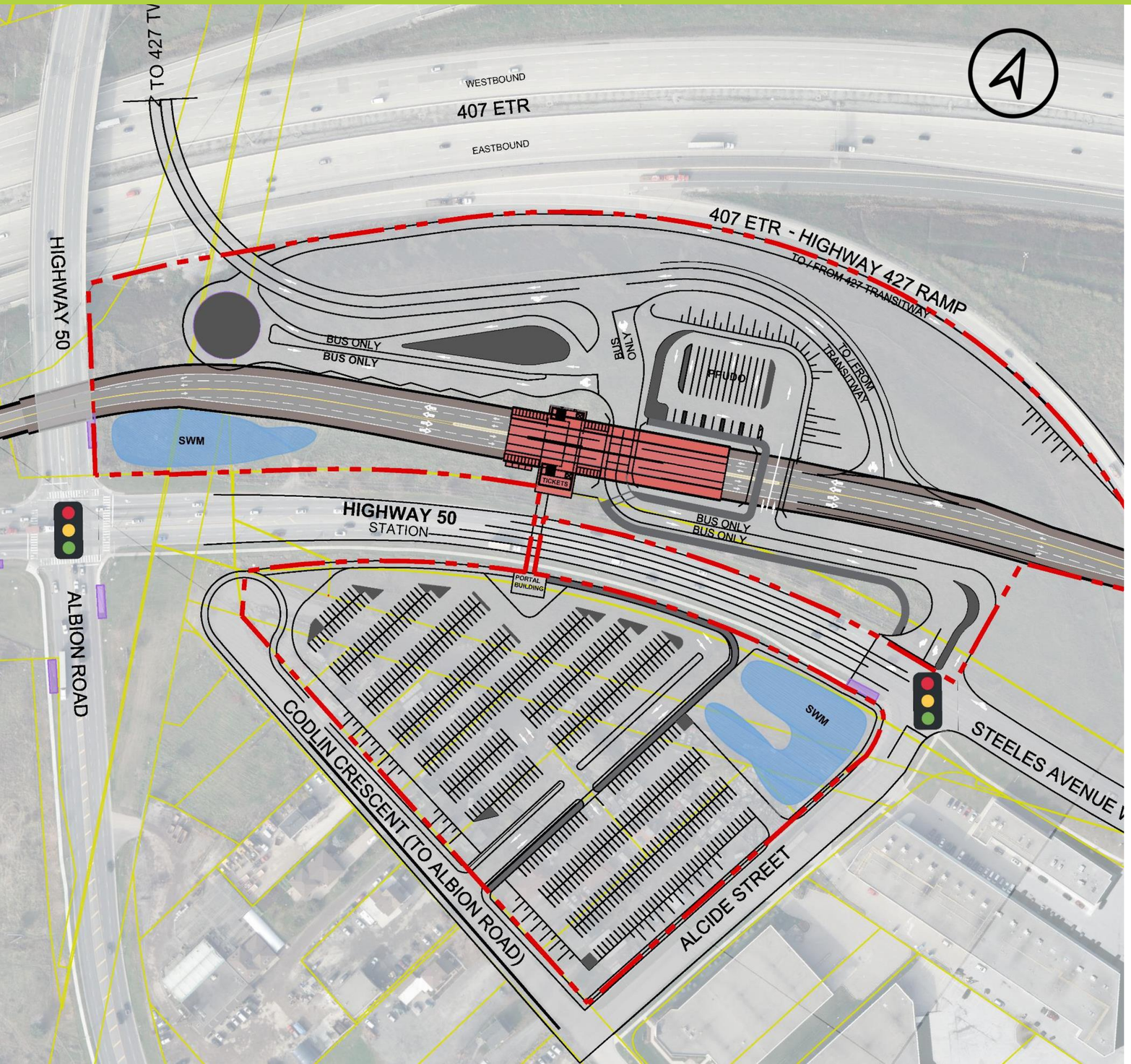
- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

☑ East of Goreway Drive, the alignment is parallel to 407 ETR affecting some private properties, bridging over Gorewood Drive, and tunneling under the Highway 427 Interchange.



Preferred Station Alternative

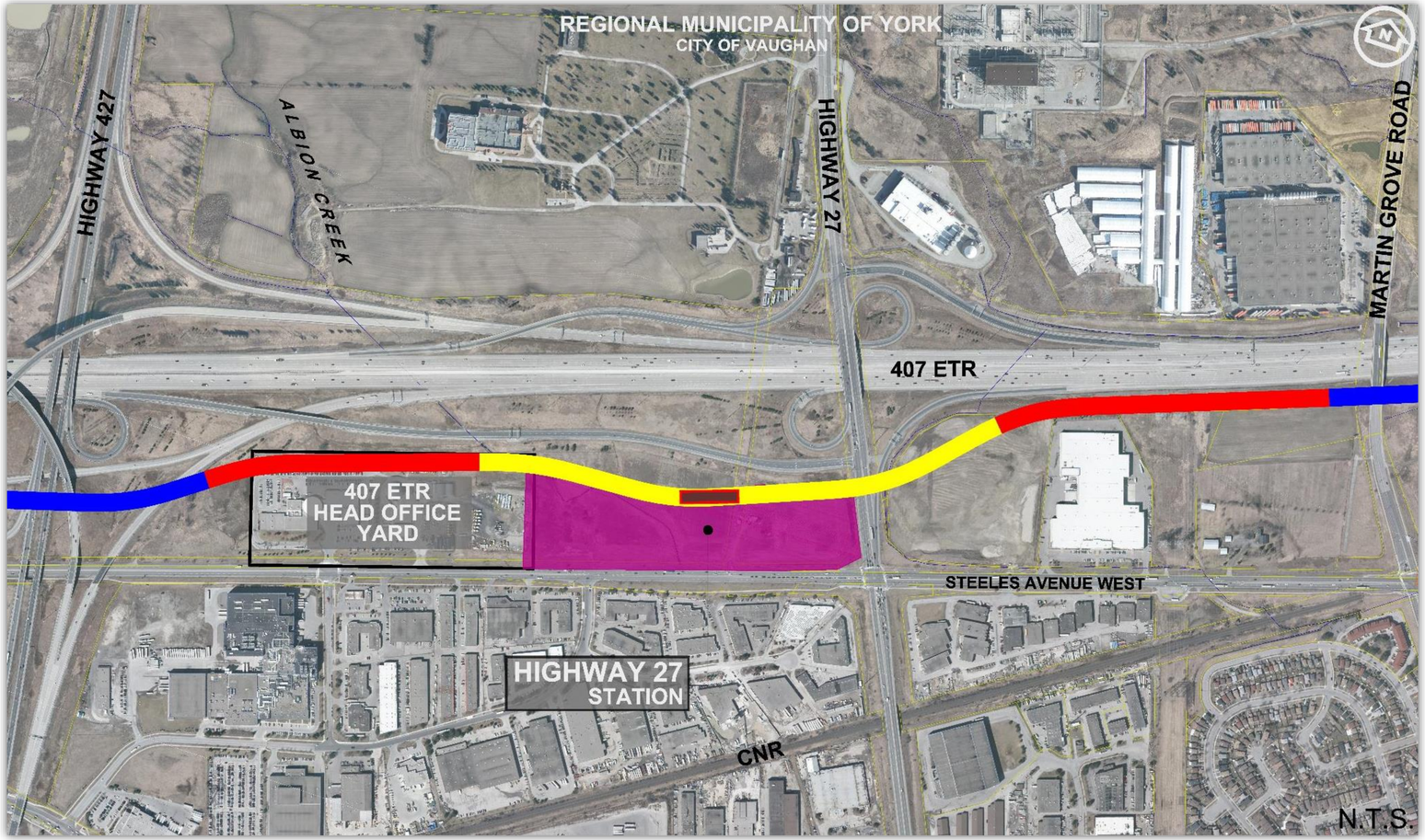
Highway 50 Station



- Station Integrated with Future 427 Transitway Approved Station Site
- Connects to TTC, ZUM and Brampton Transit Services
- Access for All Modes and Active Transportation from Steeles Avenue
- Connects to Highway 427 Southbound Ramp to allow Transit Connection to Pearson Airport
- 645 Parking Spaces
- 10 Accessible Parking Spaces
- 5 Bus Bays
- PPUDO 36 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment F: East of Highway 427 to East of Martin Grove Road



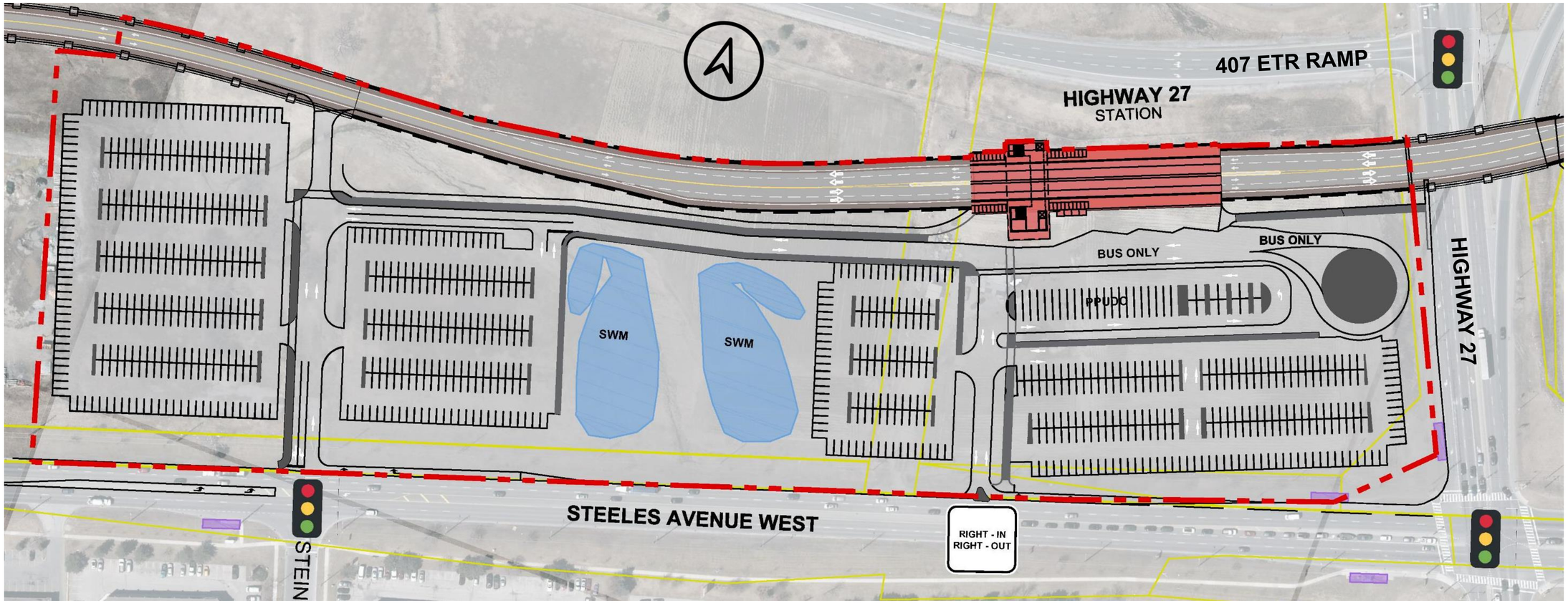
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment is parallel to the ETR ramp to Highway 27, thorough the north side of the 407 ETR Head Office and Yard property.
- ☑ Alignment bridges over Highway 27 and crosses under Martin Grove Road.

Preferred Station Alternative

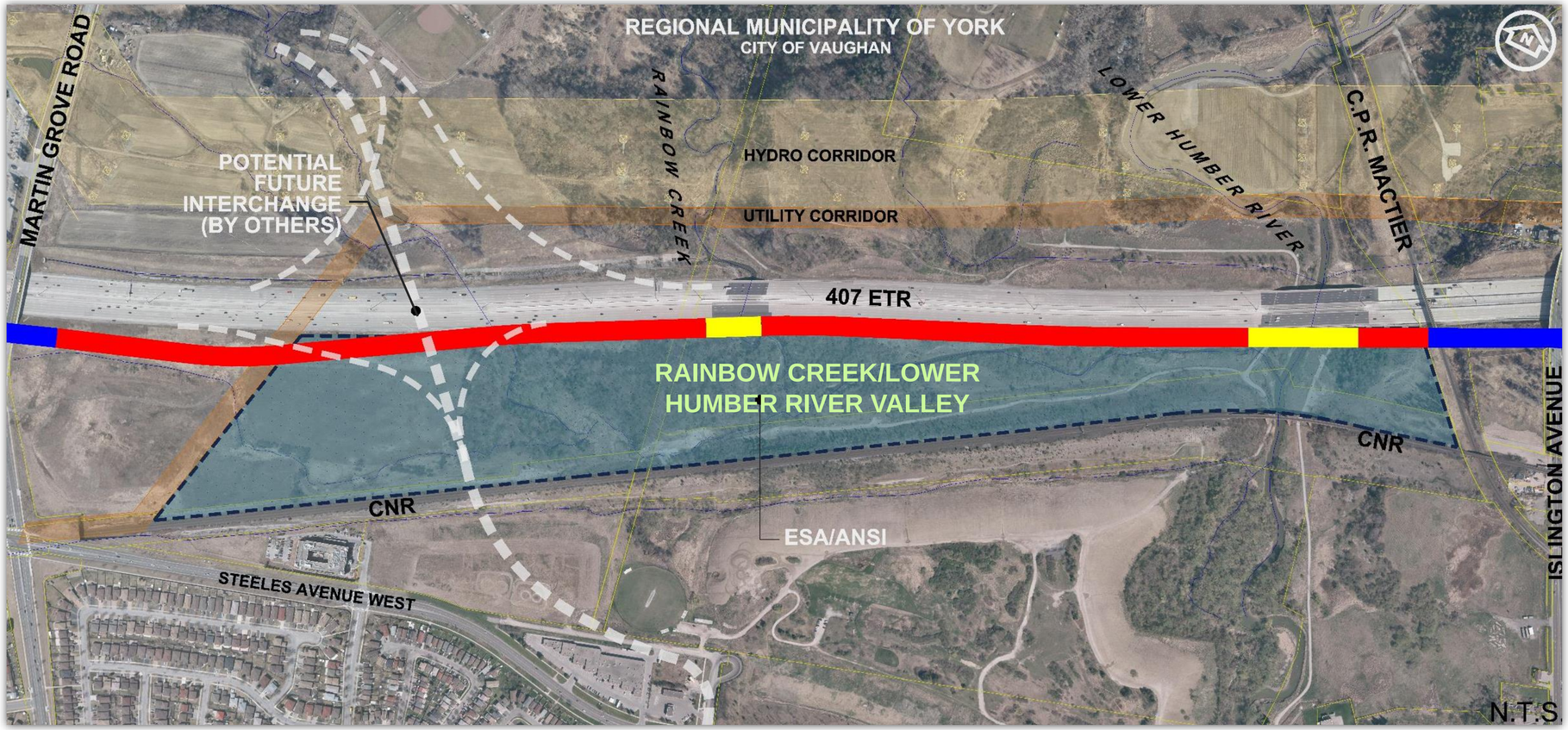
Highway 27 Station



- Connects with YRT and TTC Transit Services
- Access for All Modes and Active Transportation from Steeles Avenue
- 845 Parking Spaces
- 14 Accessible Parking Spaces
- 4 Bus Bays
- PPUDO 44 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment G: East of Martin Grove Road to West of Islington Avenue



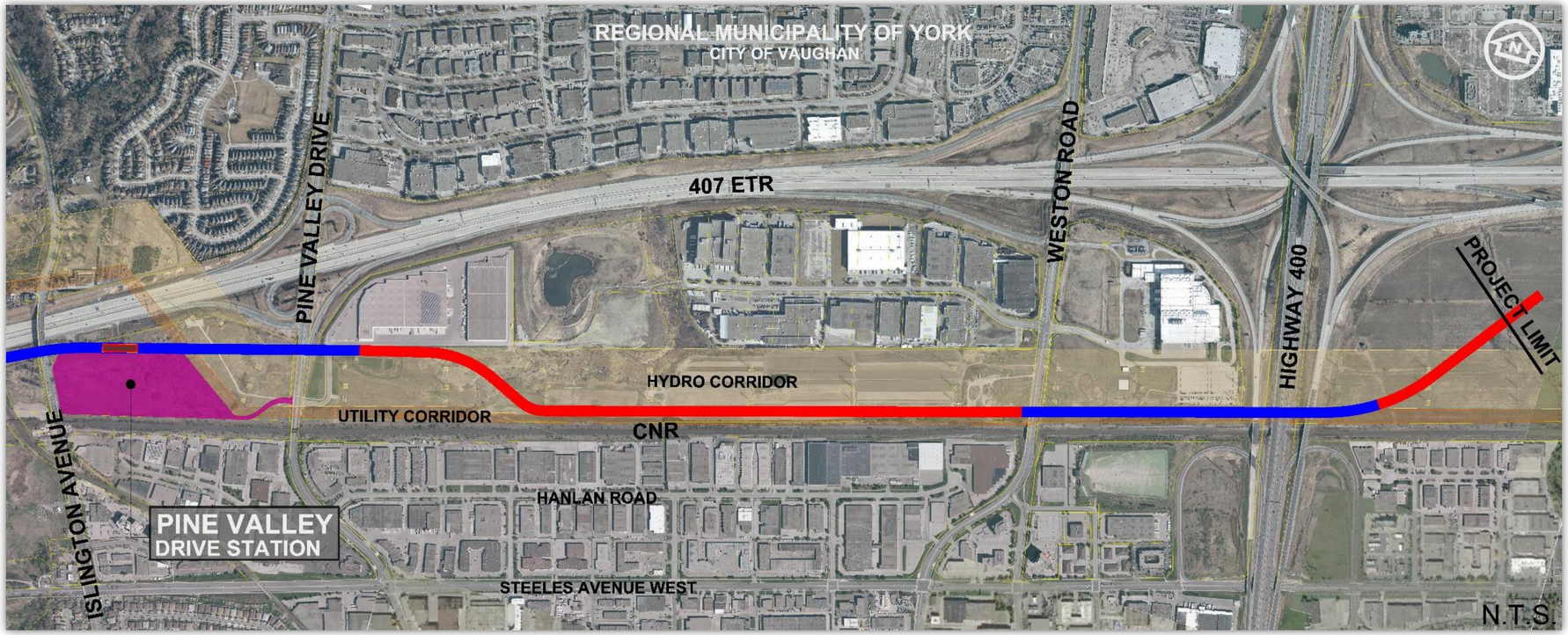
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment traverses very close to 407 ETR to minimize impact on Rainbow Creek/Lower Humber River Valleys.
- ☑ Alignment bridges over Rainbow Creek/Lower Humber River watercourses, crosses under CP track and under Islington Avenue.

Preferred Alignment Alternative

Segment H: West of Islington Avenue to East of Highway 400



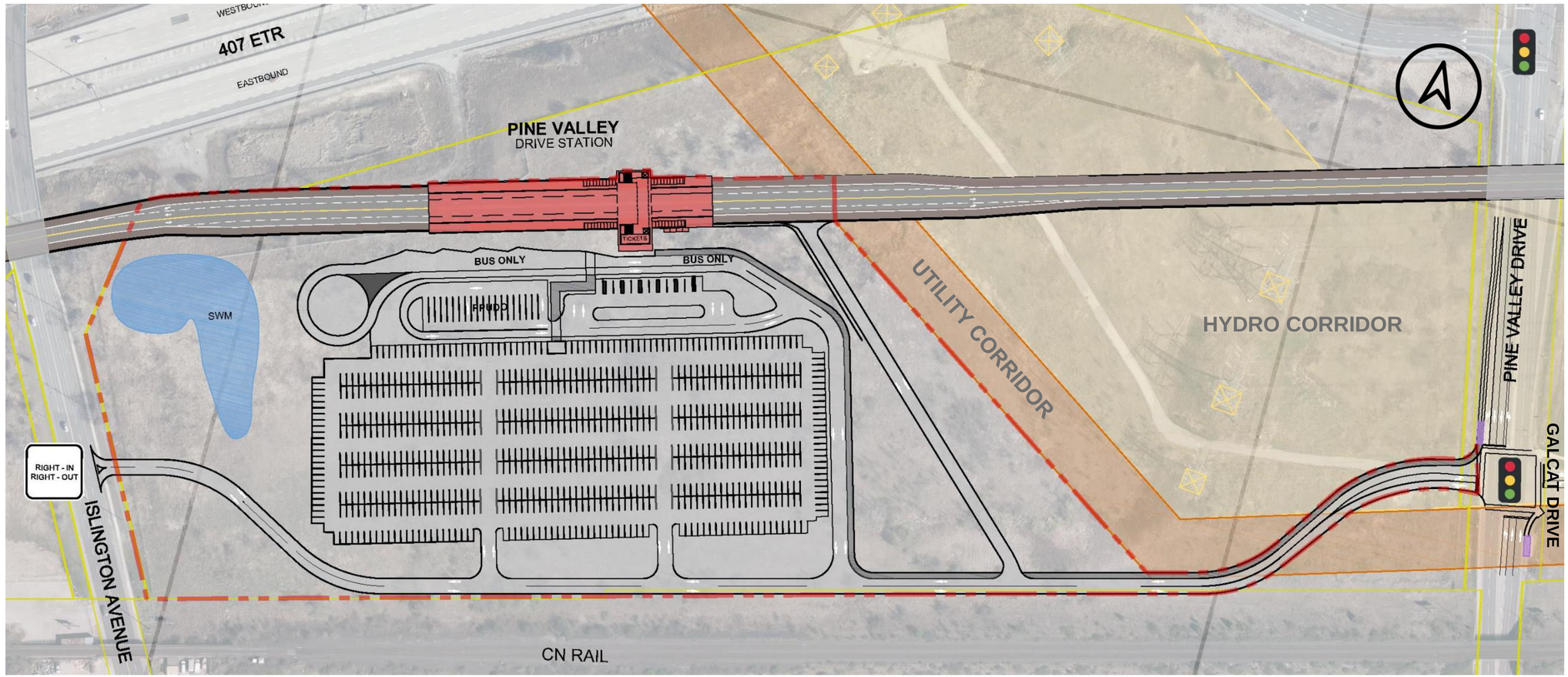
LEGEND

- ALIGNMENT AT-GRADE
- ALIGNMENT ABOVE-GRADE
- ALIGNMENT BELOW-GRADE
- PROPERTY BOUNDARY
- STATION AREA
- STATION PLATFORM

- ☑ Alignment is in a trench through the Pine Valley Drive Station.
- ☑ Alignment crosses under Pine Valley Drive.
- ☑ Alignment crosses the Hydro Corridor not impacting Hydro One's towers/conductor requirements or electromagnetic restrictions.
- ☑ Alignment traverses along south edge of the Hydro Corridor crossing under Weston Road and tunneling under Highway 400 Interchange.

Preferred Station Alternative

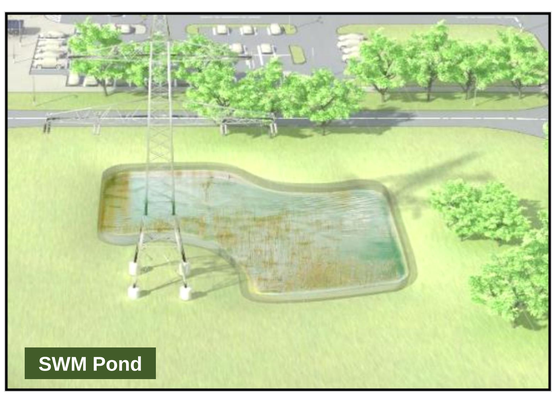
Pine Valley Drive Station



- Connects with YRT and TTC Transit Services
- Access for All Modes and Active Transportation from Galcat/Pine Valley Drive
  Secondary Access (right in/out) from Islington Avenue
- 760 Parking Spaces
- 12 Accessible Parking Spaces
- 4 Bus Bays
- PPUDO 40 Spaces
- Bicycle Shelters

Potential Environmental Impacts and Mitigation Measures

	IMPACTS	MITIGATION
Soils, Contaminated Property and Waste	• Disturbance of soil and utilization and disposal of excess soils/materials. • Potential impacts to contaminated property.	• Utilization and disposal of excess soils/materials will be managed in accordance with regulatory requirements. • Properties of concern will be the subject of further assessment on a case by case basis prior to construction.
Surface Water, Drainage and Stormwater	• Possible impacts on drainage patterns along 407 ETR. Water quality degradation. • Increase in runoff volumes due to increase in impervious areas. • Climate change impacts including increased flooding/extreme weather events.	• Erosion and sedimentation control measures will be implemented to prevent the potential migration of sediments off site. • A drainage and stormwater management plan has been prepared to address potential impacts. Additional capacity incorporated to increase resilience against extreme weather events. Climate change adaptations (i.e., green technologies, permeable pavement) to be considered. • Minor watercourse realignment/regrading is expected at most crossings to ensure flow is safely conveyed through the proposed structures.
Groundwater	• Reduced groundwater recharge/discharge as a result of construction and the expansion of impermeable pavement surfaces. • Potential impacts associated with excavation/construction below the water table and de-watering.	• Reduction in discharge functions during bridge construction is temporary. • Mitigate recharge reduction by implementing permeable pavements and other low impact development infiltration techniques where possible. • Further hydrogeological studies will be conducted prior to construction. • Environmental Activity and Sector Registration or a Permit to Take Water from the MOECC will be secured prior to construction as required.

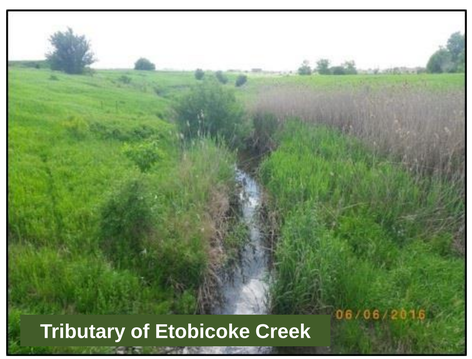

SWM Pond

Marsh Land

Potential Environmental Impacts and Mitigation Measures

	IMPACTS	MITIGATION
Fish and Fish Habitat	• Potential impacts to fish and fish habitat. • There are 24 watercourse crossings located within the project limits and one additional watercourse feature located just beyond the project limits. • Twenty of these watercourses, where work is proposed, directly/indirectly support fish and fish habitat. • Contributing habitat for Redside Dace (an 'Endangered' species listed under the Ontario Endangered Species Act and the Canada Species at Risk Act) is found at one watercourse feature just beyond project limits.	• Any required in-water work will take place within the warmwater timing window (July 1 to March 31) and coldwater/Redside Dace timing window (July 1 to September 15), and during periods of low flow/precipitation. • All required permits/authorizations (i.e., species at risk permits, Fisheries Act Authorization) will be secured prior to construction. • Best management/construction practices will be implemented including erosion and sedimentation control measures, equipment maintenance, maintenance of riparian vegetation, stormwater management, and stabilization and restoration of watercourse banks.
Terrestrial Ecosystems	• Overall, approximately 107 ha of vegetation/vegetation communities will be removed. The vegetation communities are considered widespread and common in Ontario and secure globally. • Minor displacement of/disturbance to wildlife and wildlife habitat. • Thirteen wildlife species at risk have been recorded in the vicinity of the study area, and two wildlife species at risk have potential to be found within the study area. Two wildlife species at risk (Eastern Wood Pewee and Barn Swallow) were confirmed during field investigations. • Woodbridge Cut Environmentally Sensitive Area and Area of Natural and Scientific Interest have been avoided.	• Forest edge, riparian and valleyland management shall take place as required. A detailed landscape/planting plan will be developed prior to construction. • Further field investigations/consultation with MNRF will take place prior to construction to confirm the presence/absence of species at risk. • Requirements under the Species at Risk Act, Endangered Species Act, Migratory Birds Convention Act, and Fish and Wildlife Conservation Act will be met to mitigate any adverse effects on wildlife species. • No vegetation removal/disturbance will occur during the nesting season (April 1 to August 31). • Transitway structures will be designed to maintain wildlife passage.

Eastern Wood Pewee



Tributary of Etobicoke Creek

Barn Swallow

Potential Environmental Impacts and Mitigation Measures

	IMPACTS	MITIGATION
Archaeology	• The Stage 1 Archaeological Assessment identified lands retaining archaeological potential and one previously registered site. Stage 2 Archaeological Assessment is taking place for lands retaining archaeological potential within 300 m of watercourses.	• Any remaining Stage 2 Archaeological Assessment, and any required Stage 3 and Stage 4 archaeological work will take place prior to construction. • The project will be cleared of all archaeological concerns prior to construction.
Cultural Heritage	• Cultural heritage resources will be affected through demolition or alteration to their setting. • One of these resources (farmscape) is listed under the City of Brampton's Heritage Listing.	• Cultural Heritage Evaluation Reports are being prepared. Heritage Impact Assessments will be conducted as required for those resources that retain heritage value. • The Transitway design will preserve the resources to the extent possible. If not feasible, preservation/retention or relocation will be considered.
Land Use/Property	• Potential impacts to designated land use and existing/planned land use. • Much of the property required for the 407 Transitway is provincially owned land and is designated for infrastructure purposes.	• Efforts have been made to ensure that the 407 Transitway is located in lands that are compatible with current municipal land use designations. • Private property requirements have been minimized to the extent possible. Consultation will continue with the affected parties. • Property will be acquired through negotiation or expropriation.
Air Quality and Noise/Vibration	• The project's contribution to the cumulative concentrations of all pollutants of concern was found to be insignificant. Increase in gaseous air pollutants and change in particulate matter was found to be insignificant. • No significant increases in sound of 5 dBA, or more, were predicted for any of the noise sensitive areas; however, many have background sound levels of 65 dBA, or more.	• Best management practices will be implemented to reduce/prevent the release of dust/particulates during construction. • Alternative fuel/technology pathways can be considered prior to construction to reduce the greenhouse gas intensity of the buses. • Construction activities will adhere to local noise by-law regulations. Exemptions will be obtained from the municipalities as necessary. • A Complaints Protocol will be developed prior to construction to address construction noise and vibration complaints from the public.

Lower Humber River

Cultural Meadow

Next Steps

- Input received at this PIC will be reviewed and incorporated into the study, as appropriate.
- The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed *in Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*.
- Once the Notice of Commencement of TPAP has been published, MTO has 120 days to prepare the Environmental Project Report (EPR) and to consult with the public, regulatory agencies, Indigenous and Métis Communities, landowners and other interested persons.
- The Notice of Completion of the EPR will be published and distributed concurrently with the release of the EPR for a 30-day final review. Objections on matters of provincial importance or aboriginal or treaty rights are submitted to the Minister at this time.
- The Minister has an additional 35 days to review the project before giving notice to proceed, proceed subject to conditions or request additional studies.
- MTO will submit a Statement of Completion and then proceed to the 407 Transitway pre-construction phase, implementation, and construction of the 407 Transitway, subject to funding and provincial priorities.

Freedom of Information and Protection of Privacy and Team Contacts

Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act.

Comments and information regarding this study are being collected to assist the MTO in carrying out the study and meeting the requirements of the *Ontario Regulation 231/08 Transit Project & Metrolinx Undertakings*. This material will be maintained on file for use during the project and may be included in project documentation. With the exception of personal information, all comments will become part of the public record.

You are encouraged to contact the project team if you have questions or concerns regarding this study.

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Thank you for your participation in this project.

Website: 407Transitway.com

INDIGENOUS AND MÉTIS COMMUNITIES CONTACT LIST

407 TRANSITWAY WEST
INDIGENOUS AND MÉTIS COMMUNITIES CONTACT LIST

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EXTERNAL AGENCY CONTACT LISTS

407 TRANSITWAY WEST
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Superintendent	Graeme	Turl		York Regional Police	47 Don Hillock Drive		Aurora	Ontario	L4G 0S7	1-866-876-5423		
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Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
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Ms.	Rosanna	DeFrancesca	Ward 3 Councillor	City of Vaughan	Vaughan City Hall, Level 100, 2141 Major Mackenzie Drive		Vaughan	Ontario	L6A 1T1	905-832-8585, Ext. 8339		
Ms.	Sandra	Yeung Racco	Ward 4 Councillor	City of Vaughan	Vaughan City Hall, Level 100, 2141 Major Mackenzie Drive		Vaughan	Ontario	L6A 1T1	905-832-8585, Ext. 8342		
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Mr.	Paul	Jankowski	Commissioner of Public Works	City of Vaughan	Vaughan City Hall, 2141 Major Mackenzie Drive		Vaughan	Ontario	L6A 1T1	905-832-8585, Ext. 8248		
Mr.	Andrew	Pearce	Director, Development Engineerin	City of Vaughan	Vaughan City Hall, 2141 Major		Vaughan	Ontario	L6A 1T1			

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
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Mr.	Eric	Flora	Principal Planner,	Peel Region	10 Peel Centre		Brampton	Ontario	L6T 4B9	905-791-		

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
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Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
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Mr.	Martin	Medeiros	Regional Councillor Wards 3 and 4	City of Brampton	2 Wellington Street West		Brampton	Ontario	L6Y 4R2	905-874-2634	905-874-2644	
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Mr.	Dave	Stowe		Brampton Transit	185 Clark Boulevard		Brampton	Ontario	L6T 4G6			
Mr.	Chuck	Kaizer	Detachment Commander	Ontario Provincial Police	Highway 407 Detachment	100 Bloomington Road West	Aurora	Ontario	L4G 7N5			
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Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
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	Réjean	Sirois	Director of Education	Conseil scolaire de district catholique Centre-Sud	110 Drewry Avenue		Toronto	Ontario	M2M 1C8	416-397-6564	416-397-6576	
Ms.	Patricia	Preston	Director of Education	York Catholic District School Board	320 Bloomingt on Road West		Aurora	Ontario	L4G 0M1	905-713-1211	905-713-1269	
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Mr.	Tony	Pontes	Director of Education	Peel Region District School Board	HJA Education Centre	5650 Hurontari o Street	Mississauga	Ontario	L5R 1C6	905-890-1010		
Ms.	Stephanie	Cox	Manager of Planning	Dufferin-Peel Catholic District School Board	40 Matheson Boulevard West		Mississauga	Ontario	L5R 1C5	1-800-387-9501		
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Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
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407 TRANSITWAY WEST
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407 TRANSITWAY WEST
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Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Honourable	Kirsty	Duncan	M.P. Etobicoke - North	Constituency Office	815 Albion Road	Main Office	Etobicoke	Ontario	M9V 1A3	416-747-6003	416-747-8295	
Honourable	Judy	Sgro	M.P. Humber River-Black Creek	Constituency Office	2201 Finch Avenue West	Main office, Suite 25	Toronto	Ontario	M9M 2Y9	416-744-1882	416-952-1696	
Honourable	Doug	Ford	M.P.P. Etobicoke-North	Constituency Office	823 Albion Road		Etobicoke	Ontario	M9V 1A3	416-745-2859	416-745-4601	
	Tom	Rakocevic	M.P.P. Humber River-Black Creek	Constituency Office	2300 Finch Avenue West	Unit 38	North York	Ontario	M9M 2Y3	416-743-7272	416-743-3292	
	Ulli	Watkiss	City Clerk	City of Toronto	Toronto City Hall	13th Floor West, 100 Queen Street West	Toronto	Ontario	M5H 2N2	416-392-8016	416-392-2980	
Councillor	Vincent	Crisanti	Ward 1 – Etobicoke York	City of Toronto	Toronto City Hall	100 Queen Street West, Suite C54	Toronto	Ontario	M5H 2N2	416-392-0205	416-696-4207	
Ms.	Lorna	Zappone	Project Manager, Infrastructure Planning,	City of Toronto	City Hall, 100 Queen Street West	22 Floor, East Tower	Toronto	Ontario	M5H 2N2	416-392-8650		Lorna.Zappone@toronto.ca

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
			Transportation Infrastructure Management									
Mr.	Neil	Cresswell	Director, Community Planning - Etobicoke York District	City of Toronto	3rd Floor, 2 Civic Centre Court		Toronto	Ontario	M9C 5A3	416-394-8211	416-394-6063	
	Omer	Sydeqi	Engineering Technologist Technician 3, Utility Mapping, Engineering & Construction Services	City of Toronto	275 Merton Street		Toronto	Ontario	M4S 1A7	416-392-8474		
Mr.	Len	Stadler	Division Commander	Toronto Fire Services, West Command	2015 Lawrence Avenue West		Toronto	Ontario	M9N 3V5	416-338-9059	416-338-9079	
			Planning, Special Events and Emergency Management	Toronto Paramedic Services	4330 Dufferin Street		Toronto	Ontario	M3H 5R9	416-392-2248	416-392-2115	emsplanning@toronto.ca

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Superintendent	Ron	Taverner	23 Division	Toronto Police Service	40 College Street		Toronto	Ontario	M5G 2J3	416-808-2300	416-808-2302	
Ms.	Mary-Ann	George	Senior Transportation Planner, Strategy & Service Planning Dept.	Toronto Transit Commission	5160 Yonge Street, 9th Floor		Toronto	Ontario	M2N 6L9	416-393-4471	416-338-0400	
Mr.	Bill	Dawson	Service Planning	Toronto Transit Commission	5160 Yonge Street, 6th Floor		Toronto	Ontario	M2N 6L9	416-393-4490		bill.dawson@ttc.ca
Ms.	Donna	Quan	Director of Education	Toronto District School Board	5050 Yonge Street		Toronto	Ontario	M2N 5N8	416 395 8201		
Ms.	Denise	Harris	Chief Historian	Etobicoke Historical Society								denise.harris@sympatico.ca

INDIGENOUS AND MÉTIS COMMUNITIES LETTERS

Ministry of Transportation

Planning and Design Section
Central Region - Engineering

4th Floor, Bldg. D
1201 Wilson Avenue
Downsview, ON M3M 1J8
Tel: (416) 235-5255
Fax: (416) 235-3576

Ministère des Transports

Section de planification et de conception
Région du Centre – Ingénierie

4e étage, édifice D
1201 avenue Wilson
Downsview, ON M3M 1J8
Tel : (416) 235-5255
Téléc: (416) 325-3576

Ontario

lndigenous and Métis Communities
Initial Contact Letter

November 12, 2015

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Notification of Study Commencement

The Ontario Ministry of Transportation (MTO) is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The purpose of this letter is to introduce the study, to request your participation, and to obtain available background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your organization may have regarding the study.

Parsons is managing the study on behalf of MTO. LGL Limited will be providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which include Planning and Preliminary Design for the 407 Transitway. One Public Information Centre (PIC)

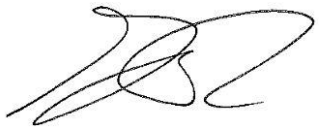
will be held prior to the commencement of the TPAP and a second PIC will be held during the formal initiation of the TPAP for this study. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning and Preliminary Design and will be released for public review and comment. You will receive notification of the PICs, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the EPR). The "Notices of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers. All information produced as part of this project is available at **www.407transitway.com**.

Considering the scope of work for this study, it has been determined by the study team that archaeological investigations will be required in the vicinity of the corridor.

Please complete the attached form and return it to my attention by **December 11, 2015**. The study team is interested in hearing any comments you might have about this study. Should you require further information regarding this study or should you prefer to meet with Ministry staff, please feel free to contact me.

Thank you for your co-operation.

Yours sincerely,



Graham DeRose
Project Manager
Ministry of Transportation

c.c. Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons
George Ivanoff, LGL Limited

Attach

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Update contact information if necessary

_____
_____
_____
_____
_____
_____
_____

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress.	☐
I have no concerns about the study and I can be removed from your contact list.	☐
I will be commenting on this study by the date specified.	☐
I will be providing background information related to this study by the date specified.	☐
I am interested in receiving the following additional information about the study:	☐

_____

_____

_____

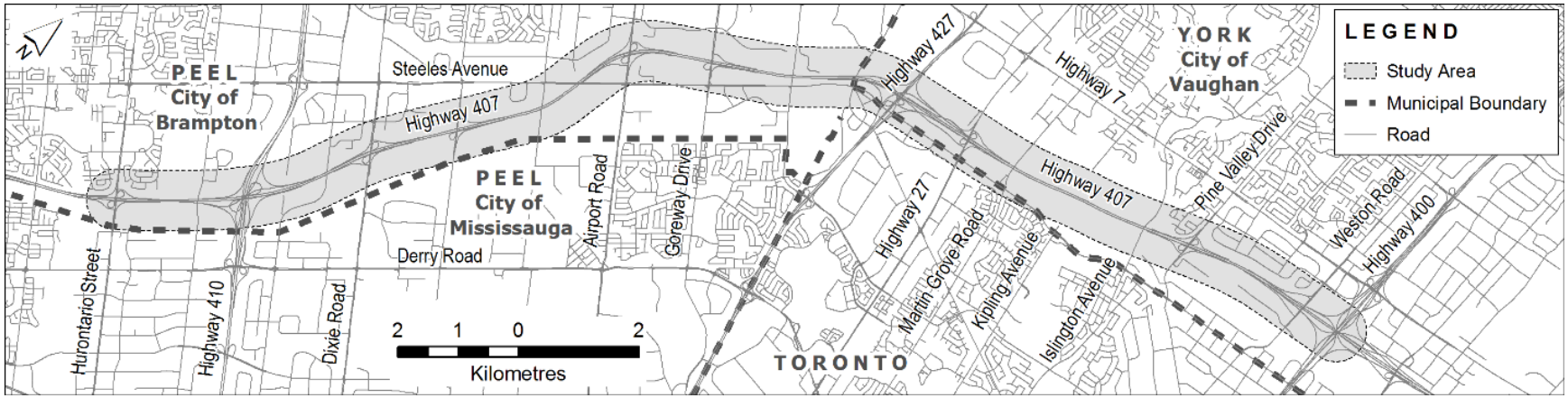
_____

_____

_____

Please return this completed form by December 11, 2015:

Graham DeRose
MTO Project Manager
Route Planning and Transit Initiatives
Ministry of Transportation, Central Region
Building D, 1201 Wilson Avenue, 4th Floor
Toronto, Ontario, M3M 1J8
Tel: 416-235-5255, Fax: 416-235-3576
E-mail: graham.derose@ontario.ca



KEY PLAN OF THE STUDY AREA

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

November 18, 2016

Indigenous and Métis Communities
PIC #1 Invitation Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
Public Information Centre #1 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is undertaking the above referenced 407 Transitway project. The project is currently at the Planning Study phase prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform your community of the first Public Information Centre (PIC) that will be held for this project. Your council and community members are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

As part of this study, field investigations as they pertain to the surrounding natural, social and cultural environments are being undertaken and assessments/reports will be completed, including:

../2

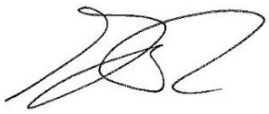
- Fish and Fish Habitat Existing Conditions and Impact Assessment Report;
- Terrestrial Ecosystems Report, including ecological land classification (ELC), botanical inventory, migratory bird activity, and wildlife activity and habitat;
- Groundwater Existing Conditions and Impact Assessment Report;
- Stage 1/2 Archaeological Assessment following Ministry of Tourism, Culture and Sport guidelines for the completion of archaeological assessments; and,
- Built Heritage and Cultural Heritage Landscape Assessment within the study limits.

Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning, Environmental Assessment and Preliminary Design which will be released for agency and public review and comments. You will receive notification of the formal commencement of the Transit Project Assessment Process, the second PIC and of the release of the EPR (to inform you of opportunities to review the Report). The “Notice of Commencement of TPAP”, “Notice of PIC”, and “Notice of Completion of EPR” will also be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

If you are unable to attend the PIC and would like further information regarding this study, please feel free to contact the undersigned at 416-235-5255 or via e-mail at graham.derose@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange for a meeting at your earliest convenience.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,



Graham DeRose
Project Manager

Attachment

c.c. Sarah Merriam, MTO Senior Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
Khaled El-Dalati, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
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Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

December 12, 2017

Indigenous and Métis Communities
Draft EPR Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
DRAFT Environmental Project Report

The Ministry of Transportation of Ontario (MTO) is conducting the Transit Project Assessment Process (TPAP) for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. In advance of formally announcing the 120 day consultation and documentation period, MTO has completed a Draft Environmental Project Report for this project in accordance with *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act.* The 407 Transitway within this section includes seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of sites along the 407 Transitway facility will also be protected for future environmental compensation. These sites are located east of Hurontario Street, between Kennedy Road and Tomken Road, west of Torbram Road, east of Martin Grove Road, and west of Weston Road. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

The first Public Information Centre (PIC) for this project was held in December 2016. The second PIC for this project will be held in January 2018 to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures. Notification of PIC #2, the formal commencement of the 120 day TPAP period and the release of the Final Environmental Project Report will be published in local newspapers and letters of notification will be sent to you. All information produced as part of this project is available at **www.407transitway.com**.

The purpose of this letter is to notify your community of the availability of the Draft Environmental Project Report (EPR) for your review/comment. The following investigations/technical reports have also been completed for this project and the results of the investigations (as well as the reports) are included in the Draft EPR:

- Stage 1 Archaeological Assessment Report and Supplementary Documentation;
- Drainage Report;
- Fish and Fish Habitat Existing Conditions and Impact Assessment Report;
- Terrestrial Ecosystems Existing Conditions and Impact Assessment Report (including an assessment of vegetation and vegetation communities, wildlife and wildlife habitat, species at risk and designated natural areas);
- Cultural Heritage Resource Assessment (with further cultural work on-going);
- Land Use Factors Report - Impact Assessment;
- Air Quality Impact Assessment;
- Noise and Vibration Impact Assessment;
- Landscape Composition Report;
- Secondary Source Groundwater Investigation and Assessment Report; and,
- Contamination Overview Study.

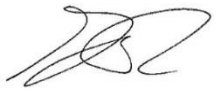
Please note that, as part of this project, a Stage 2 Archaeological Assessment, including test pit and pedestrian surveys, is currently being undertaken on lands retaining archaeological potential (identified during the Stage 1 Archaeological Assessment) that may be disturbed by the proposed Transitway construction lying within 300 m of watercourses/waterbodies (where permission to enter was secured) to identify any sites/lands requiring further assessment (i.e. Stage 3 or Stage 4 Site Specific Archaeological Assessment). The results of the Stage 2 Archaeological Assessment have not been included in the Draft EPR as this work is on-going. When completed, you will receive notification that the Stage 2 Archaeological Assessment Report is available for review. All remaining Stage 2 Archaeological Assessment not completed during the project, and any required Stage 3 and Stage 4 Archaeological Assessment (including Stage 3 Site Specific Archaeological Assessment for one previously registered site (AkGv-121)), will be completed prior to construction.

We kindly request that any comments on these documents be provided by **January 24, 2018**. The documents will be available at the following project website on December 15, 2017:

Website: http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html
Username: stakeholder
Password: kH_5*jr

Should you require further information regarding this study, please feel free to contact the undersigned at 416-235-5255 or via e-mail at graham.derose@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange for a meeting at your earliest convenience.

Sincerely,



Graham DeRose
Project Manager

c.c. Larry Sarris, MTO Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
John McGill, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

January 5, 2018

Template PIC #2 Invitation Letter Sent to Indigenous and Métis Communities on Contact List

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform your community of the second Public Information Centre (PIC) that will be held for this project. Your council and community members are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016 and a letter of invitation was mailed to you/your community prior to the PIC.

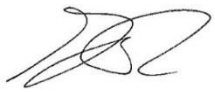
Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. Please note that a letter was mailed to you/your community on December 12, 2017 providing notification of the availability of the Draft EPR (including environmental reports as they pertain to the natural and cultural features in the study area) for your review/comment. You will receive notification of the formal

commencement of the 120-day TPAP period and of the release of the Final EPR. The "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

If you are unable to attend PIC # 2 and would like further information regarding this study, please feel free to contact the undersigned at 416-235-5255 or via e-mail at graham.derose@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange for a meeting at your earliest convenience.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,



Graham DeRose
Project Manager

Encl – Notice of PIC 2 OGN

c.c. Larry Sarris, MTO Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
John McGill, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

April 17, 2018

lndigenous and Métis Communities
TPAP Commencement Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you/your community of the commencement of the TPAP period for the 407 Transitway project. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

At the end of the formal 120-day TPAP period, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you/your community will be sent a final contact letter to inform you/your community of opportunities to review the EPR. Please note that notification of the availability of the Draft EPR for review/comment was provided to you/your community via letter on December 12, 2017.

As noted in my letter dated December 12, 2017, the following investigations/technical reports have also been completed for this project and the results of the investigations (as well as the reports) will be included in the EPR:

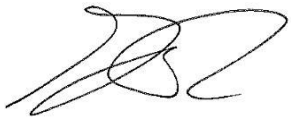
- Stage 1 Archaeological Assessment Report;
- Drainage Report;
- Fish and Fish Habitat Existing Conditions and Impact Assessment Report;
- Terrestrial Ecosystems Existing Conditions and Impact Assessment Report (including an assessment of vegetation and vegetation communities, wildlife and wildlife habitat, species at risk and designated natural areas);
- Cultural Heritage Resource Assessment;
- Cultural Heritage Evaluation Reports for eight cultural heritage resources;
- Land Use Factors Report - Impact Assessment;
- Air Quality Impact Assessment;
- Noise and Vibration Impact Assessment;
- Landscape Composition Report;
- Secondary Source Groundwater Investigation and Assessment Report; and,
- Contamination Overview Study.

A Stage 2 Archaeological Assessment, including test pit and pedestrian surveys, is currently being undertaken on lands retaining archaeological potential (identified during the Stage 1 Archaeological Assessment) that may be impacted by the proposed Transitway construction lying within 300 m of watercourses/waterbodies (where permission to enter was secured) to identify any sites/lands requiring further assessment (i.e. Stage 3 or Stage 4 Site Specific Archaeological Assessment). The results of the Stage 2 Archaeological Assessment were not included in the Draft EPR as this work is on-going. All remaining Stage 2 Archaeological Assessment not completed during the project, and any required Stage 3 and Stage 4 Archaeological Assessment, will be completed prior to construction.

All information produced as part of this study is available at **www.407transitway.com**. If you would like further information regarding this study, please feel free to contact the undersigned at 416-235-5255 or via e-mail at graham.derose@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange for a meeting at your earliest convenience.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Sincerely,



Graham DeRose
Project Manager

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Larry Sarris, MTO Senior Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
Chris Bishop, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited

EXTERNAL AGENCY
INITIAL CONTACT LETTERS

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

October 27, 2015

External Agency Initial Contact Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Notice of Study Commencement

The Ontario Ministry of Transportation (MTO) is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The purpose of this letter is to introduce the study, to request your participation, and to obtain available background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your organization may have regarding the study.

Parsons is managing the study on behalf of MTO. LGL Limited will be providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which include Planning and Preliminary Design for the 407 Transitway. One Public Information Centre (PIC) will be held prior to the commencement of the TPAP and a second PIC will be held during the formal initiation of the TPAP for this study. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning and Preliminary Design and will be released for public review and comment. You will receive notification of the PICs, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the EPR). The "Notices of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers. All information produced as part of this project is available at **www.407transitway.com**.

Please complete the attached form and return it to my attention by **November 27, 2015**.

Thank you for your co-operation.

Yours sincerely,

LGL Limited
environmental research associates

George Ivanoff
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons

Attach

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

October 27, 2015

City of Toronto External Agency Initial Contact Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Notice of Study Commencement

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Initial assessment indicates that access alternatives for a couple of potential station sites in the Highway 50 area may be off Steeles Avenue with a possibility for one of the station sites to extend into the City of Toronto. The purpose of this letter is to introduce the study and to inform you that should the City of Toronto be affected by the 407 Transitway facilities, you will be contacted again later in the study process. We are at the stage of obtaining background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your authority may have regarding the study.

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Please complete the attached form and return it to my attention by **November 27, 2015**.

Thank you for your co-operation.

Yours sincerely,

LGL Limited
environmental research associates

George Ivanoff
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons

Attach

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Update contact information if necessary

_____
_____
_____
_____
_____
_____
_____

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____

_____

_____

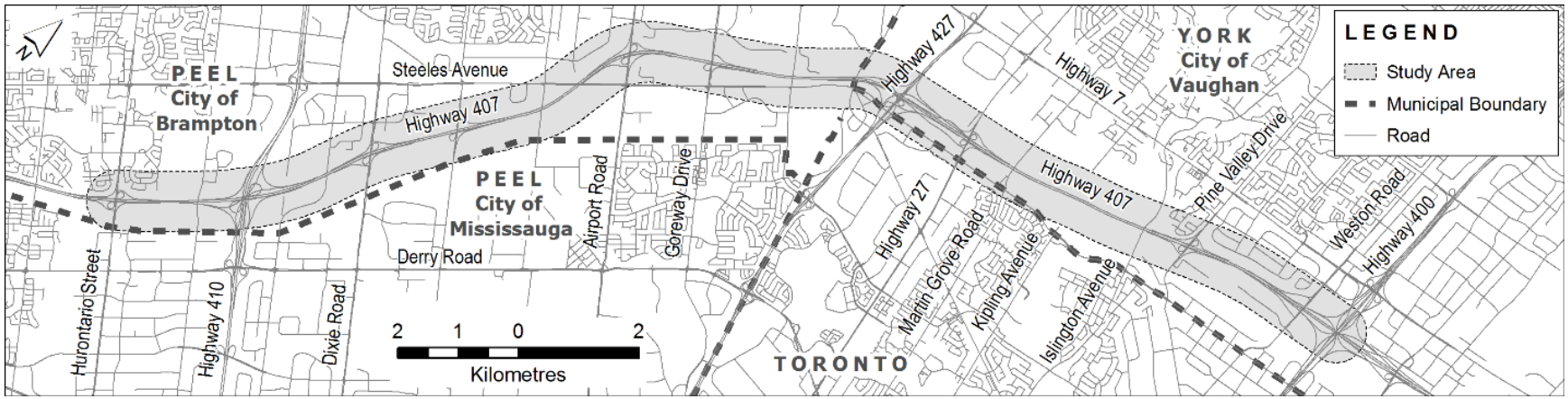
_____

_____

_____

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca



KEY PLAN OF THE STUDY AREA

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

December 9, 2015

MP/MPP Initial Contact Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
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Please complete the attached form and return it to my attention by **January 11, 2016.**

Thank you for your co-operation.

Yours sincerely,

LGL Limited
environmental research associates

George Ivanoff
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons

Attach

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

December 9, 2015

City of Toronto MP/MPP Initial Contact Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

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City of Brampton and City of Vaughan
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Please complete the attached form and return it to my attention by **January 11, 2016.**

Thank you for your co-operation.

Yours sincerely,

LGL Limited
environmental research associates

George Ivanoff
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons

Attach

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Update contact information if necessary

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Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____

_____

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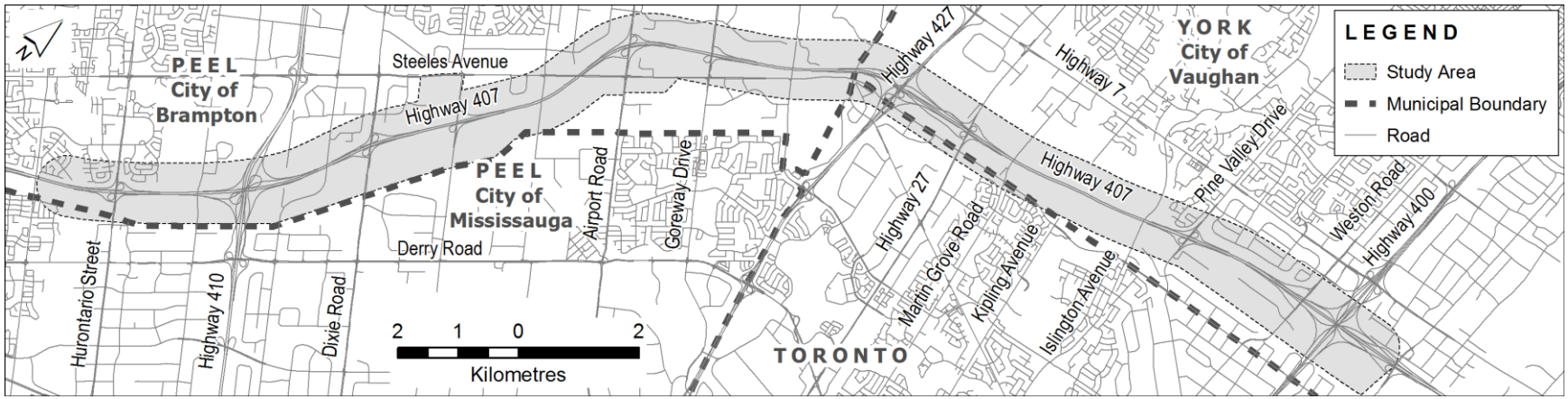
Please return this completed form by January 11, 2016:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca



KEY PLAN OF THE STUDY AREA

EXTERNAL AGENCY
PIC #1 CONTACT LETTERS

LGL LIMITED
environmental research associates

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 18, 2016

Template General PIC #1 Invitation Letter Sent to External Agencies on Contact List

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
Public Information Centre #1 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is undertaking the above referenced 407 Transitway project. The project is currently at the Planning Study phase prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the first Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m.** The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning, Environmental Assessment and Preliminary Design which will be released for agency and public review and comments. You will receive notification of the formal commencement of the Transit Project Assessment Process, the second PIC and of the release of the EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP", "Notice of PIC", and "Notice of Completion of EPR" will also be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

If you are unable to attend the PIC and would like further information regarding the project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Senior Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Attach

LGL LIMITED
environmental research associates

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 18, 2016

Template PIC #1 Invitation Letter Sent to City of Mississauga External Agencies on Contact List

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
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The purpose of this letter is to inform you of the first Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m.** The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

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Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Senior Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Attach

LGL LIMITED
environmental research associates

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 18, 2016

Template PIC #1 Invitation Letter Sent to City of Toronto External Agencies on Contact List

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1», «Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
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The purpose of this letter is to inform you of the first Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m.** The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

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If you are unable to attend the PIC and would like further information regarding the project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

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Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Senior Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Attach

EXTERNAL AGENCY
PIC #2 CONTACT LETTERS

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

January 5, 2018

Template General PIC #2 Invitation Letter Sent to External Agencies on Contact List

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. You will receive notification of the formal commencement of the 120-day TPAP period and of the release of the Final EPR (to inform you of opportunities to review the Report). The “Notice of Commencement of TPAP” and “Notice of Completion of EPR” will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com**.

If you are unable to attend PIC #2 and would like further information regarding the study, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

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Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
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Email: kingcity@lgl.com web: www.lgl.com

January 5, 2018

Template PIC #2 Invitation Letter Sent to City of Toronto External Agencies on Contact List

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

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Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives. The project is essentially located within the Brampton and Vaughan jurisdictions; however, a portion of the Highway 50 Station extends into the City of Toronto to accommodate parking.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. You will receive notification of the formal commencement of the 120-day TPAP period and of the release of the Final EPR (to inform you of opportunities to review the Report). The “Notice of Commencement of TPAP” and “Notice of Completion

of EPR" will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com**.

If you are unable to attend PIC #2 and would like further information regarding the study, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

EXTERNAL AGENCY

NOTICE OF COMMENCEMENT OF TPAP CONTACT LETTERS

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

External Agency Notice of Commencement of TPAP Contact Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you of the commencement of the TPAP period for the 407 Transitway project. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

At the end of the formal 120-day TPAP period, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you will be sent a final contact letter to inform you of opportunities to review the EPR. All information produced as part of this study is available at **www.407transitway.com**.

If you have any questions/concerns about the 407 Transitway project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

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Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

City of Toronto Notice of Commencement of TPAP Contact Letter

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

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Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

EXTERNAL AGENCY/TRG PRESENTATIONS AND MEETING MINUTES

PARSONS

HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF 407 TRANSITWAY HURONTARIO INTERMODAL STATION AREA MEETING

HELD ON: **Date:** Thursday, February 25, 2016
Time: 10:00 a.m. – 12:00 p.m.

HELD AT: Parsons Office – 5th Floor North Boardroom (625 Cochrane Drive, Suite 500)

ATTENDEES:
Graham DeRose (GDR)
Adrian Firmani (AF)
of: MTO

Gus Garron (GG)
Amy Munn (AM)
Robb Minnes (RM)
Gary MacNeil (GM)
of: Parsons

Javier Mena Diep (JMD)
Sherwin Gumbs (SG)
Bernard Au (BA)
of: Metrolinx

Abdul Shaikh (AS)
Stephanie Segreti (SS)
Matthew Williams (MW)
of: City of Mississauga

PURPOSE: **Discussion of Hurontario Station Area**

No.	Item	Action
1.	**407 Transitway Project Introduction & Status** – The 407 Transitway Hurontario to Hwy 400 project started in the fall of 2015 and it includes an Environmental Assessment (TPAP) and Preliminary Design – Have recently concluded data gathering and are commencing the planning work with a focus on the key issue areas – The Hurontario Station Area has been identified as a key area due to the possibility that it will likely be an interim terminus for the transitway and intermodal connection with the Hurontario Main LRT (HMLRT) – The starting point for this study was a corridor protection study performed in 1998. The study was done to protect property in the parkway belt once need identified – Currently conducting a study to protect for full needs of the transitway – The 407 Transitway is an all grade separated facility – Station sites include, park and ride, kiss and ride, bus loop etc.	
2	**Hurontario Station Area** – Existing Conditions / Site Constraints o Hydro Corridor - Alignments need to miss towers with appropriate clearance requirements o Enbridge building pipeline on north side of Hydro Corridor o Location of HMLRT Station. It is understood that the platform is located as far north as possible.	

No.	Item	Action
	○ HMLRT MSF yard access is located off of Edwards Blvd. and it requires a 90 degree crossing of the hydro corridor ○ Current land designations and development applications could restrict options for station site and future parking lots ○ Misssissauga indicated that the land use designation for the lands surrounding Hurontario and Vicksburgh/Topflight is Office along Hurontario Street and business employment along Derrycrest Drive and Edwards Boulevard. The utility corridor is designated Utility. There are no active applications immediately north and south of Vicksburg, only west of Hurontario Street off Derrycrest Drive (City files: OZ 15/005 and T-M15003) to change the zoning from D, Development to E2, Employment. The area around Hurontario Street and Vicksburgh/Topflight is also subject to special site 2 policies and should function as the primary gateway into Mississauga. The corresponding zoning for the area are employment zones. ○ Mississauga to confirm ownership of the land west of Hurontario. (done) ○ Mississauga has planned an Edwards street connection to on ramp (part of official plan). Mississauga acknowledges that there are issues with the proposed connection and currently nothing is being done. ○ HMLRT not providing parking at any LRT stations ○ HMLRT traction power substation planned near the existing GO commuter lot. There is potential to shift slightly. – Design Goals & Considerations ○ Create an optimal connection with HMLRT ○ Maintain existing park and ride lot (GO interest). Potential for an early land swap to move park and ride lot west side where future station could be located. ○ HMLRT platform is on north side of top flight drive – would require a vertical connection because 407 TW would need to be under by approx. 7 meters ○ HMLRT planning 2 pedestrian with a pedestrian only signal at the north end	Mississauga
3	**Next Steps** – Mississauga to send MSF report for 407 TW to review alignment possibilities and integration issues. (Note: MSF facility needs to be north of the hydro corridor) – Project Team to assess possibility of placing Transitway station directly under Hurontario Street with the potential to pre-build box for future station. – Mississauga indicated environmental challenges identified on the west side when examining sites for MSF facility. Mississauga to provide information concerning environmental concerns in the area – Potential to redevelop east side of hurontario for transit friendly development – Project Team to examine the possibility of interim uses such as construction staging for HMLRT to justify early purchase of land - Parsons to circulate map with moved HMLRT platform - Metrolinx to confirm HMLRT timing. Current status ○ Close to hiring a technical advisor (next month) ○ Tender being released as a design build finance operate maintain in the fall of 2016 and the award in early 2018 ○ Metrolinx and Mississauga indicate that they will need certainty of the 407 Transitway plan before going to market ○ Metrolinx and Mississauga noted that changing the approved TPAP-EPR location of the MSF may trigger an EA Amendment.	Mississauga Project Team Mississauga Project Team Parsons Metrolinx

If there are any errors or omissions, please advise Amy Munn (Amy.Munn@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

METROLINX
An agency of the Government of Ontario
Une agence du gouvernement de l'Ontario

Minutes

HULRT CIVIL/ 407 TRANSITWAY HURONTARIO TO HWY 400- METROLINX DISCUSSION (PARSONS OFFICE)

MEETING DATE:	August 04, 2016		
TIME:	10:00am to 12:00pm		
LOCATION:	Markham Cochrane Dr 5th Floor Meeting Room North		
PRESENT:	Javier Mena Diep (JMD)	Metrolinx	javier.mena.diep@metrolinx.com
	Paul Kan (PK)	Metrolinx	paul.kan@metrolinx.com
	Natalie Rouskov (NR)	MTO	Natalie.rouskov@ontario.ca
	Graham De Rose (GDR)	MTO	Graham.derose@ontario.ca
	Adrian Firmani (AF)	MTO	Adrian.firmani@ontario.ca
	Gus Garron (GG)	Parsons	Gus.garron@parsons.com
	Amy Munn (AM)	Parsons	Amy.munn@parsons.com
	Rick Schatz (RS)	HONI	rick.schatz@HydroOne.com
	Patrick Grace (PG)	IO	Patrick.Grace@infrastructureontario.ca
	Rita Kelly (RK)	IO	Rita.kelly@infrastructureontario.ca
	Tony Atala (TA)	AECOM	onala.atala@aecom.com
	Amy Amir (AA)	AECOM	amy.amir@aecom.com
DISTRIBUTION:	All present		

Item No.	Description	Action by	Date
1.0	**Introduction** Attendees introduced themselves.		
2.0	(JMD) provided an overview of the project focusing on the MSF area. (JMD) mentioned the proposed LRT track is in mixed traffic at Topflight Rd segregated at Edwards Blvd according to the EPR design. Track type is not yet been decided as embedded or other. The meeting is also to discuss property issues. AA presented a plan and profile from the EPR for the MSF site. (AM) presented a plan showing proposed locations of the Transitway station with three proposed roadway alignments going diagonally from Edwards Blvd to north of the Hydro Corridor. The plan is from an on-going EA study to determine the 407 Transitway alignment between Highway 400 and Hurontario Street., (GG) mentioned that the location of the future Transitway station (to the east of Hurontario, just south of the Highway 407) as developed in the early functional designs will most likely change to enhance the connectivity with the LRT stop. MTO is currently assessing 2 options for the station location: one on the east side and the other on the west side of Hurontario St. (AM) mentioned that the alignments are dictated by the Hydro towers and the alignment requirements. The CADD files for the EPR plan and profiles were requested from AECOM (Transferred to Parsons Friday Aug 5th). Parsons will superimpose their design on the EPR design and adjust their alignment options accordingly to avoid impact on the MSF property footprint. (JMD) mentioned that most of the vehicular traffic into the MSF will happen through Kennedy Road. (TA) mentioned that there will be a service road parallel to the spur tracks all the way to the MSF that need to access through Edwards Boulevard. (GDR) expressed that MTO was concerned about access to the future BRT Station through Topflight Dr./Edwards Blvd and its shared use with the LRT. (JMD) noted that the approved TPAP-EPR design does not prevent access to a potential BRT station on the east side of Hurontario St. (GG) mentioned that the preferred planning alignment will be available by October 2016, however, the decision on the east or west station alternative will not be made at that time. The decision of the station site will mostly depend on land availability, as the west site requires property acquisition. This will not be resolved by October 2016. (TA) responded that the proposed MTO timelines do not work with the LRT timelines and that Metrolinx requires an indication on whether the east or west option is the selected one earlier than October to facilitate the RCD development. (GDR) said that such	AECOM MX& MTO	Aug 05, 2016

Item No.	Description	Action by	Date
	a request does not seem possible and that at this time, a planning alignment from east of Hurontario Street to Kennedy Road, including station access, will be developed for both station site alternatives within the 407 Transitway EA. (JMD) and (GDR) noted that if the west option were selected, any issues about shared access through Edwards Blvd. would disappear. (JMD) and (PK) noted that Metrolinx needs to proceed with the property acquisition process in accordance with the LRT timelines and as identified in the EPR, acknowledging that MTO is still concerned with Metrolinx acquiring the property before determining MTO requirements. (JMD) and (TA) mentioned a maintenance road will be constructed on either west or east side of the LRT access tracks into the HuLRT yard. This maintenance/service road is not shown in the HuLRT EPR. (JMD) confirmed that Metrolinx will continue working with the MTO to provide a shared access that would satisfy the requirements of both the 407 Transitway and Hurontario LRT projects. (GDR) noted that the only access option to the east site station alternative through Topflight Dr. and Edwards Blvd. will be maintained at this point and Metrolinx should plan access to the HuLRT yard sharing the maintenance road or next to it. Finally it was noted that any encroachment or easement in hydro areas requires Hydro review and approval.		

Adjournment:

Meeting was adjourned at 11:30 a.m. by Javier Mena Diep.

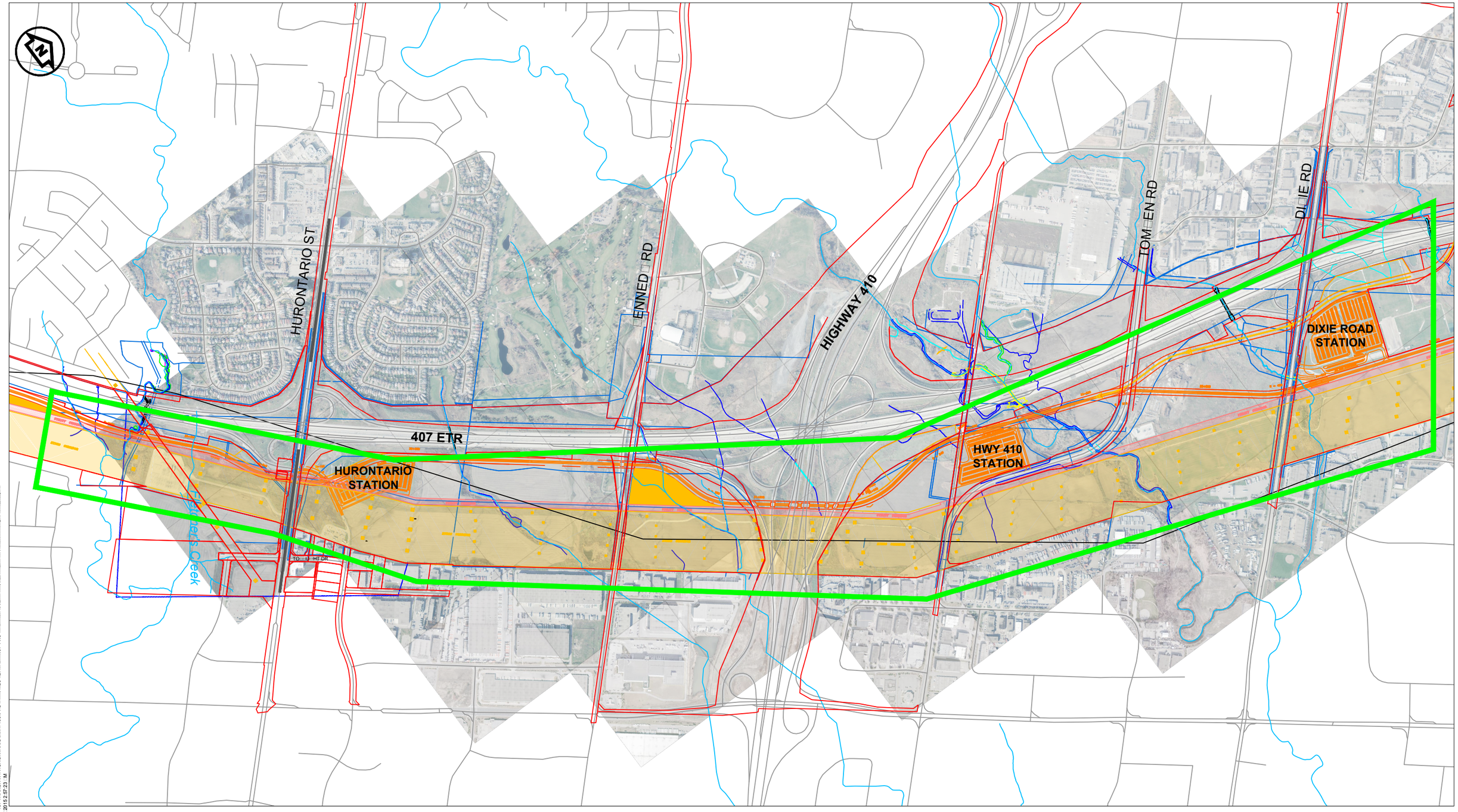
The foregoing represents the writer's understanding of the major items of discussion and the decisions reached and/or actions required. Any errors, omissions, or concerns regarding the minutes captured should be brought to the attention of the undersigned individual within 48 hours of receiving these minutes.

Prepared By: Amy Amir

Reviewed By: Javier Mena Diep

Email: amy.amir @aecom.com

Date: 2016-08-09 (Latest Revision Sept 12th, 2016)



PARSONS

SCALE: N.T.S.

DATE: 12 08 2015

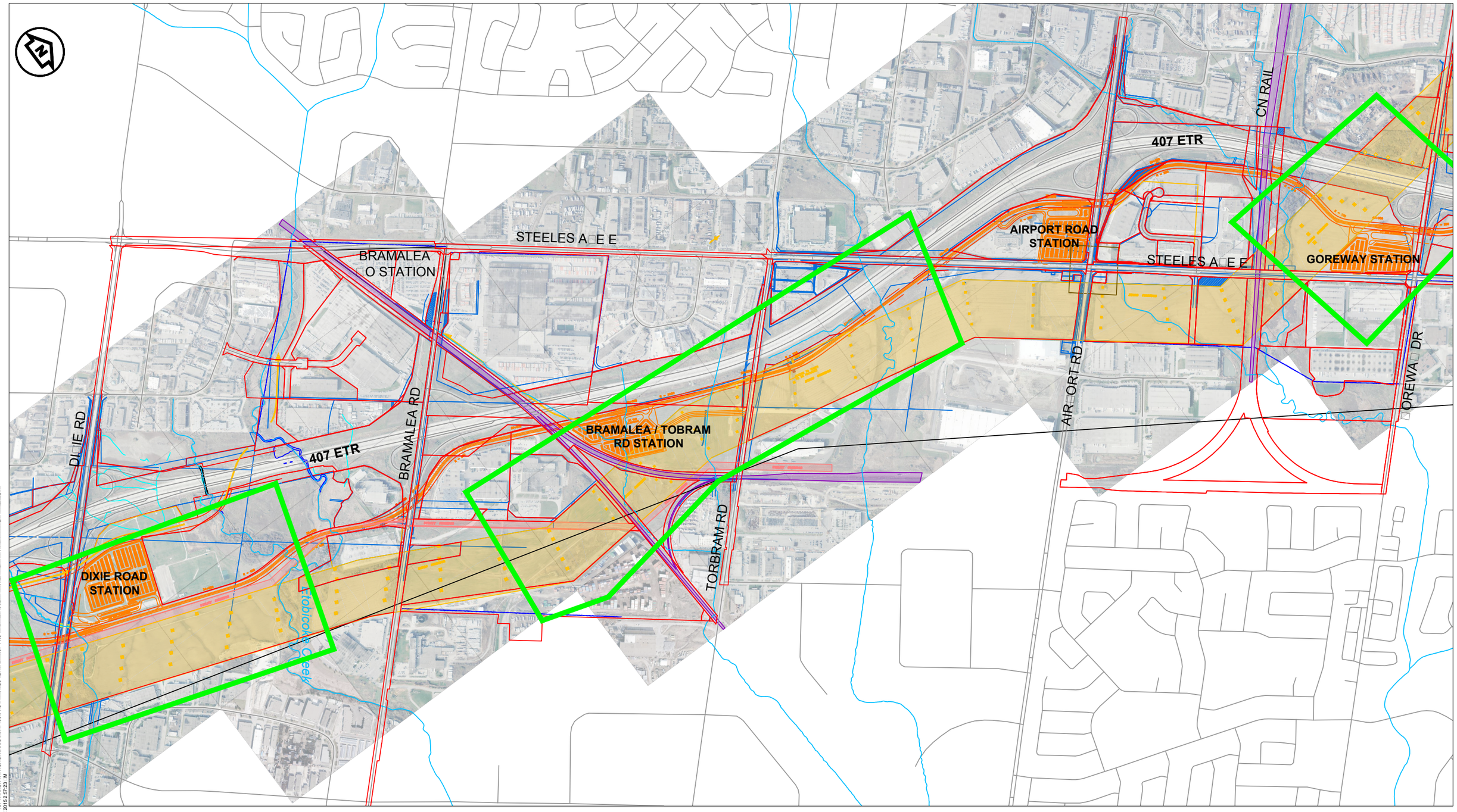
LE END:

- H DRO CORRIDOR
- UTILIT CORRIDOR
- TRANSITWA CORRIDOR ROTECTION STUD DECEMBER 1998
- AREA O OTENTIAL IM ACT
- RO ERT LINE

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

STUDY AREA



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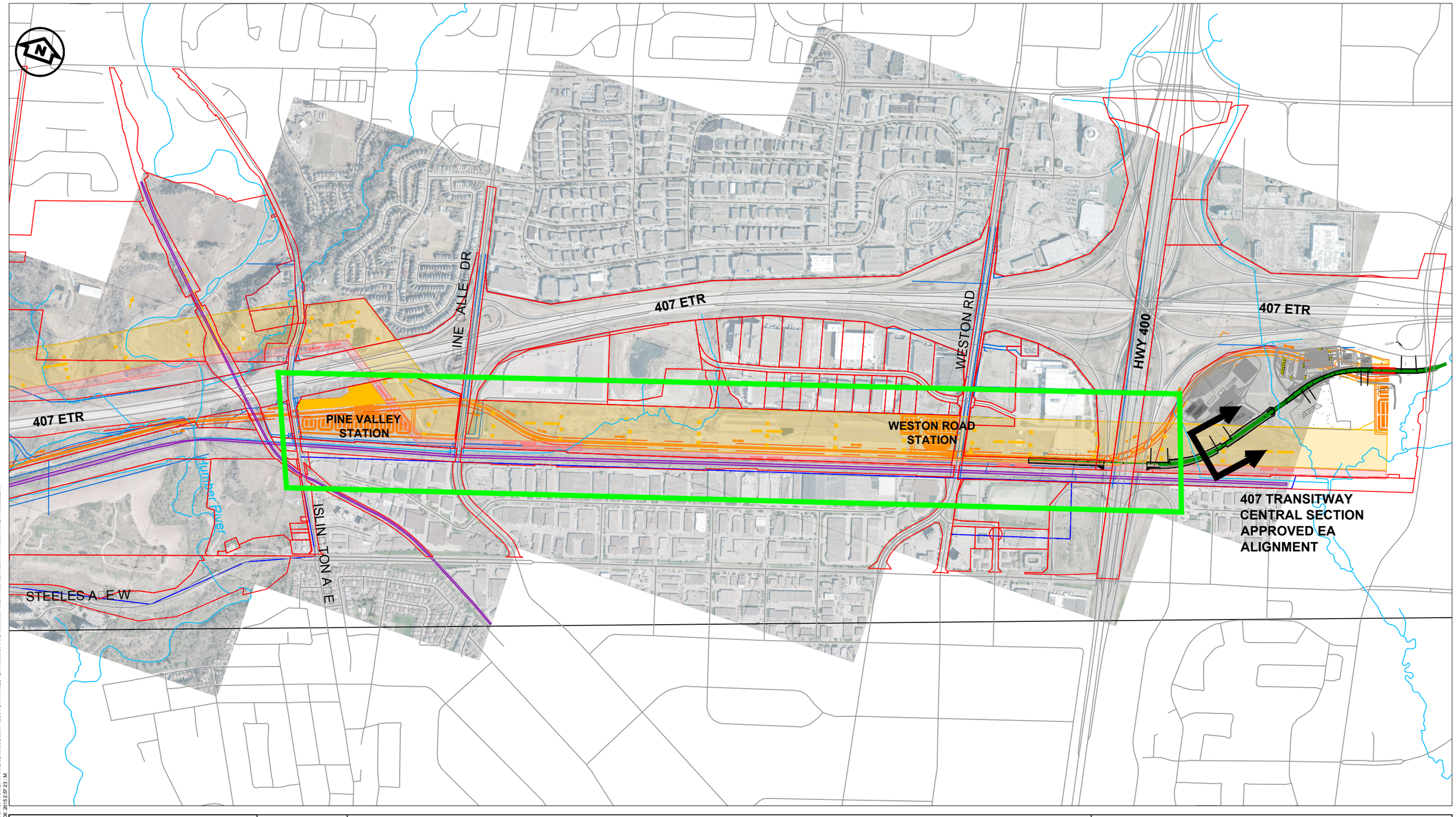

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407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

STUDY AREA

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

MEETING WITH MUNICIPALITIES

407 Transitway

PROJECT INTRODUCTION, PROJECT STATUS AND PLANNING ALTERNATIVES

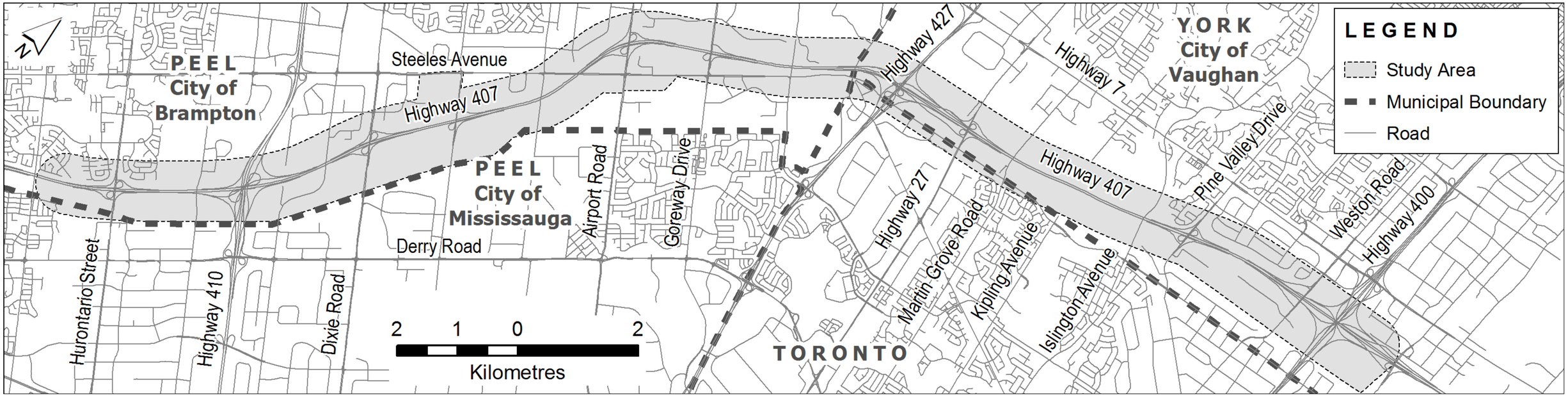
PROJECT WEBSITE: 407Transitway.com

Ontario

Table of Contents

- Study Introduction
- Project Objectives
- Tentative Schedule
- Ridership and Service Concept
- Environmental Conditions
- Alternative Evaluation Process
- Planning Alternatives
- Next Steps

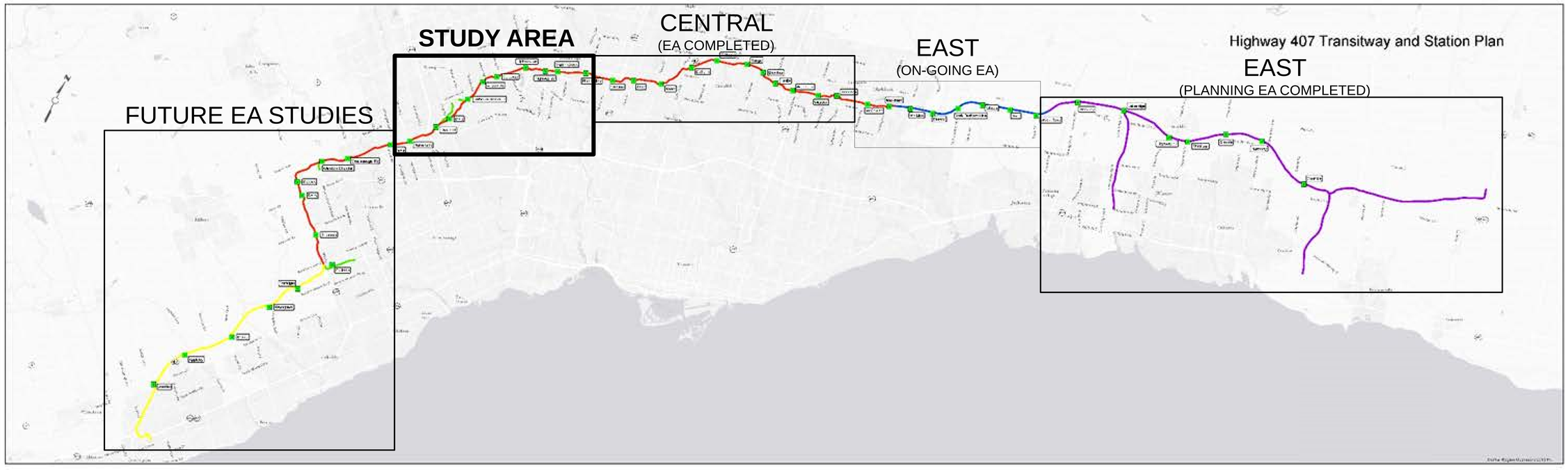
What is the 407 Transitway?



- Exclusive corridor, fully grade separated rapid transit (Bus Rapid Transit or Light Rail Transit) parallel to Highway 407.
- The 407 Transitway will connect Burlington to Oshawa, a length of 150 km, with up to 50 surface stations.
- Study limits for this Section: West of Hurontario Road to Highway 400

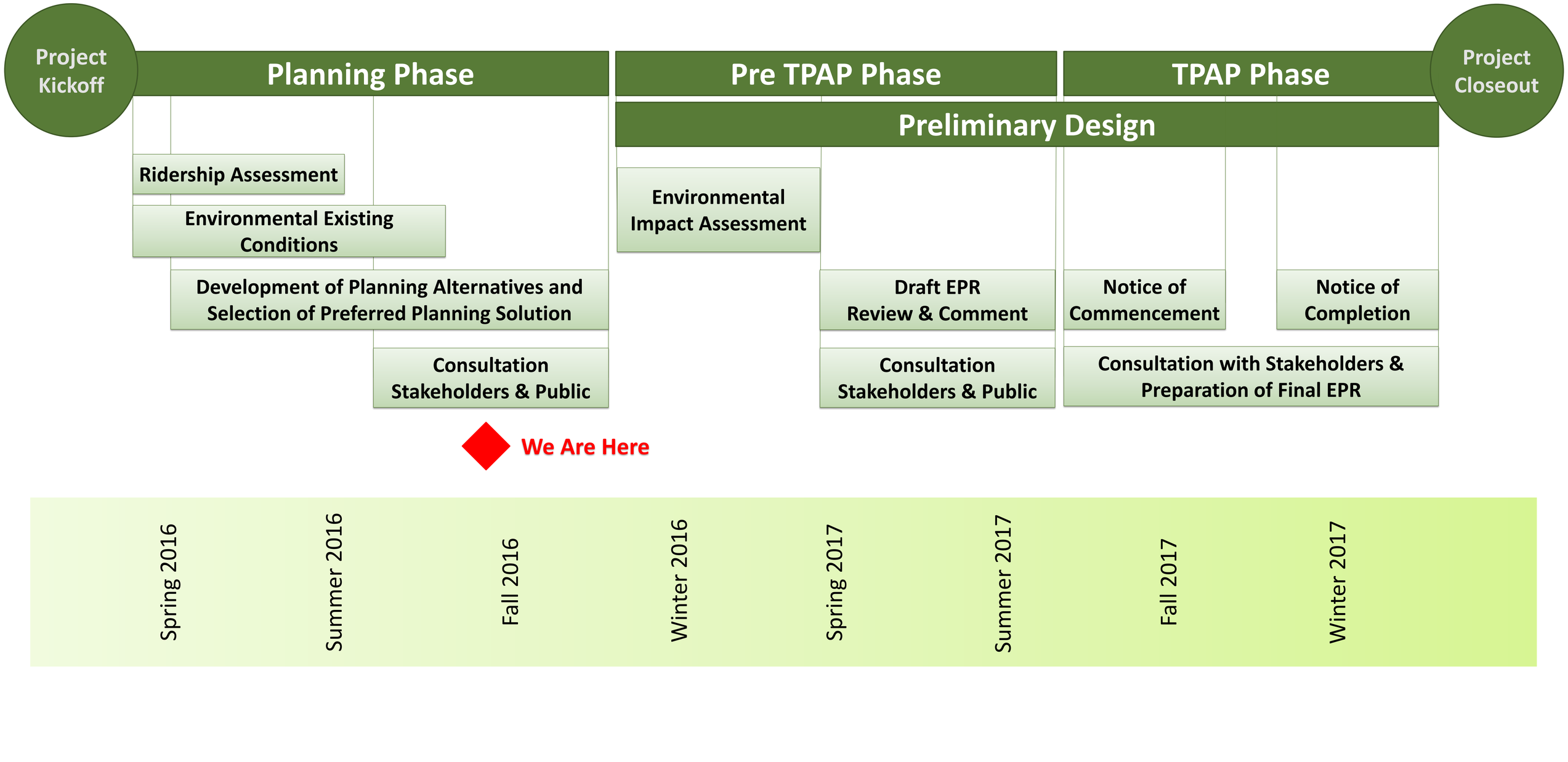
Main Project Objectives

- Enhance east-west cross-regional mobility and increase transit capacity to meet forecasted travel demand.
- Offer a viable, cost-effective way of moving people in the Highway 407 corridor.
- Improve accessibility to existing/planned major urban centres/nodes, post secondary educational institutions, and other nodes of high demand.
- Improve integration with regional transportation network.
- Reduce automobile dependence and green house gas emissions.
- Identify land protection requirements for Transitway infrastructure.



407 Transitway Complete Configuration

Tentative Schedule



Ridership Projections

2051 AM Peak Hour Ridership on Western 407 Transitway

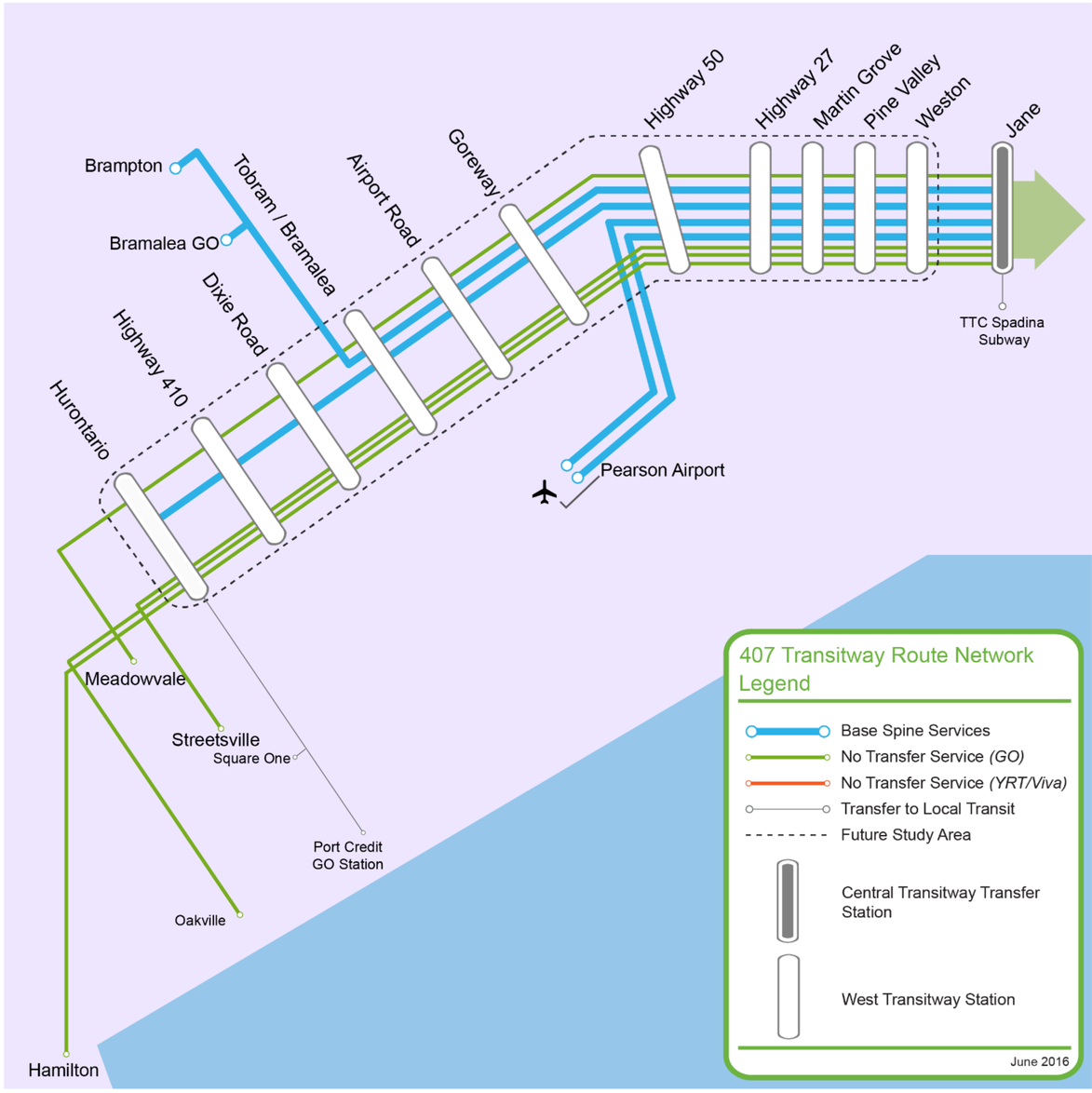
- Peak load - 7,500 eastbound entering Jane Station

Service Concept

- Extend the 407 Transitway operating concept from the Central Section:
- **Spine services** – line haul services that operate exclusively on the Transitway including some express routes.
- **No-transfer services (Interlining)** – designed to provide one-seat rides between major nodes and residential areas. Routes include portions both on and off the Transitway.
- Average speed including station stop time of between 50-65 km/h depending on service and station node configuration.

Nodes served by Transitway

- Urban Growth Centres (Brampton, Vaughan, Richmond Hill, Markham, Downtown Oshawa, and Pickering).
- Post Secondary Institutions (York University, UOIT, Durham College, York University Keele Campus, York University Markham Campus).
- Transit Connections (Bramalea GO, MiWay, Brampton Zum, YRT, VIVA, TTC, HuLRT).



Environmental Conditions

- **Existing Conditions within the Area of Investigation Based on Available Information**
  - 4 main watersheds – Credit River, Etobicoke Creek, Mimico Creek and Humber River
  - 23 watercourse crossings potentially impacted
  - Species at risk - two wildlife species at risk observed during field investigations including Eastern Wood Peewee and Barn Swallow.
  - Potential wildlife habitat exists to support a number of wildlife species at risk
  - One *Area of Natural and Scientific Interest* (Woodbridge Pleistocene Cut Earth Science ANSI) and one *Environmentally Significant/Sensitive Area* (Woodbridge Cut ESA)
  - Presence of previously registered archaeological sites and cultural heritage sites

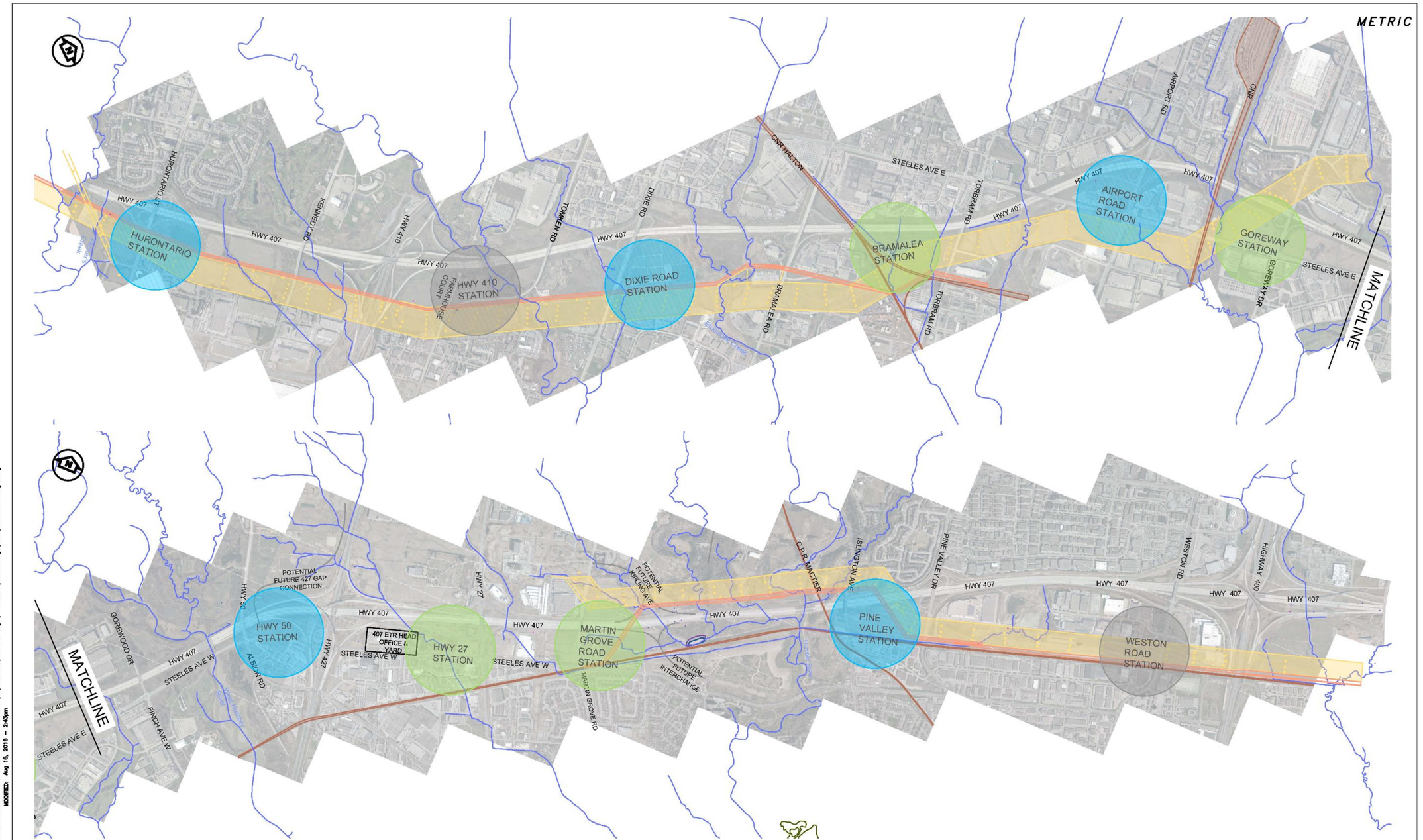
- **Environmental Field Investigations, Impact Assessment and Development of Protection/Mitigation Measures to Occur in 2016 and 2017**
  - Natural Sciences (fisheries and terrestrial ecosystems)
  - Landscape Composition
  - Archaeology
  - Cultural Heritage
  - Noise
  - Air Quality
  - Groundwater
  - Contaminated Property and Waste
  - Land Use/Socio-Economics
  - Hydrology

Alternative Evaluation Process

- Corridor Protection Study - 1998 (Study Starting Point)
- Stage 1 – Station Location Screening
  - Based on ridership and major constraints (land availability/accessibility, major environmental features, station spacing,)
- Development of potential alternatives
  - Alignments and Station Sites following approved MTO Transitway Design Standards
- Stage 2 – Screening of Unfeasible Alignment and Station Site Alternatives
  - High level analysis based on: property impacts, environmental effects, station integration/area/shape and accessibility, alignment geometry, constructability and cost
- Stage 3 – Evaluation of Feasible Options
  - Detailed evaluation of remaining viable options

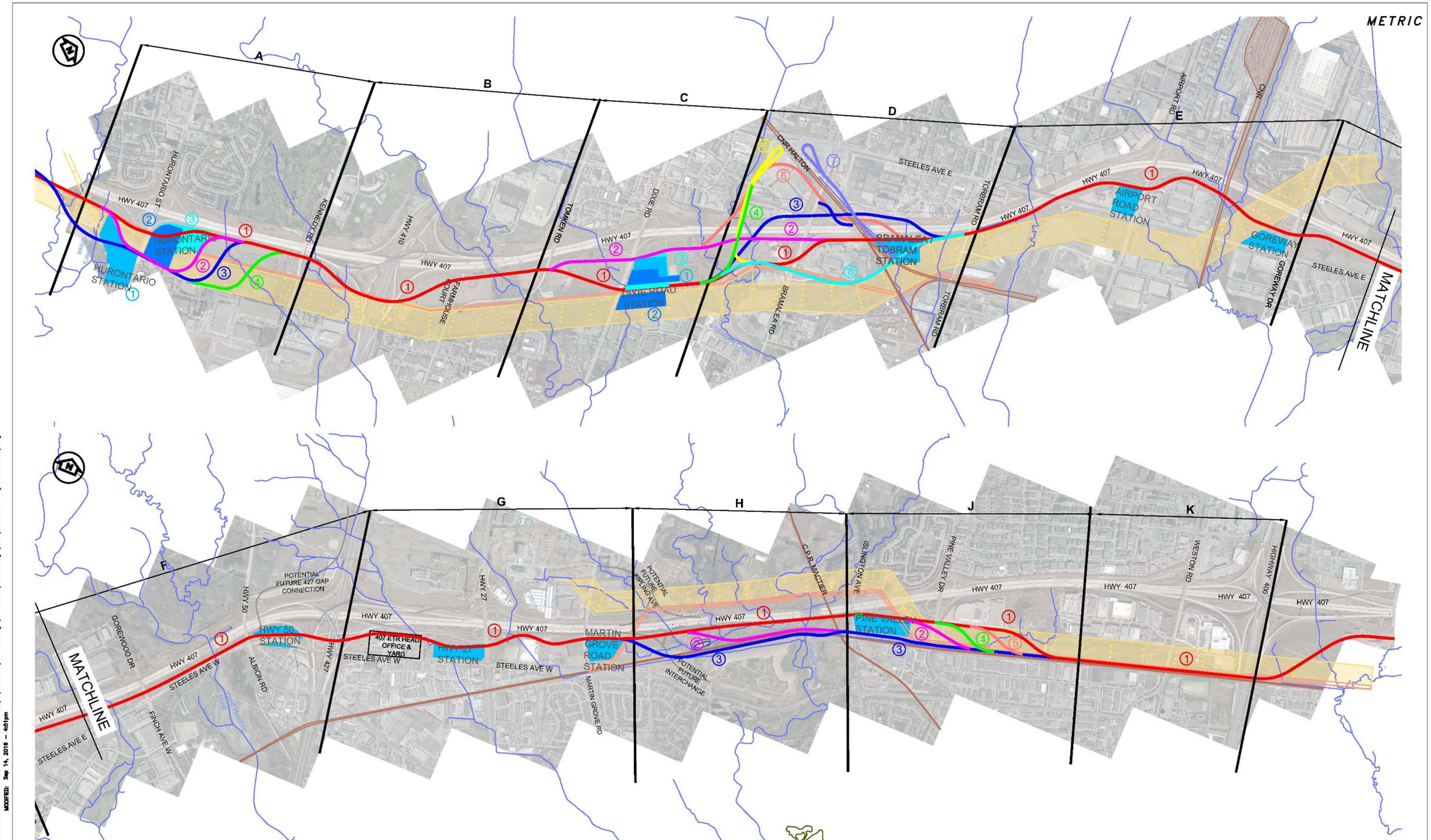
CURRENT EVALUATION STAGE

Evaluation Stage 1 – Station Site Screening



DRAWING NAME: s:\TOR\A022868 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TYJ\3 General\03 - Drawings\0 - Plates\Evaluation graphics\407 TKS - stage1.dwg
MODIFIED: Aug 16, 2018 - 2:43pm
CREATED:

Evaluation Stage 2 – Screening of Unfeasible Alternatives
All options and evaluation zone limits



Ontario PARSONS IBI GROUP

SCALE: NOT TO SCALE

LEGEND: HYDRO CORRIDOR; UTILITY CORRIDOR; ALIGNMENT OPTIONS; WATER COURSES; Rail Corridor; STATIONS WITH ONE OPTION; STATIONS WITH THREE OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

ALIGNMENT OPTIONS KEY MAP

PLATE

DATE

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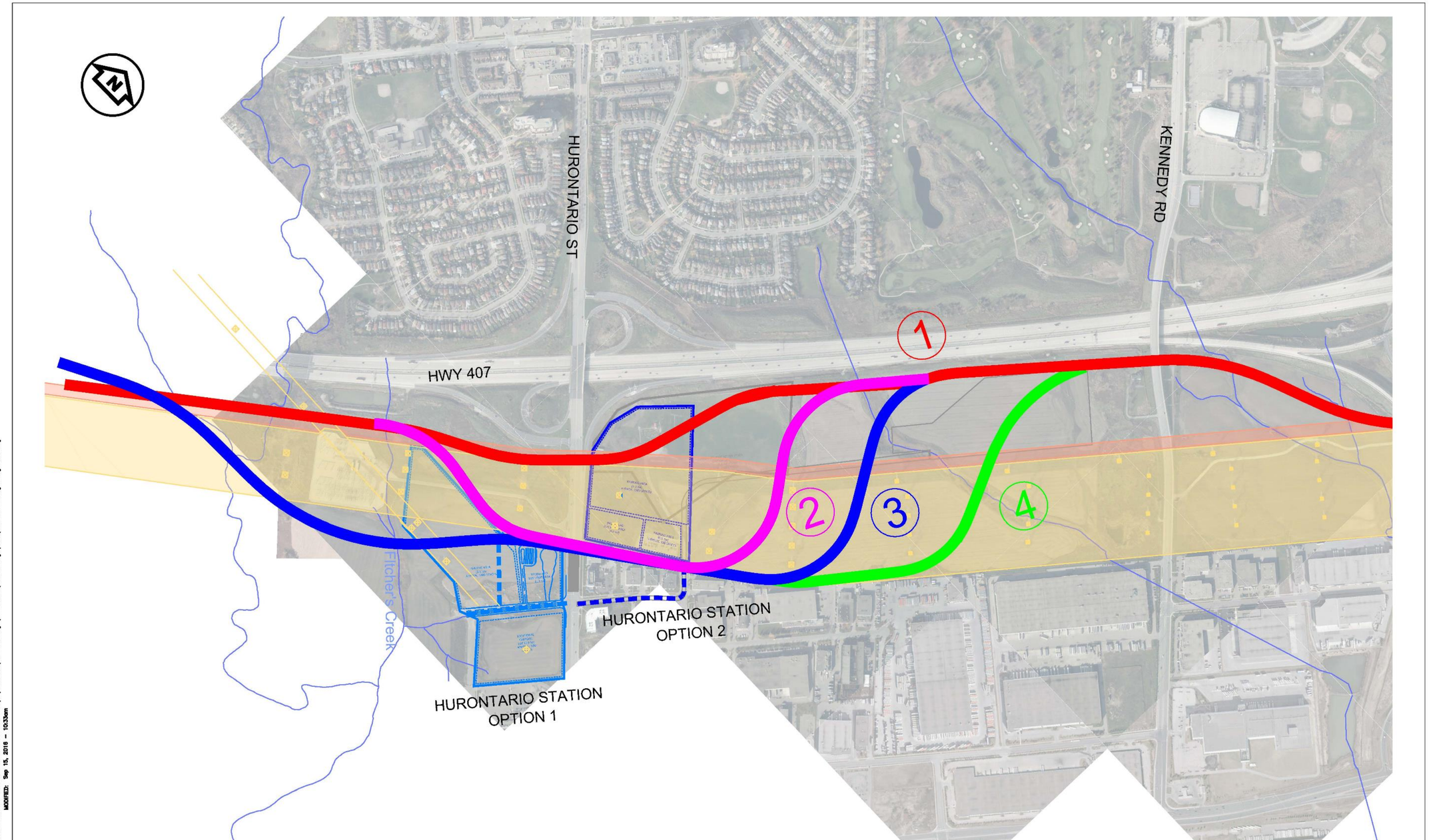
Evaluation Stage 2 – Screening of Unfeasible Alternatives
Hurontario Street Area



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LEGEND
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- ALIGNMENT OPTIONS
- WATER COURSES
- Rail Corridor
- STATION OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

PLATE

DATE

Evaluation Stage 2 – Screening of Unfeasible Alternatives
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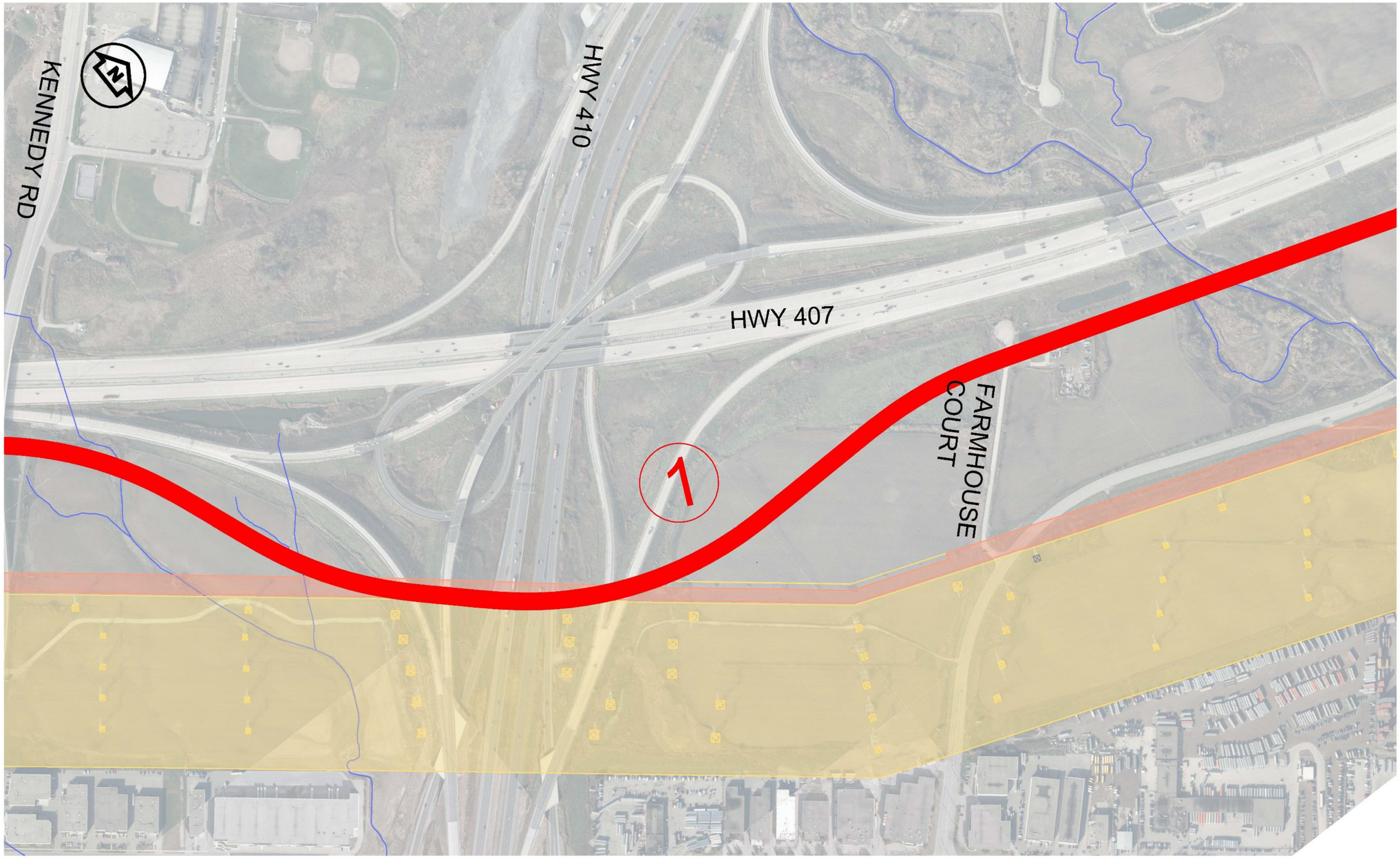

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UTILITY CORRIDOR
ALIGNMENT OPTIONS
WATER COURSES
Rail Corridor
STATION OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET
PLANNING OPTIONS

PLATE

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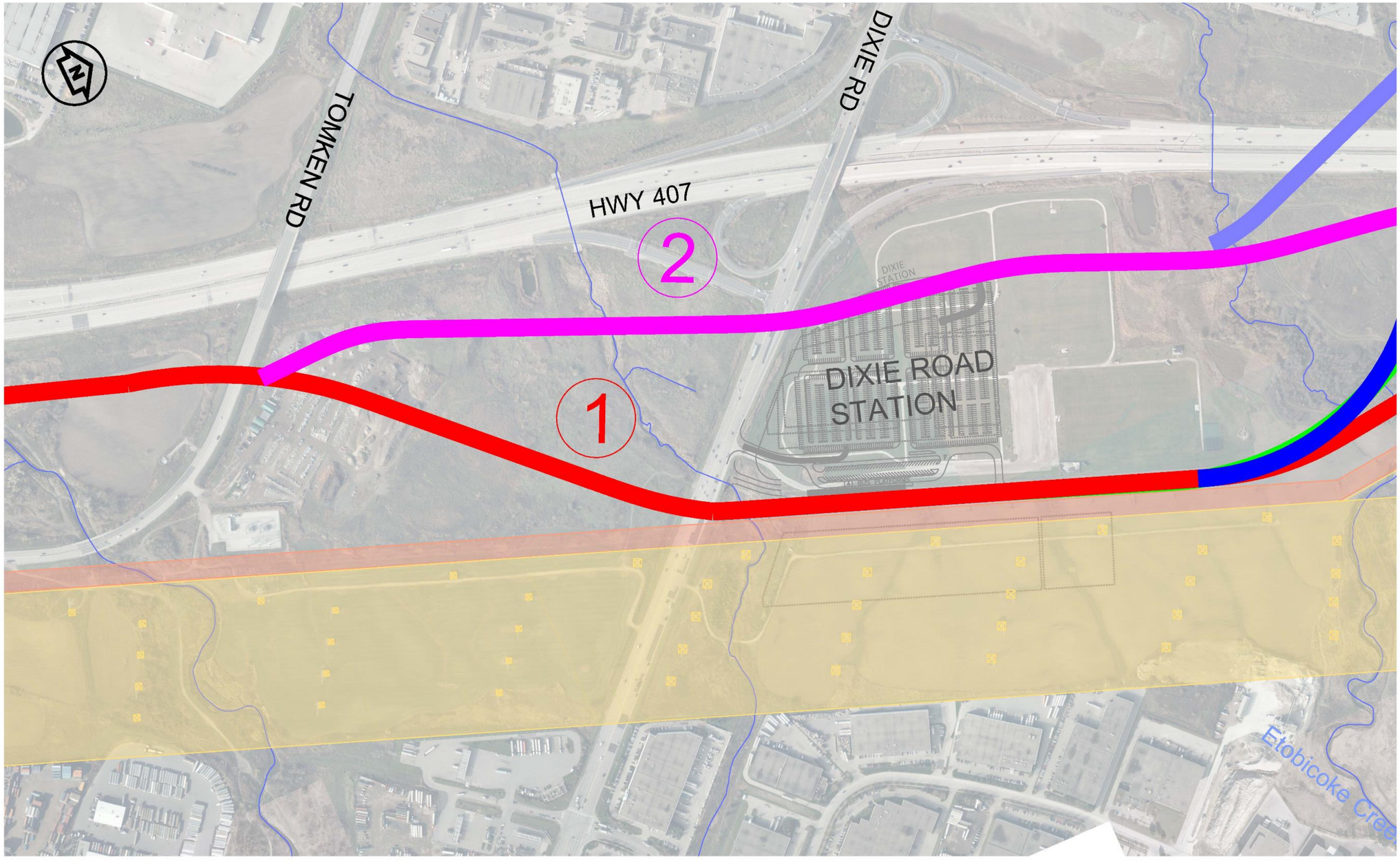
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Dixie Road Area



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UTILITY CORRIDOR
ALIGNMENT OPTIONS
WATER COURSES
Rail Corridor
STATION OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

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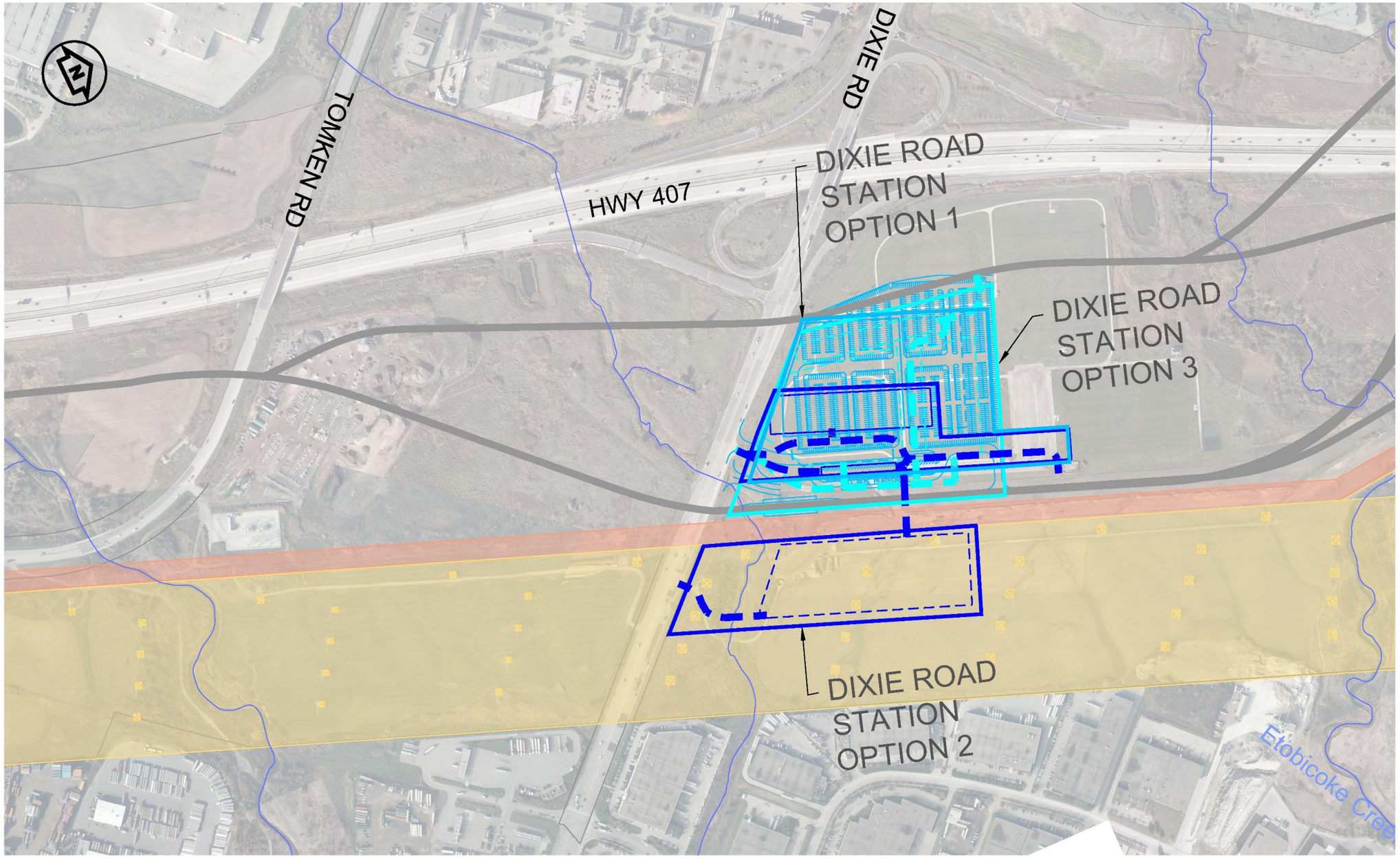
Evaluation Stage 2A – Screening of Unfeasible Alternatives

Dixie Station Options



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UTILITY CORRIDOR
ALIGNMENT OPTIONS
WATER COURSES
Rail Corridor
STATIONS WITH ONE OPTION
STATIONS WITH THREE OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET
PLANNING OPTIONS

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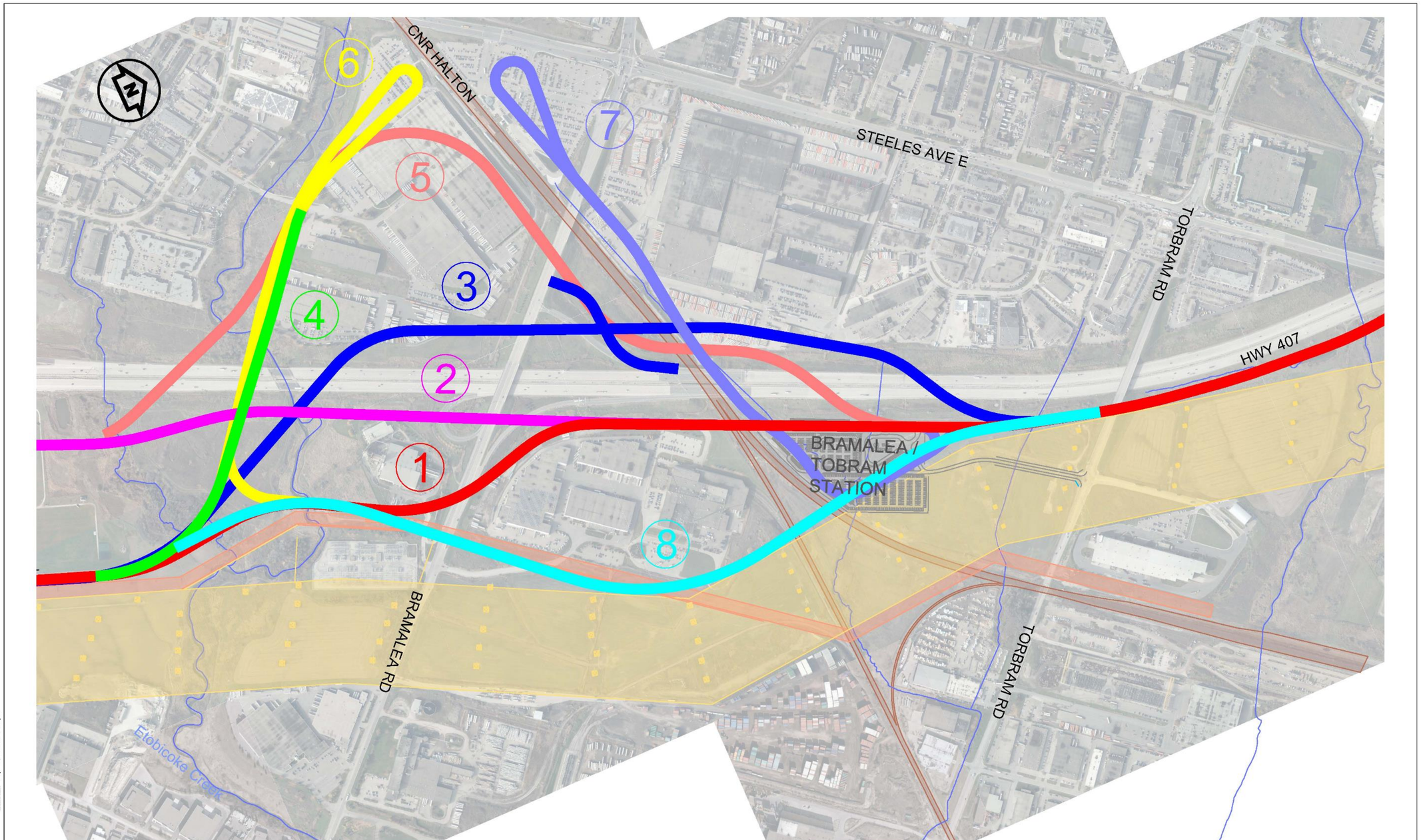
Bramalea Road Area



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LEGEND
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- ALIGNMENT OPTIONS
- WATER COURSES
- Rail Corridor
- STATION OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET
PLANNING OPTIONS

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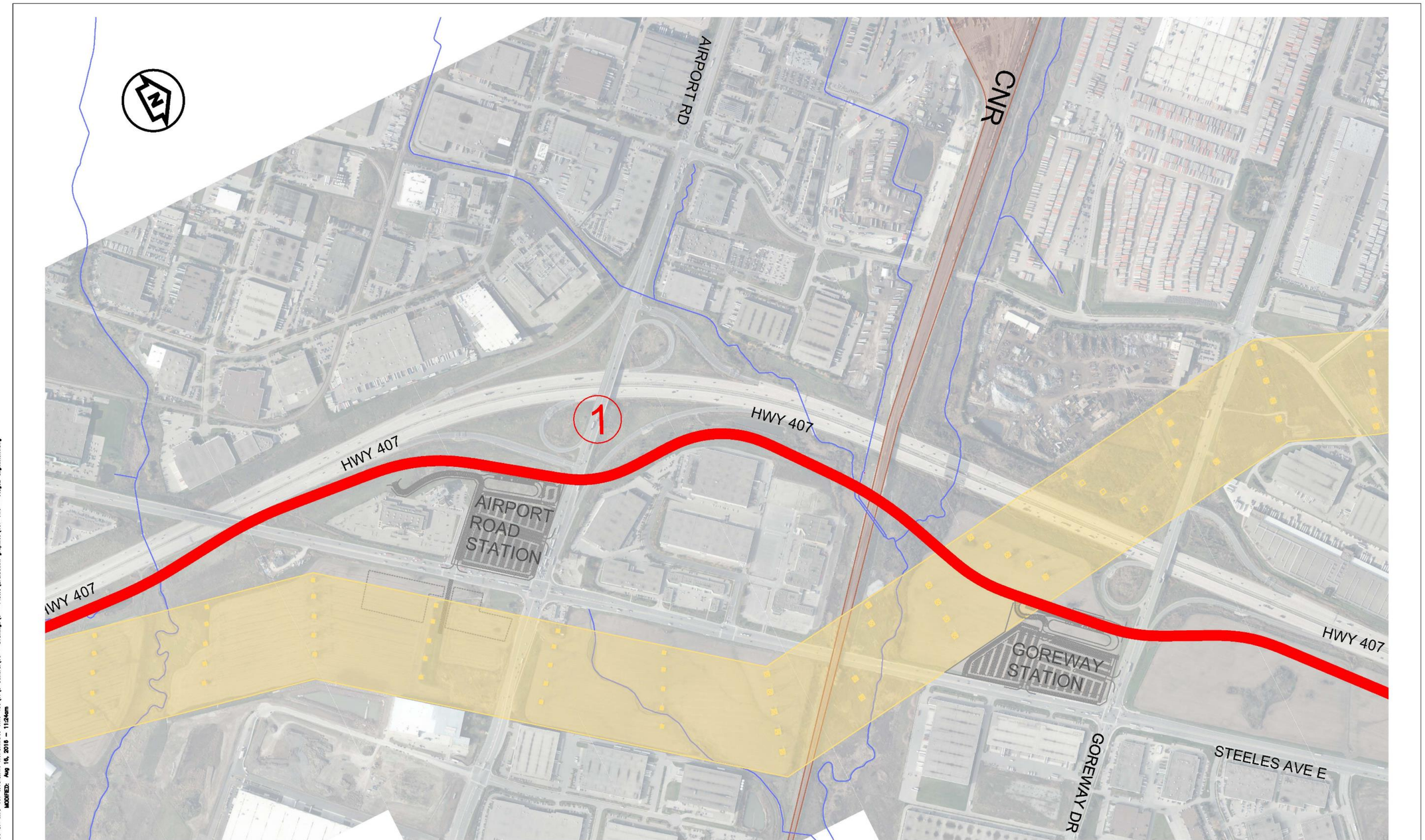
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Airport Road Area



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LEGEND
HYDRO CORRIDOR
UTILITY CORRIDOR
ALIGNMENT OPTIONS
WATER COURSES
Rail Corridor
STATION OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

PLATE

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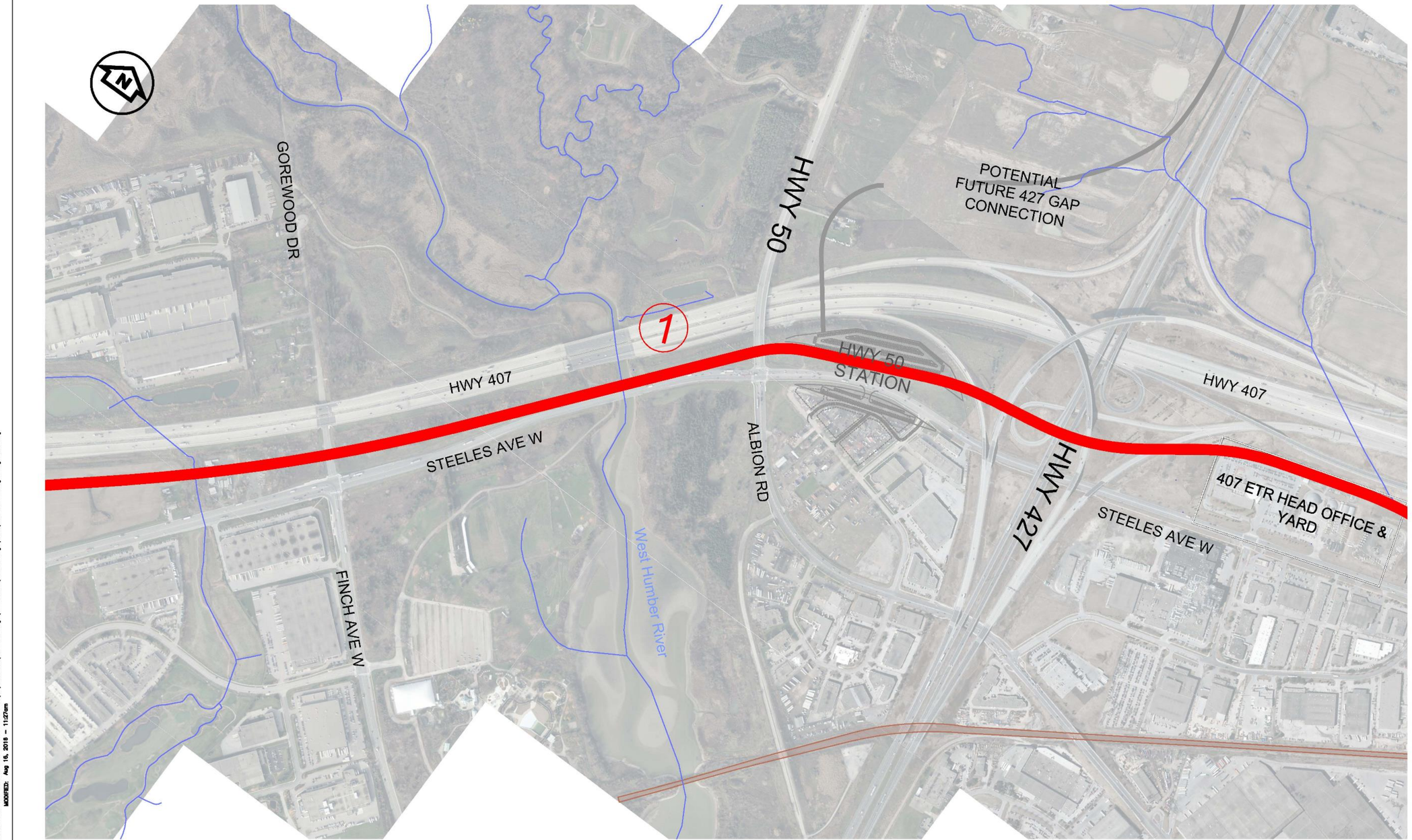
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Hwy 427 Area



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LEGEND
HYDRO CORRIDOR
UTILITY CORRIDOR
ALIGNMENT OPTIONS
WATER COURSES
Rail Corridor
STATION OPTIONS

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET
PLANNING OPTIONS

PLATE

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CREATED:

Next Steps for Planning Phase

- TRG Meeting #1 – *October, 2016*
- PIC #1 – *November, 2016*

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HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF PROJECT INTRODUCTION, PROJECT STATUS, AND PLANNING ALTERNATIVES MEETING

HELD ON: **Date:** Friday, September 16th, 2016
Time: 09:30 a.m. – 11:00 a.m.

HELD AT: Region of Peel HQ, 10 Peel Centre Drive, Brampton, Caledon Room

ATTENDEES:

Abdul Shaikh (AS)
Matthew Williams (MW)
of: City of Mississauga

Henrik Zbogar (HZ)
Mike Parks (MP)
David Waters (DW)
Chris Lafleur (CL)
Jayne Holmes (JH)
Bruno Lopes (BL)
Tim Kocialek (TK)
Bishnu Parajuli (BP)
Compton Bobb (CBB)
of: City of Brampton

Lindsay Edwards (LE)
Eric Chan (EC)
Gordon Hui (GH)
of: Peel Region

Graham DeRose (GDR),
Larry Sarris (LS)
Adrian Firmani (AF)
of: MTO

Gus Garron (GG),
Holly Kerslake (HK),
Robb Minnes (RM),
Chris Bishop (CBP),
of: Parsons

Scott Johnson (SJ),
Allan Ortlieb (AO),
of: IBI

PURPOSE: **Project Introduction, Project Status, and Planning Alternatives**

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Item	Action
Project Introduction; Objectives and Status of the Assignment - GG of Parsons introduced the project providing a brief description of the 150 km fully grade separated exclusive right of way 407 Transitway, from Burlington to Hwy 115, of which, this assignment encompasses the section between Hurontario Street and Hwy 400 that includes 22 km. and 8 potential stations.. - GG and RM summarized the 407 Transitway objectives and its importance, being a major interregnal rapid transit facility that connects nodes of high transit demand such as the future crossings of the north-south TTC subways, the north-south GO rail corridors, municipal transit services such as Viva and the future HuLRT, urban city centres, York University and others - GG described the project schedule, indicating that the ridership study, identification of environmental conditions, and identification of station and alignment alternatives have been completed and that the team is currently in the evaluation of planning alternatives phase, which is planned to be completed in December, 2016 after presentations and feed-back from the stakeholders and the public. Following the Planning Phase, the pre-TPAP and TPAP processes will followed. Current estimate of completion is early 2018. - SJ summarized results of the ridership study and potential types of transit service along the corridor. Peel Region requested a copy of the ridership report. GG advised that it is currently with MTO for staff review and would be available at a later date. GG summarized the initial findings of environmental conditions based on available information, and the list of the detailed field investigations and subsequent assessment that will be conducted.	Info
Planning Alternatives Evaluation Process - GG explained the planning alternatives evaluation process that is being followed through the planning stage of the project as follows: Initial Screening – Stage 1 o Corridor Protection Study (CPS) developed in 1998 was used as the base alternative. o Based on results of the ridership study and the environmental existing conditions, some of the potential station nodes identified in the CPS were screened out as a result of low ridership forecast, proximity to adjacent station, land availability, accessibility and/or findings of major environmental impact. Second Screening – Stage 2 o All possible alignment and station sites alternatives from Stage 1 were identified and a second screening based on more detailed evaluation indicators is currently being conducted. These alternatives and an initial selection of the preferred options will be presented to the stakeholders and the public. Third Screening – Stage 3 o After feedback is received from the stakeholders and the public, the results of Stage 2 will be reviewed, confirmed or revised. The outcome of this stage will be the selected planning alternatives that will be assessed through environmental field investigations, detailed traffic analysis, functionality and operation, and preliminary design during the pre-TPAP phase of the project. Stage 4 – Confirmation of Planning Alternatives Evaluation	Info

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Item	Action
o Based on the findings through the detailed investigations and studies of the pre-TPAP phase, the planning alternatives will be confirmed or revised prior to initiating the TPAP process.	
Discussion on identified planning alternatives: **Hurontario Alignment** – Metrolinx's involvement in the project was raised. MTO and Parsons noted that Metrolinx is part of TAC and Steering Committee of the 407 Transitway study, and have been consulted separately. Metrolinx is aware that HuLRT design considerations are being taken into account in the Transitway study. – GG explained that due to the proposed location of the HuLRT stop just north of the intersection of Hurontario Street and Edward Blvd, the 407 Transitway is aiming to locate its station platform under the proposed HuLRT platform, if possible, to optimize passenger transfer operation. – Parsons presented the current alignments being considered between Hurontario Street and Kennedy Road. – The City of Mississauga noted that an extension of Edward Blvd north and west to Hurontario is planned and should be considered in any design. While not under consideration by MTO, this road is identified in the Mississauga Official Plan. – BL, Brampton LRT Implementation Manager, stressed the need to coordinate the Transitway alignment with the proposed LRT yard connection and its access road, highlighting potential issues. GG acknowledge this fact indicating the 407 Transitway team is aware of the constraints and is working in coordination with the HuLRT Metrolinx team, Hydro one and other relevant stakeholders to find a solution that works for all parties. – A question was raised regarding the need to extend any initial Transitway terminus west to Mississauga Rd/Mavis Rd. area where significant employment is located. MTO noted that the actual segment implementation phasing may not follow the EA segment breakdown.	Info
Crossing of Hwy 410 - Alignment design will depend on the tunnel requirements to cross under the Hwy 410 Interchange.	Info
Dixie Road Station Area - Two alignments are being considered in the area of Dixie Rd. The alignment and station location/facility options are related to the impact on the existing soccer fields on leased Provincial land, crossing of water courses and alignment issues. There was no comment by Brampton staff in this regard.	Info
Bramalea Rd. and Torbram Rd Area. – It was noted that there is significant ridership transferring between the Bramelea GO Station and bus service at Bramalea City Centre. – AO described the multiple complex physical constraints in this area, the identified potential alignment options and connections to the GO Bramalea Station, noting that due to the numerous challenges related to property impacts, existing infrastructure and high cost, the team is currently identifying bus interlining opportunities to allow connection between the two transit lines. – Brampton staff advised that municipal plans include widening of Bramalea Rd. and Torbram Rd. to six lanes.	Info

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Item	Action
– The City of Brampton requested to integrate 407 Transitway stop with the Bramalea GO Station instead of providing Transitway stop between Bramalea Road and Torbram Road. This will seamlessly integrate all modes of transit and reduce transfer time for riders.	
HuLRT Office Project Involvement – It was requested that the HuLRT Office be included in all meetings involving matters related to the Hurontario Street area station and alignments moving forward. MTO agreed.	MTO/Parsons

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400
MEETING WITH MUNICIPALITIES

407 Transitway

PROJECT INTRODUCTION, STATUS AND PLANNING ALTERNATIVES

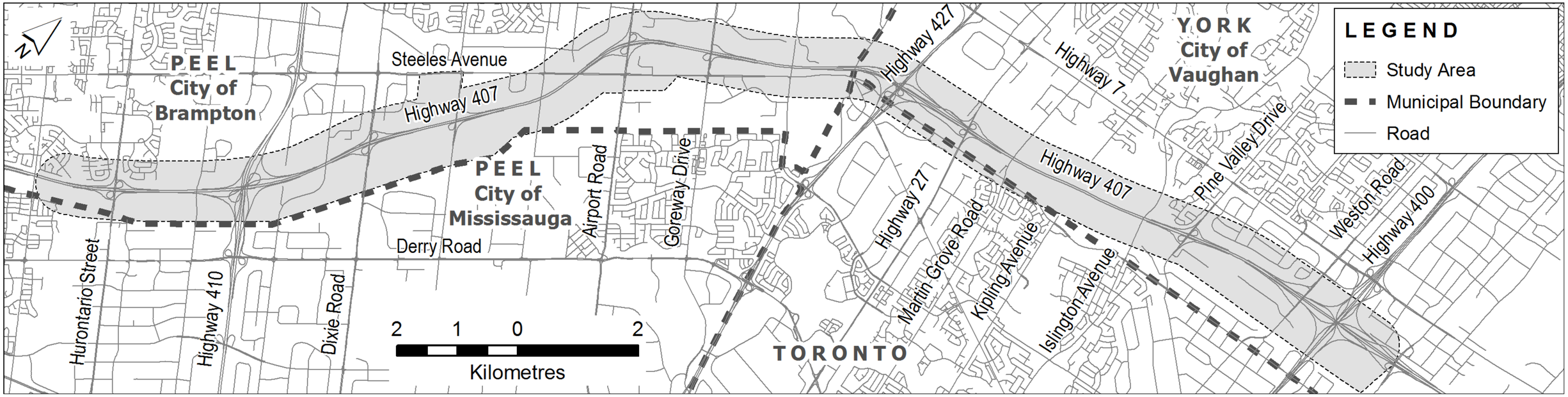
PROJECT WEBSITE: 407Transitway.com

Ontario

Table of Contents

- Study Introduction
- Project Objectives
- Tentative Schedule
- Ridership and Service Concept
- Environmental Conditions
- Alternative Evaluation Process
- Planning Alternatives
- Next Steps

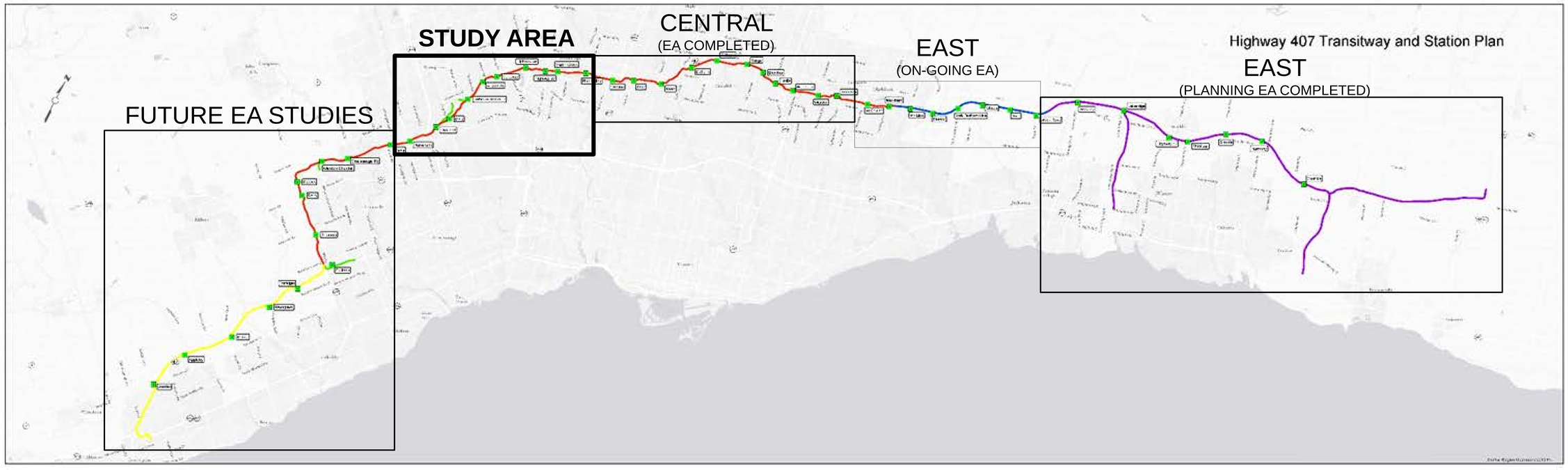
What is the 407 Transitway?



- Exclusive corridor, fully grade separated rapid transit (Bus Rapid Transit or Light Rail Transit) parallel to Highway 407.
- The 407 Transitway will connect Burlington to Oshawa, a length of 150 km, with up to 50 surface stations.
- Study limits for this Section: West of Hurontario Road to Highway 400

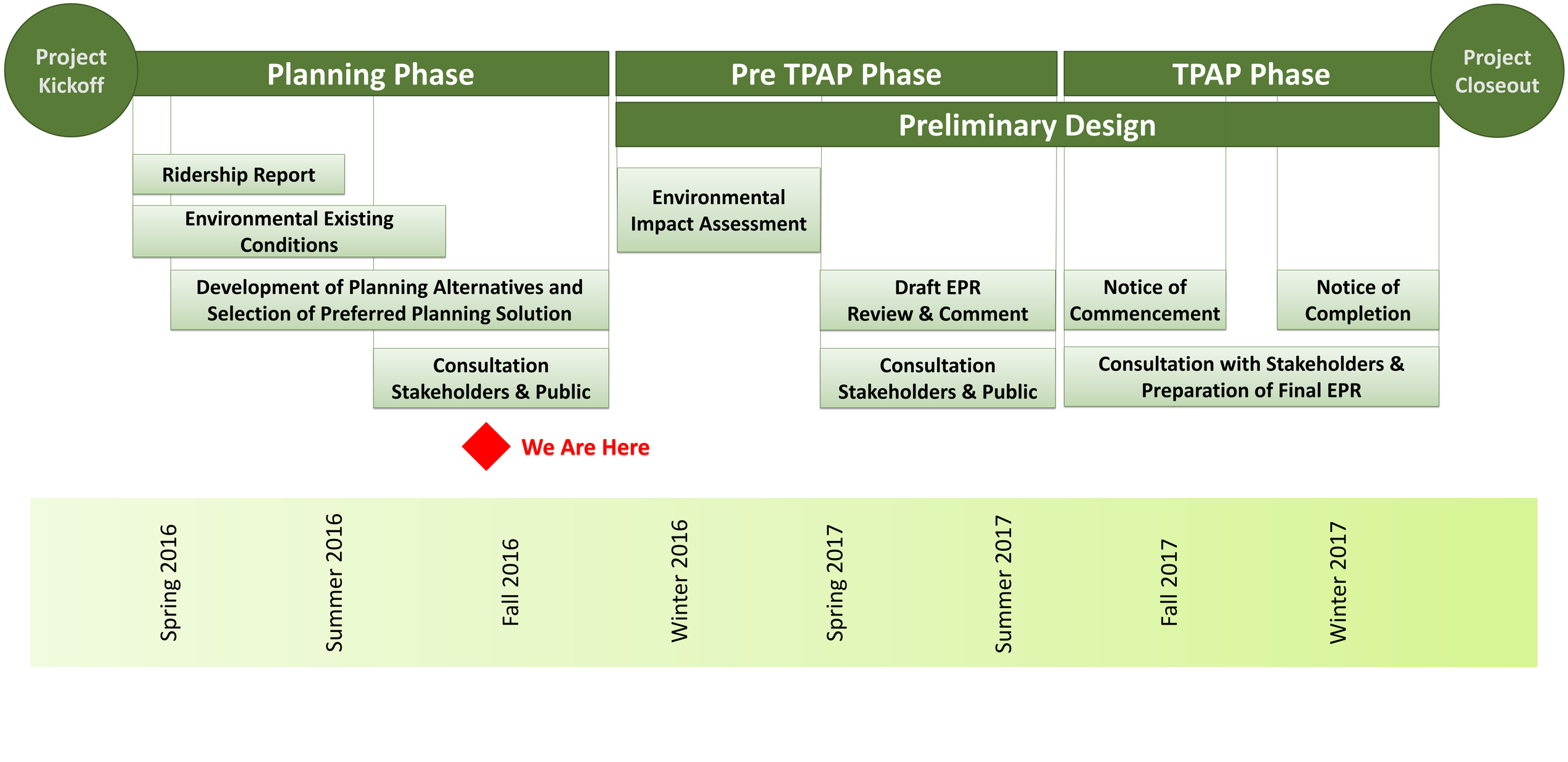
Main Project Objectives

- Enhance east-west cross-regional mobility and increase transit capacity to meet forecasted travel demand.
- Offer a viable, cost-effective way of moving people in the Highway 407 corridor.
- Improve accessibility to existing/planned major urban centres/nodes, post secondary educational institutions, and other nodes of high demand.
- Improve integration with regional transportation network.
- Reduce automobile dependence and green house gas emissions.
- Identify land protection requirements for Transitway infrastructure.



407 Transitway Complete Configuration

Tentative Schedule



Ridership Projections

2051 AM Peak Hour Ridership on Western 407 Transitway

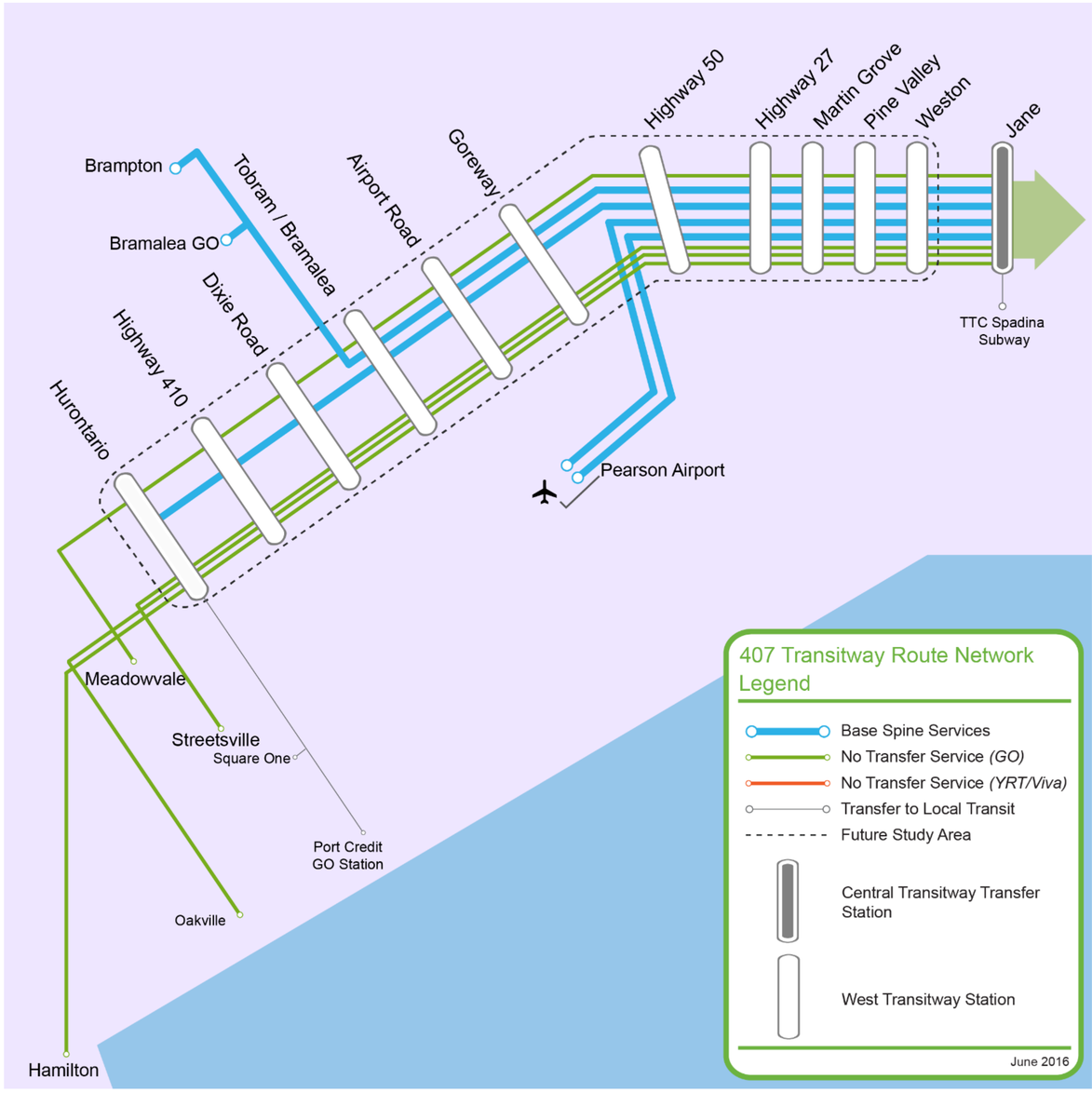
- Peak load is 7,500 eastbound entering Jane Station

Service Concept

- Extend the 407 Transitway operating concept from the Central Section:
- **Spine services** – line haul services that operate exclusively on the Transitway including some express routes.
- **No-transfer services (Interlining)** – designed to provide one-seat rides between major nodes and residential areas. Routes include portions both on and off the Transitway.
- Average speed including station stop time of between 50-65 km/h depending on service and station node configuration.

Nodes served by Transitway

- Urban Growth Centres (Brampton, Vaughan, Richmond Hill, Markham, Downtown Oshawa, and Pickering).
- Post Secondary Institutions (York University, UOIT, Durham College, York University Keele Campus, York University Markham Campus).
- Transit Connections (Bramalea GO, MiWay, Brampton Zum, YRT, VIVA, TTC, HuLRT).

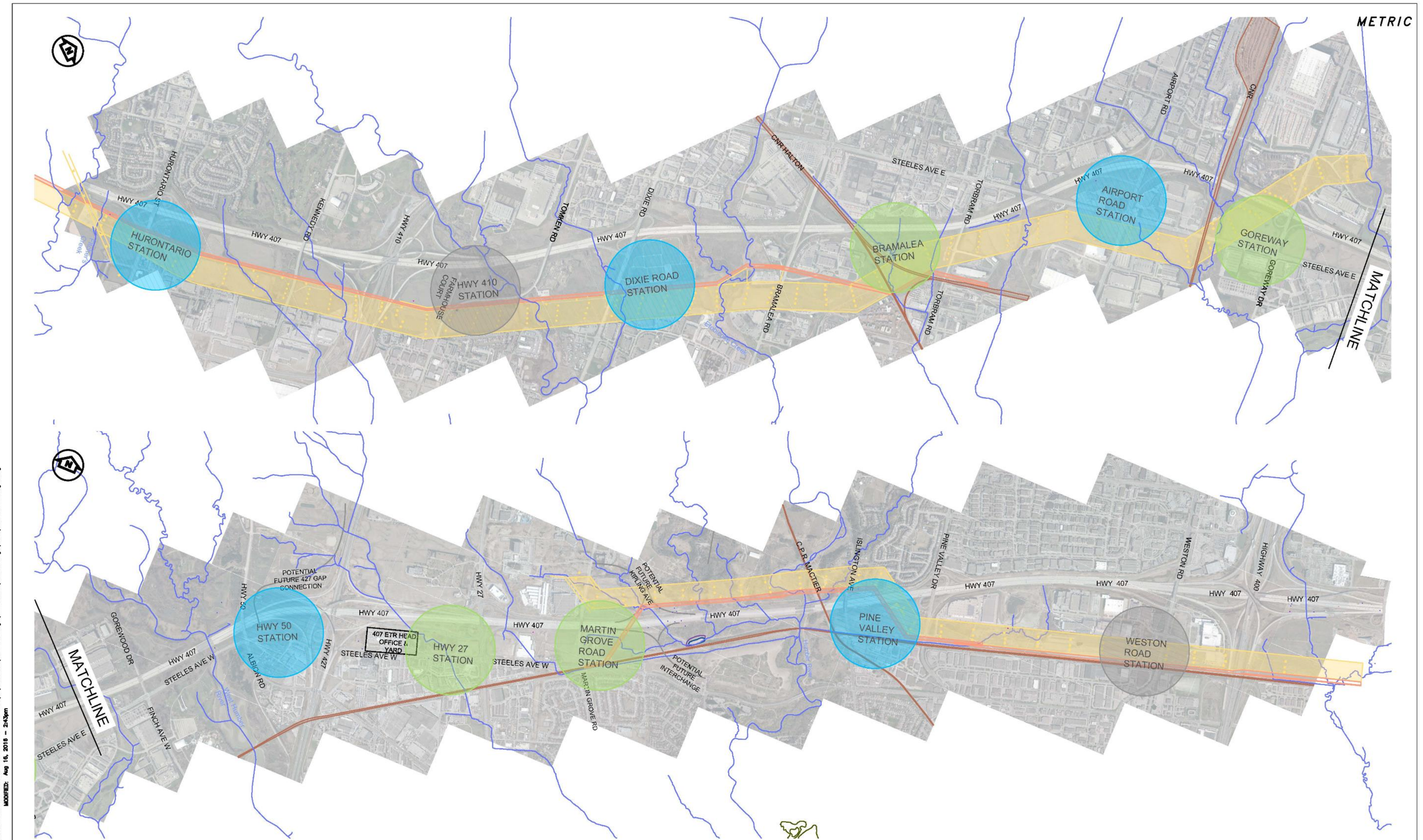


Environmental Conditions

- **Existing Conditions within the Area of Investigation Based on Available Information**
  - 4 main watersheds – Credit River, Etobicoke Creek, Mimico Creek and Humber River
  - 23 watercourse crossings potentially impacted
  - Species at risk - two wildlife species at risk observed during field investigations including Eastern Wood Peewee and Barn Swallow.
  - Potential wildlife habitat exists to support a number of wildlife species at risk
  - One *Area of Natural and Scientific Interest* (Woodbridge Pleistocene Cut Earth Science ANSI) and one *Environmentally Significant/Sensitive Area* (Woodbridge Cut ESA)
  - Presence of previously registered archaeological sites and cultural heritage sites

- **Environmental Field Investigations, Impact Assessment and Development of Protection/Mitigation Measures to Occur in 2016 and 2017**
  - Natural Sciences (fisheries and terrestrial ecosystems)
  - Landscape Composition
  - Archaeology
  - Cultural Heritage
  - Noise
  - Air Quality
  - Groundwater
  - Contaminated Property and Waste
  - Land Use/Socio-Economics
  - Hydrology

Evaluation Stage 1 – Station Site Screening



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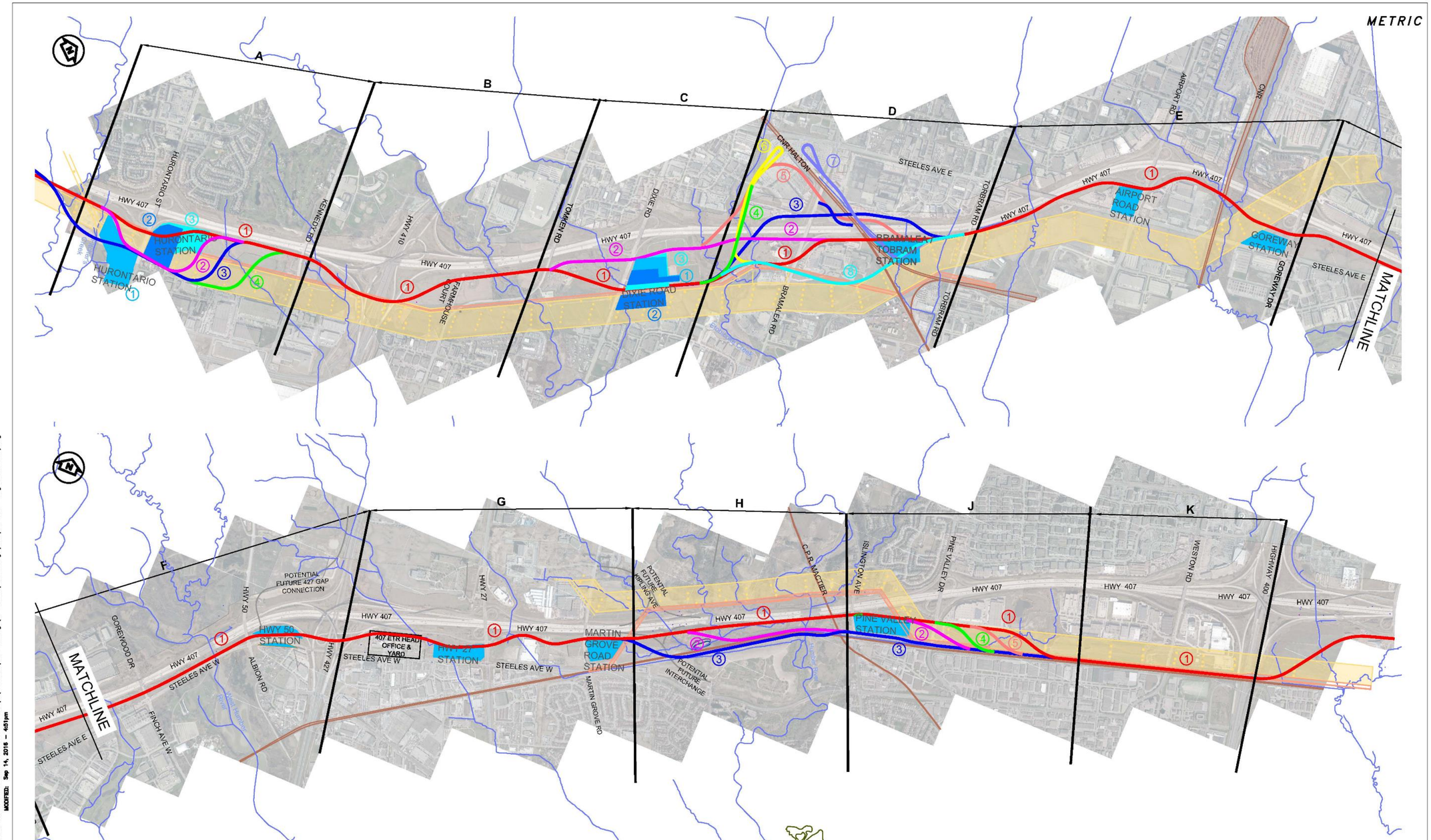
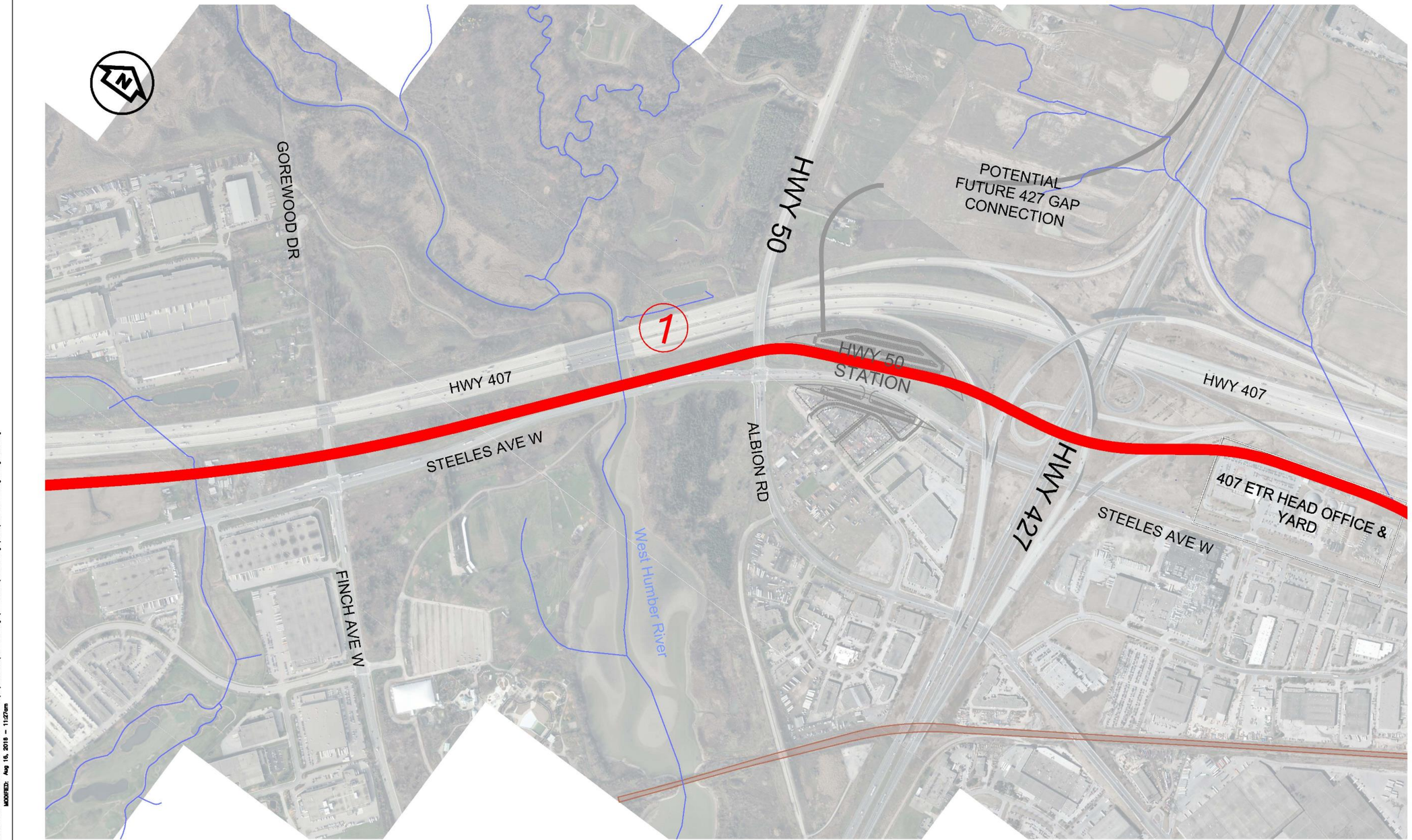
Evaluation Stage 2 – Screening of Unfeasible Alternatives
All options and evaluation zone limits



Evaluation Stage 2A – Screening of Unfeasible Alternatives
Highway 50 Area



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LEGEND
- HYDRO CORRIDOR
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407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

PLATE

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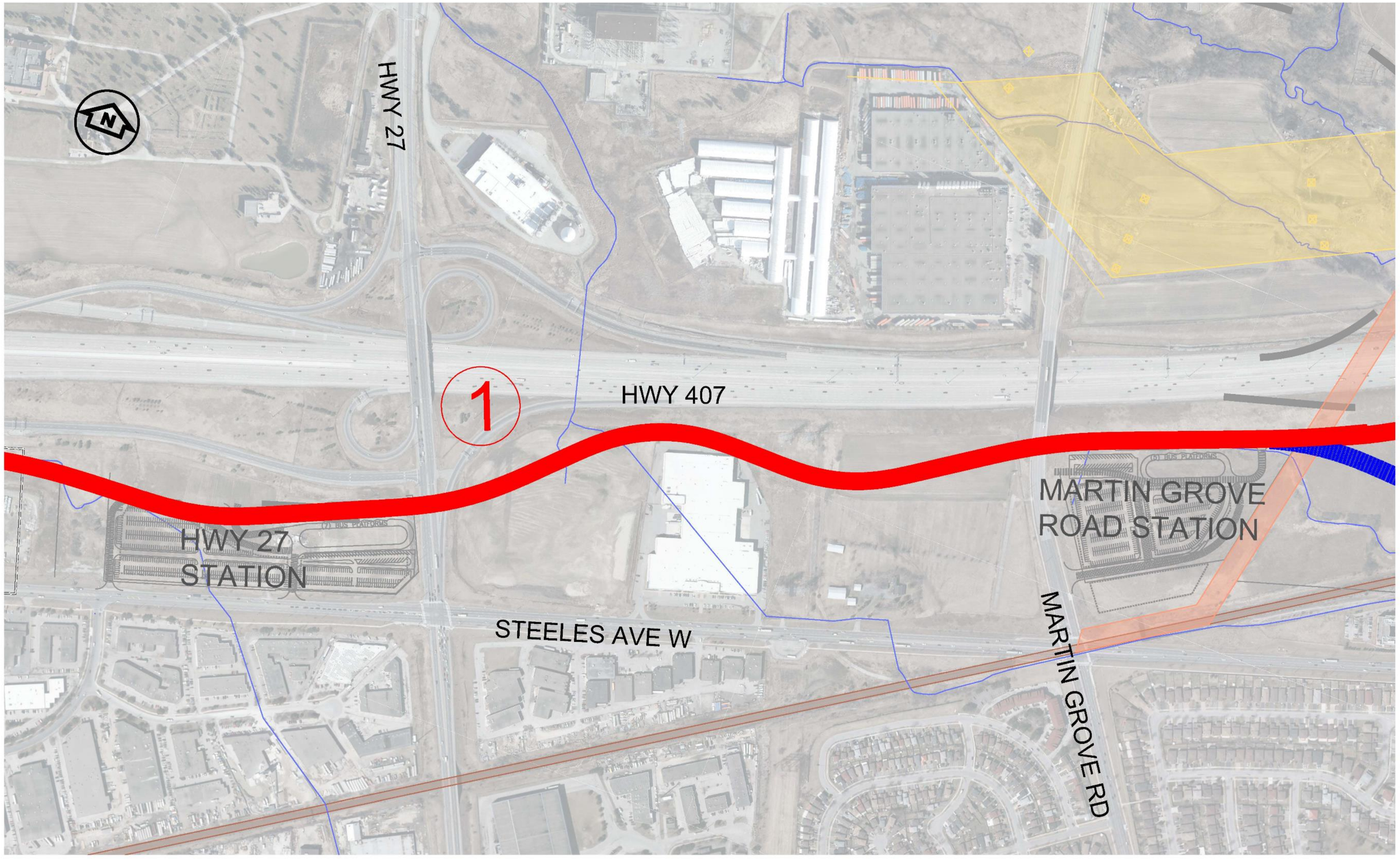
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Highway 27 / Martin Grove Area



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LEGEND
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407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

PLATE

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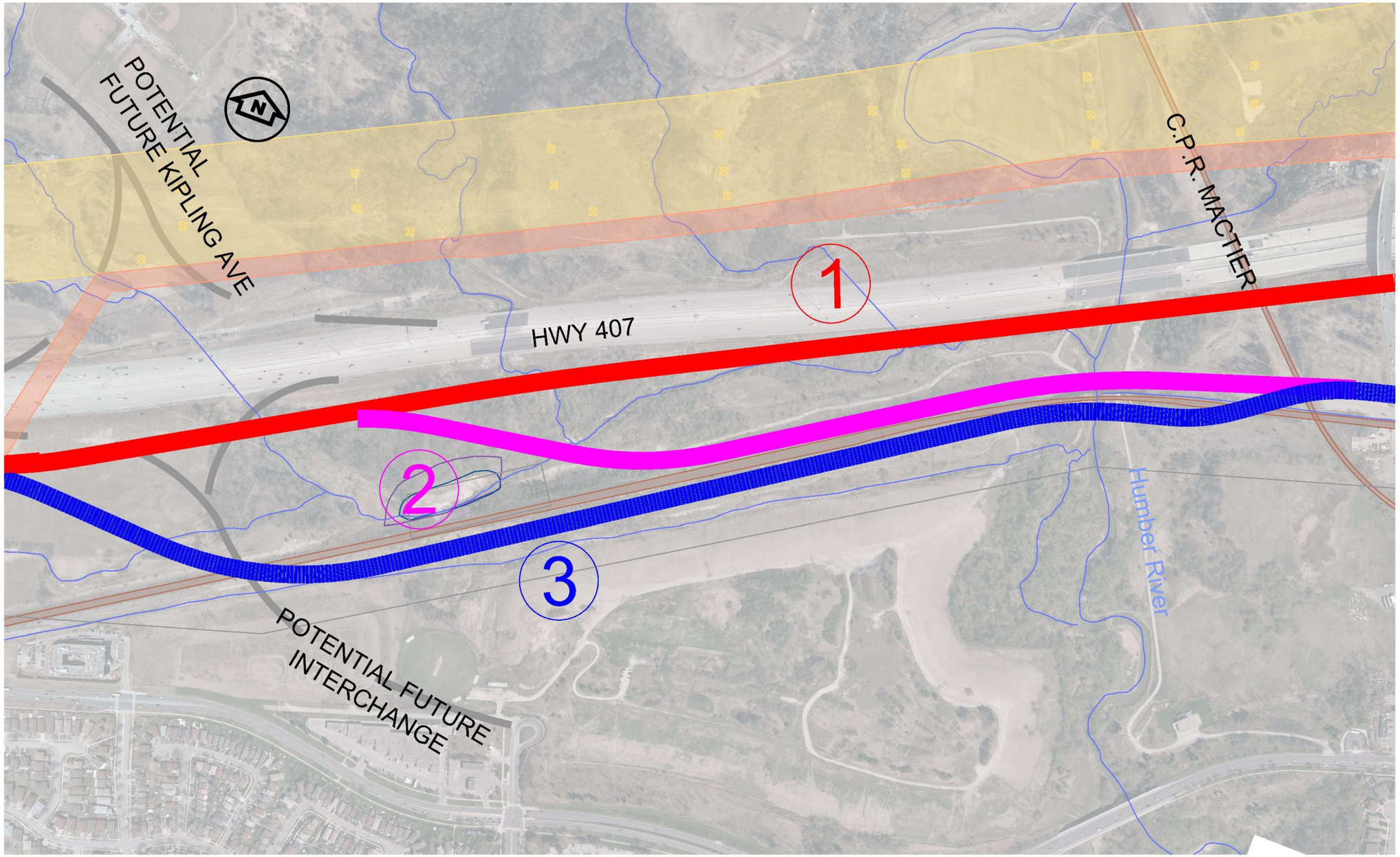
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Humber River Area



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DRAWING SET PLANNING OPTIONS

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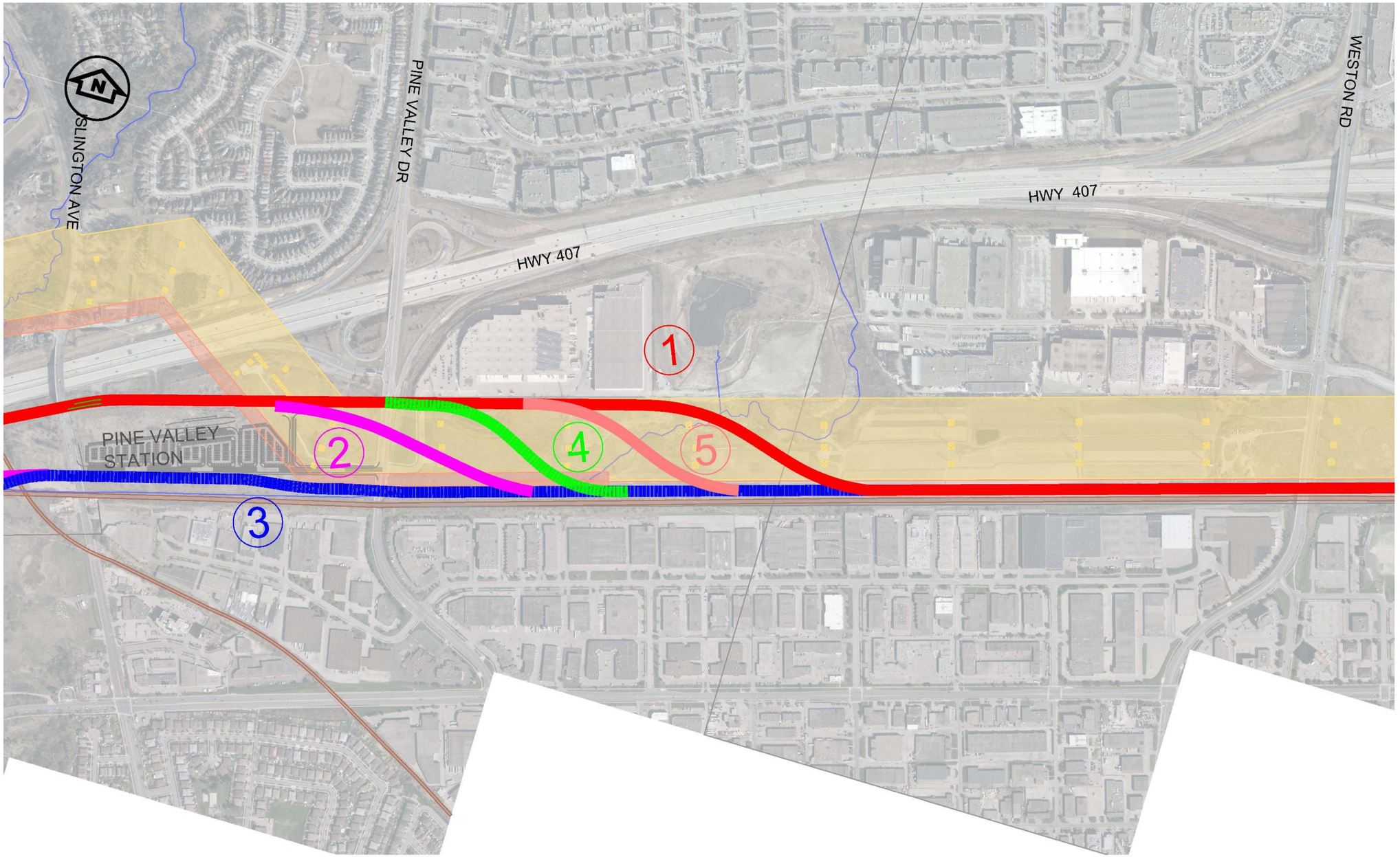
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Pine Valley Area



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SCALE 1: 8000

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407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

PLATE

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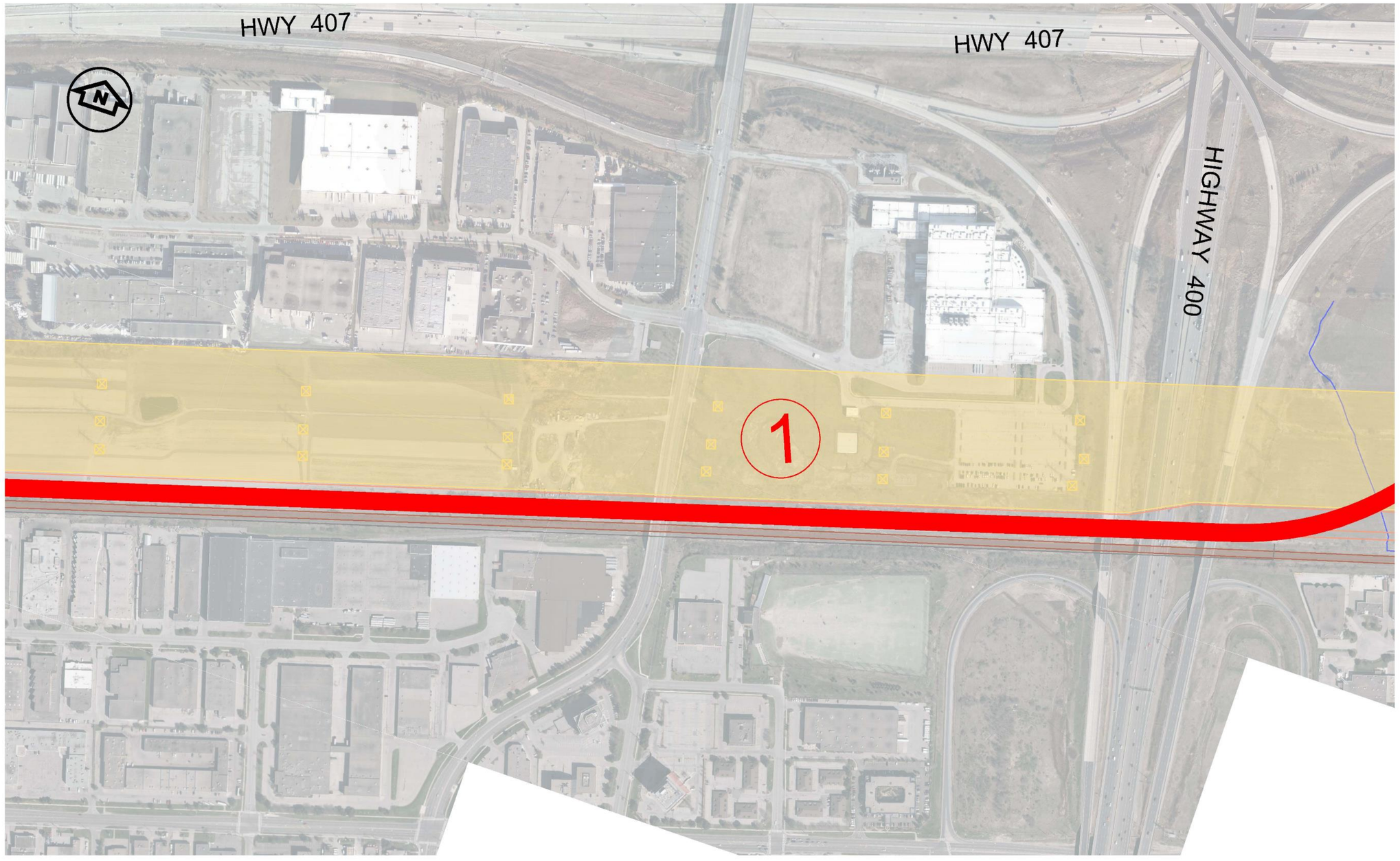
Evaluation Stage 2A – Screening of Unfeasible Alternatives
Weston Road Area



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SCALE
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407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400

DRAWING SET PLANNING OPTIONS

PLATE

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MODIFIED: Aug 17, 2018 - 3:51pm

Next Steps for Planning Phase

- TRG Meeting #1 – *October*
- PIC #1 – *November*

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HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF PROJECT INTRODUCTION, PROJECT STATUS, AND PLANNING ALTERNATIVES MEETING

HELD ON: **Date:** Monday, September 19th, 2016
Time: 09:30 a.m. – 11:00 a.m.

HELD AT: Vaughan City Hall, 2141 Major Mackenzie Dr., Vaughan, ON, L6A 1T1, Committee Room 249 (room moved)

ATTENDEES: Graham DeRose (GDR)
Larry Sarris (LS)
Adrian Firmani (AF)
of: MTO

Gus Garron (GG),
Holly Kerslake (HK),
Robb Minnes (RM),
Chris Bishop (CBP)
of: Parsons

Scott Johnson (SJ)
Allan Ortlieb (AO
of: IBI

Liz Speller (LS),
of: LGL

Steve Mota (SM)
Erica Springate (ES)
of: York Region and YRT

Mani Shahrokni (MS)
Kyle Fearon (KF)
Selma Hubjer (SH)
of: City of Vaughan

PURPOSE: **Project Introduction, Project Status, and Planning Alternatives**

Item	Action
Introduction - GG of Parsons introduced the project providing a brief description of the 150 km fully grade separated exclusive right of way 407 Transitway, from Burlington to Hwy 115, of which, this assignment encompasses the Section between Hurontario Street and Hwy 400 that includes 22 km and 8 potential stations.	Info
Status and Schedule of the Assignment - GG described the project schedule, indicating that the ridership study, identification of environmental conditions, and identification of station and alignment alternatives have been completed, and that the team is currently in the evaluation of planning alternatives,	Info

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Item	Action
which is planned to be completed in December 2016, after presentations and feed-back from the stakeholders and the public. Following the Planning Phase, the pre-TPAP and TPAP processes will be followed. Initial estimate of completion is early 2018. - SJ summarized results of the ridership study and potential types of transit service along the corridor. Peel Region requested a copy of the ridership report. GG advised that it is currently with MTO for staff review and would be available at later date. LS summarized the initial findings of environmental conditions based on available information, and the list of the detailed field investigations and subsequent assessment that will be conducted.	
Planning Alternatives Evaluation Process - GG explained the planning alternatives evaluation process that is being followed through the planning stage of the project as follows: Initial Screening – Stage 1 o Corridor Protection Study (CPS) developed in 1998 was used as the base alternative. o Based on results of the ridership study and the existing environmental conditions, some of the potential station nodes identified in the CPS were screened out as a result of low ridership forecast, proximity to an adjacent station, land availability, accessibility and/or findings of major environmental impact. Second Screening – Stage 2 (underway) o All possible alignment and station site alternatives from Stage 1 were identified and a second screening based on more detailed evaluation indicators is currently being conducted. These alternatives and an initial selection of the preferred options will be presented to the stakeholders and the public. Third Screening – Stage 3 o After feedback is received from the stakeholders and the public, the results of Stage 2 will be reviewed, confirmed or revised. The outcome of this stage will be the selected planning alternative that will be assessed through environmental field investigations, detailed traffic analysis, functionality and operation, and preliminary design during the pre-TPAP phase of the project. Stage 4 – Confirmation of Planning Alternatives Evaluation o Based on the findings of the detailed investigations and studies of the pre-TPAP phase, the planning alternative will be confirmed or revised prior to initiating the TPAP process.	Info
Discussion on identified planning alternatives: **Highway 427/ Highway 50 Area** – YRT/Viva is interested in knowing how many bus bays will be incorporated at the Hwy 50 Station as YRT is interested in a future terminal in the area. As this is the border between York Region and Peel, it is a natural connection point between YRT/Viva and Brampton Transit services. A terminal here could allow for integration between YRT/Viva, Brampton Transit, Hwy 407 Transitway service, and future Hwy 427 Transitway service. – At this stage, the 407 Transitway team is gathering information regarding plans of the various transit agencies at the Hwy 50 Station to review the Hwy 427 Transitway Station layout in coordination with the transit agencies.	Info

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Item	Action
Highway 27 – Martin Grove Area - Although proximity of potential stations at Hwy 27 and Martin Grove would not favour both stations, the 407 Transitway team is still evaluating this matter due to high demand at these locations, available land to provide required parking capacity, accessibility, transit integration, and traffic impact on Steeles Avenue.	Info
Pine Valley Station Area - Various alignment alternatives are being assessed in this area; however, confirmation of major utility plans and depth information of existing services are still missing. Both York Region and City of Vaughan offered to assist Parsons in this matter. - Vaughan noted that consideration of the West Vaughan Sewage System Project (part of the overall master plan) which is being completed west of Islington Avenue is required. A review of the preliminary design of the sewer, following the meeting, indicates that the planned sewer is well below the proposed Transitway alignment and should not pose an issue. The sewer information will be incorporated on the Transitway drawings.	Parsons York Region Vaughan
Weston Road Station – Elimination – York Region staff expressed concerns about eliminating the Weston Road station. ES from YRT noted that Weston Road is a major YRT route and part of the Region's frequent transit network. YRT suggested investigating at least a bus stop and vertical Transitway connection at this location. Parsons indicated that in planning even for a Transitway stop only, available right of way may not be sufficient to allow for Transitway platforms and by pass lanes. Further, Parsons indicated that the ridership study indicated low forecast demand at this location. SM of York Region suggested that commuter parking and passenger pick-up/drop-off also be considered since a transit transfer only would likely not be sufficient to justify a station at this location. In addition, a Weston Road station would provide some overflow capacity in the event that the 407 Station at the Spadina Subway reaches capacity. The Transitway team will further investigate this node and will advise YR and YRT on the findings. YRT will provide MTO and Parsons with information on future transit routing plans involving Weston Road at this location. – YRT will provide MTO and Parsons with information on future transit routing plans involving Weston Road at this location.	Parsons

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

Technical Resource Group Meetings #1

407 Transitway

PROJECT INTRODUCTION, STATUS AND PLANNING ALTERNATIVES

NOVEMBER 3RD, 2016

PROJECT WEBSITE: 407Transitway.com

Ontario

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2. Main Project Objectives
3. Tentative Schedule
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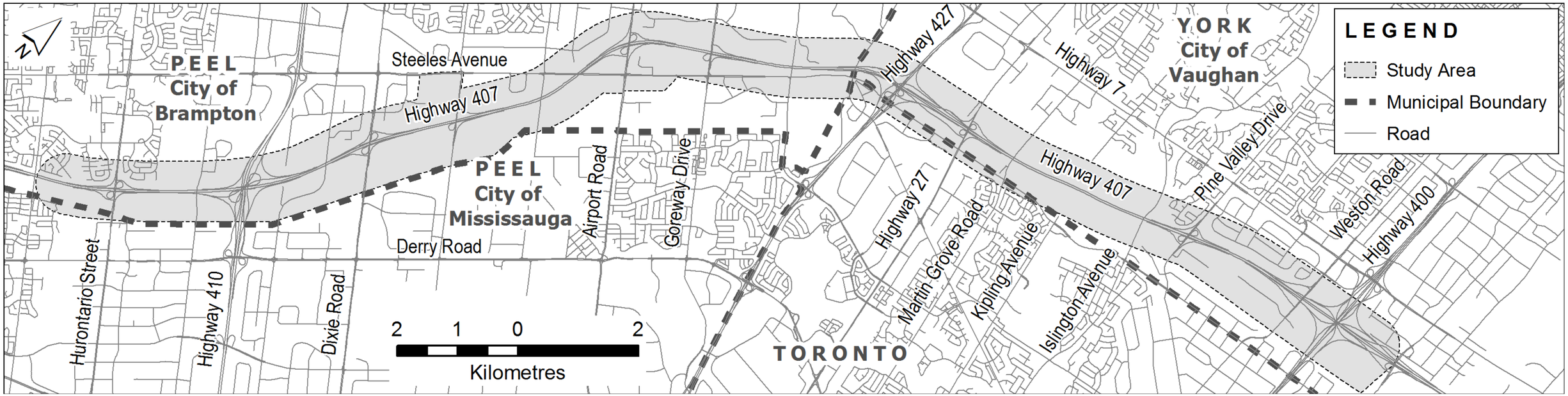
5. Environmental Conditions
6. Alternative Evaluation Process
7. Planning Alternatives
8. Next Steps

TRG Members

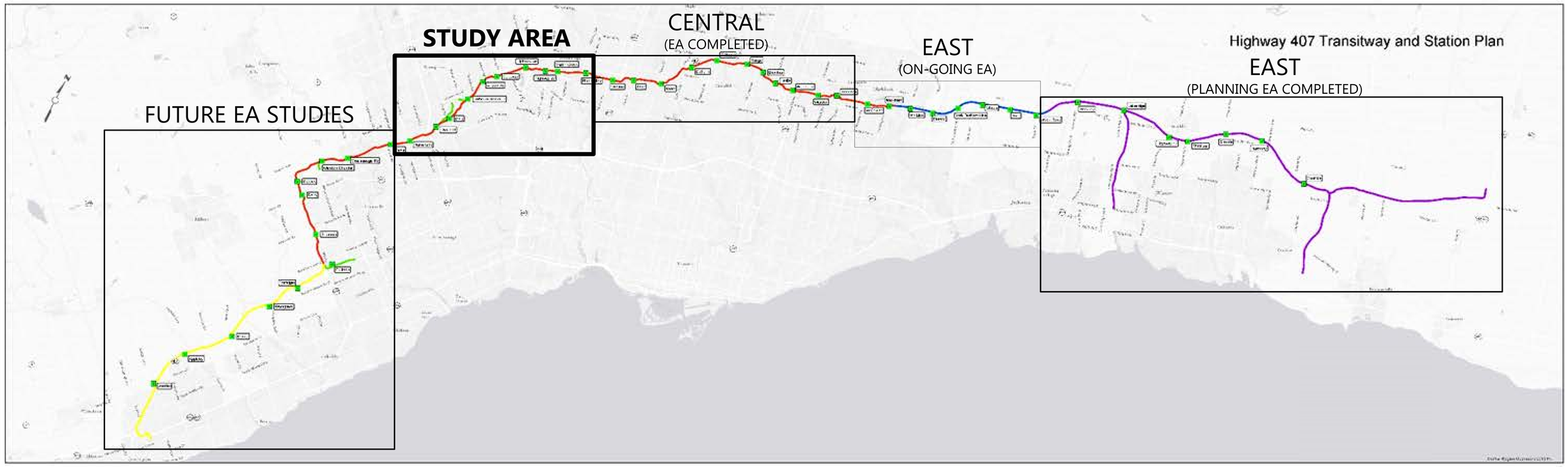
What is the 407 Transitway?



- Exclusive corridor, fully grade separated rapid transit (Bus Rapid Transit or Light Rail Transit) parallel to Highway 407.
- The 407 Transitway will connect Burlington to Highway 35/115, a length of 150 km, with up to 50 surface stations.
- **Study limits for this Section:** West of Hurontario Road to Highway 400.

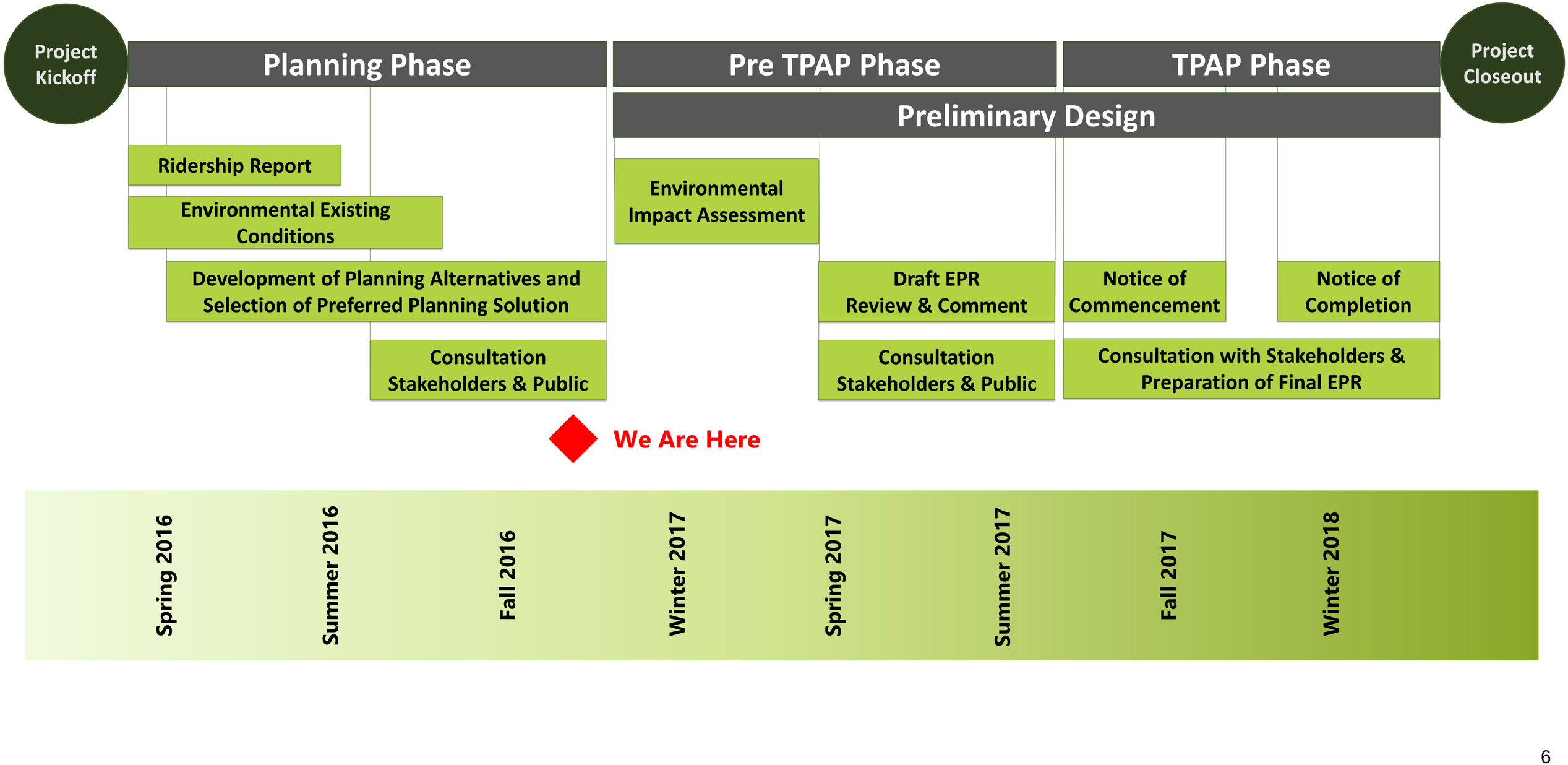
Main Project Objectives

- Enhance east-west cross-regional mobility and increase transit capacity to meet forecasted travel demand.
- Offer a viable, cost-effective way of moving people in the Highway 407 corridor.
- Improve accessibility to existing/planned major urban centres/nodes, post secondary educational institutions, and other nodes of high demand.
- Improve integration with regional transportation network.
- Reduce automobile dependence and green house gas emissions.
- Identify land protection requirements for Transitway infrastructure.



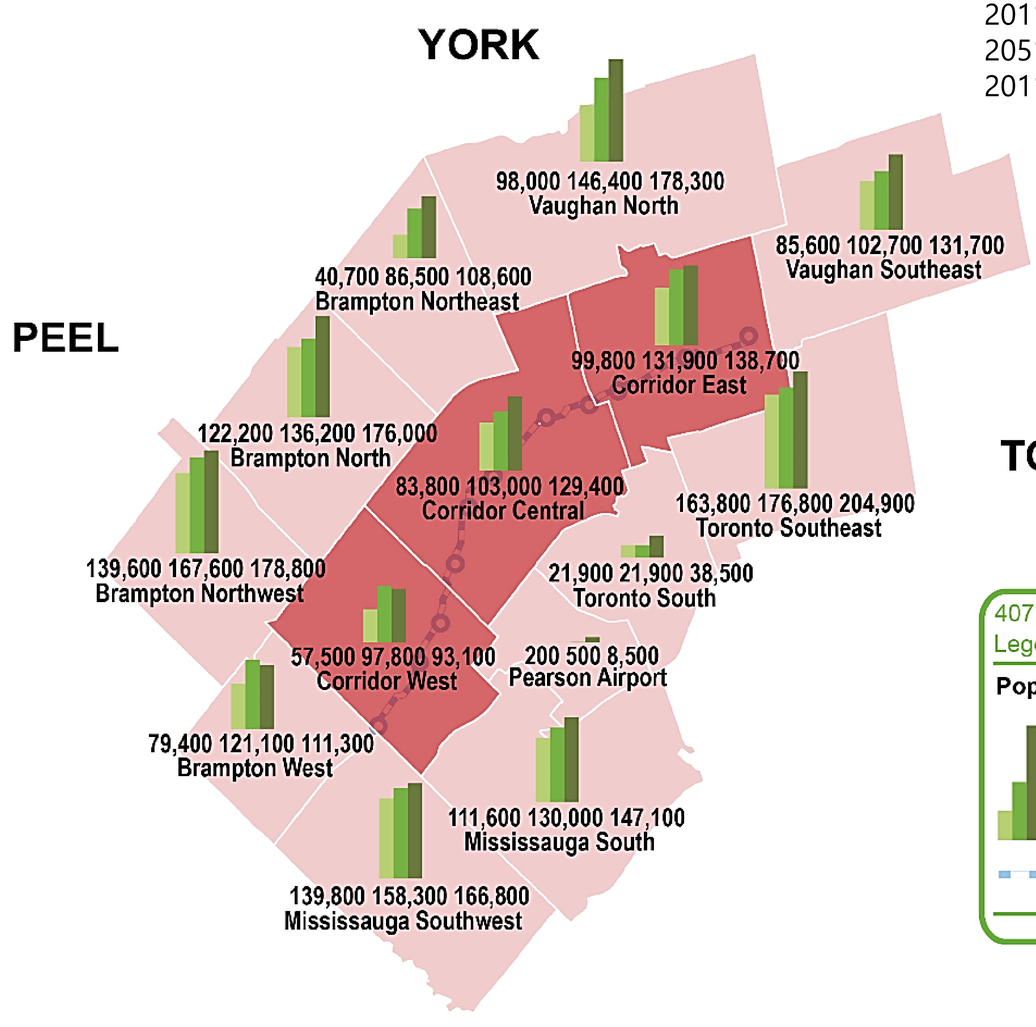
407 Transitway Complete Configuration

Tentative Schedule



Corridor Growth

- By 2051, Peel Region is projected to add 820,000 people and 410,000 jobs.
- By 2051, York Region is projected to grow by 900,000 people and 510,000 jobs.
- Congestion projected to increase significantly. Road expansions alone not sufficient to support travel demand.
- High quality rapid transit will serve future travel patterns and provide a range of mobility choices to support of the needs of future residents and Growth Plan policies.



Study Area Population Totals:
2011: 148,000
2051: 329,200
2011-51 Growth: 122%

Ridership Projections

2051 AM Peak Hour Ridership on 407 Transitway, from Hurontario to Highway 400:

- Peak load is 7,500 eastbound entering Jane Station.

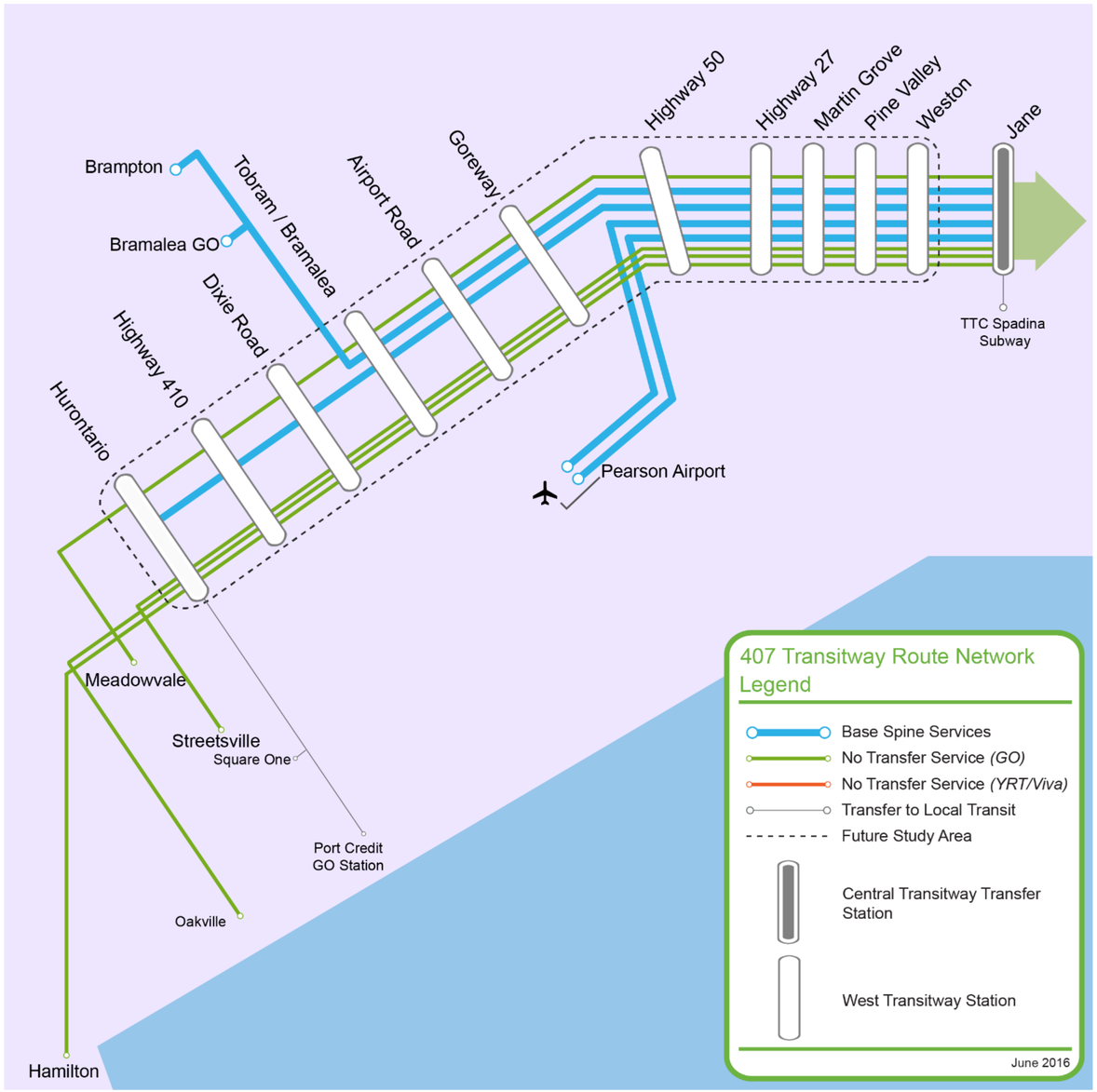
Service Concept

Extend the 407 Transitway operating concept from the Central Section:

- **Spine services** – line haul services that operate exclusively on the Transitway including some express routes.
- **No-transfer services (Interlining)** – designed to provide one-seat rides between major nodes and residential areas. Routes include portions both on and off the Transitway.
- Average speed including station stop time of between 50-65 km/h depending on service and station node configuration.

Nodes served by Transitway:

- Urban Growth Centres (Brampton, Vaughan, Richmond Hill, Markham, Downtown Oshawa, and Pickering).
- Post Secondary Institutions (York University, UOIT, Durham College, York University Keele Campus, York University Markham Campus).
- Transit Connections (Bramalea GO, MiWay, Brampton Züm, YRT, VIVA, TTC, HuLRT).



Environmental Conditions

Existing Conditions within the Area of Investigation Based on Available Information:

- 4 main watersheds – Credit River, Etobicoke Creek, Mimico Creek and Humber River.
- 23 watercourse crossings potentially impacted.
- Species at risk - two wildlife species at risk observed during field investigations including Eastern Wood Peewee and Barn Swallow.
- Potential wildlife habitat exists to support a number of wildlife species at risk.
- One *Area of Natural and Scientific Interest* (Woodbridge Pleistocene Cut Earth Science ANSI) and one *Environmentally Significant/Sensitive Area* (Woodbridge Cut ESA).
- Presence of previously registered archaeological sites and cultural heritage sites.

Environmental Field Investigations, Impact Assessment and Development of Protection/Mitigation Measures to Occur in 2016 and 2017:

- Natural Sciences (fisheries and terrestrial ecosystems)
- Landscape Composition
- Archaeology
- Cultural Heritage
- Noise
- Air Quality
- Groundwater
- Contaminated Property and Waste
- Land Use/Socio-Economics
- Hydrology

Identification and Evaluation Process of Planning Alternatives

Corridor Protection Study Assessment

Screening of Station Nodes

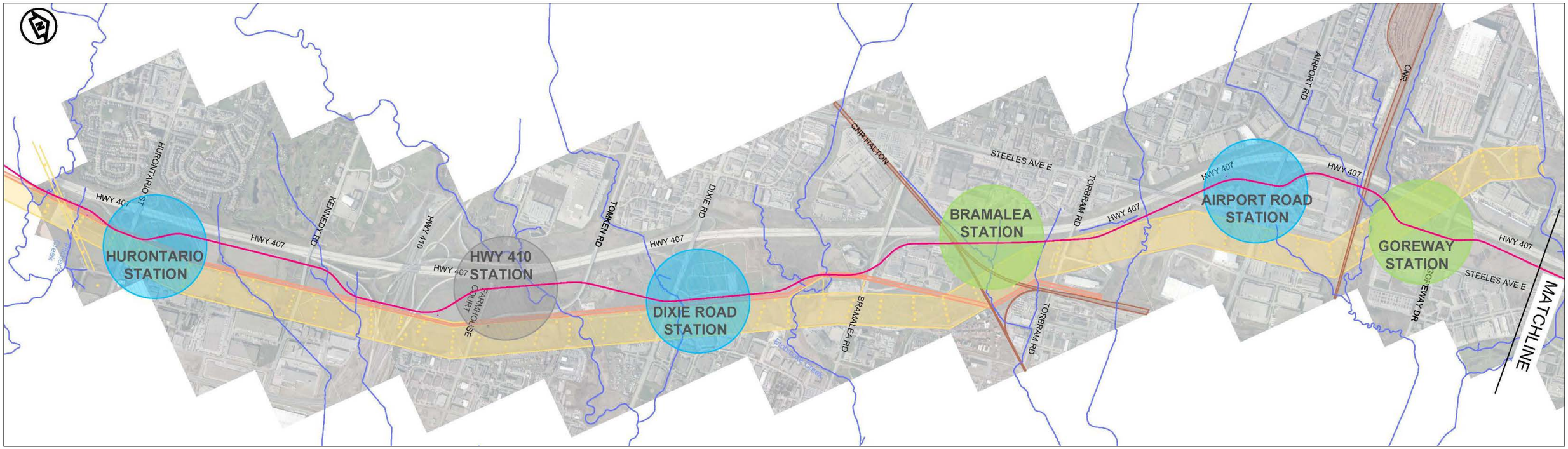
Identification of Alignment and Station Site Alternatives

Initial Evaluation of Alignment Alternatives and Station Options

Initial Consultation Process

Evaluation Review: Definition of Preferred Planning Alternatives

CPS Assessment and Screening of Station Nodes



Hurontario Station
Selected

- Highest ridership of all stations
- Connects to HuLRT

Hwy 410 Station
Not Selected

- Low ridership
- Limited land availability
- Limited access opportunities

Dixie Road Station
Selected

- High future ridership potential

Bramalea Station
Conditionally Selected

- Most ridership from interlining
- Low demand for local access

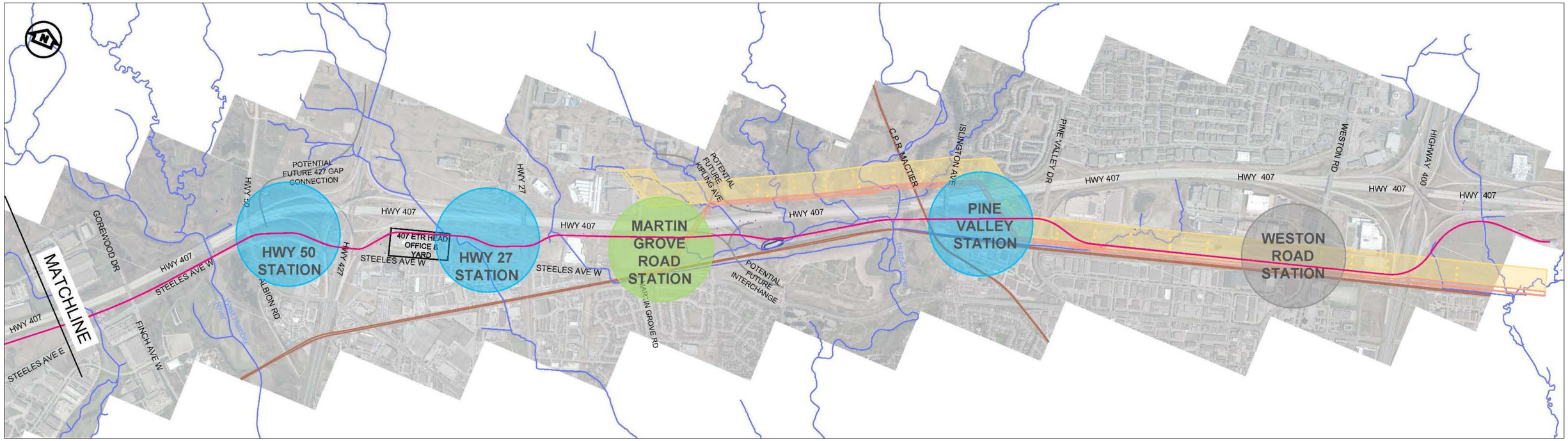
Airport Road Station
Selected

- High ridership
- Limited land availability

Goreway Station
Conditionally Selected

- Moderate ridership
- May relieve high demand at Airport Road Station
- Very close to Airport Road Station

CPS Assessment and Screening of Station Nodes



Hwy 50 Station
Selected

- High ridership; connects to 427 Transitway
- May require additional land

Hwy 27 Station
Selected

- High ridership

Martin Grove Road Station
Conditionally Selected

- Moderate ridership
- May relieve high demand at Hwy 27 Station

Pine Valley Station
Selected

- Moderate ridership
- Long distance to next station (6 km to Jane Station)

Weston Road Station
Not Selected

- Low ridership
- No right of way availability for stop platforms
- Limited space for station facilities
- Limited access opportunities
- Close proximity to Jane Station

Identification and Evaluation Process of Planning Alternatives

Corridor Protection Study Assessment

Screening of Station Nodes

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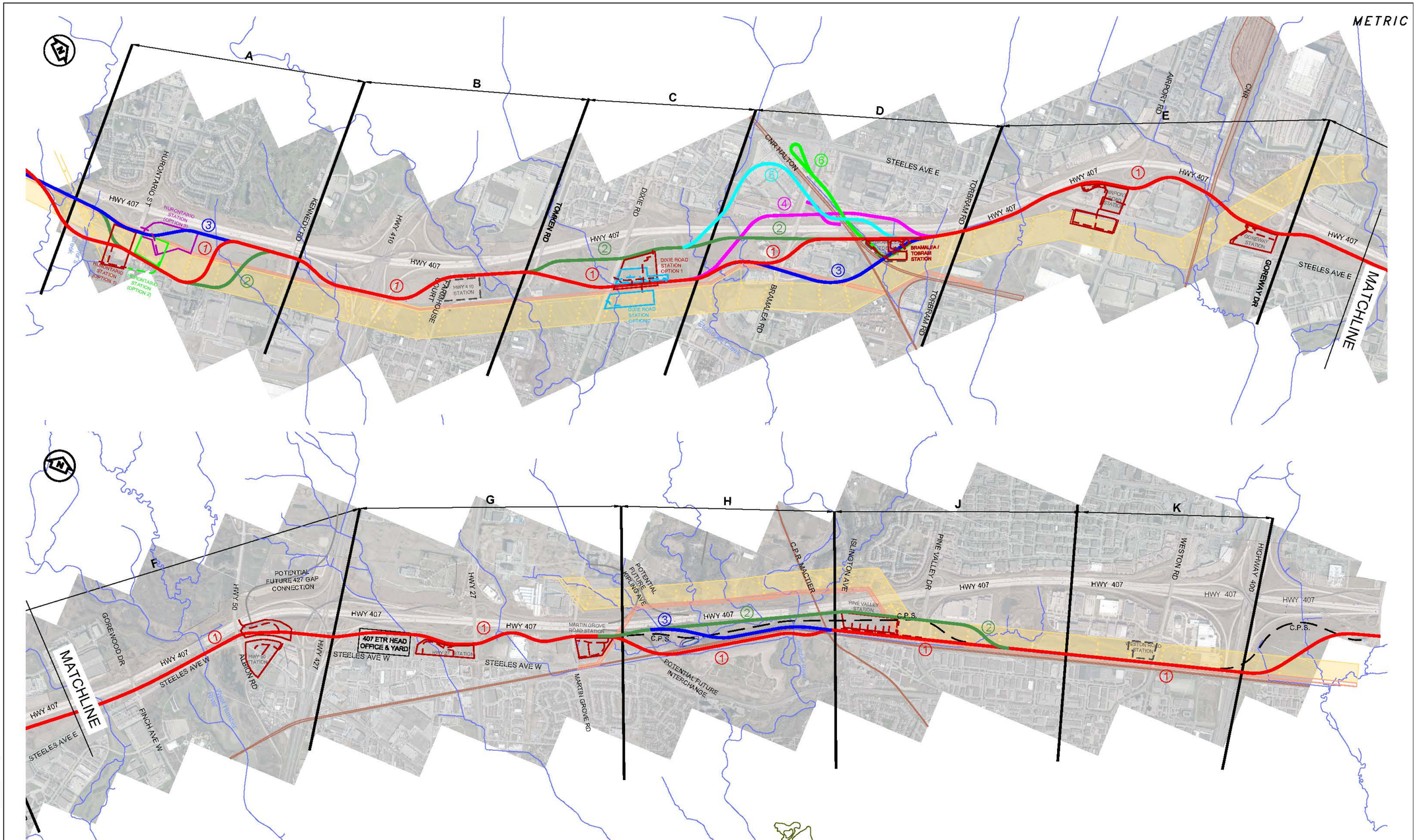
Initial Evaluation of Alignment Alternatives and Station Options

Initial Consultation Process

Evaluation Review: Definition of Preferred Planning Alternatives

Alignment and Station Site Alternatives



SCALE: NOT TO SCALE	LEGEND: HYDRO CORRIDOR, UTILITY CORRIDOR, ALIGNMENT OPTIONS, WATER COURSES, Rail Corridor, STATION OPTIONS	407 TRANSITWAY WEST OF HURONTARIO TO EAST OF HWY 400	ALIGNMENT OPTIONS KEY MAP

DRAWING NAME: J:\TDR\602886 ON-HTO 407 TRANSITWAY HURONTARIO-HWY 400\TYS General\03 - Drawings\6 - Plates\Evaluation graphics\407 TW3 - stage2 overall map.dwg
CREATED:
MODIFIED: Nov 02, 2016 - 11:36am

Identification and Evaluation Process of Planning Alternatives

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Evaluation Review: Definition of Preferred Planning Alternatives

Evaluation Process Stage 2 – Criteria

ENVIRONMENT

Natural

- Landform/ Features
- Hydrology, Geology and Hydrogeology
- Species/ Habitat at Risk
- natural heritage resources

Social

- Property
- Noise and Air Quality Impacts
- Construction Staging Impacts
- Land Use Compatibility with Provincial and Municipal Plans and Policies

Cultural

- Archeological Potential Effects
- First Nation Lands

SERVICE QUALITY AND INFRASTRUCTURE

Transitway Operation

- Transitway Alignment (Safety, Ride Comfort, Travel Time)
- Suitability for Staged Implementation

Accessibility & Connectivity

- Pedestrian Accessibility and Connectivity
- Vehicular Accessibility
- Transit Connectivity

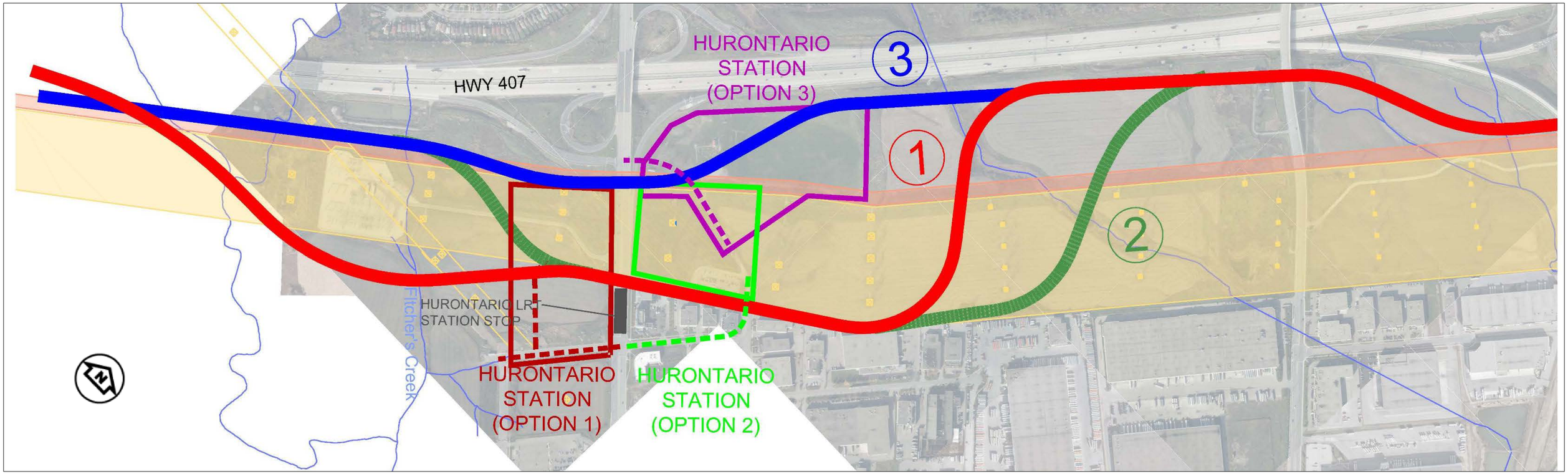
Site Area

- Size and Shape
- Ability to Optimize Station Facility Layout and Functionality
- Area for Surface Expansion

Constructability and Cost

- Disruption to Traffic
- Major Utility Relocation
- Cost Range

Alignment and Station Site Alternatives
Hurontario Street Area

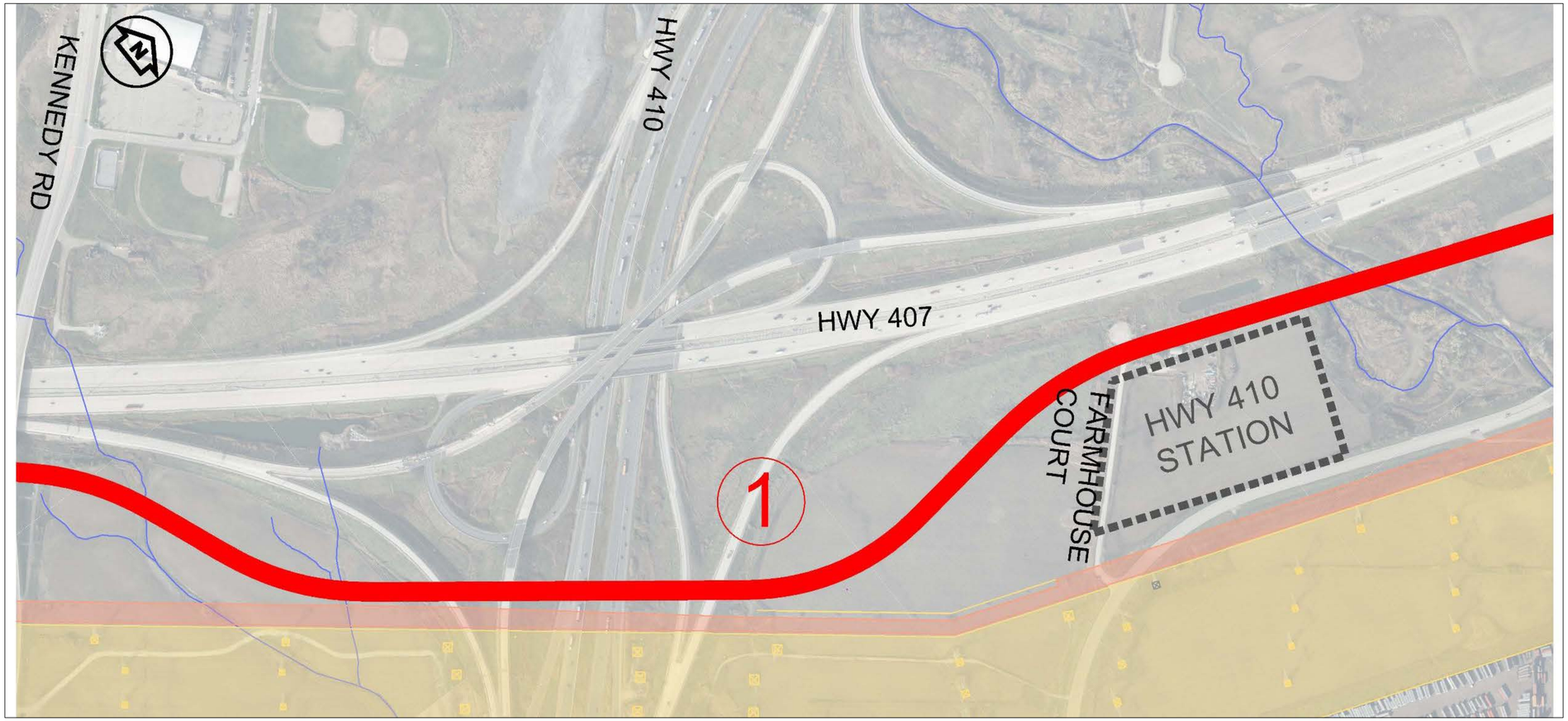


- **Alignment Alternative 1**: Connects with HuLRT Stop; no impact to HuLRT approved MSF; no impacts to Hydro towers; restrained speed; private property impact.
- **Alignment Alternative 2:** Connects with HuLRT Stop; only a feasible option if HuLRT relocates MSF to initial site just east of interchange; private property impact.
- **Alignment Alternative 3**: Follows protected corridor; no property impacts; no connection with HuLRT Stop.

- **Station Option 1:** Would affect private property; larger site.
- **Station Option 2:** May affect private property.
- **Station Option 3:** Only feasible for Alignment 3.

Initial Recommendation: All alignment alternatives and station options being carried forward.

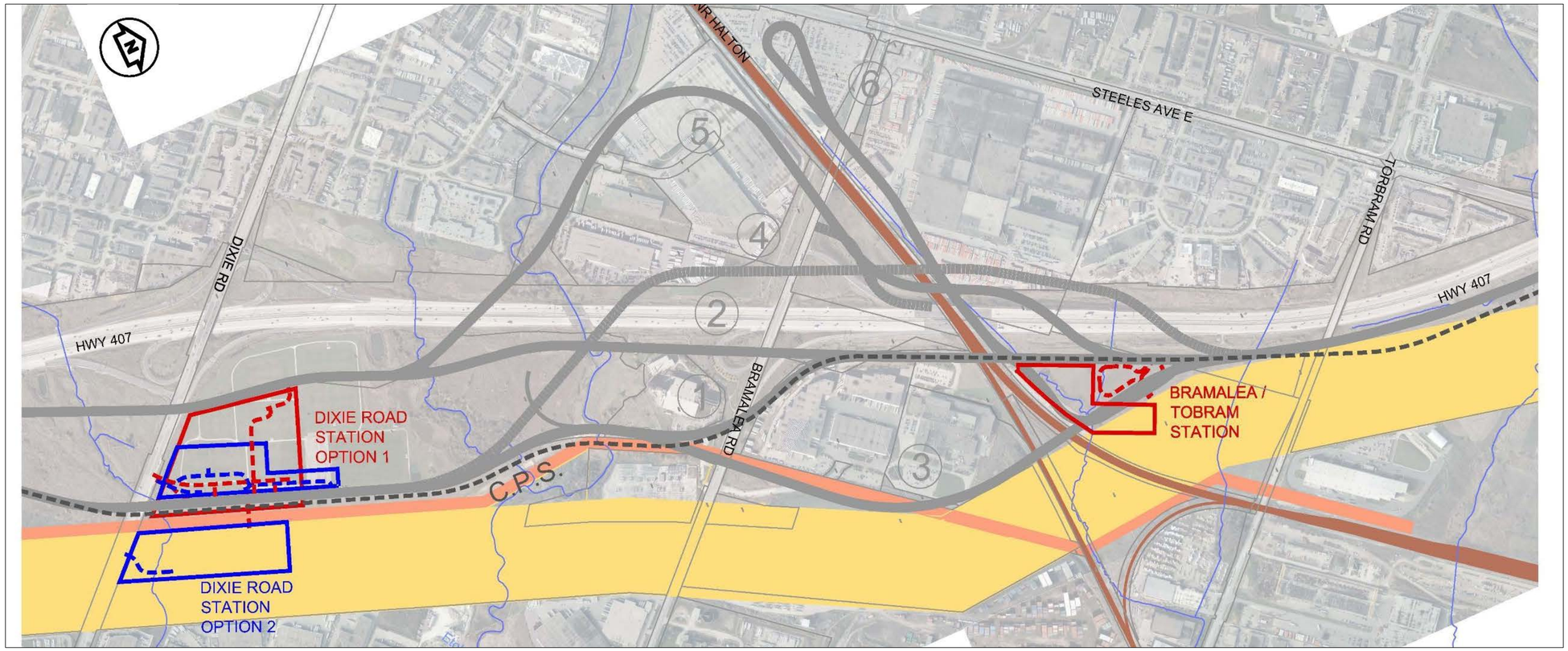
Alignment and Station Site Alternatives
Hwy 410 Area



- Only Alignment being considered follows protected corridor.
- May be adjusted based on constructability assessment.
- No station at this location.

Initial Recommendation: Alignment carried forward.

Alignment and Station Site Alternatives
Dixie Station Options



Dixie Station Option

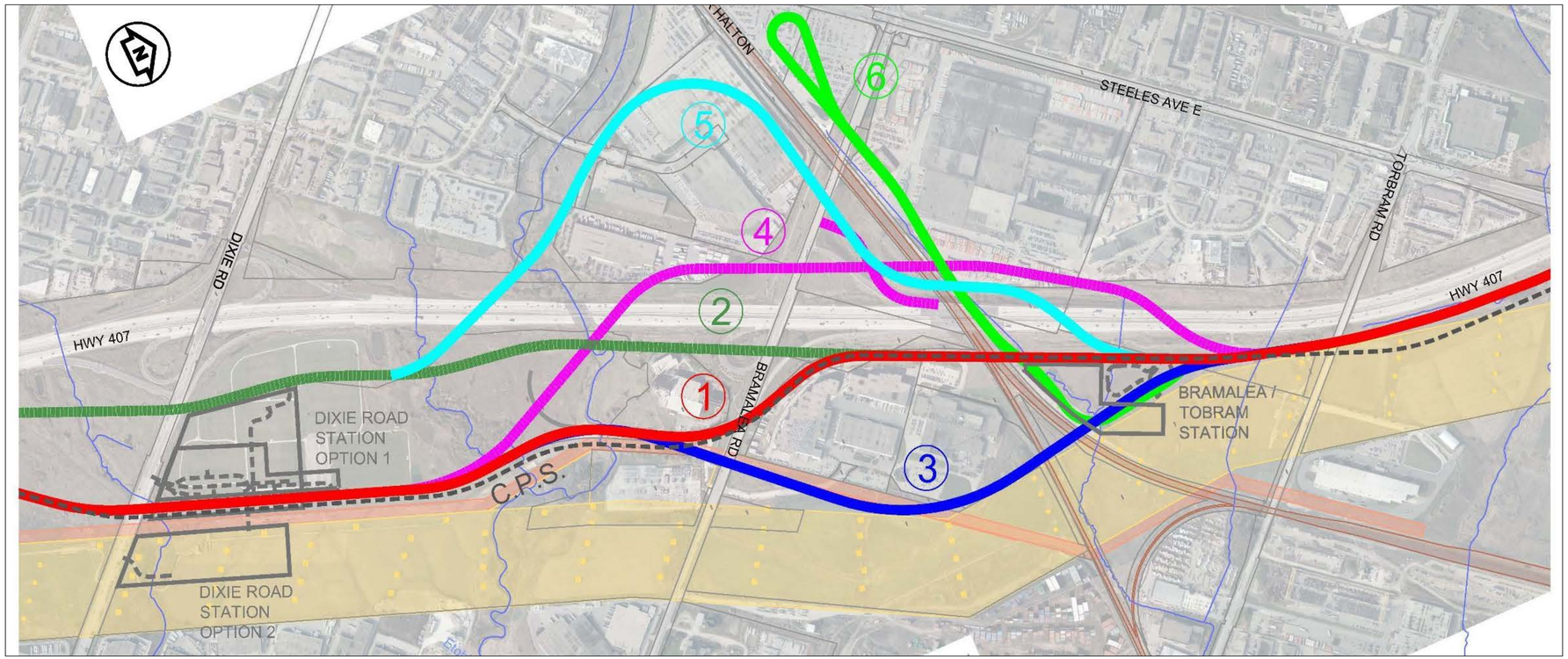
- Good access to/from Highway 407.
- Signalized access from Dixie Road.
- Estimate: 1050 parking spaces required (7.5 ha).
- **Option 1:** Provides for all parking north of Utility/ Hydro Corridor; impacts soccer fields.
- **Option 2:** Minimizes impact to soccer fields by providing split parking lot configuration utilizing lands within Hydro corridor.

Bramalea Station Option

- Isolated from arterial and poor pedestrian access.
- Poor access to/from Highway 407 and low park and ride demand.
- Limited opportunity to connect to Bramalea GO Station.

Initial Recommendation: Eliminate Bramalea Station option. Carry forward both options 1 and 2 for Dixie Road Station.

Alignment and Station Site Alternatives
Bramalea Road Area



Alignment Alternatives 1-3 (south of Highway 407):

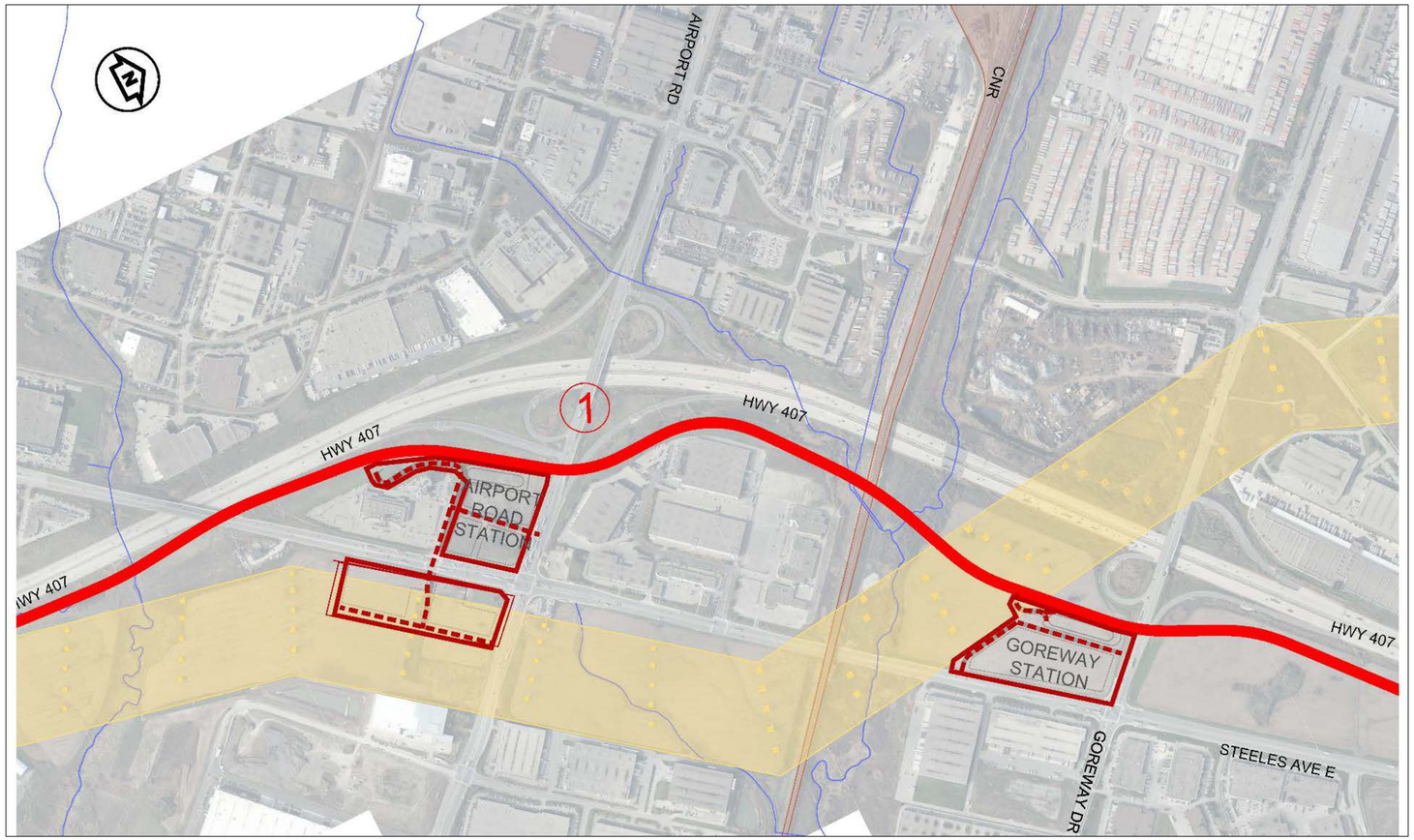
- **Alternative 1:** Alignment follows protected corridor; it crosses over Dixie Road and under Bramalea Road; parallel access road required to accommodate interlining connection.
- **Alternative 2:** Major property impacts; complex crossing under ETR Interchange; and under Dixie Road and Bramalea.
- **Alternative 3:** Alignment crosses over Dixie Road and under Bramalea Road along north limit of Utility/Hydro Corridor. Well suited to interlining correction at Bramalea Road.

Alignment Alternatives 4-5 (north of Highway 407): Excessive construction cost; significant property impacts.

Alignment Alternative 6 (spur connection to Bramalea GO Station): Insufficient ROW available to accommodate connection.

Initial Recommendation: Carry forward alignment alternatives 1 and 3, in conjunction with need for interlining to service demands from Bramalea GO Station and Bramalea City Centre.

Alignment and Station Site Alternatives
Airport Road Area



Alignment Alternative:

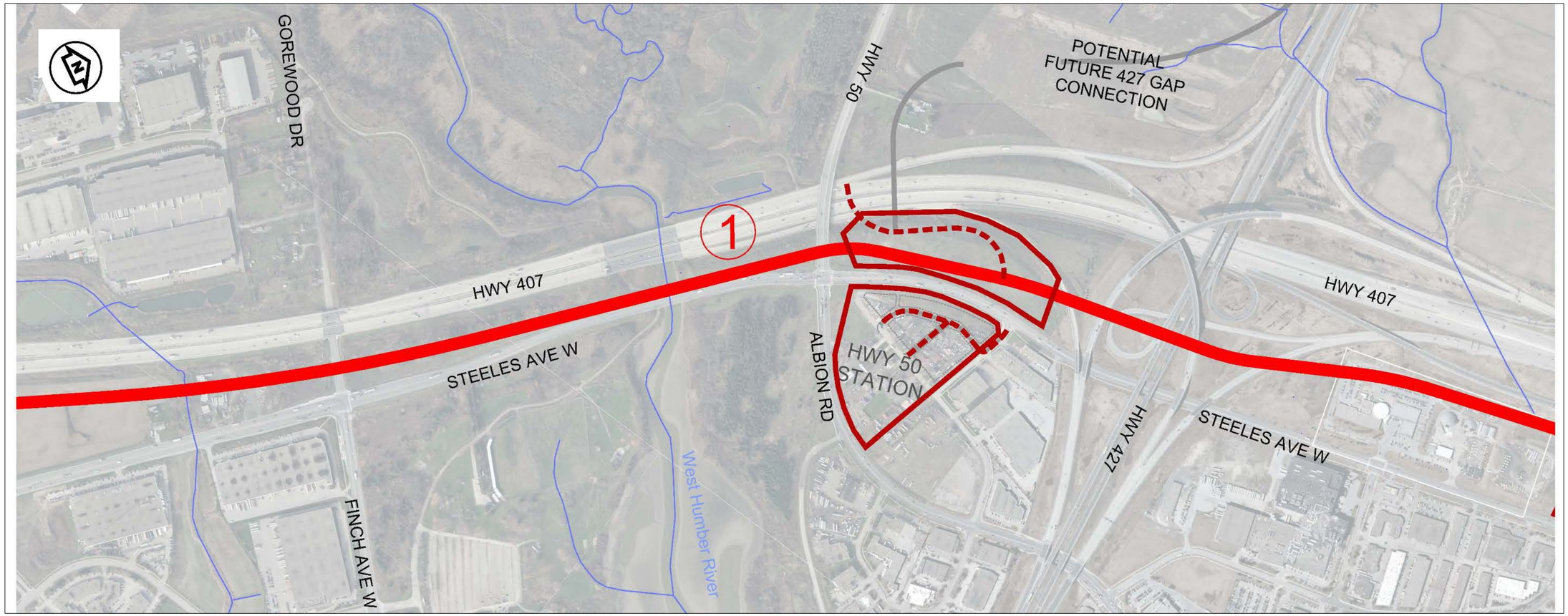
- Horizontal alignment follows protected corridor.
- Vertical alignment crosses under Airport Road and Goreway Drive.
- Stations separated by 1.5 km.

Airport Road Station Option: Good access from Highway 407; signalized access from Steeles Ave; estimate: 570 parking spaces required (4.7 ha). Expansion opportunity within hydro corridor south of Steeles Ave (approx. 700 spaces, 4.9 ha).

Goreway Station Option: Limited access from Highway 407 (Partial interchange to/from east); signalized access from Steeles Avenue; estimate: 800 parking spaces required (5.8 ha). Not appropriate as stand alone option; consider in conjunction with Airport Road Station.

Initial Recommendation: Carry both Station options forward with priority to Airport Road Station (including expansion potential).

Alignment and Station Site Alternatives
Highway 50 Area



Alignment Alternative:

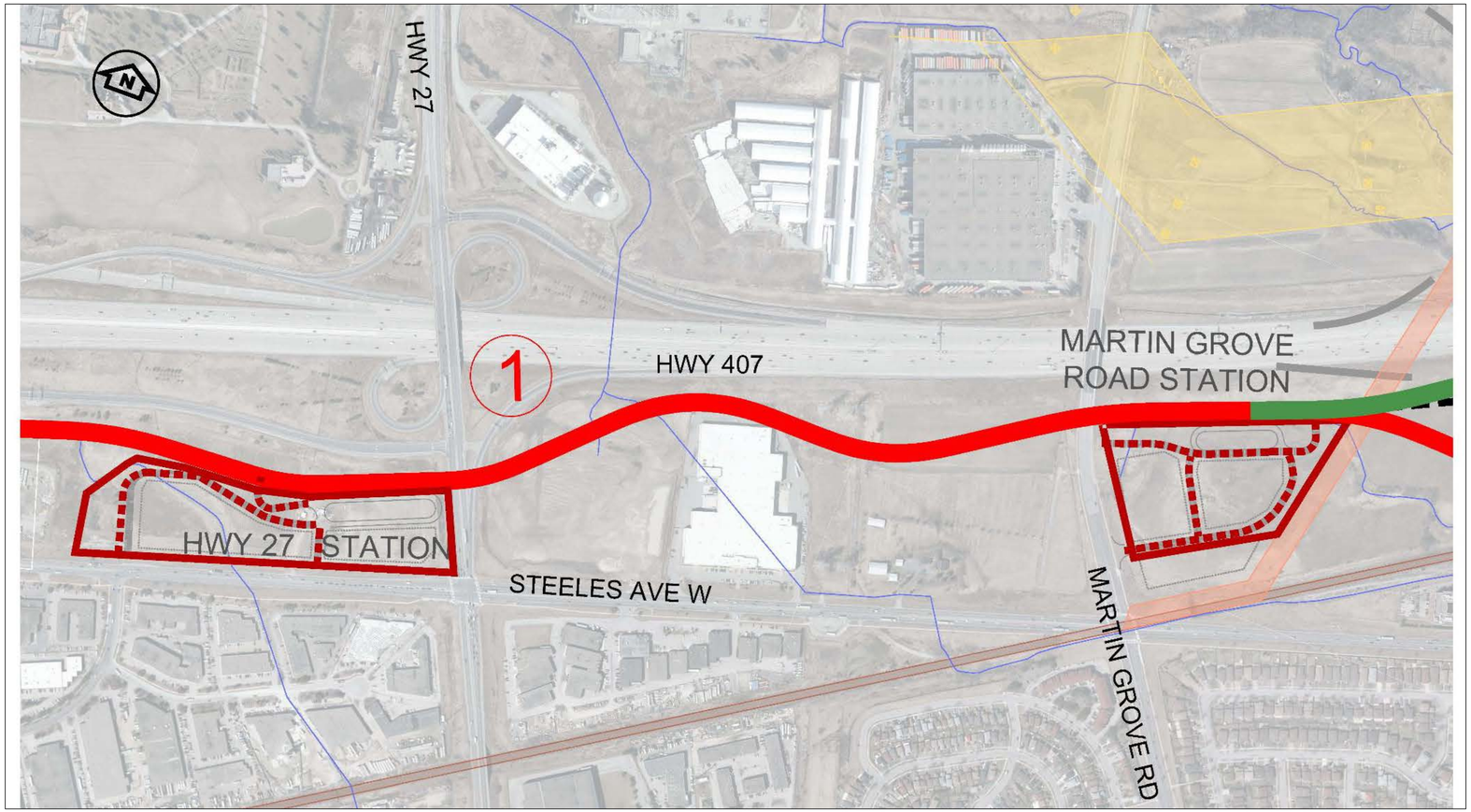
- Only Alignment being considered follows protected corridor (tunnel under Hwy 50 and Hwy 427).

Highway 50/ 427 Station Option:

- Integrates with Highway 427 BRT/LRT.
- Poor access to/from Highway 407.
- Signalized access from Steeles Ave, with grade separated pedestrian crossing of Steeles Ave.
- Estimate: 950 parking spaces required south of Steeles Avenue (12.0 ha); may require expansion south of Codlin Crescent.

Initial Recommendation: Carry alignment alternative and station option forward.

Alignment and Station Site Alternatives
Highway 27 / Martin Grove Area



Alignment Alternative:

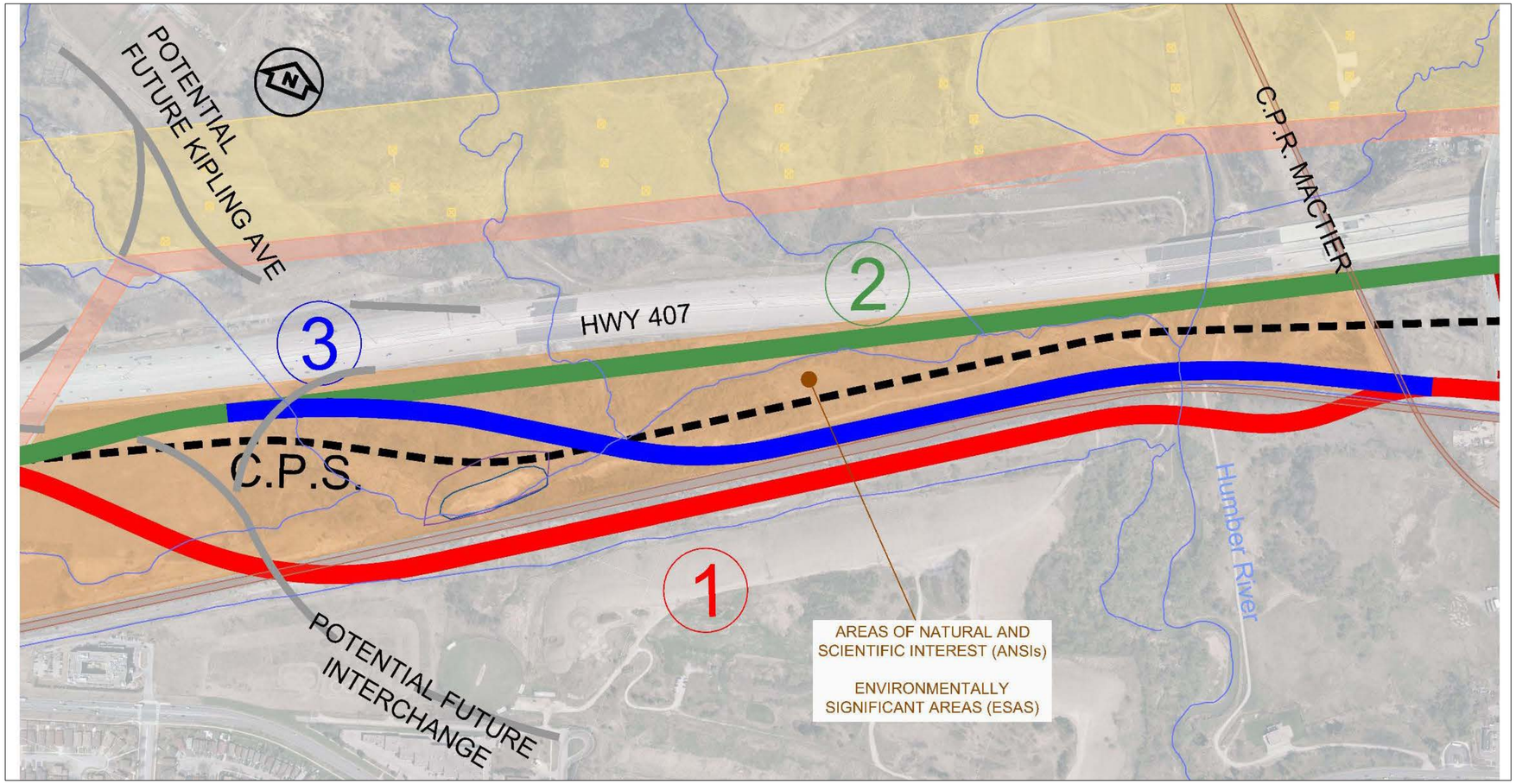
- Only alignment being considered, follows protected corridor (under Hwy 27 and Martin Grove Road).
- Stations separated by 1.2km.

Highway 27 Station Option: Good access to/from Highway 407; signalized access from Steeles Ave; estimate: 600 parking spaces required (4.7 ha). Area demands expected to exceed capacity as standalone station.

Martin Grove Station Option: Limited access to/from Highway 407 (no interchange). Signalized access from Martin Grove; estimate: 690 parking spaces required (5.5 ha). Not appropriate as stand alone option; consider in conjunction with Highway 27 Station.

Initial Recommendation: Carry alignment alternative and both station options forward with priority to Highway 27 Station.

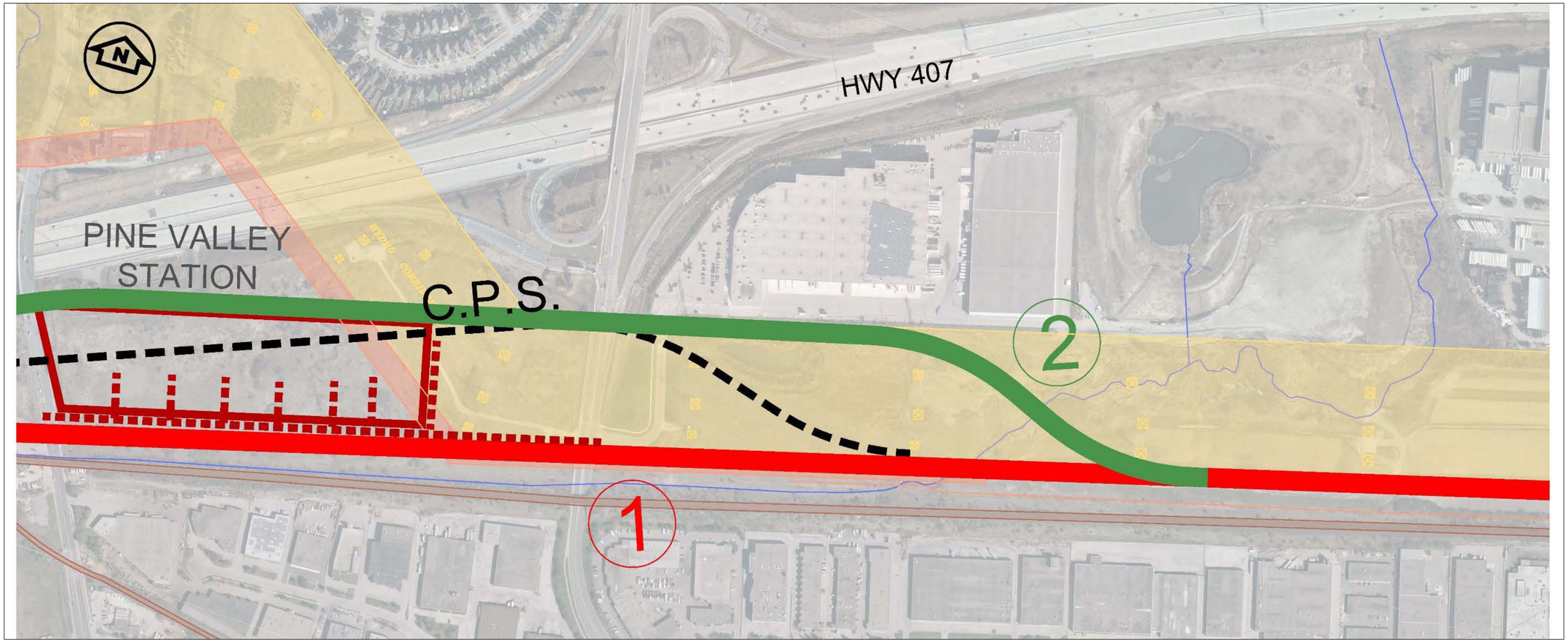
Alignment and Station Site Alternatives
Humber River Area



- **Alignment Alternative 1**: 30 metres south of CN track (within CN property) – only feasible if agreed to by CN.
- **Alignment Alternative 2**: Significant impacts to Humber River Valley.
- **Alignment Alternative 3**: Just north of CN ROW. Most impacts to Humber River Valley.

Initial Recommendation: Carry all alignment alternatives forward until final results of field investigations and discussions with CN.

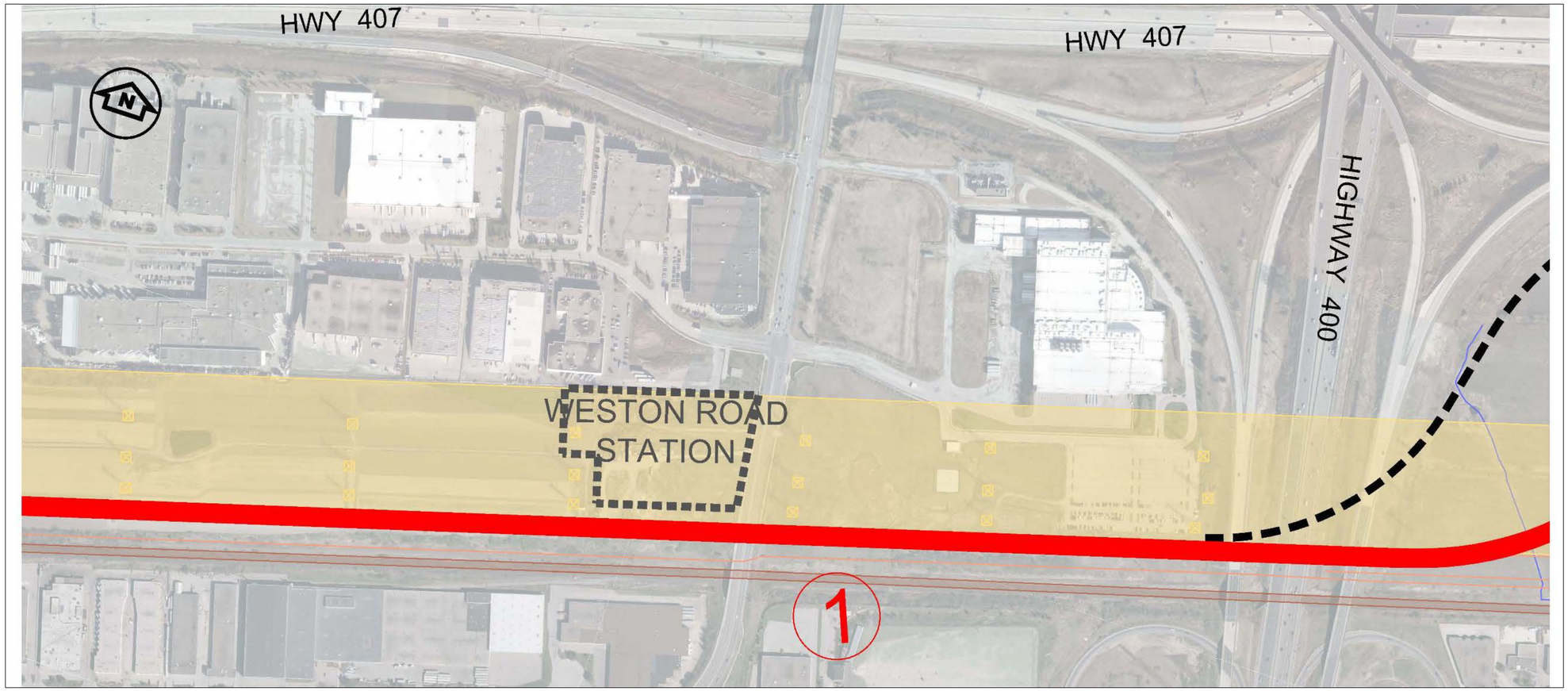
Alignment and Station Site Alternatives
Pine Valley Area



- **Alignment Alternative 1**: Between Utility Corridor and setback from Hydro towers, Affects Utility Corridor at Pine Valley Road.
- **Alignment Alternative 2**: Crosses to north side of Hydro Corridor; better vertical alignment; construction would affect S-E ETR ramp.
- **Pine Valley Station Option:** In protected site. Same site for either alignment alternative.

Initial Recommendation: Carry station option and both alignment alternatives forward until preferred alignment is confirmed through Humber Valley and utilities in Utility Corridor are confirmed/located.

Alignment and Station Site Alternatives
Weston Road Area



- Alignment between Utility Corridor and of Hydro tower set-back.
- Alignment matches Central Section EA approved alignment.
- No initially proposed station at this location.

Initial Recommendation: Alignment carried forward.

Identification and Evaluation Process of Planning Alternatives

Transitway

Ontario

Corridor Protection Study Assessment

Screening of Station Nodes

Identification of Alignment and Station Site Alternatives

Initial Evaluation of Alignment Alternatives and Station Options

Ongoing

Initial Consultation Process

Future

Evaluation Review: Definition of Preferred Planning Alternatives

Next Steps for Planning Phase

- PIC #1 – December 6 and 8
- TPAP Initiation – Fall 2017

QUESTIONS?

PARSONS

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G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF PROJECT INTRODUCTION, PROJECT STATUS, AND PLANNING ALTERNATIVES MEETING

HELD ON: **Date:** Thursday, November 3rd, 2016
Time: 09:00 a.m. – 11:30 a.m.

HELD AT: 625 Cochrane Dr., Suite 500, Markham, ON, L6A 1T1, 5th Floor North/South Boardroom

ATTENDEES:

Project Team

Ministry of Transportation, Ontario
Graham DeRose (GDR), MTO Project Manager
Sarah Merriam (SM), MTO Environmental Planner
Adrian Firmani (AF), MTO Property Specialist(not sure about his title)

Parsons
Khaled ElDalati (KED), Parsons Project Manager
Gus Garron (GG), Parsons Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator

Robb Minnes (RM), Planning Advisor

IBI Group
Scott Johnson (SJ), Systems Planning and Traffic Lead
Allan Ortlieb (AO), Transit and Road Planning

LGL
Liz Speller (LS), Environmental Lead
George Ivanoff (GI), Environmental Advisor

Technical Resource Group Attendees

Metrolinx
Kristjan Naelapea (KN)
Javier Mena Diep (JMD)

York Region Transit
Erica Springate (ES)

York Region
Steve Mota (SM)

CN Rail
Stefan Linder (SL)
Vincent White (VW)

Brampton Transit
Chris Lafleur (CF)

City of Brampton
Henrik Zbogar (HZ)

City of Vaughan
Mani Shahrokni (MS)

City of Mississauga
Abdul Shaikh (AS)

Region of Peel
Sabbir Saiyed (SS)

TRCA
Suzanne Bevan (SB)

Hydro One
Rick Schatz (RS)

MTO
Frank Martins (FM)

Infrastructure Ontario
Ernest Abraham (EA)
Patrick Grace (PG)
Rita Kelly (RK)

407 ETR
Ray Bacquie (RB)
Maria Efimova (ME)
Dragan Mrkela (DM)

PURPOSE: **Project Introduction, Project Status, and Planning Alternatives**

Item	Action
Material presented in the Meeting The 407 Transitway Hurontario Street to Highway 400 Team made a power point presentation of the project which is currently at the Planning Stage. The presentation contained 29 slides covering the following items: – Study introduction and background – Project objectives – Project tentative schedule – Ridership results and service concept – Environmental conditions – Alternative evaluation process and criteria – Alignment and station planning alternatives – Next steps	

The complete presentation is on the project website: ***www.407transitway.com/stakeholders/kennedyToBrock/EPR.html[407transitway.com].*** These minutes do not repeat the contents of the presentation; however, they include the locations and issues that were discussed/clarified/suggested by the attendees and the Project Team.	
Hurontario Street Area and Hurontario LRT – JMD of Metrolinx noted that is unlikely that the planned HuLRT maintenance yard will be moved and suggested eliminating Alignment Alternative 2. – PG of IO added that the tenants that are impacted by the current yard plan have already been vacated. – JMD suggested that Alignment Alternative 1 may conflict with the HuLRT non-revenue (yard access) track at the crossing of the creek, entering into the yard. Parsons will consider this when refining alignments. – AS of the City of Mississauga suggested that when the Transitway alignment alternatives are defined, they could possibly be included in the HuLRT project specifications documents. MTO and Metrolinx will need to further discuss this suggestion. – PG of IO noted that Parsons Alignment 1 follows the same alignment which Hydro One turned down for the HuLRT non-revenue track to the yard. RS of Hydro One suggested talking this issue to Hydro One Engineering to find out the reasons why. – PG also noted that Hydro's guidelines for the 500KV setbacks for parking are changing and to be aware of this. Additionally, Hydro One has future plans for a new high voltage 230KV and or potentially 500KV line. – FM of MTO suggested that, it would be worth examining a combined HuLRT and Transitway structure to cross the creek. – PG of IO suggested a pedestrian transfer facility be considered between the HuLRT stop and the Transitway Station if the north Transitway Alternative is selected, similar to the one being built at Hwy 427 and Kipling. SJ of IBI noted that a direct connection is critical and will heavily impact Transitway ridership.	Parsons Parsons Parsons Parsons
Bramalea Road Area – SS of Peel Region noted that the Bramalea GO Station is considered a gateway in the Brampton Transportation Master Plan and that the integration of this station to the Transitway is critical. He also noted that the Bramalea GO Station is the last station in the GO future electrification plan. AO of IBI noted that Alignment 6 does not fit within the existing rail corridor and Alignment 5 presents extreme land constraints making this connection likely unfeasible. SJ of IBI noted that the time savings for a direct station connection vs. interlining is essentially 1 minute which does not justify the complexity of a direct station connection. – ES from YRT asked who would be responsible for operating the interlining connection between Bramalea GO and the Transitway. The Project Team indicated that this has not been determined and is not a component of this study.	
Missing Link Freight Line – RB of 407 ETR asked if the Missing Link, which is a potential freight rail link between the Milton and the Kitchener GO Corridors, is being considered in this project. GDR of MTO stated that the Ministry is aware of this potential initiative, it is MTOs understanding that there would not likely be conflicts with the Transitway alignment.	
Humber River Area and CN ROW – Three alignments are being analyzed, two located between 407 ETR and the CN line, both with potential major impacts to the natural heritage of the Rainbow Creek Valley; and the third south of the rail line, with no impact to the Valley, within CN's property. SL of CN stated	Parsons/CN

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that CN would not necessarily be opposed to this alignment, however, CN would need to see offsets, profiles, etc. to assess the viability of this alternative. MTO/Parsons and CN agreed to further discuss this.	
Pine Valley Area to Highway 400 – The Transitway alignment will be located between the Hydro and Utility corridors, respecting required setbacks. – RM of Parsons noted that plans indicating utility location within the Utility Corridor have not been obtained to date. PG of IO indicated that he will identify the right contact to obtain this information. – PG noted the Hydro One has future plans to add a new line in this section. MTO/Parsons and Hydro One/IO agreed to have further discussions regarding this section.	Parsons/IO Parsons/IO/ Hydro One
Weston Road Station – Parsons explained the reasons why this potential station location was eliminated. ES from YRT and SM from York Region were generally satisfied with the explanation. SM suggested that the opportunity to protect land for a potential station in the future, should be considered.	
Questions and Answers – SS of Peel Region asked when MTO expects to implement this section of the Transitway. MTO/Parsons informed that timing is still undetermined, but it will likely be implemented in phases, starting with key stations along the entire Transitway corridor. – SS asked where the 2051 ridership information was derived from. SJ of IBI noted that it came from projections based on the 2041 figures. – SS noted that the 7,500 potential ridership seems close to a need of a light rail technology, and if implementing LRT initially is being considered. The Parsons Team responded that the 7,500 riders figure includes significant bus interlining potential which would be lost if LRT is implemented. – SS asked what the project cost is estimated as this question will likely be raised by councillors. Parsons responded indicating that it is too early to develop cost estimates as the preferred alternatives have not been defined. – SM of York Region suggested that given the Metrolinx RER plans, TTC Subway Extension Program, and other transit initiatives, implementation of initial facilities may happen sooner than later. SM also suggested that the implementation plan should cover the entire Transitway Corridor rather than just the Hurontario Street to Highway 400 section. – SM of York Region also suggested that MTO/Parsons be aware that there could be changes to air quality requirements with climate change becoming more of a predominant concern. – RB of 407 ETR noted that the Transitway project should be treated as an independent EA, from other projects that are ongoing simultaneously. MTO confirmed that this project will remain independent.	

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

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HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF POTENTIAL TRANSITWAY ALIGNMENT ALTERNATIVE WITHIN EXISTING CN RIGHT OF WAY

HELD ON: **Date:** Tuesday, February 21st, 2017
Time: 11:00 a.m.

HELD AT: Tim Hortons – 7235 Keele Street, Concord

ATTENDEES: Stefan Linder (SL)
Vincent White (VW)
from CN Rail

Graham DeRose (GDR), MTO Project Manager
from Ministry of Transportation, Ontario

Gus Garron (GG), Parsons Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Planning Advisor
from Parsons

PURPOSE: **Discussion of Potential Transitway Alignment Alternative within existing CN Right of Way**

Discussion	Action
– Parsons provided a drawing showing an approximate proposed alignment option on south of the CN tracks in the Martin Grove - Islington area. Parsons noted that the alignment option leaves sufficient space for CN to expand the existing corridor by 1 track to the south of the existing alignment.	
– CN noted that availability of the ROW is reliant on current high level discussions with Metrolinx regarding a potential freight link between the Tobram Road area and the Milton GO Corridor that could somehow affect the CN track alignment through the Martin Grove – Islington area.	MTO/Parsons
– In principle, CN considers a Transitway alignment as a valid alternative. However, they listed comments and concerns that should be further investigated, such as:	
o Geotechnical conditions of the existing embankment should be investigated to confirm structural feasibility of the CN track during or after construction of the Transitway. CN will search if any geotechnical information is available, and will be accommodating in any field investigations MTO is interested in conducting for this project.	Parsons
o A crash wall should be included even if it falls outside of the AREMA specifications.	Parsons
o It is essential that there is no impact to the CN operations during construction of the Transitway, including tunneling under the two crossings of the CN tracks.	
o CN's Property and Real-Estate and Transportation Departments will need to be inquire in regard to MTO's proposed Transitway alignment alternative.	CN
– Parsons will prepare large scale typical cross sections showing dimensioning of the potential Transitway, and offsets to the CN tracks for CN for review.	Parsons

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

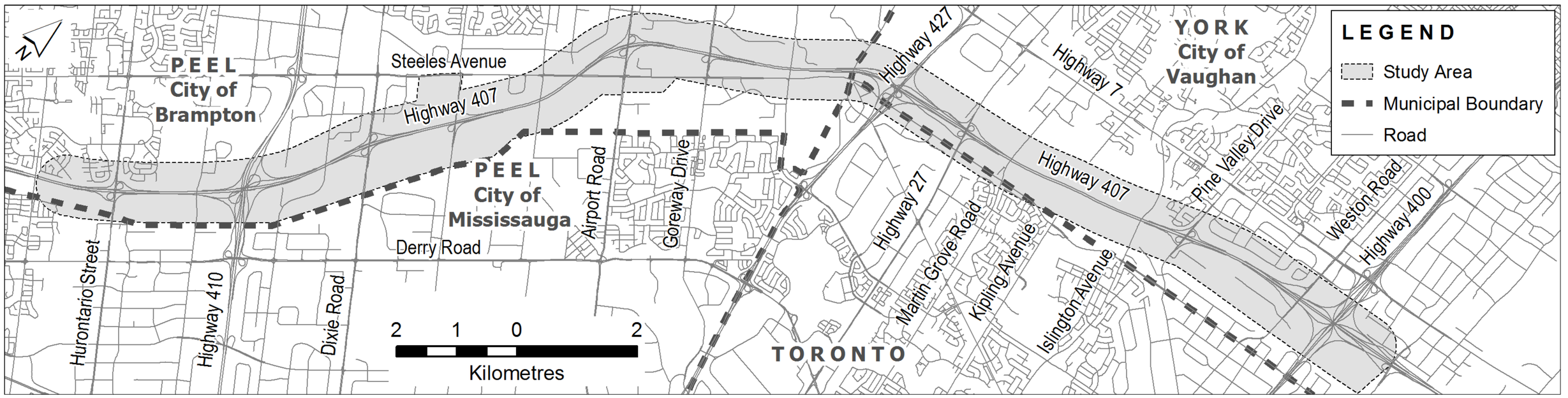
DIXIE ROAD STATION SITE – DISCUSSION ON POTENTIAL IMPACT TO SOCCER FIELDS

MARCH 8TH, 2017

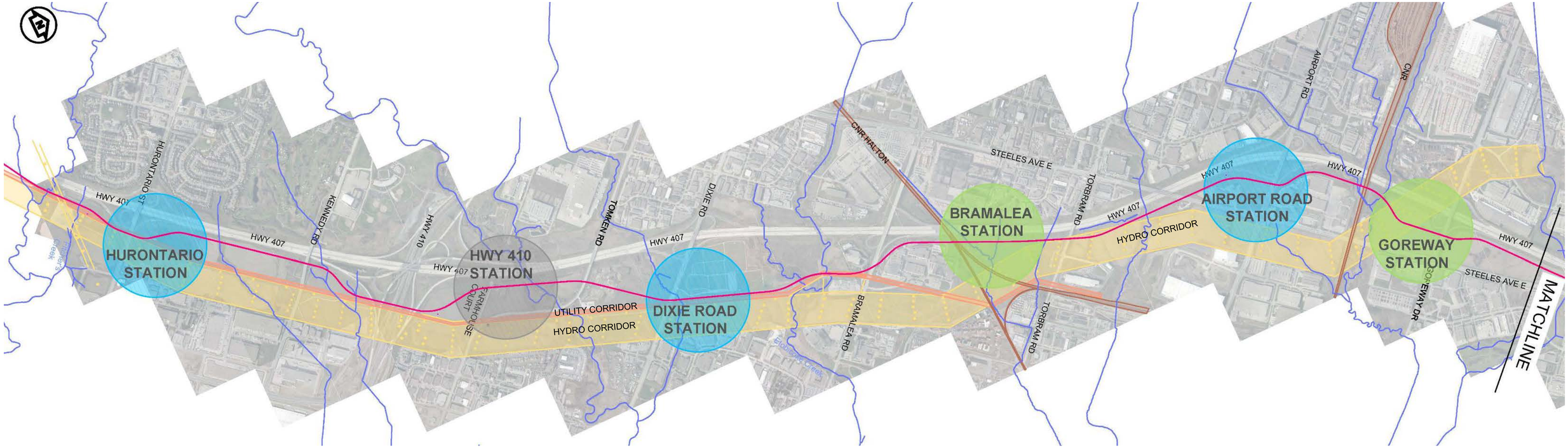
PROJECT WEBSITE: 407Transitway.com

What is the 407 Transitway?

- Exclusive right-of-way, fully grade separated rapid transit runningway (Bus Rapid Transit - BRT or Light Rail Transit - LRT) parallel to Highway 407.
- The 407 Transitway will connect Burlington to Highway 35/115, a length of 150 km, with up to 50 surface stations.
- Study limits for this Section: West of Hurontario Street to east of Highway 400. Time of construction uncertain.

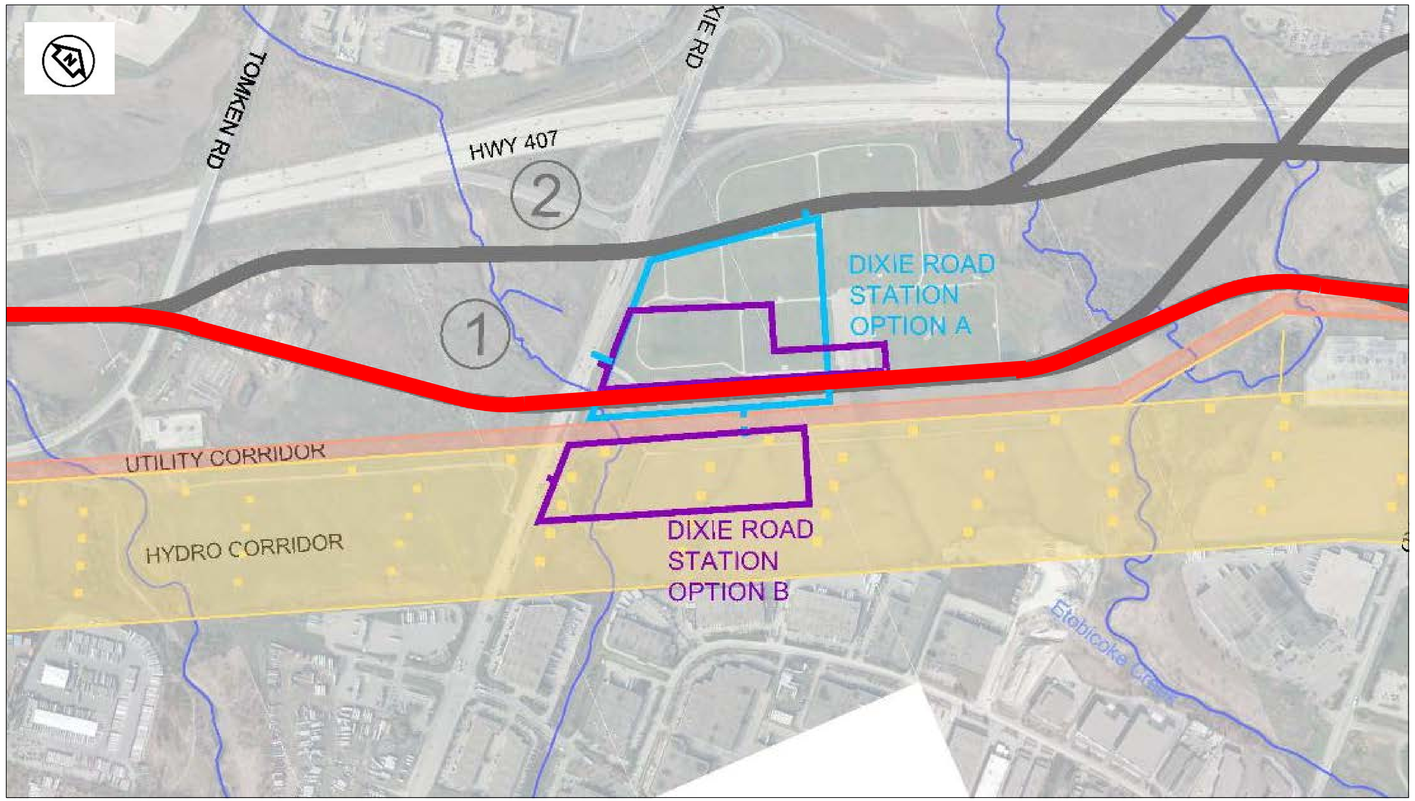


Transitway Corridor and Candidate Station Nodes



- Station Site Selected
- Station Site Conditionally Selected
- Station Site Eliminated

Alignment and Station Site Alternatives
Dixie Station Options



Dixie Station Options
• Good access to/from Highway 407. • 407 Transitway alignment passing over Dixie Road. • Signalized Station access from Dixie Road. • Intent is to minimize impacts to soccer fields. • Consider Alignment 1 with the south branch on the east side of the slide as the preferred Alignment option (red). • **Station Option A – Corridor Protection Study Alternative:** Provides for all parking north of Utility/ Hydro Corridor; impacts soccer fields. • **Station Option B (Alignment 1 only):** Minimizes impact to soccer fields by providing split parking lot configuration utilizing lands within Hydro Corridor; opportunity to share parking with soccer fields users

Discussion

Express Toll Route (Toll road)
407
4
Dixie Rd
Noramco Wire & Cable
Sim-Tran Ontario
Google
Imagery ©2017 Google, Map data ©2017 Google

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HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF BRAMPTON DIXIE ROAD SOCCER FIELDS

HELD ON: **Date:** Wednesday, March 8th, 2017
Time: 2:00 p.m.

HELD AT: City of Brampton Offices – 2 Wellington St W, Brampton, Room CH-2E

ATTENDEES: Steve Bodrug (SB)
Jake Mete (JM)
Tamara Kwast (TK)
Ghaz Mohammad (GM)
Teri Bommer (TB)
Garry Hardy (GH)
Michelle Schiau (MS)
Derek Boyce (DB)
from the City of Brampton

Graham DeRose (GDR), MTO Project Manager
from Ministry of Transportation, Ontario

Gus Garron (GG), Parsons Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Planning Advisor
from Parsons

PURPOSE: **Discussion of Brampton Soccer Fields at Dixie Road**

Discussion	Action
Project Overview and History of Lands – Parsons staff introduced the project and discussed the background of the soccer fields. The land where the sport fields are, is owned by IO and is being protected for the 407 Transitway as identified in the original 407 Transitway Corridor Protection Study completed in 1998. The land had been leased to the City of Brampton in the interim. – City of Brampton Staff stated that they were not aware of the 407 Transitway Project Environmental Assessment but understand that they need to look at alternative locations for their soccer fields given that the land is needed for the Transitway. Parsons stated that the time frame for the implementation of this section of the Transitway is unknown. Parsons also added that once the Environmental Assessment (EA) for this project is complete, the required land will continue to be protected for the Transitway facility which will allow the City of Brampton to better identify what their needs will be and plan forward. Following the MOECC EA approval, any IO land outside the Transitway footprint requirement will likely be sold off by the Province. – Parsons asked City of Brampton staff if they were aware of the length of the IO property lease they have on the lands. City staff were not aware of the contract length. – City of Brampton staff confirmed that the land outside of the protected Transitway IO land (east of the proposed station location) where two cricket fields presently exist, is owned by the City. All the land extending east to the Emerald Energy property is owned by the City. However, a large portion of this land is inaccessible.	

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Discussion	Action
Alignment Options and Potential Station Layouts – Parsons identified that alignment Option 1 (shown on distributed handouts) is the current preferred and likely the only viable alignment option through this area. Although the Hydro Corridor is located directly south of the preferred alignment option, some station facilities including the bays for the idling buses cannot be located within the Hydro corridor due to Hydro policies. Parsons noted that this option is also subject to Hydro's approval. The original station in the Corridor Protection Study is shown as Option B (directly over the existing soccer and cricket fields). The benefit of Station Option B is that a significant portion of the existing soccer and cricket fields can be protected. City of Brampton staff also noted that the station footprint shown would essentially only impact their mini-fields and three senior fields. – City of Brampton staff identified that they currently have parking capacity issues at the fields and are interested in knowing what the parking capacity of the Transitway facility will be. Parsons noted that a Traffic Impact Study will be completed for the station and that arrangements may be possible to make the station parking facilities available to the soccer fields users. **General Discussion** – DB from the City of Brampton indicated that Brampton's priority is saving the 2 existing cricket fields which are located on the east side of the area. – GM from the City of Brampton noted that the City is keen on having the Transitway connect directly to the existing Bramalea GO Station. GG from Parsons noted that while the alignment options are still under review at that location, indications are that the Transitway will likely run south of the existing 407 ETR due to space availability, the cost of crossing the 407 ETR twice (to the north then back to the south) and lack of alignment opportunities on the north side. Parsons also noted that bus "interlining" will be used at this location to effectively connect to the Bramalea GO Station (interlining is the option of having buses run on the Transitway and then enter and exit the Transitway to run on local routes and connect to specific points of interest). **Next Steps** – Once Parsons has developed Dixie Rd. station layouts, they will be sent to City of Brampton staff for review and comment. – City of Brampton staff expressed interest in continued involvement in the project moving forward.	Parsons

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

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environmental research associates

407 TRANSITWAY
Hurontario Street to Highway 400

Meeting Date: Tuesday, March 21, 2017 - 12:00 p.m. to 1:05 p.m.

Meeting Place: City Hall, City of Toronto, 22nd Floor East Tower Boardroom

Project Name: 407 Transitway West from West of Hurontario Street to East of Highway 400

Attendees:
Graham DeRose, Project Manager, Ministry of Transportation*
Sarah Merriam, Environmental Planner, Ministry of Transportation*
Gus Garron, Technical Project Manager, Parsons*
Robb Minnes, Project Advisor, Parsons*
Holly Kerslake, Project Coordinator, Parsons
Liz Speller, LGL, Senior Environmental Planner
Lauren Archer, ASI, Cultural Heritage Specialist
Lorna Zappone, Project Manager, Infrastructure Planning, Transportation Infrastructure Management, City of Toronto
Mary MacDonald, Senior Manager, Heritage Preservation Services, City of Toronto
Richard Beck, Program Manager, Transportation Planning, City of Toronto*
Sabrina Salatino, Planner, Community Planning, City of Toronto*
Luisa Galli, Manager, Community Planning, City of Toronto*
Luigi Nicolucci, Manager, Traffic Planning/ROW Management, City of Toronto*

*Attended via teleconference.

Distribution: All Attendees

Item	Discussion Summary	Action Item
1.0	**407 Transitway Overview** • Staff from Parsons provided an overview of the project. • The Transitway Corridor Protection Study (from Highway 403 to Markham Road) was completed in 1998 to define and protect the property required for transit in the Highway 407 corridor. • The majority of the study area is located in the City of Brampton, Region of Peel and the City of Vaughan, Region of York although the study area extends slightly within the City of Mississauga boundaries around Hurontario Street and the City of Toronto boundaries around Highway 50.	

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Item	Discussion Summary	Action Item
2.0	**427 Transitway EA** • Staff from the City of Toronto inquired about the 427 Transitway EA as the Highway 50 station site (as part of the 407 Transitway) was included in this EA. • MTO staff confirmed that the 427 Transitway (from Highway 407 to Highway 7) EA and Transportation Environmental Study Report was completed by MTO in 2015 and this EA has been approved. • The Highway 50 station site approved/designated by MTO as part of the 427 Transitway EA includes the Highway 50 station north of Steeles Avenue West and the parking facility between Codlin Crescent and Steeles Avenue West (solid red lines in mapping provided for the meeting). The dotted red line in the mapping represents the additional area that may be required (and is being considered as part of the 407 Transitway study) for parking expansion. • MTO staff confirmed that consultation with the City of Toronto and impacted property owners in the vicinity of Codlin Crescent was carried out as part of the 427 Transitway EA (including two PICs).	

3.0	**Cultural and Built Heritage Significance of the Historic Settlement of Claireville/Associated Buildings**
	
	• Staff from ASI provided an overview of the findings of the Draft Preliminary Cultural Heritage Resource Assessment – Existing Conditions Report completed for the 407 Transitway.
	  • One cultural heritage landscape (CHL 15 - the historic settlement/hamlet of Claireville), established in 1850 at the intersection of Albion Road and Steeles Avenue, was identified during ASI's field investigations. The former hamlet of Claireville consists of Codlin Crescent.
	  • Nine built heritage resources (i.e. BHR 15 to BHR 23 - all properties along Codlin Crescent) were identified during the field investigations. The only property that is on the City of Toronto Register of Heritage Properties is BHR 23 - a former farm property.
	  • CHL 15 and BHRs 15 to 22 are located in the area proposed for Highway 50 station parking/parking expansion. BHR 23 (the only
		• Project team to continue with evaluation of the Transitway alignment options/station location sites and will continue consultation with City of Toronto staff regarding the cultural/built heritage significance of the identified BHRs and CHL.

Item	Discussion Summary	Action Item
	site on the City of Toronto Register of Heritage Properties) is located outside of the area proposed for parking expansion. • City of Toronto staff noted that as part of the 407 Transitway study, they will review/provide comments on the cultural/built heritage significance of these BHRs and CHL, and that these sites have now been flagged as potentially having cultural significance. • When evaluating the heritage significance, it will be important to consider the individual BHRs as well as the CHL as a whole (which includes the BHRs located within the CHL). • City staff noted that any demolition of a piece of the CHL can affect the whole landscape. • City staff noted that there are currently no planning policies related to cultural heritage in effect in the proposed Highway 50 station area. • City staff noted that zoning of the area is not necessarily related to the character and value of the heritage resources.	
4.0	**Current Land Use/Planning Discussion** • The area around Codlin Crescent is currently designated 'Employment Area' by the City of Toronto's Official Plan, and much of the area is now in industrial use. • City staff noted that they have received applications for permitted uses within this employment/industrial area. • MTO staff noted that since the area north of Codlin Crescent is now protected/designated for the 407 Transitway (based on the Corridor Protection Study and 427 Transitway EA), MTO Corridor Management should also be notified if any applications are received by the City for property in this area. • Parsons staff confirmed that property in the area proposed for the Highway 50 station/parking facility is owned by MTO and the City of Toronto as well as private property owners. • City staff requested that a map be circulated showing property ownership in the Highway 50 station area. • City staff asked that the project team confirm that the local city councillor has been notified of the study.	• When available, a map showing property ownership in the Highway 50 station area will be circulated to City of Toronto staff (Parsons/LGL). • The project team can confirm that the initial contact letter and PIC #1 invitation letter were sent to the local city councillor (Councillor Vincent Crisanti – Ward 1, Etobicoke/York), as well as the city clerk and other City of Toronto staff.

Item	Discussion Summary	Action Item
5.0	**Next Steps** • Project team to continue with evaluation of the 407 Transitway alignment options/station locations (which will include consideration of the heritage significance of the identified BHRs/CHL around Codlin Crescent). • Selection of the preferred 407 Transitway alignment/station locations. • Completion of impact assessment and development of appropriate environmental protection/mitigation measures. A Cultural Heritage Evaluation Report (CHER) will be undertaken for potential heritage resources and will identify the significance of the properties with respect to the study area, which is subject to MTO review/comment. If the CHER confirms local or provincial heritage, we will then undertake the Heritage Impact Assessment (HIA) on the properties. But if the CHER confirms that the properties are not significant, then no HIA is prepared. • Continued consultation with City of Toronto staff throughout the study. • City of Toronto staff noted that their review of the potential cultural/built heritage significance of the BHRs/CHL in the Highway 50 station site area will take place in stages and if it is determined that any of the BHRs or the CHL has significance, they should be conserved to the extent possible. • Parsons staff noted a concern with regards to the project schedule and the time that it may take to consider the heritage issues.	

These minutes are considered to be an accurate recording of all items discussed. Written notice of discrepancies, errors or omissions must be given within seven (7) days, otherwise the minutes will be accepted as written.

Minutes prepared by: L. Speller, LGL Limited

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HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF THE INITIAL MEETING WITH TRCA STAFF

HELD ON: **Date:** Monday, April 3rd, 2017
Time: 2:00 p.m. – 3:00 p.m.

HELD AT: TRCA Offices – 101 Exchange Avenue, Concord, Waterfront Room

ATTENDEES: Suzanne Bevan (SB)
Evan Bears (EB)
Kristina Anderson (KA)
Christine Furtado (CF)
Nathan Plato (NP)
Sharon Lingertat (SL)
from TRCA

Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LS), MTO Environmental Planner
from Ministry of Transportation, Ontario

Gus Garron (GG), Parsons Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator
Sarah Lawson (SL), Drainage Engineer
Richard Morales (RM), Drainage Engineer
from Parsons

Liz Speller (LS), Environmental Lead
Judson Vender (JV), Environmental Specialist
from LGL Limited

PURPOSE: **Discussion of 407 Transitway Drainage Criteria and Existing Environmental Areas**

Discussion	Action
<u>Item 1: Brief 407 Transitway Project Overview and EA Process under TPAP</u> **Project Overview** – Parsons staff introduced the project and discussed the project background. The 407 Transitway facility is a fully grade separated busway with an exclusive right of way (ROW) which will run adjacent to the existing 407 ETR. – The intention is to trigger the TPAP in Fall 2017. <u>Item 2: Drainage Criteria for Study</u> **TRCA Data** – Parsons (SL) has been working with TRCA (NP) to obtain drainage models within the corridor. SL provided a list to all attendees of what models have been received thus far; however, there are still a few models Parsons is waiting on. NP will review the watercourses indicated by Parsons to not be modelled and confirm if there is floodplain mapping or hydraulic model associated to it.	NP

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Discussion	Action
– NP noted that TRCA is working on updating the Humber River Watershed criteria which should be done by the end of this year. Parsons noted this will not be able to be incorporated into this project since the drainage portion of the work will have been completed by then.	
– NP identified that new floodplain modeling and mapping (report dated December, 2016) for the 407 crossing of a tributary of Etobicoke Creek that is between Tomken Rd and Dixie Rd has been updated. NP to send Parsons the updated full report and appendices.	NP
– NP had indicated to SL previously that the hydraulic model associated with eto_14a, eto_14b, and eto_21 is an integrated 1D/2D MIKE FLOOD model that was created for the Spring Creek Floodplain Update Study (MMM, October 2015). SL advised NP that Parsons does not have the capabilities to open these files. NP will provide the report to Parsons instead.	NP
Drainage Design Criteria and Approach	
– Parsons noted that for watercourses where no data or models exist, cross sections will be measured in the field up and down stream a reasonable distance apart. TRCA agreed with this general approach. Parsons identified that numerous watercourses in the study area are not modelled.	
– Parsons asked if contractors' or developers' work where watercourse have been modelled can be shared with the project team. TRCA stated that they do not share this data; however, Parsons may approach them independently.	
– RM highlighted that at this point, time of construction of the 407 Transitway is very uncertain. On past Transitway EA's, TRCA has asked Parsons to provide more information on the pond outlets. Since the stations are very preliminary, not a lot of detailed information will be provided in the EA (e.g. if a pumping station is needed etc.). TRCA understood this and will keep this as a consideration in their review.	
– SB stated that TRCA appreciates getting project updates as the project progresses (e.g. criteria lists etc.). This will help TRCA with their review later, as TRCA has limited time to review documents. Additionally, this will allow Parsons to address comments in the ongoing work.	
– Parsons will send a sample station layout to TRCA for initial comments when ready.	Parsons
Item 3: Key Environmental Areas	
LGL staff provided an overview of the natural sciences work completed to date.	
– Detailed seasonal natural sciences field investigations were undertaken in the spring, summer and fall of 2016.	
– The study team is in the process of updating the natural sciences Existing Conditions Reports based on the results of the field investigations.	
– Key natural heritage features include: one ANSI (Woodbridge Pleistocene Cut Earth Science ANSI) and one ESA (Woodbridge Cut) located south of Highway 407 and west of the Main Humber River; two wildlife species at risk observed during field investigations (Eastern Wood Pewee and Barn Swallow); 407 transitway corridor lies within four watersheds (Credit River, Etobicoke Creek, Mimico Creek and Humber River) and crosses 25 watercourses; habitat sensitivity ranges from low to moderate to high (confirmed by MNRF); and, in the TRCA's jurisdiction four watercourses support historical Redside Dace habitat.	
– The study team is in the process of completing an evaluation of the transitway alignment options/station locations, and impact assessment reports for natural sciences will be completed once the preferred transitway alignment/station locations have been confirmed.	

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Discussion	Action
Discussion of Humber River/Rainbow Creek Valley Area (east of Martin Grove Road to Islington Avenue). – This section of the study area (within the Humber River/Rainbow Creek valley) consists of the most significant natural heritage within the project limits, including the ANSI/ESA. – Alignment alternatives have been developed that minimize the impacts to this sensitive area and include one alignment located south of the CN tracks (avoiding most the natural area) and one alignment as close to Highway 407 as possible. The alignment south of the CN tracks will require approval from CN for use of their right-of-way. The study team has met with CN and are awaiting a response. If a response is delayed, the study team will likely move forward with the preferred alignment located just south of Highway 407. – TRCA staff asked whether the size of the openings will be the same as that required for the 407 ETR. MTO/Parsons staff confirmed that the opening sizes will be the same and will mimic what was done for the 407 ETR. – MTO staff noted that if, prior to Detail Design process, CN provides approval for the use of their right-of-way for the alignment south of the CN tracks, this alignment option could be reconsidered, through an addendum to the Environmental Project Report (EPR), and the EPR could make reference to this potential.. – TRCA staff asked whether the habitat sensitivities outlined in the provided fisheries figure were from MNRF. LGL staff confirmed that MNRF provided original habitat sensitivities. LGL staff conducted field investigations and provided MNRF with suggested changes in habitat sensitivities based on the field conditions. MNRF then confirmed the final habitat sensitivities outlined in the figure. MNRF staff confirmed that Redside Dace regulated habitat is not present in Rainbow Creek and this watercourse supports historical Redside Dace habitat. **Discussion of Area West of Bramalea Road (Land Adjacent to City of Brampton Soccer Fields in the Vicinity of Spring Creek/Tributary of Spring Creek).** – The study team noted that the proposed transitway alignment at this location will cross the Tributary of Spring Creek and Spring Creek east of the soccer fields, crossing Bramalea Road south of the Emerald Waste facility. – The study team requested information from the TRCA about the floodplain data/TRCA regulation limits for Spring Creek in this area to aid in the evaluation of the alignment options at this location. Some floodplain data was provided previously to Parsons. TRCA will provide any updated data. **General Comments from TRCA** – TRCA staff recommended that if there are other locations with more than one alignment option in sensitive natural areas, these be forwarded to TRCA so they can provide input which will help in the evaluation process and reduce comments on the Draft EPR. – TRCA staff noted that some sections of some of the watercourses in the study area are high quality (when compared to other sections upstream/downstream with the watercourse/watershed). As a result, they requested that the sensitivity of the watercourses be evaluated in the context of each watercourse's significance in the overall watershed. For example, the sections of Etobicoke Creek and Spring Creek in the study area have value within the context of their watercourses as much of the watercourses are channelized/urban elsewhere. – TRCA staff asked how it was determined if a watercourse was permanent/intermittent and warmwater/coldwater. LGL staff determined if a watercourse was ephemeral/intermittent/ permanent based on the data obtained during spring and summer field investigations. Thermal	NP

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Discussion	Action
regime data (warmwater, coolwater, coldwater) was obtained from MNRF and, if this information was not available from MNRF, from LGL's field investigations. – TRCA staff inquired as to why two of the watercourses (Tributary of Etobicoke Creek West Branch and Tributary of Mimico Creek) were classified as having no fish habitat. The study team confirmed that these two watercourse features were classified as ephemeral during field investigations. They were agricultural swales/ploughed over. No data was available from MNRF for these features. – TRCA staff inquired as to whether there are any unevaluated wetlands in the study area. There are some unevaluated wetlands located in the study area (per Land Information Ontario data from MNRF). These unevaluated wetlands will be added to the natural heritage mapping. – TRCA staff recommended that the study team refer to the appropriate TRCA guidelines (i.e. Crossing Guideline for Valley and Stream Corridors – 2015) when evaluating the crossings for hazards, and that the study team consider openness ratios when evaluating alignments/crossings.	LGL

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Minutes prepared by: PARSONS

407 TRANSITWAY

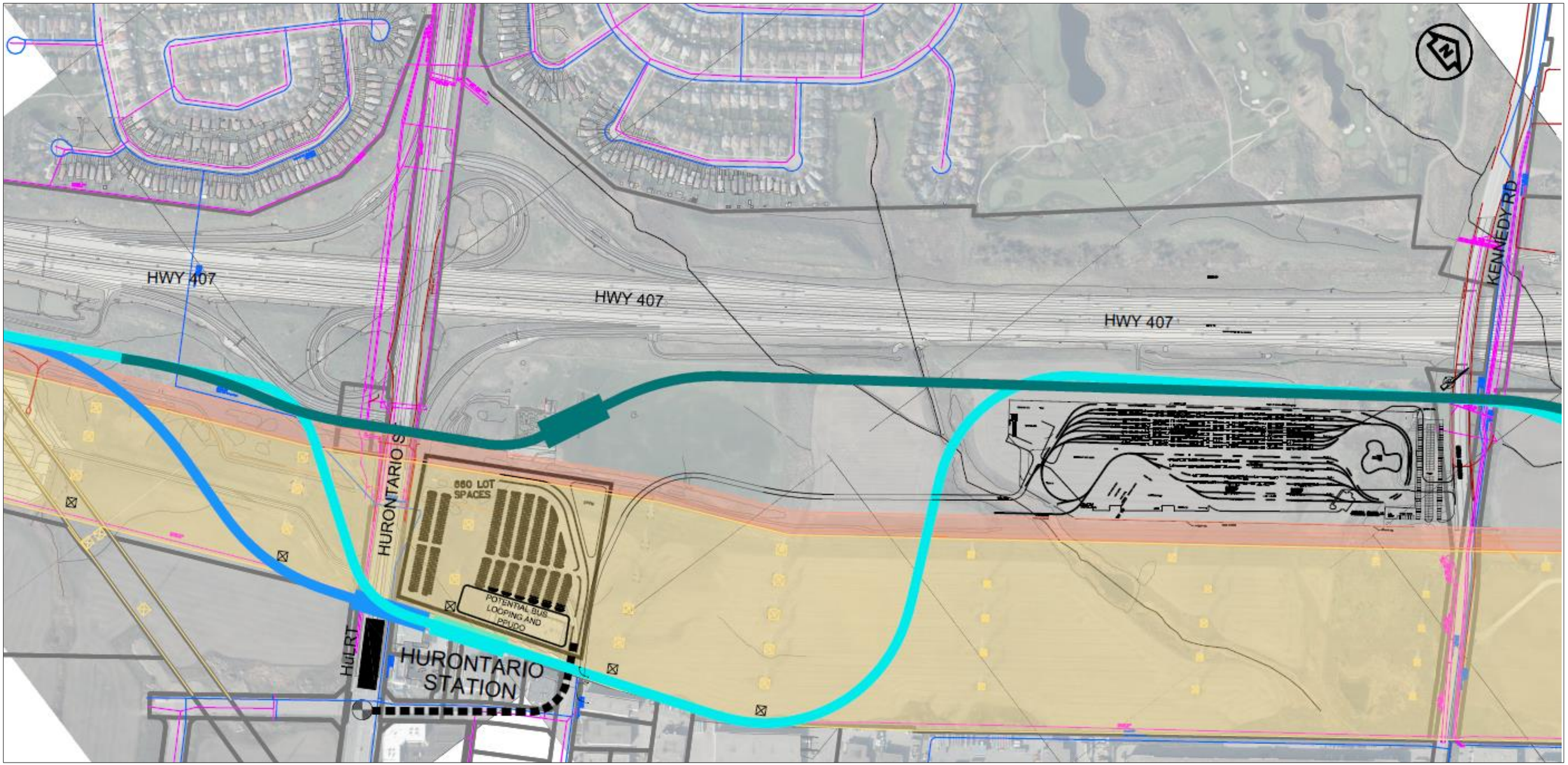
HURONTARIO STREET TO HIGHWAY 400

HuLRT TRAFFIC AND ALIGNMENT ALTERNATIVES MEETING

APRIL 27TH, 2017

PROJECT WEBSITE: 407Transitway.com

Hurontario Station Concept



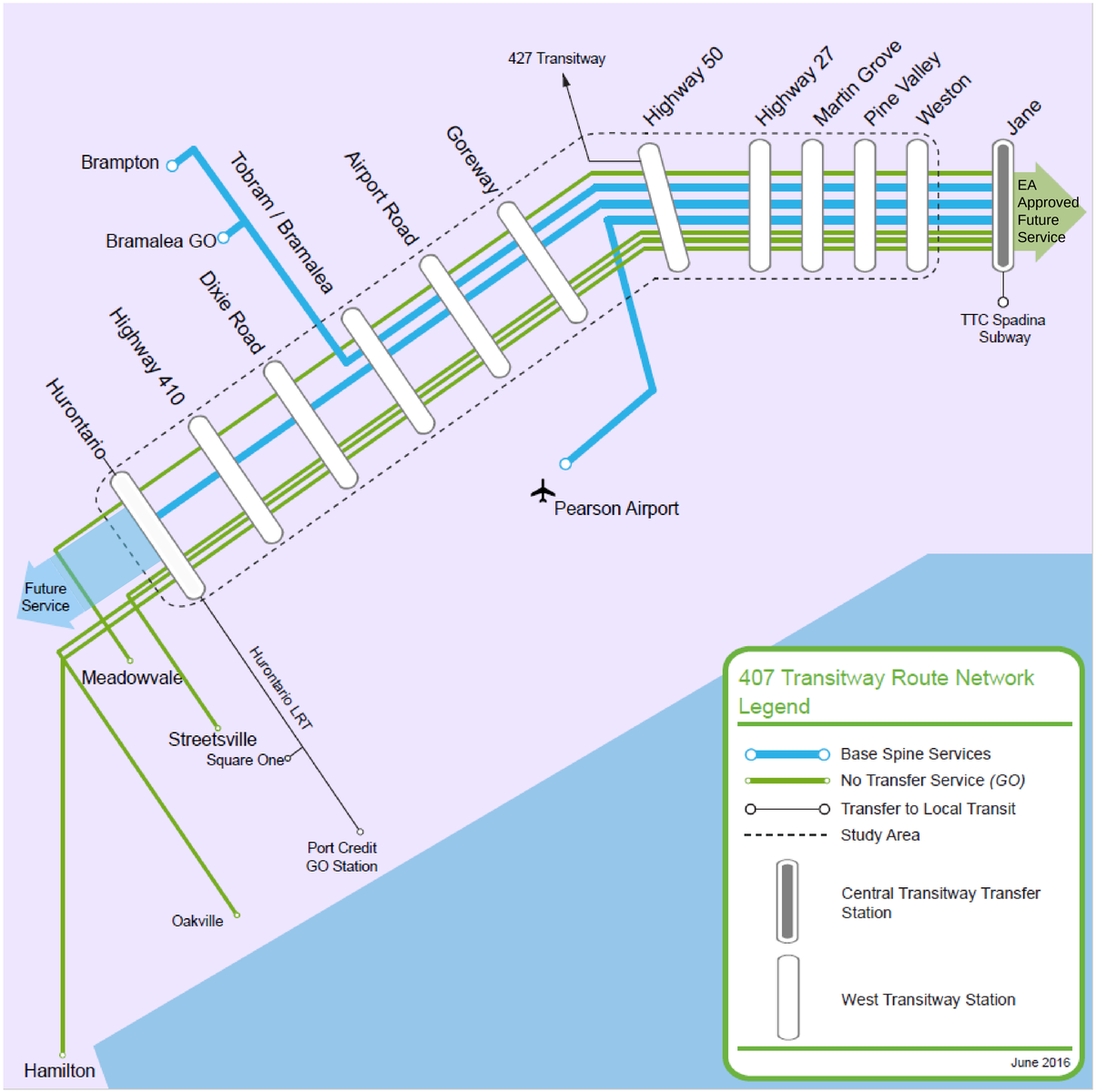
Service Concept

Extend the 407 Transitway operating concept:

- **Spine services:** Services that operate exclusively on the Transitway including some express routes.
- **No-transfer services (Interlining):** Designed to provide one-seat rides between major nodes and residential areas. Routes include portions both on and off the Transitway.
- Transitway operating speed is 100km/h between stations. stations.

Nodes served by Transitway:

- Urban Growth Centres (Brampton, Vaughan, Richmond Hill, Hill, Markham, Downtown Oshawa, and Pickering).
- Post Secondary Institutions (York University, UOIT, Durham Durham College, York University Keele Campus, York University Markham Campus).
- Transit Connections (Bramalea GO, MiWay, Brampton Züm, Züm, YRT, VIVA, TTC, HuLRT).



Schematic Transit Service Diagram for 407 Transitway

2051 AM Projected Peak Period Ridership

2051* AM Peak Hour Ridership on 407 Transitway, from Hurontario to Highway 400:

- AM Peak ridership projection of 7,500 riders.
    - Supports Bus Rapid Transit (in North America, BRT is typically used when ridership is 2,500 to 10,000) 10,000)
    - Protect for long-term LRT (beyond 2051, to be considered when ridership exceeds 10,000).
- 80% of passengers traveling eastbound during morning commute hours.
- This section of the Transitway supports park-and-ride and and interlining (no-transfer) services.

*2051 ridership forecast figures used are a projection of the official 2041 forecast population growth figures.

What does 7,500 Riders mean?

407 TRANSITWAY

0 — 4,000 — 6,000 — 10,000 +

Bus Mixed Traffic

Dual Bus Lanes

Grade Separated Busway

Light Rail Transit

AM Station Operations

	Eastbound (Board)	Westbound (Alight)
Station Board	1,863	400
Park and Ride	272 (15%)	n/a
Walk/Transit	1,591 (85%)	n/a

- Hurontario LRT
- Züm Route 502: Main
- Züm Route 511: Steeles

Rapid Transit

- Brampton Transit Route 2: Main
- Brampton Transit Route 6: James Potter
- MiWay Route 19: Hurontario
- MiWay Route 103: Hurontario Express

Local Bus

- Go Transit Route 25: Waterloo / Mississauga
- Go Transit Route 33: Kitchener
- Go Transit Route 48: 407 West

Regional Transit

Next Steps

- Preferred Alternative – Mid-June, 2017
- TRG #2 – Presentation of Draft EPR – Mid- October, 2017
- PIC #2 – 3rd Week November 2017
- TPAP Initiation – Mid-December, 2017

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407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF HULRT TRAFFIC AND ALIGNMENT ALTERNATIVES MEETING

HELD ON: **Date:** Thursday, April 27th, 2017
Time: 2:30 p.m. – 4:00 p.m.

HELD AT: MTO Offices – MTO Downsview Office (159 Sir William Hearst) - 7th Floor Main Boardroom

ATTENDEES:
Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LS), MTO Environmental Planner
Lukasz Grobel (LG), MTO
from Ministry of Transportation, Ontario

Javier Mena Diep (JMD)
Makael Kakakhel (MK)
from Metrolinx

Mathew Williams (MW)
Abdul Shaikh (AS)
Steve MacRae (SMR) – *Phone*
from City of Mississauga

Gordon Hui (GH)
from the Region of Peel

John McGill (JM), Project Manager
Gus Garron (GG), Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Project Planning Advisor
from Parsons

Scott Johnston (SJ), Project Engineer
Allan Ortlieb (AO), Project Engineer
from IBI Group

PURPOSE: **Discussion of 407 Transitway Alignment Alternatives and associated issues**

Discussion	Action
<u>407 Transitway Alignment Alternatives – Hurontario Area</u> – A figure highlighting the three alignment alternatives in the Hurontario was displayed and GG described each of the options. GG noted that Parsons has a meeting arranged with Hydro next week to discuss the use of the Hydro Corridor as pertaining to the two southern alignment alternatives (lighter blue in handout). Parsons is aware that Hydro has intentions to expand their corridor to the south and therefore has attempted to accommodate this assumption in the shown design by assuming tower locations (to be confirmed at meeting). GG also noted that the southern alignment alternatives encroach on the existing properties located adjacent to the corridor, however the alignment will be underground at this location and construction will be cut	

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Discussion	Action
and cover with the only required property being the Premium Tire & Auto Centre business on the corner of Hurontario St. and Topflight Dr. – GG also stated that when looking at the impacts of the two southern alignments on the west side of Hurontario St., the darker blue alignment shown will have property impacts while the lighter blue line as less desirable geometry but no property impact. – GG noted that both the southern alignment alternatives require an at grade crossing of the HuLRT non-revenue track leading to the depot facility. MW asked if there is a possibility for the Transitway to be raised and go over the HuLRT tracks by changing the geometry. MW suggested that the alignment could move more to the west, between the more western Hydro Towers by tightening up the geometry. GG noted Parsons can work on developing an alterative which passes over, however the geometrical constraints are challenging. GG also added that the design needs to accommodate both road and light rail requirements as that is part of the projects scope of work. JMD also noted that Metrolinx is concerned with this at grade crossing as this becomes a safety issue. GG noted that it is likely the facility will operate at off peak hours to each other (Transitway during peak periods, depot non-revenue track at off peak hours). RM also added that it is very likely that both facilities will be operated by Metrolinx in the future which would minimize potential operation coordination issues between the facilities. – JMD stated that Metrolinx is happy to see that there are alternatives being considered which bring the transitway station at Hurontario close to the HuLRT station, thus creating a better transit connection. – JMD also noted that the future freight line project alignment is proposed in the same location as the two southern alignment alternatives being proposed by Parsons. GDR noted that MTO's understanding is that at this stage the freight project has not even reached a feasibility study level. JMD acknowledge this fact indicating that he only wants to highlight this potential initiative. – AS asked that if either of the southern alignments are selected if it could be coordinated during the HuLRT construction to provision for the station. GG and RM noted that pre-construction of an underground box for the 407 Transitway could be considered as a similar approach was followed at the Spadina Subway 407 Station. It was noted that the EA for this study will not be completed in time to be incorporated into the HuLRT bid package however RM noted that when the Spadina subway extension included provisions for the Transitway in their design, the EA had not been approved, but the design had progressed enough to include. GG noted this possibility will be discussed internally by MTO. – MK asked about the existing parking situation at this location. RM noted that there is currently a small park and ride lot and bus bays. MK asked is an alignment option could be brought in more to the west through the proposed parking facility which would avoid conflict with the non-revenue HuLRT track. GG said Parsons will assess if this option is geometrically possible. MW also suggested to the Transitway Team to consider the station be moved to the west side of Hurontario St. to avoid issues with the HuLRT. GG noted that there are land availability and access issues to the west, however Parsons will assess an option. – JMD also added that there is a maintenance road which runs parallel to the non-revenue track which may also be impacted by the South Transitway alignment options. – AS asked if the potential Edwards Blvd. extension has been considered. RM asked the City if MTO had approved this future plan.. **Hurontario Area Traffic**	

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Discussion	Action
– SJ walked through a description of the work being completed for the demand studiy and ridership analysis in the Hurontario area. – RM asked is the traffic impact to the crossing of the non-revenue track and Hurontario was considered. JMD said not to the level of analysis being conducted by the Transitway Team. – AS noted that there will be no parking provided for the HuLRT facility as the intention is to remove cars from the road. – SJ discussed how the connections to the Transitway through traffic will be from the HuLRT and two Zum bus routes. JMD asked why the bus routes are there since the HuLRT will be in place and transfers should be happening at the Steele Ave. Hub. SJ stated that it was modelled as Zum may intend to keep express service routes open through this area. MW also added that it it is important for Metrolinx to understand this may happen. – SJ explained the importance of having a close connection between the HuLRT and Transitway stations from a ridership perspective. SJ noted that it is assumed that close to 85% of riders at this station are expected to be transferring between the two facilities. – AS asked if a sensitivity analysis had been completed between the north and south Transitway locations. SJ stated this had not been completed. **General Discussion** – MK asked if moving Hydro towers was considered by the Transitway Team. RM noted that this is very unlikely – the 230KV lines are easier to move however the 500KV lines are very difficult logistically and very costly. Also, Hydro would need to agree to this, which is unlikely. – JMD also added that it is Metrolinx's plan currently to have the RFP out for the HuLRT in June 2017, with the selected proponent happening in June 2018. – GG walked through the Parsons next steps as per the slides.	

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Minutes prepared by: PARSONS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

407 Transitway

HYDRO ONE CORRIDOR ALTERNATIVES MEETING

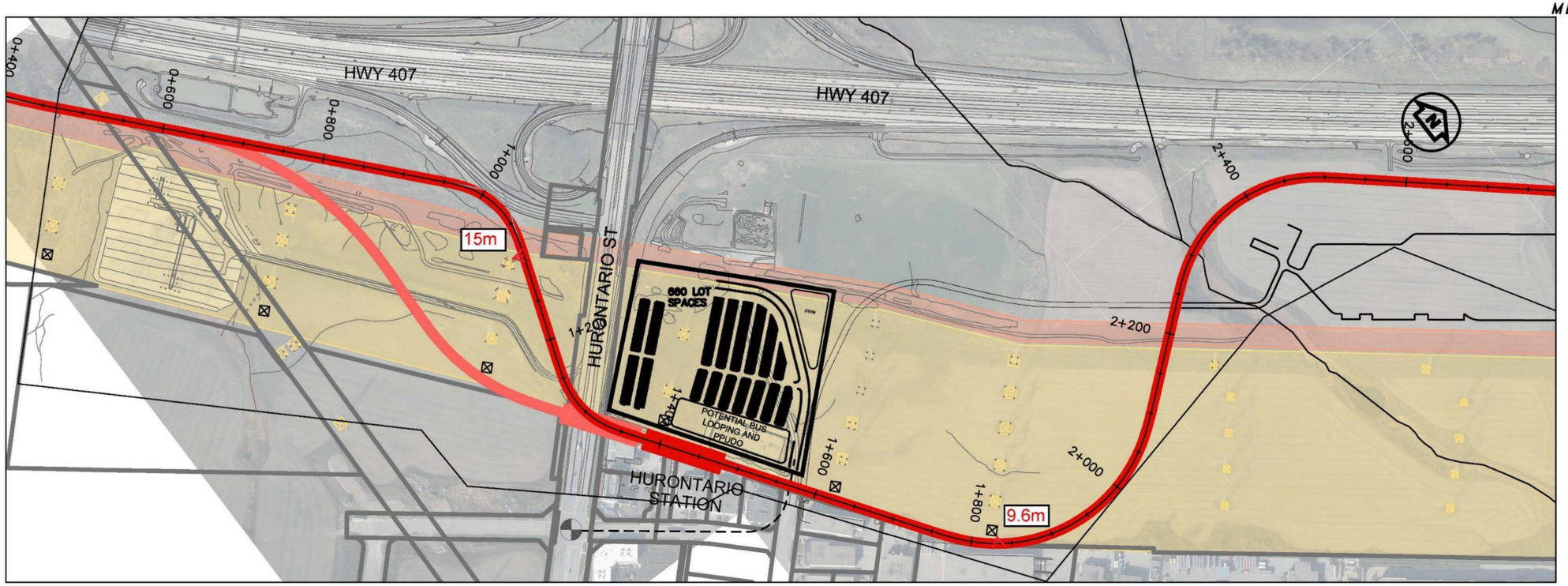
MAY 8TH, 2017

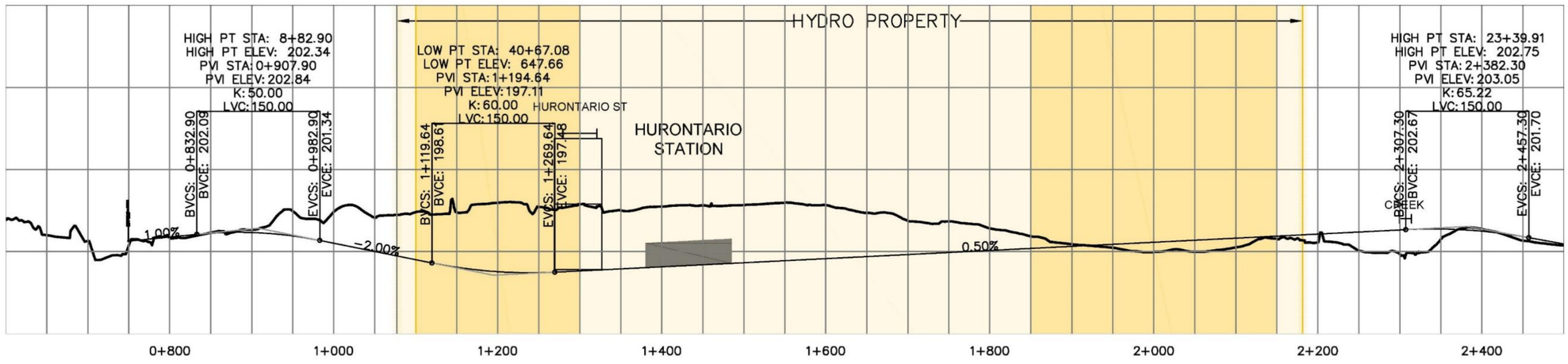
PROJECT WEBSITE: 407Transitway.com

Ontario

Hurontario Area

METRIC





Ontario PARSONS IBI GROUP

SCALE
50m 0 100m
Horizontal

LEGEND
- PROPOSED TRANSITWAY
- PROPOSED TRANSITWAY
- HYDRO CORRIDOR
- EXISTING GROUND
- PROPOSED PROFILE

407 TRANSITWAY
HYDRO CROSSING
LOCATION 1: HURONTARIO AREA

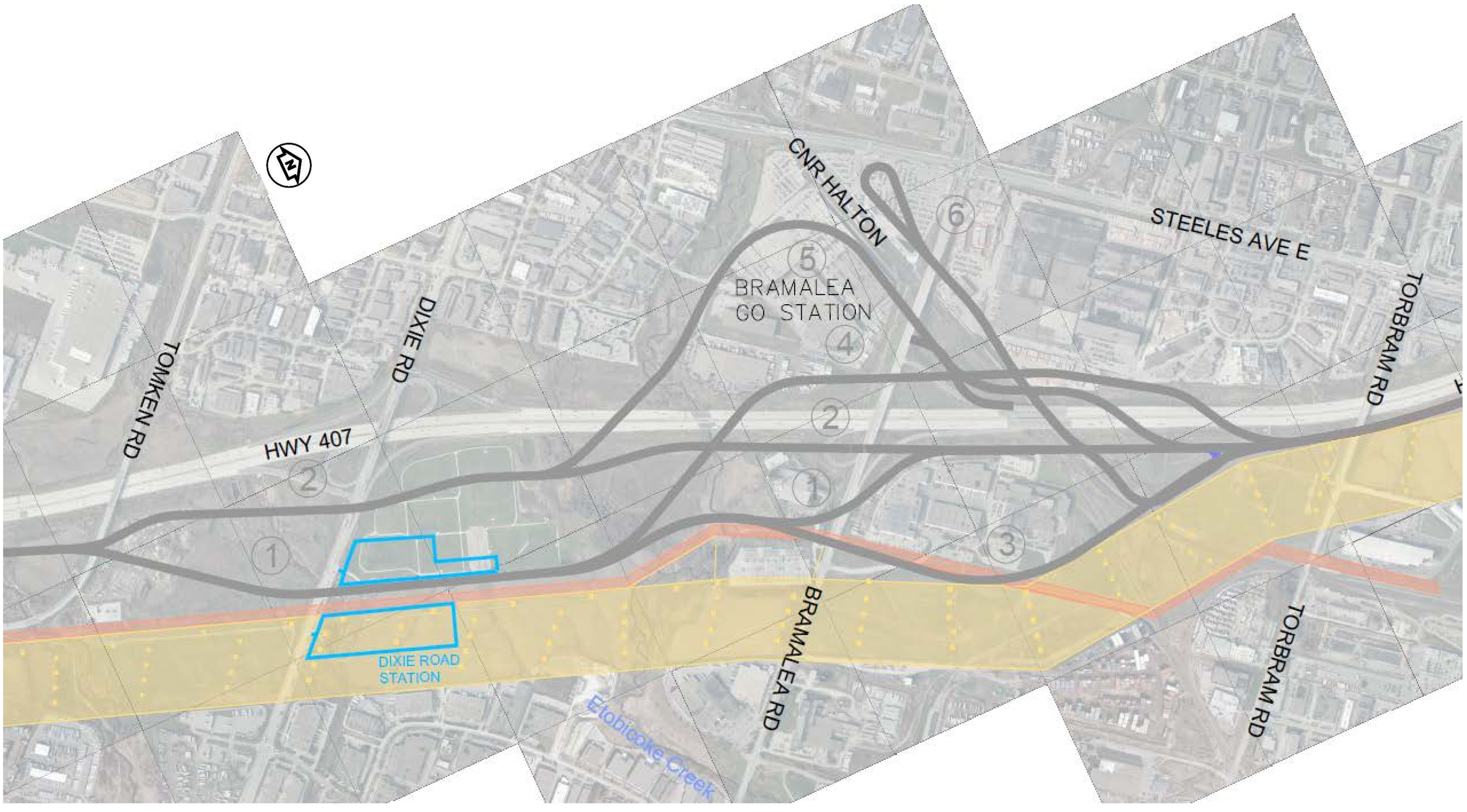
DRAWING SET PLAN AND PROFILE

PLATE

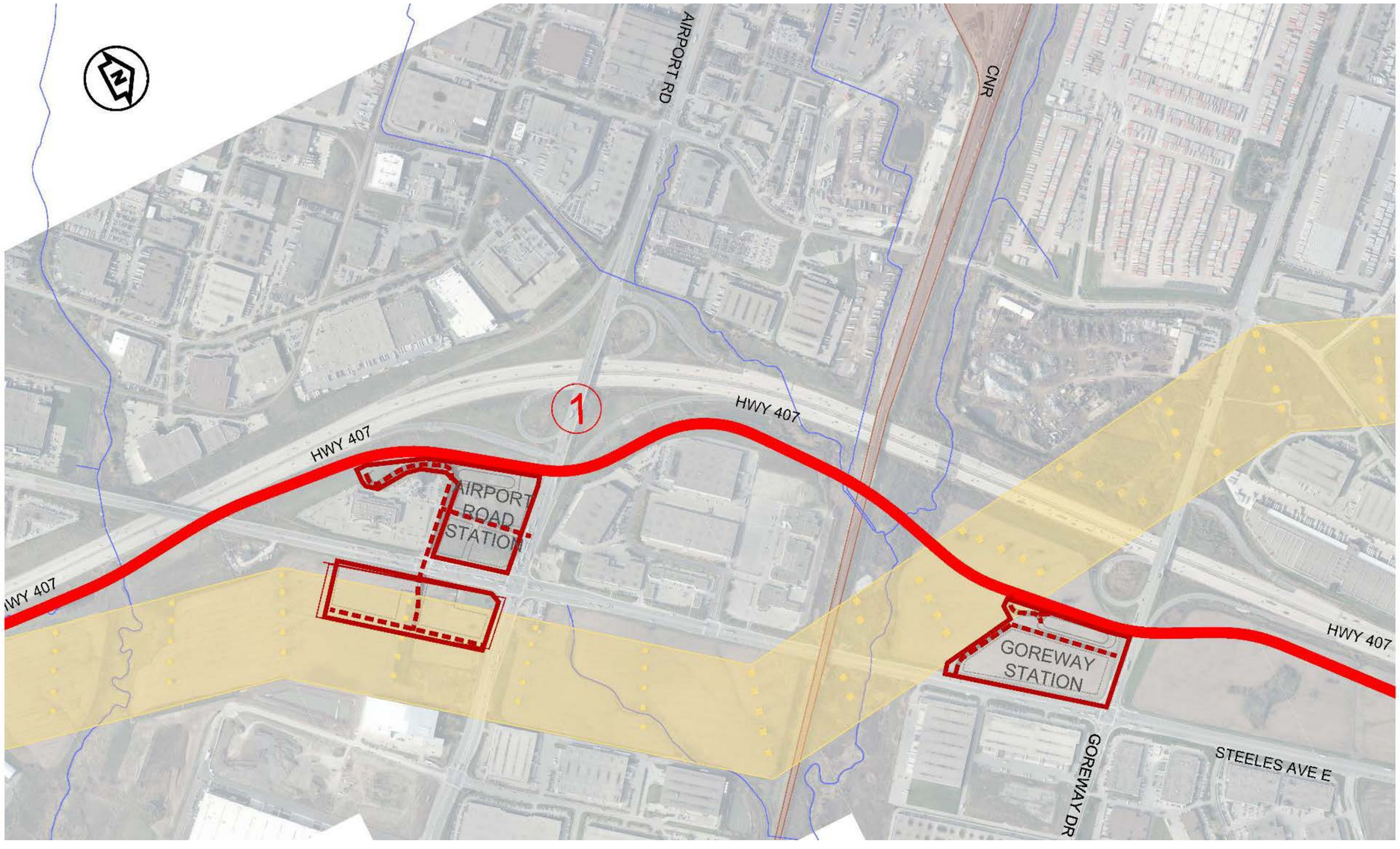
DATE --/--/--

DRAWING NAME: J:\TDR\402868 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TT\9 General\03 - Drawings\9 - Plates\HYDRO DISCUSSION.dwg
CREATED:
MODIFIED: Apr 28, 2017 - 1:39pm MDOTIME

Alignment and Station Site Alternatives
Dixie Station Options



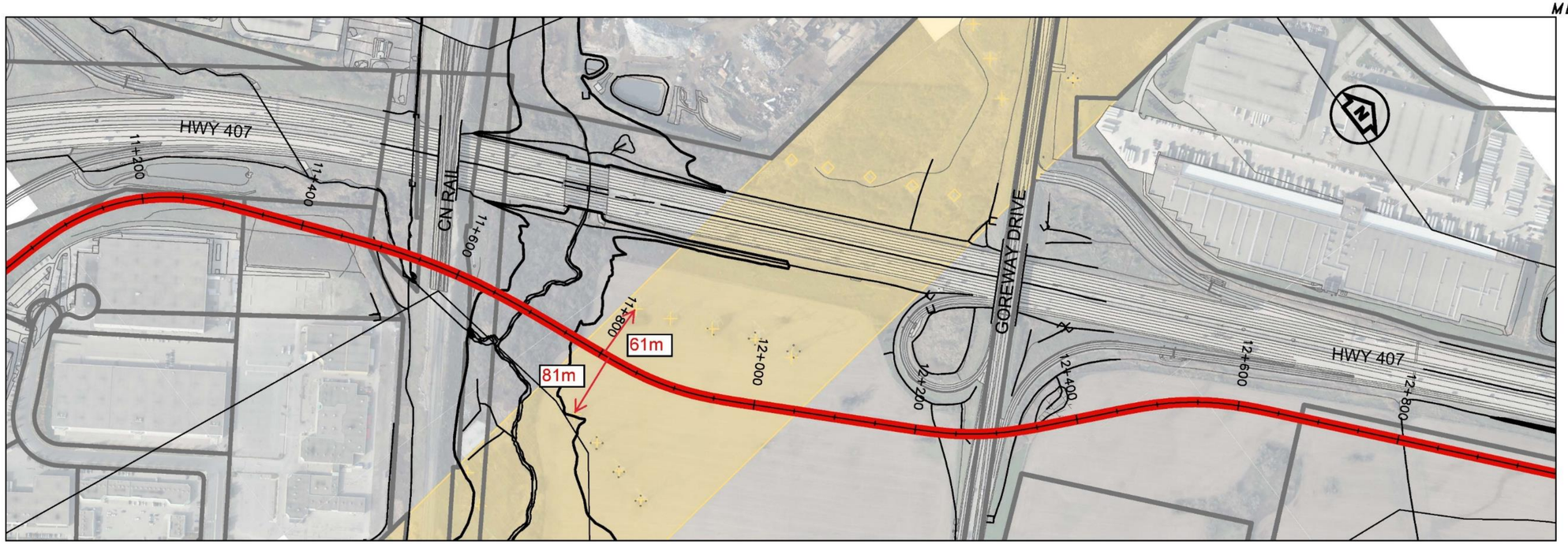
Alignment and Station Site Alternatives
Airport Road Area

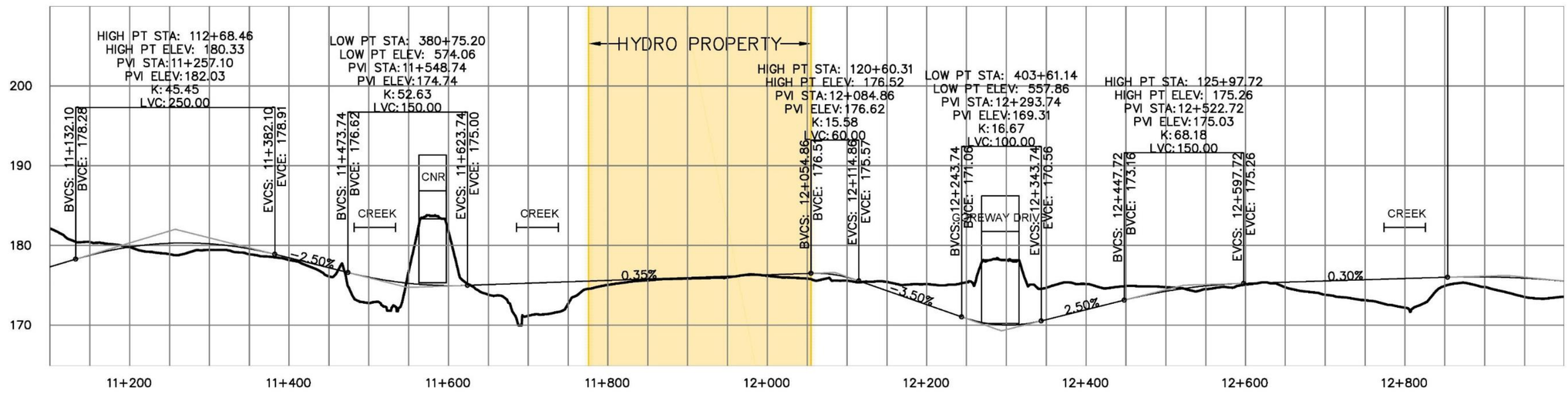


Airport Road Station Option: Good access from Highway 407; signalized access from Steeles Ave; estimate: 570 parking spaces required (4.7 ha). Expansion opportunity within hydro corridor south of Steeles Ave (approx. 700 spaces, 4.9 ha).

West of Goreway Drive

METRIC





Ontario PARSONS IBI GROUP

SCALE
50m 0 100m
Horizontal

LEGEND
- PROPOSED TRANSITWAY
- PROPOSED TRANSITWAY
- HYDRO CORRIDOR
- EXISTING GROUND
- PROPOSED PROFILE

407 TRANSITWAY
HYDRO CROSSING
LOCATION 2: WEST OF GOREWAY DRIVE

DRAWING SET PLAN AND PROFILE

PLATE

DATE --/--/--

DRAWING NAME: s:\TOR\502898 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\VTU\3 General\03 - Drawings\4 - Plates\HYDRO DISCUSSION.dwg
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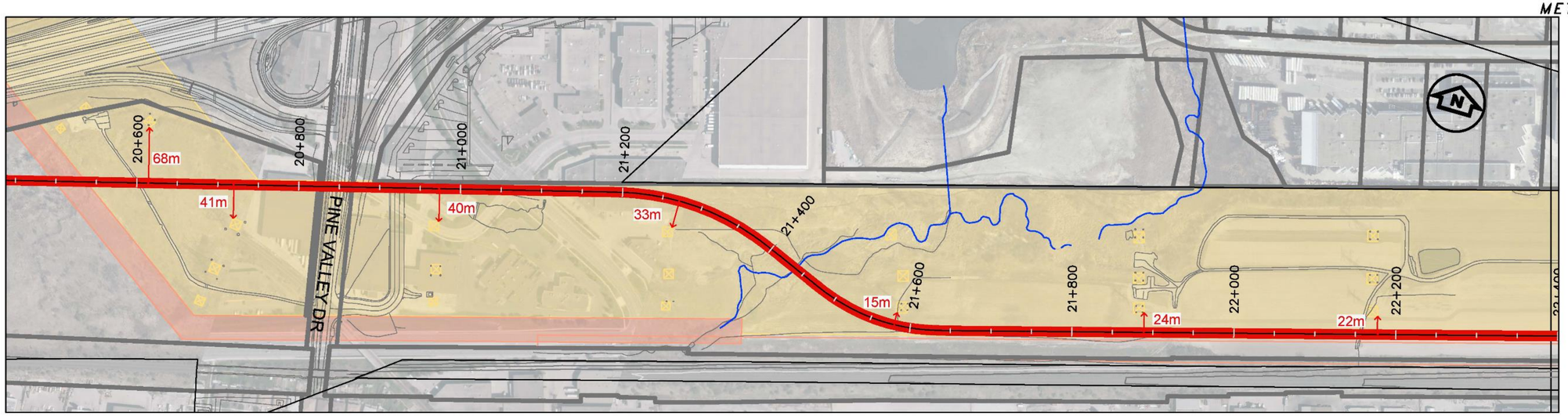
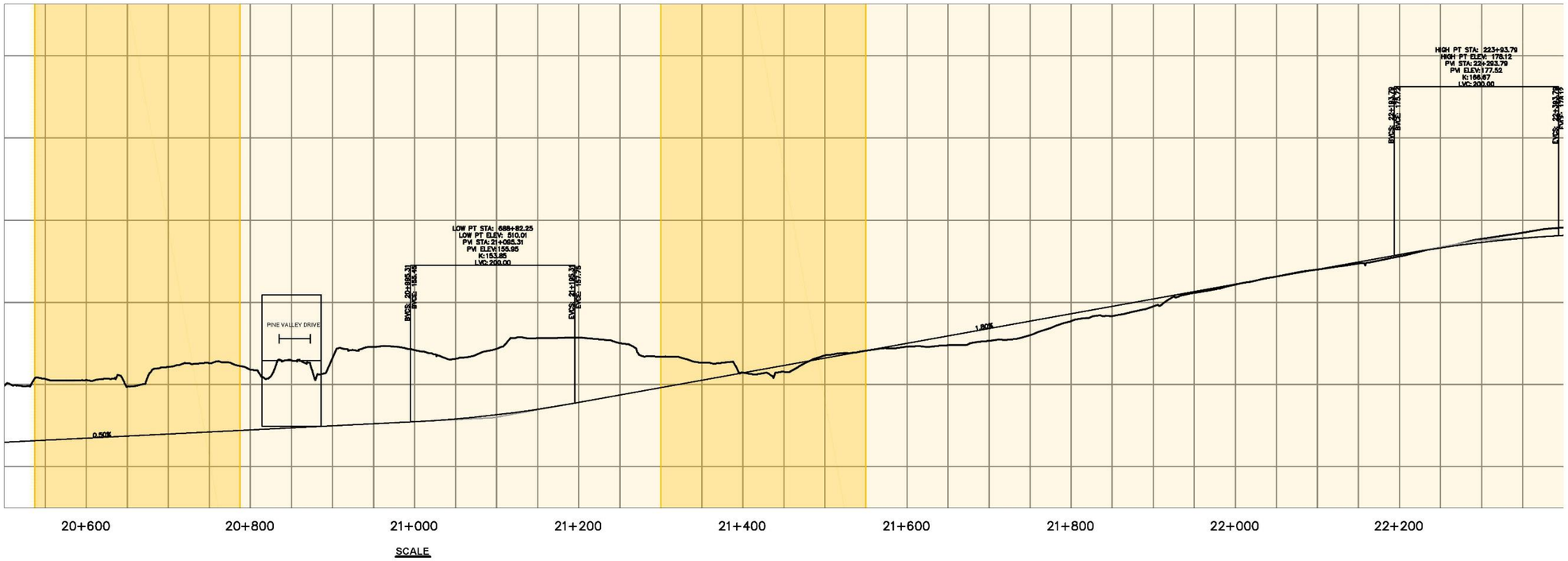
MODIFIED: Apr 28, 2017 - 1:26pm MOOTIME

Pine Valley to Hwy 400

METRIC





SCALE

Ontario PARSONS IBI GROUP

50m 0 100m
Horizontal

LEGEND

- PROPOSED TRANSITWAY
- PROPOSED TRANSITWAY
- HYDRO CORRIDOR
- EXISTING GROUND
- PROPOSED PROFILE

407 TRANSITWAY
HYDRO CROSSING
LOCATION 3: PINE VALLEY TO HWY 400 (1 of 2)

DRAWING SET
PLAN AND PROFILE

PLATE

DATE
--/--/--

DRAWING NAME: s:\TOR\402868 ON--HTD 407 TRANSITWAY HURONTARIO--HWY 400\TV\5 General\03 - Drawings\6 - Plates\HYDRO DISCUSSION.dwg
CREATED:
MODIFIED: May 08, 2017 - 5:15pm MOOTIME

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407 TRANSITWAY FROM WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF ALIGNMENT ALTERNATIVES MEETING WITHIN HYDRO CORRIDOR

HELD ON: **Date:** Tuesday, May 9th, 2017
Time: 10:00 a.m. – 11:00 a.m.

HELD AT: Hydro One Offices – 483 Bay Street, Toronto - CONF RM: 07-E TCT07-SOUTH

ATTENDEES: Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LS), MTO Environmental Planner
Adrian Firmani (AF), MTO Planner
from Ministry of Transportation, Ontario

Rick Schatz (RS)
Lou Fortini (LF)
Enza Cancilla (EC)
Gian Minichini (GM)
Rossella Fazio (RF)
from Hydro One

Patrick Grace (PG)
Jordan Erasmus (JE)
Ernest Abraham (EA)
Rita Kelly (RK)
from Infrastructure Ontario

Gus Garron (GG), Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Project Planning Advisor
from Parsons

PURPOSE: **Discussion of 407 Transitway Alignment Alternatives within Hydro Corridor**

Discussion	Action
Introduction – GDR introduced the project and introductions were made around the table. – GG gave a brief background presentation on the 407 Transitway project and the status of the different sections, – GDR noted that from the Highway 400 to Brock Road the project has EA approval, east of Brock EA approval at Planning level. The two sections currently at the EA and Preliminary Design Stage are from Hurontario Street to Highway 400, and from Burlington to Winston Churchill Blvd. GDR also noted that construction of this project is currently not funded. – GG noted that the design team is aiming to minimize impacts on the Hydro Corridor, but in three or four specific locations in the Hurontario Street to Highway 400 Section, the design of the runningway or the design of the park and ride facilities is impacting the Hydro Corridor.	

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Discussion	Action
– GG explained that the purpose of these meeting is to discuss the locations where the Transitway design is actually impacting the Hydro Corridor. – GDR noted that the EA's for the 407 Transitway, Hwy 400 to Kennedy Rd. and Kennedy Rd. to Brock Rd. were approved in 2012 and March 2017 respectively. – RM lastly emphasised that as in previous Transitway studies MTO continues to avoid where possible any intrusion in the Hydro Corridor. RM also noted that design solutions have been employed address impacts. This has included MTO funding mono poles and deep foundations for the new 230kv line between Bayview Ave. and the Parkway TS. MTO paid for Hydro to utilize mono-poles in their expansion projects to accommodate the future Transitway facilities. <u>Hurontario and 407 ETR Interchange Area</u> – GG walked through the alignment alternatives at the Hurontario St. crossing. He noted that two alternatives cross the Hydro Corridor and run on the south side of the Corridor. These alignments provide ideal connectivity between the 407 Transitway and the future HuLRT. GG added that the 407 Transitway project team has been in discussions with Metrolinx regarding the HuLRT project. RS noted that Hydro has not yet received any drawings from Metrolinx and therefore have no position on their plans. – GG stated that the project team is aware that Hydro plans on expanding this corridor to the south. Parsons has assumed the future tower locations based on the existing tower offsets in the corridor. To be conservative, Parsons assumed the future line would be 500 Kv; however, GG and RM asked if Hydro knows yet whether 230 Kv or 500 Kv lines are planned for the corridor expansion in this area. RF noted that she does not know but will try to find out and let the Project Team know. RM noted that it is easier to design around 230 Kv lines due to the smaller tower footprints and possible use of mono poles where necessary, which is why this information is important. – GG noted that the impact on the south portion of the runningway running parallel to the Hydro Corridor will be about ~10% of the Transitway footprint. Gus added that this section will be underground (cut and cover), with most (~90%) of the impacts affecting the back lots of the industrial properties to the south of the Hydro Corridor. – RS noted that the alignment options shown running through the corridor are towards the centre of the tower rows. He stated that theoretically it is better to be closer to the towers to optimize vertical clearance. RS added that the horizontal clearance from the base of the towers is 15 metres. – GM noted that an induction study will need to be conducted by an electrical engineer for the parking and runningway, however it is a benefit that the runningway is proposed to be underground (helps mitigate impacts). GG noted that these important requirements will be included in the Environmental Project Report (EPR) as commitments for Detail Design. RM added that Hydro One would be fully involved in the Detail Design process to ensure that all requirements and approvals are met. – GG added that the proposed Hurontario Station's parking facility will be located within Hydro Corridor. Hydro One did not express serious concerns allowing parking within their Corridor so long as standard clearance to towers are respected. GG also added that idling buses at the site will not be within the Hydro Corridor. Currently the buses are located on an access road between Hurontario St. and Edwards Blvd. which will be maintained. He also added that most transfers in this location will be happening between the HuLRT and Transitway facilities (therefore there will be little bus traffic in the area).	RF (Hydro)

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Discussion	Action
– RS noted that Hydro will provide the list of requirements needed from the Project Team to facilitate Hydro One's review. Typically, Hydro asks for a preliminary submittal which they provide comments on. He also added that the EPR should include the commitment that the Transitway plan is conditional on Hydro One's acceptance during the Detail Design phase. RS will provide this information to HK from Parsons.	RS (Hydro)
Dixie Road (Brampton Soccer Fields) – GG explained the plan is to split the parking in this location to the north and south sides of the runningway to minimize impacts on the existing City of Brampton soccer fields. GG added that only car parking will be within the Hydro Corridor (south side of proposed runningway) and station facilities such as bus bays and Passenger Pick Up and Drop Off (PPUDO) will be located on the north side outside of the Hydro Corridor.	
Airport Rd. Station – GG explained that in this location, the station facility is located north of Steeles Ave. The Hydro Corridor located south of Steeles Ave. would be only be impacted on in case park and ride expansion is required at this station.	
Runningway crosses Hydro Corridor west of Goreway Drive and East of Pine Valley – GG stated that there is ample horizontal clearance between the runningway and the towers in this location. GM noted that vertical clearance to the conductors could be a concern due to the distance between towers and resulting line sag. He added that the worst case existing vertical clearance would need to be calculated as this clearance is dynamic (e.g. sags are worse on hot days etc.), and this information would need to be gathered by a field technician. GM also noted that the required Hydro clearances for buses and LRT are different.	
– GG asked what the required clearances are. GM and RF noted that it is approximately 16.6 metres for 500 Kv lines and approximately 11-12 meters for 230 Kv lines, for roads and LRT requirements will be different. Hydro will confirm the requirements and provide them to the Project Team.	RS (Hydro)
Runningway runs parallel to Hydro Corridor from Pine Valley to Hwy 400. – GG explained the proposed alignment through this area. RM asked if Hydro has any expansion plans in this location, specifically on the north of the corridor. RS indicated that it is not likely, but this will be confirmed.	RS (Hydro)
General Discussion – GG noted that although an overall Transitway Implementation Plan has not yet been developed, it is anticipated that high demand stations will be built in advance, with Transitway buses operating on 407 ETR. – GG noted that Parsons will send Hydro preliminary drawings once they are ready for review. RS noted that Hydro has specific drawing requirements which he will pass on to the Project Team. – GG briefed everyone on a general project timeline, stating that the plan is to complete most field investigations this summer and a draft EPR in late fall. The Draft EPR will be circulated to all stakeholders for comments. He also noted that this project is being submitted through the MOECC's Transit Project Assessment Process (TPAP).	RS (Hydro)

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Discussion	Action
– GG also added that this TPAP/EA will require Hydro's preliminary "buy-in" and that it will be clearly stated in the commitments section of the EPR that the design is conditional on Hydro's acceptance during Detail Design.	

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

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407 TRANSITWAY FROM WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF ON-GOING 407 TRANSITWAY PROJECTS (TW3 & TW4) WITH MOECC

HELD ON: **Date:** Tuesday, June 27th, 2017
Time: 10:00 a.m. – 11:00 a.m.

HELD AT: MOECC Offices – 135 St. Clair Ave. W, 7th Floor

ATTENDEES: Yves Dagssie (YD), Special Project Officer
Shannon Rogers (SR) Special Project Officer
from MOECC

Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LSa), MTO Environmental Planner
Adrian Firmani (AF), MTO Planner
from Ministry of Transportation, Ontario

Gus Garron (GG), Project Technical Manager
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Project Planning Advisor
from Parsons

Sowel Kang (SK) Environmental Planner
Liz Speller (LSp) Environmental Planner
from LGL Limited

PURPOSE: **Discussion of on-going 407 Transitway TPAP assignments with MOECC.**

Discussion	Action
<u>Project Introduction</u> – GG outlined the agenda and purpose for the meeting. – GG noted that the main objectives of this meeting are to provide MOECC with a summarized description of the undertakings for which MTO will be seeking TPAP approval; brief MOECC on lessons learned through the previous 407 Transitway TPAP assignments; discuss thoughts and approach that could improve efficiency of the EPR review process; and brief MOECC regarding the schedule and key milestone dates for both ongoing TPAP assignments. – GG noted that there are currently two on-going 407 Transitway TPAP studies: the segment which runs from West of Hurontario Street to East of Highway 400 (TW3) and the segment which runs from West of Brant Street to West of Winston Churchill Avenue (TW4). Both are being developed by a consulting team led by Parsons. GG added that the projects will be seeking TPAP approval for a fully grade separated bus rapid transit (BRT) facility. – RM explained the history of the previous Transitway studies. The Central Section of the 407 Transitway (TW1 – West of Jane Street to West of Kennedy Road) was approved in 2012 while the East Section (TW2 – West of Kennedy Road to East of Brock Street) was approved in April 2017. Transitway standards and specifications were developed during the Central Section (TW1) by Parsons. RM noted that Parsons (formerly Delcan) has been the selected consultant on all four (previous and on-going) 407 Transitway assignments for MTO.	

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Discussion	Action
– RM noted that a future TPAP will be conducted for the section between Winston Churchill and Hurontario. GDR noted that MTO has been advised by his Minister's office to defer this section for now. – RM noted that the project implementation will be phased, noting that service is essentially in operation (GO buses currently using the existing 407 ETR with some stations already implemented). – GG noted that the alignment and station design is being developed to allow conversion from BRT to light rail transit (LRT) in the future if needed, without affecting the footprint of the proposed facility; however, the current TPAP assignments will seek approval for BRT technology only. **Regulation/Process Discussion** – YD noted to the Project Team that the project must strictly follow the prescribed TPAP regulation. YD also added that the project must be referred to as TPAP rather than EA as the TPAP is the process being used for this assessment. The Project Team agreed to this approach and will use the term TPAP in all documentation. **Project Schedules** – GG outlined the project schedule for both current 407 Transitway assignments. – GG explained that for the West of Hurontario Street to East of Highway 400 Section (TW3), the planning phase is close to completion and the pre-TPAP phase will be commencing within the next month or so. GG added that the intention is to trigger the TPAP near the end of the year (December 2017 to January 2018). – GG stated that for the West of Brant Street to West of Winston Churchill Avenue Section (TW4), the TPAP is currently scheduled to be triggered in 2019. GDR noted that the two projects are approximately 1 year offset. – GDR noted that the West of Hurontario Street to East of Highway 400 Section (TW3) PIC#1, which was attended by YD, was the planning phase PIC. GDR added that for these projects, two PIC's are being held – one for the planning phase and the second in the TPAP phase, which is the mandatory PIC (as per the TPAP regulation). **Lesson's Learned** – GG outlined some of the lessons learned from the previous 407 Transitway TPAPs. GG noted that the type of comments and requests received from the stakeholders for the 407 Transitway Section recently approved by MOECC are being or will be addressed in the upcoming TPAPs to optimize the preparation of the EPRs. GG added that another approach taken by the Project Team as a result of lessons learned is to initiate early consultation with key stakeholders, prior to preparing the Draft EPRs. The Project Team's goal is to trigger the TPAPs after stakeholder's concerns have been addressed. – YD noted that consultation with Indigenous communities is essential for the MOECC adding that it is important for the Project Team to follow-up with all communities via email, phone etc. to ensure that communications regarding the project were documented and followed up on. YD recommended asking for confirmation that the communities do not have comments or concerns and this be included in the EPR. It was also added that this communication process must be well documented in the Consultation Chapter of the EPR in order for MOECC to clearly understand what measures were taken etc.	

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Discussion	Action
– LSa noted that MTO has a separate division which focuses on consultation with Indigenous communities. This division runs separate engagement with the various communities and such discussions include on-going MTO projects, including the 407 Transitway projects. – YD added that any stakeholders located within approximately 400 metres of the proposed Transitway should be consulted. SK noted that the area covered is typically greater than 400 metres. MOECC agreed with this approach however noted that the selected area to be covered needs to be justified in the EPR document. GG noted that in the recent 407 Transitway TPAP, MOECC questioned the rationale used to determine the Study Area, and that the EPR addressed the comment by describing the rationale used for each discipline, as requirements differ depending on the environmental component (i.e. area for archaeology investigation and traffic impact are much greater than for noise and vibration). YD added that the project description will be a key component of the EPR document and needs to be well described. YD noted that a description of the runningway, stations, storage facilities etc. must be clearly defined and final. Any change to the description would have to be addressed as an addendum to the TPAP after the TPAP is approved. – GG asked YD if early consultation between the MOECC specialists and the project team would be acceptable (i.e. early review of specialist reports etc.), before a draft of the EPR document is submitted. YD stated this is acceptable, however MOECC will require 3-4 weeks advanced notice in order to accommodate work schedules as all specialists are quite busy. YD also stated that it is MOECC's preference to minimize the number of times documents are reviewed. YD noted that the 3-4 week notice also applies to the submission of the draft EPR document (in its entirety). YD noted that it is acceptable for MTO to contact the specialists directly, keeping YD copied. YD will send a list of the specialists from MOECC for this project to MTO. – SK asked if YD would accept the TPAP PIC (PIC #2) being held before the 120 day TPAP period. SK explained that this has been the approach on the previous two TPAP's in order to make sure there are no new issues raised by the Public after the TPAP is triggered. YD noted his preference to have the TPAP PIC during the 120-day period, however, he leaves the decision to the discretion of the proponent. **Examples of Environmentally Sensitive Areas.** – Two typical examples of sensitive areas being studied were briefly described by GG and RM, one in each Transitway assignment: • In the West of Hurontario Street to East of Highway 400 Section (TW3), the crossing of the Humber River Rainbow Creek Valley area was identified as an example of a highly natural environmentally sensitive area, for which early consultation with the relevant stakeholders (TRCA and CN) are taking place. • In the West of Brant Street to West of Winston Churchill Avenue Section (TW4), the segment along the Ninth Line corridor was described as an example of a social environmentally sensitive area, due to development land use issues. MTO also plans to engage in early consultation with the City of Mississauga and relevant stakeholders to discuss their concerns. **Climate Change Mitigation Measures** – YD noted that Climate Change mitigation measures have become a key component of these TPAP studies and must be clearly addressed in the EPR. YD added that MOECC needs to see that the proponent is making an effort to meet specific climate change targets. It was discussed that since this project is likely to be implemented far into the future, technologies may be	YD

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Discussion	Action
significantly different. This should be included in the EPR as a commitment to investigate/include in future stages.	

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407 TRANSITWAY FROM WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF 407 TRANSITWAY IMPACTS ON PARKWAY BELT UTILITY CORRIDOR AT BRAMALEA ROAD AND 407 ETR.

HELD ON: **Date:** Friday, July 14th, 2017
Time: 10:00 a.m. – 11:00 a.m.

HELD AT: MMA Offices – 777 Bay Street, 13th Floor – Franz Josef Habsburg Boardroom

ATTENDEES: Alejandra Gonzalez (AG), Planner, Community Planning and Development (West)
Julianna Zhuo (JZ)
from Ministry of Municipal Affairs

Adrian Firmani (AF), MTO Planner
from Ministry of Transportation, Ontario

Gus Garron (GG), Project Manager (Technical)
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Project Planning Advisor
from Parsons

PURPOSE: **Discussion of Utility Corridor Impacts at Bramalea Road and 407 ETR.**

Discussion	Action
<u>Project Introduction</u> – RM gave a brief introduction on what the 407 Transitway project is and what work has been completed to date. RM noted that this project, referred to as TW3 is on-going, while MTO and Parsons are in the early stages of TW4 which runs from West of Brant Street to West of Winston Churchill Boulevard. He also added that two other sections from Hwy 400 to Brock Road have received EA approval (both projects done by Parsons). Lastly, RM added that the segments of Transitway east of Brock Road have also received EA approval (Route Planning) under the approved 407 East Completion/Transitway Environmental Assessment. <u>Bramalea Road Utility Corridor Impacts</u> – RM explained that the purpose of this meeting is to discuss the segment of 407 Transitway located south of the 407 ETR/Bramalea Road interchange (adjacent to the Emerald Energy facility). He added that MTO and Parsons have been working on alignment alternatives through this area, trying to avoid existing infrastructure and impact on private property and the Utility Corridor, which has proven to be challenging. RM added that Emerald Energy has expansion plans which would require all of its property south of the existing facility. RM also added that Emerald Energy cannot expand to the west due to environmental considerations. RM finished by noting that Parsons is currently examining three different alternatives in this area (one to the north of Emerald Energy, one on the Emerald Energy site and one in the Inter-urban Transit/Utility Corridor in the Parkway Belt West Plan to the south). – AG asked what the width of the 407 Transitway runningway will be. RM answered by stating that a 30-metre swath was protected by the 407 Transitway Corridor Protection Study and the Parkway Belt Inter-urban Transit designation. RM noted that the 30-metres may not be a	

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Discussion	Action
sufficient width in some locations (depending on grading etc.). GG added that the actual 407 Transitway runningway width will be approximately 12-15 metres. Lastly, RM explained that the Transitway Corridor Protection Study for Halton Region and the approved EA east of Brock Road protect a 60-metre corridor. – AF added that a 14-metre development setback is always applied to properties adjacent to the Transitway by MTO. – GG briefed on the alignment alternatives considered in the Bramalea Road area, as per alignment drawings which were presented during the meeting, as follows: o An alternative alignment north of Highway ETR, is not feasible due to significant private property impacts, and excessive costs (2 bridges over Highway ETR core lanes). o An alternative alignment between Highway 407 ETR and Emerald Energy was also considered not feasible, due to the very high tunneling costs under the 407 ETR Bramalea Road interchange, impacts on the existing stormwater pond (dry) located north of the Emerald Energy facility and the requirement to pump the section under Bramalea Road due to the existing water table. o The third alternative located immediately north of the recently installed Enbridge pipe impacts the Emerald Energy property and future expansion plans. o The fourth alternative discussed is located immediately south of the Enbridge pipe within the Inter-urban Transit/Utility Corridor. In this alternative, the Transitway runs above and along the Inter-urban Transit/Utility Corridor for a short distance (~250 metres). GG noted that the impacts on the Corridor would be limited to bridge piers constructed approximately every 30 metres. AG added that Parsons is to keep in mind that utilities can be built above or below ground in the Utility Corridor. Lastly, GG noted that the alignments shown in the distributed drawings are preliminary and can be refined if needed or requested by MMA including the elimination of possible conflicts with existing utilities if any exist. - RM noted that the goal in addressing this issue is to have the Utility Corridor and 407 Transitway exist together for this short section as identified in the Parkway Belt West Plan and to function properly. **Issues Obtaining Utility Corridor Data** – RM explained that it has been difficult to obtain data as to what is currently and/or planned within the Utility Corridor. AG stated that MMA does not have any information as to what utilities might be in the corridor and that it is MMA's role is to administer the Parkway Belt Plan and amendments if necessary. Utilities are approved uses and the required easements would be addressed by IO. AF noted that the utility data should be available through the MTO Corridor Control Office and he will look into this. – AF asked MMA if they would know of future expansion plans within the Utility Corridor. AG stated that this would be managed by IO and MMA would not have this information. – The location of the Enbridge pipeline running through the area was discussed. GG noted that it was unclear why the pipeline is outside of the Utility Corridor (to the north). It was agreed that it was likely chosen to avoid the 407 Transitway alignment as identified in the Corridor Protection Study and located within the Inter-urban Transit Corridor.	AF (MTO)

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Discussion	Action
Parkway Belt Plan Conformity	
– AG asked what the project team needs from MMA. RM asked if the Transitway alignment would require an amendment to the Parkway Belt West Plan or other MMA approval, suggesting that it would not since it is a permitted use in the Parkway Belt Inter-urban Transit designation. AG agreed that an amendment or formal approval is not likely, however, this would need to be confirmed by MMA staff. GG also added that it is important to meet with MMA as MOECC requires that all stakeholders be included in discussions.	AG (MMA)
General	
– AG said she will confirm if there are any issues with having a "double use" of the Inter-urban Transit/Utility Corridor (for utilities and the 407 Transitway runningway). She also added that if there are issues, this will need to be further discussed with IO as they manage the utility easements on IO lands. RM noted that IO does not need to approve the 407 Transitway alignment.	AG (MMA)
– RM noted that MTO and Parsons will need to talk to IO regarding existing or proposed utilities in the corridor in this area. RM lastly added that if needed, MTO could pay to move a utility to resolve a conflict, if it is proven more cost effective as determined through further analysis.	
– GG noted that another option is to have the bridge piers on the outside of the runningway structure (e.g. like the Gardiner Expressway and Lakeshore downtown Toronto) to avoid utility conflicts. GG noted that 5 metres of clearance is needed between the ground and the runningway structure to allow for pipe digging equipment to operate. GG added that Option 3 would require crossing above Bramalea Road (bridge/overpass).	
– GG suggested that Option 3 would be carried forward to keep the project on schedule with a disclaimer indicating that this depends on agreements with IO etc.	
– AG asked if a copy of the Public Transportation and Highway Improvement Act could be sent to MMA. AF noted it is available on the MTO website. AG asked how this Act works relative to other legislation. AF noted that he believes the Minister's powers under the PTHIA override other acts or policies. AF to confirm.	AF (MTO)
– AG finished off by noting it is good to know what is going on with this project. She added that MMA will confirm if Alternative 3 is acceptable. AG requested that an e-mail be sent to MMA setting out the details of the alignments, issues and recommendations as discussed in the meeting to assist in the MMA review. AG noted that it will take MMA 2-3 weeks to review this information.	MMA
– AG noted that JZ will be the MMA point of contact for this work (julianna.zhuo@ontario.ca).	

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

407 TRANSITWAY

HURONTARIO STREET TO HIGHWAY 400

Technical Resource Group Meeting #2

DECEMBER 8TH, 2017

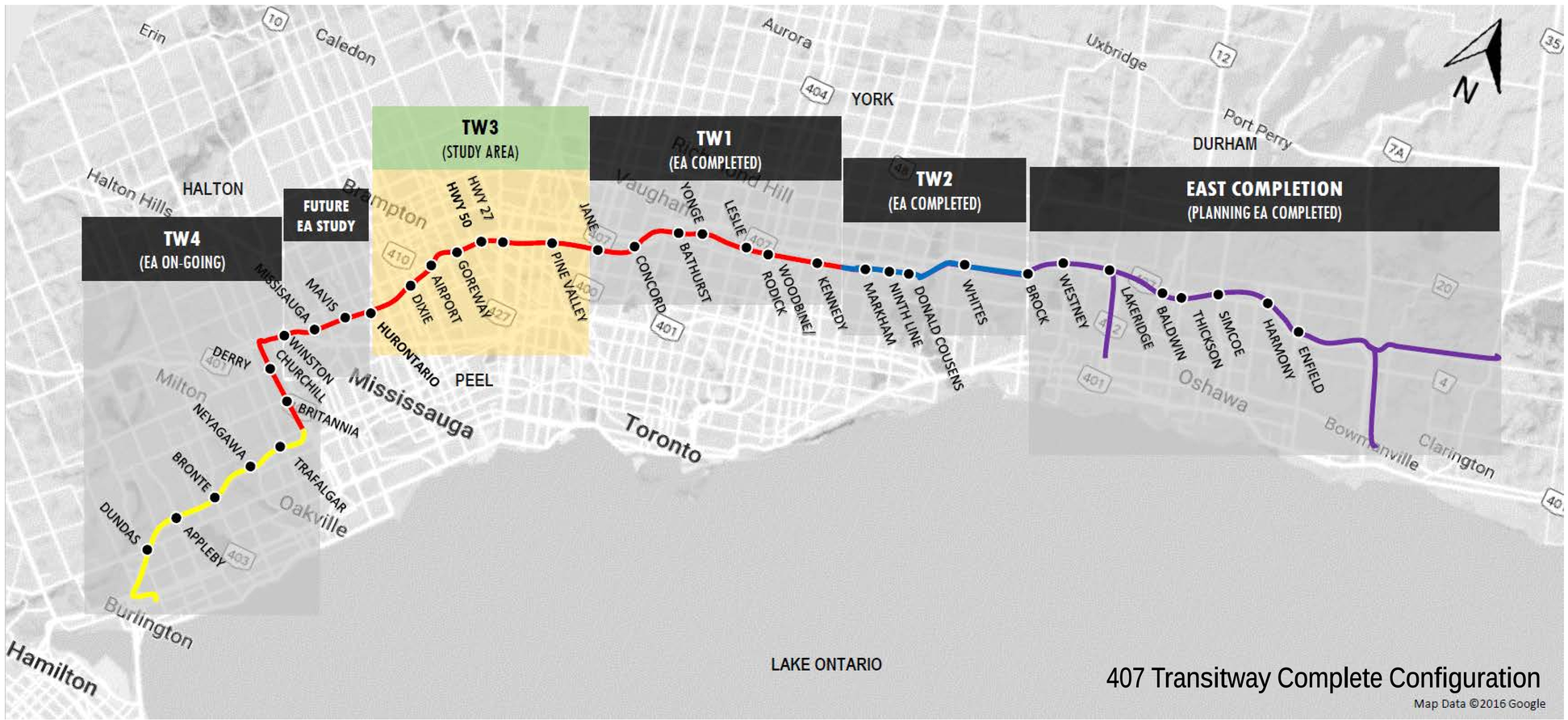
PROJECT WEBSITE: 407Transitway.com

Presentation Contents

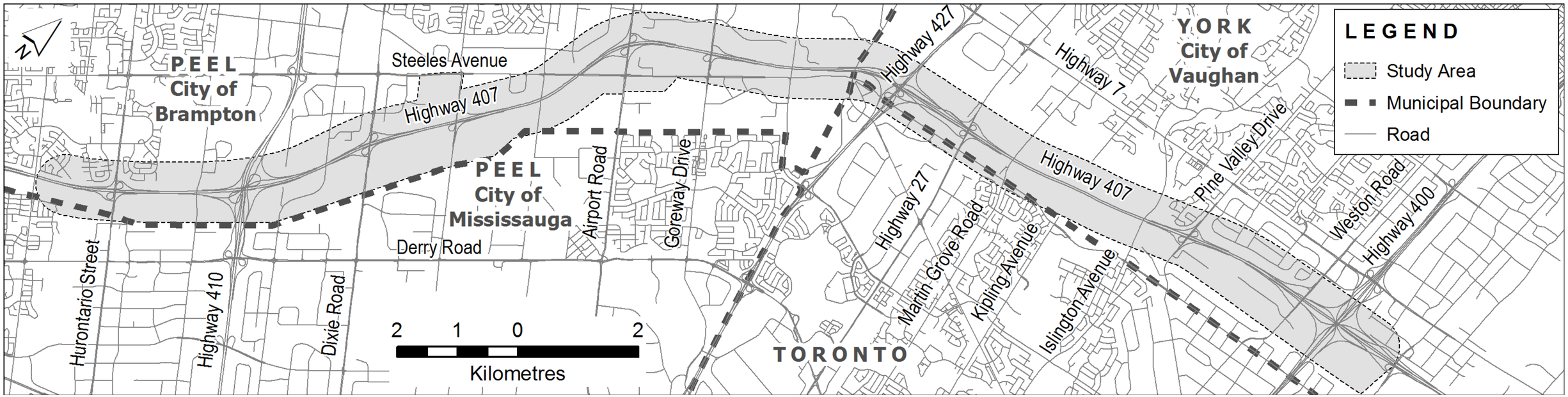
- Main Project Objectives
- What is the 407 Transitway
- Schedule & Process
- Transit Project Assessment Process (TPAP)
- Consultation Process – To Date
- Evaluation Criteria
- Preferred Alignment and Station Configuration
- Updated Ridership Projections
- Field Investigations & Findings
- Preferred Alignment & Station Alternatives
- Potential Implementation Strategy
- EPR Contents
- Next Steps

Main Project Objectives

- Enhance east-west cross-regional mobility and increase transit capacity to meet forecasted travel demand.
- Offer a viable, cost-effective way of moving people in the 407 corridor.
- Improve accessibility to existing/planned major urban centres/nodes, post secondary education institutions, and other nodes of high demand.
- Improve integration with regional transportation network.
- Reduce automobile dependence and green house gas emissions.
- Identify land requirements for Transitway infrastructure.



What is the 407 Transitway?



- Exclusive corridor, fully grade separated bus rapid transit facility with potential conversion to light rail transit, parallel to 407 ETR.
- The 407 Transitway will extend from Burlington to Highway 35/115 (150 km) with up to 50 surface stations.
- **Study limits for this Section:** west of Hurontario Street to east of Highway 400.
- 24 km exclusive runningway with 7 surface stations.

Schedule & Process

Step 1
Planning Stage

Step 2
Transit Project Assessment Process (TPAP)

Regulated Timeline 120 Days | 30 Days | 35 Days

CONTINUING STAKEHOLDER CONSULTATION

- Project Initiation
- Develop Planning Alternatives
- Evaluate Planning Alternatives
- Environmental Field Investigations
- Develop Preferred Concept Design
- **Assessment Process**
  1. Confirm Preferred Alternatives
  2. Confirm Potential Effects & Mitigation Measures
- Prepare Draft EPR
- Notice of Commencement
- Stakeholder Review Process
- Final Environmental Project Report Document
- Notice of Completion
- Public Review
- Minister's Decision
- Statement of Completion

Public Information Centre 1

Public Information Centre 2

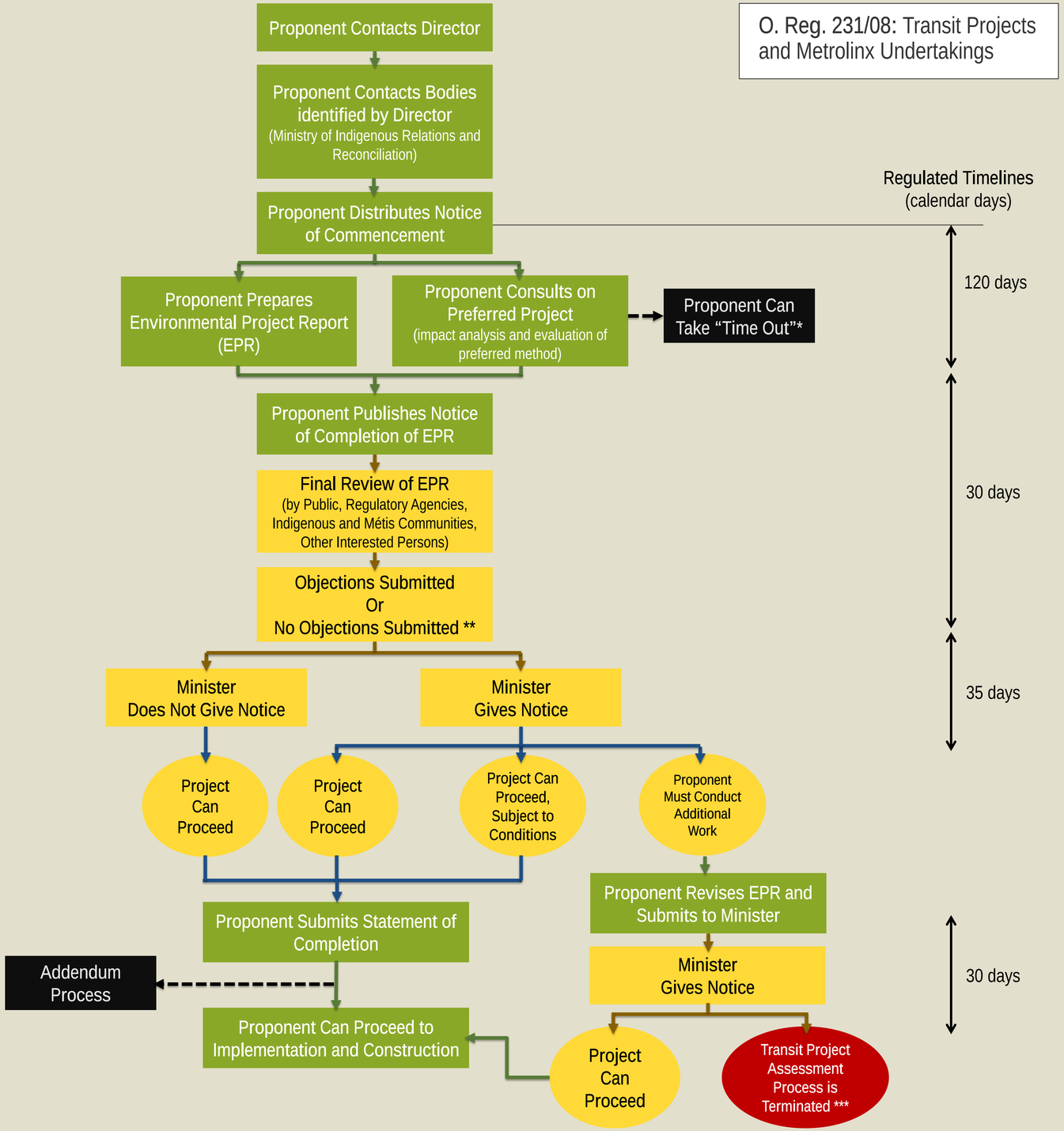
Existing Conditions & Ridership Analysis

Environmental Assessment Project Approval

WE ARE HERE

2016 | 2017 | 2018

Transit Project Assessment Process (TPAP)



407 Transitway Project: Key Dates

TRG 2: Summary of Draft EPR	December 8, 2017
Draft EPR to MOECC and Stakeholders	December 15, 2017
Review of Draft EPR by MOECC and Stakeholders	December 15, 2017 to January 24, 2018
PIC 2	Mid January 2018
TPAP Notice of Commencement	February 2018
Final EPR; TPAP Notice of Completion	June 2018
TPAP Statement of Completion	August 2018

*Dates are current as of Dec. 8th, 2017.

Consultation Process – To Date

AGENCIES

- Initial contact letters sent to agencies in 2015 to provide notification of the Pre-TPAP study commencement and to request background information.
- Meetings held with various agencies including municipalities to introduce the study and address specific concerns and technical requirements.
- TRG Meeting #1 held in November 2016 to introduce the study and to present existing conditions and planning alternatives.
- Invitation letters sent to agencies for PIC #1.

INDIGENOUS AND MÉTIS COMMUNITIES

- Initial contact letters sent to 14 Indigenous and Métis Communities to provide notification of the Pre-TPAP study commencement, to encourage participation, and to request background information.
- Invitation letters sent to Indigenous and Métis Communities for PIC #1.
- Responses received from five Indigenous and Métis Communities to date including Mississaugas of Scugog Island, Chippewas of Rama First Nation, Hiawatha First Nation, Curve Lake First Nation, and Huron-Wendat First Nation. No specific concerns/impacts identified. 407 Transitway lies within the Hiawatha First Nation and Curve Lake First Nation's Traditional Territories and information on archaeological findings was requested.

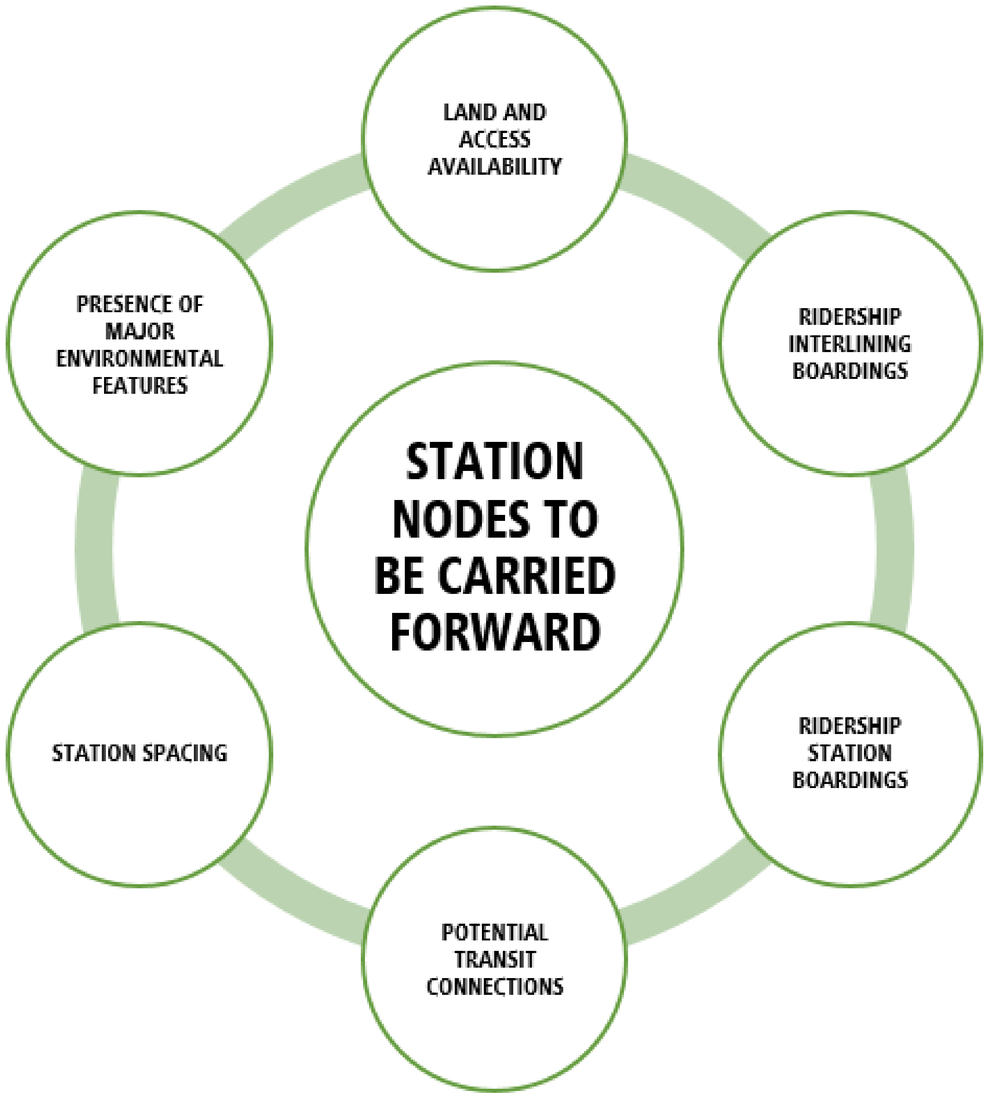
PUBLIC AND LANDOWNERS

- Project Website (http://www.407transitway.com/hurontarioTo400)
- Public Information Centre #1 held in Brampton and Woodbridge in December 2016.
    - Notice of PIC #1 published in local newspapers.
    - Notice of PIC #1 distributed by Canada Post Bulk Mail Delivery (beyond 30 m area required by TPAP)

Stage 1: Station Screening Process

STEP 1: Start with Stations at all important arterial road crossings with the 407 ETR (based on the 1998 Corridor Protection Study).

STEP 2: Screen Stations based on the criteria illustrated below.



Stage 2: Station and Alignment Alternative Evaluation Criteria

STEP 1: Identify all possible station sites in the areas of the selected nodes, and alignments linking the station site alternatives.

STEP 2: Evaluate all planning alternatives based on Service Quality, Infrastructure Considerations and Environmental Impacts.

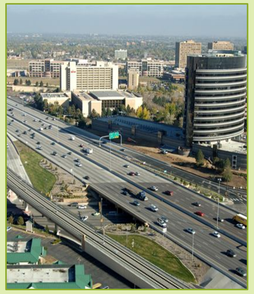
ENVIRONMENT

NATURAL

- Potential Effects on Natural Heritage Resources
- Potential Effects on Environmentally Significant Landforms/Features
- Potential Effects on Geology and Hydrogeology
- Potential Effects on Species/Habitats at Risk

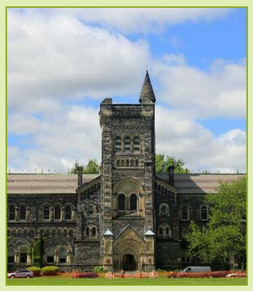
SOCIO-ECONOMIC

- Private Property Impacts
- Land Use Compatibility with Provincial and Municipal Plans and Policies
- Potential Effects on Adjacent Noise Sensitive Areas
- Impacts to Prime Agricultural Lands



CULTURAL

- Known Presence of Archaeological Potential
- Potential Impacts to Known Indigenous Lands
- Potential Effects on Cultural/Built Heritage



SERVICE QUALITY AND INFRASTRUCTURE

TRANSITWAY OPERATION

- Transitway Alignment (Safety, Ride Comfort, Travel Time)
- Suitability for Staged Implementation

TRANSPORATION ACCESS

- Impact to 407 ETR Operation
- Interlining Opportunity
- Platform Connection and Transit Connectivity
- Alignment Geometry
- Impact to Hydro/Utility Infrastructure

STATION SITE AREA

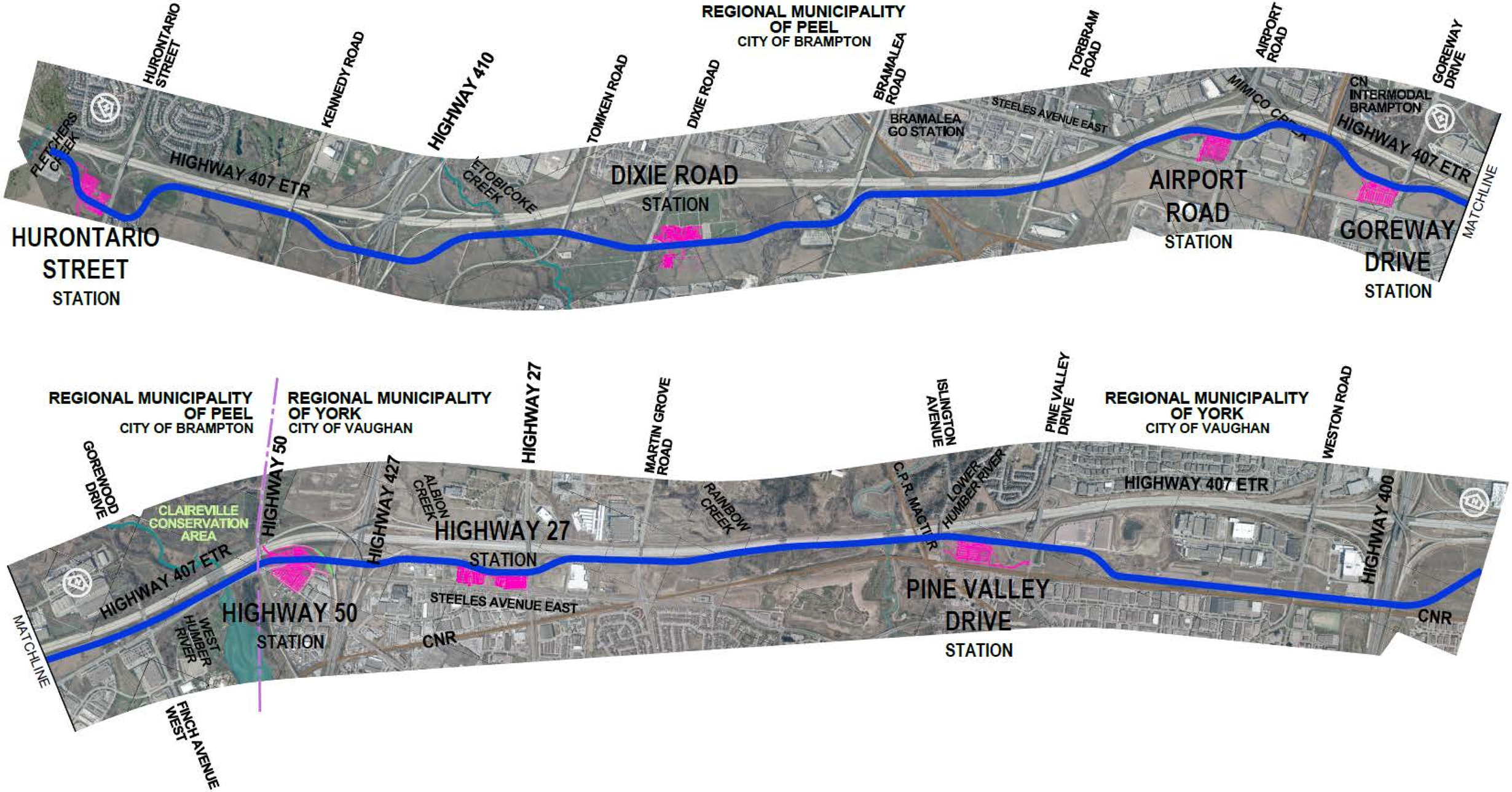
- Site Area and Opportunity to Expand

CONSTRUCTABILITY AND/OR COST FACTOR

- Major Constructability Issues
- Qualitative Cost Assessment

STEP 3: Select recommended station and alignment alternatives.

Preferred Alignment and Station Configuration



Updated Ridership Projections

2041 AM Peak Hour Ridership on 407 Transitway, from Hurontario to Highway 400:

- Peak load is 5,500 eastbound entering Jane Station.

Field Investigations

Environmental Technical Studies on the Preferred Transitway Configuration including field investigations conducted in 2016 and 2017:

- Natural Sciences (fisheries and terrestrial ecosystems)
- Landscape Composition
- Archaeology
- Cultural Heritage
- Noise and Vibration
- Air Quality
- Groundwater
- Contaminated Property and Waste
- Hydrology
- Land Use Factors

Detailed Field Investigations – Major Environmental Findings

Fish and Fish Habitat

- Impacts to 20 watercourses supporting fish and fish habitat.
- New crossings mirror 407 ETR crossings.

Terrestrial Ecosystems

- Impacts to approximately 107 ha of vegetation (including wetlands, forests, cultural vegetation, agricultural land and manicured land).
- Avoids impact to the Woodbridge Cut ESA and the Woodbridge Pleistocene Cut Earth Science ANSI east of Martin Grove Road.

Species at Risk

- Potential impacts to contributing habitat for Redside Dace at one watercourse (Tributary of Fletchers Creek) in the vicinity of the study area.
- Two wildlife species at risk (Barn Swallow and Eastern Wood Pewee) were confirmed during field investigations. Fifteen wildlife species at risk have potential to be found in the study area.
- Impacts to species at risk to be confirmed prior to construction through further field investigations and consultation with MNRF, TRCA and CVC.

Detailed Field Investigations – Major Environmental Findings (cont'd)

Archaeological Features

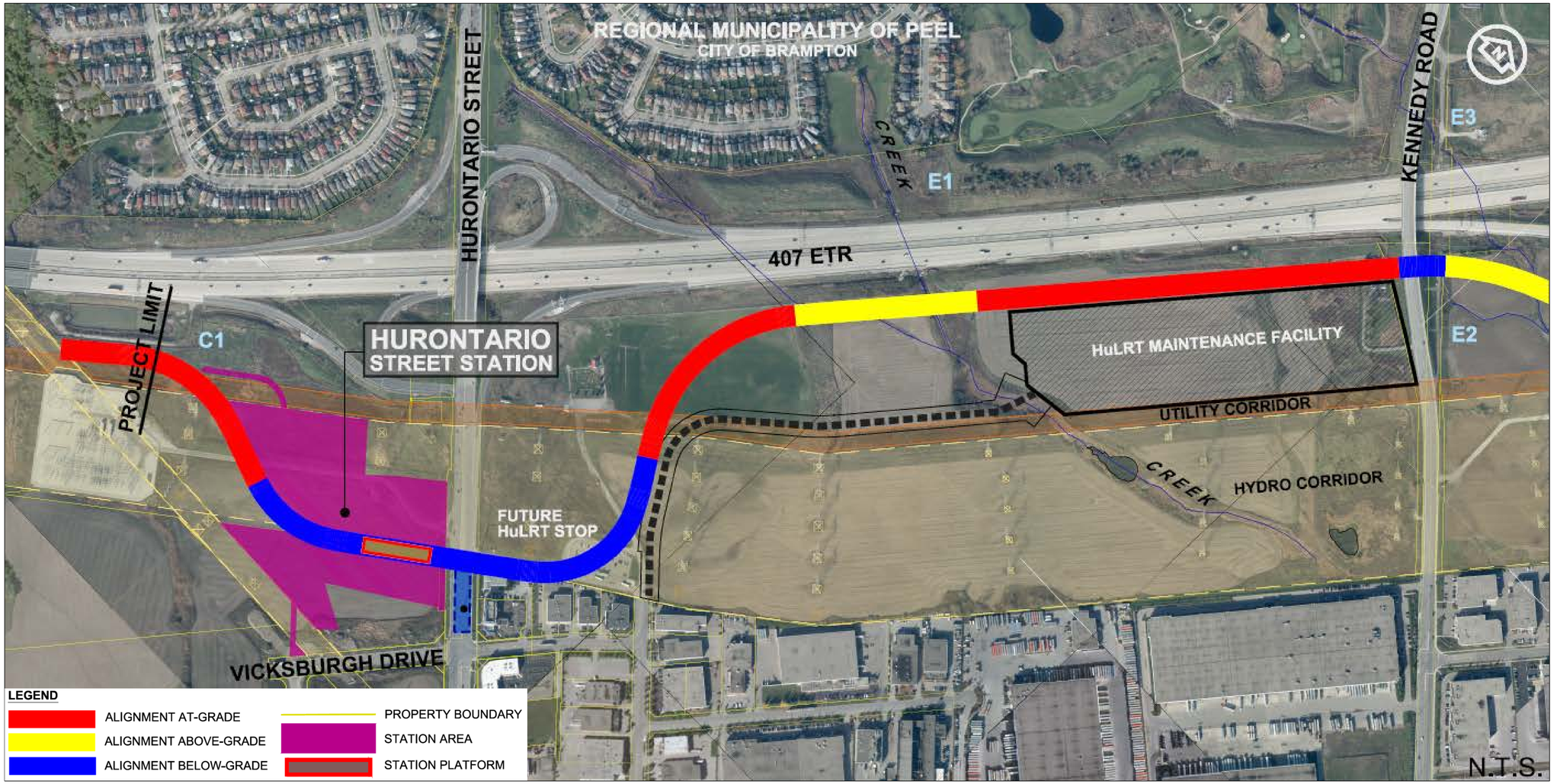
- A Stage 2 Archaeological Assessment is currently being conducted.
- One previously registered archaeological site (east of Goreway Drive) was identified as requiring Stage 3 Site Specific Archaeological Assessment.
- The remaining Stage 2 work and any required Stage 3 and Stage 4 work will be completed prior to construction.
- No previously registered burial sites located within 1 km of the study limits.

Cultural Heritage

- A Cultural Heritage Resource Assessment has been completed and eight Cultural Heritage Evaluation Reports are currently being prepared.
- Heritage Impact Assessment Reports will be prepared as required based on the results of the assessment.

Preferred Alignment Alternative

Segment A: West of Hurontario Street to East of Kennedy Road



DESCRIPTION

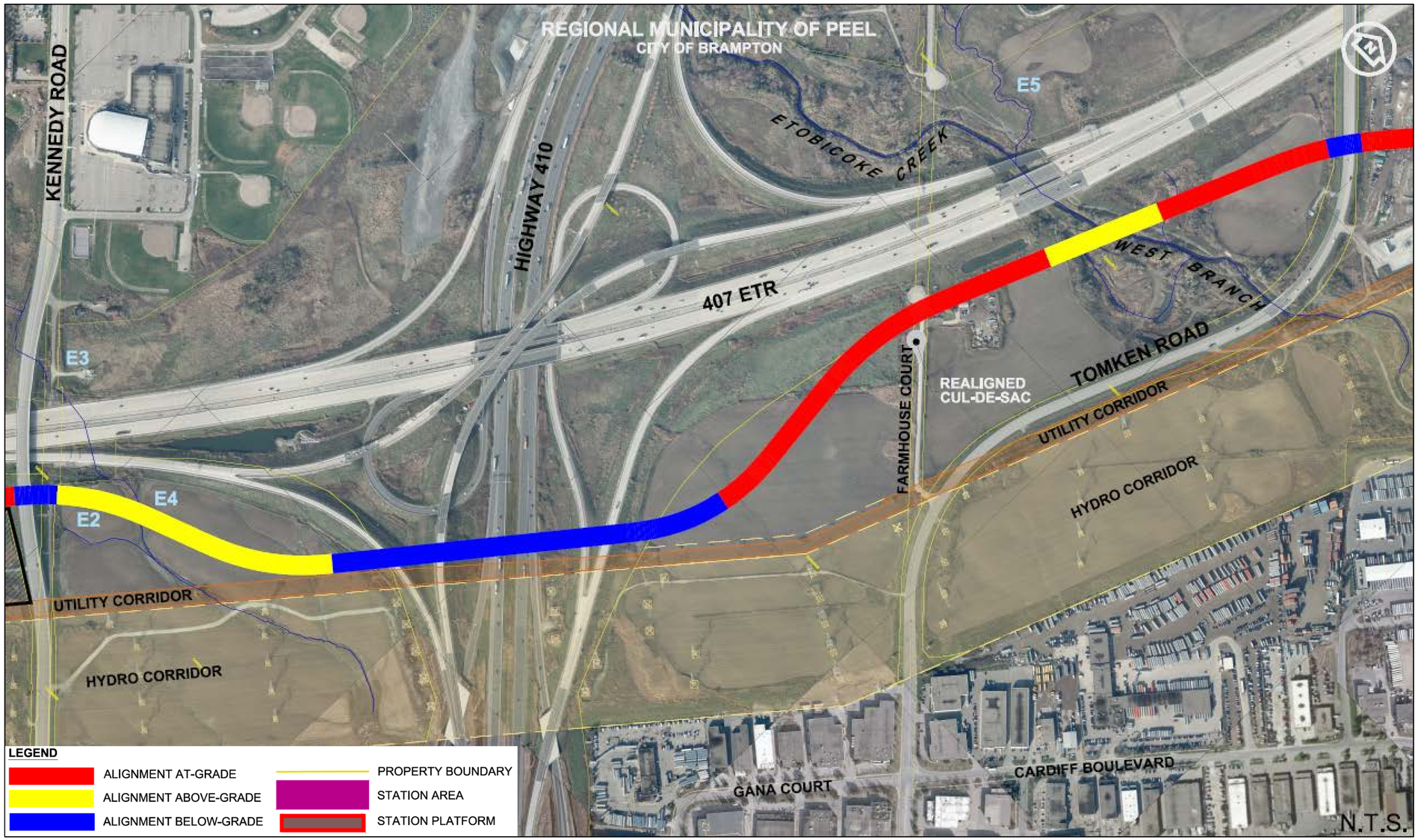
- Alignment provides optimum connection to HuLRT stop.
- No impact to current design of HuLRT facilities including mainline tracks, maintenance and storage yard, and maintenance road.
- Alignment crosses the Hydro Corridor not impacting Hydro One's tower/conductor requirements or electromagnetic restrictions.
- Alignment crosses under Hurontario Street and under Kennedy Road.

Preferred Station Alternative
Hurontario Street Station

- Optimum connection with HuLRT
- Access for all modes and active transportation from Hurontario Street and from Vicksburgh Drive
- 597 Parking Spaces
- 10 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 30 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment B: East of Kennedy Road to West of Tomken Road

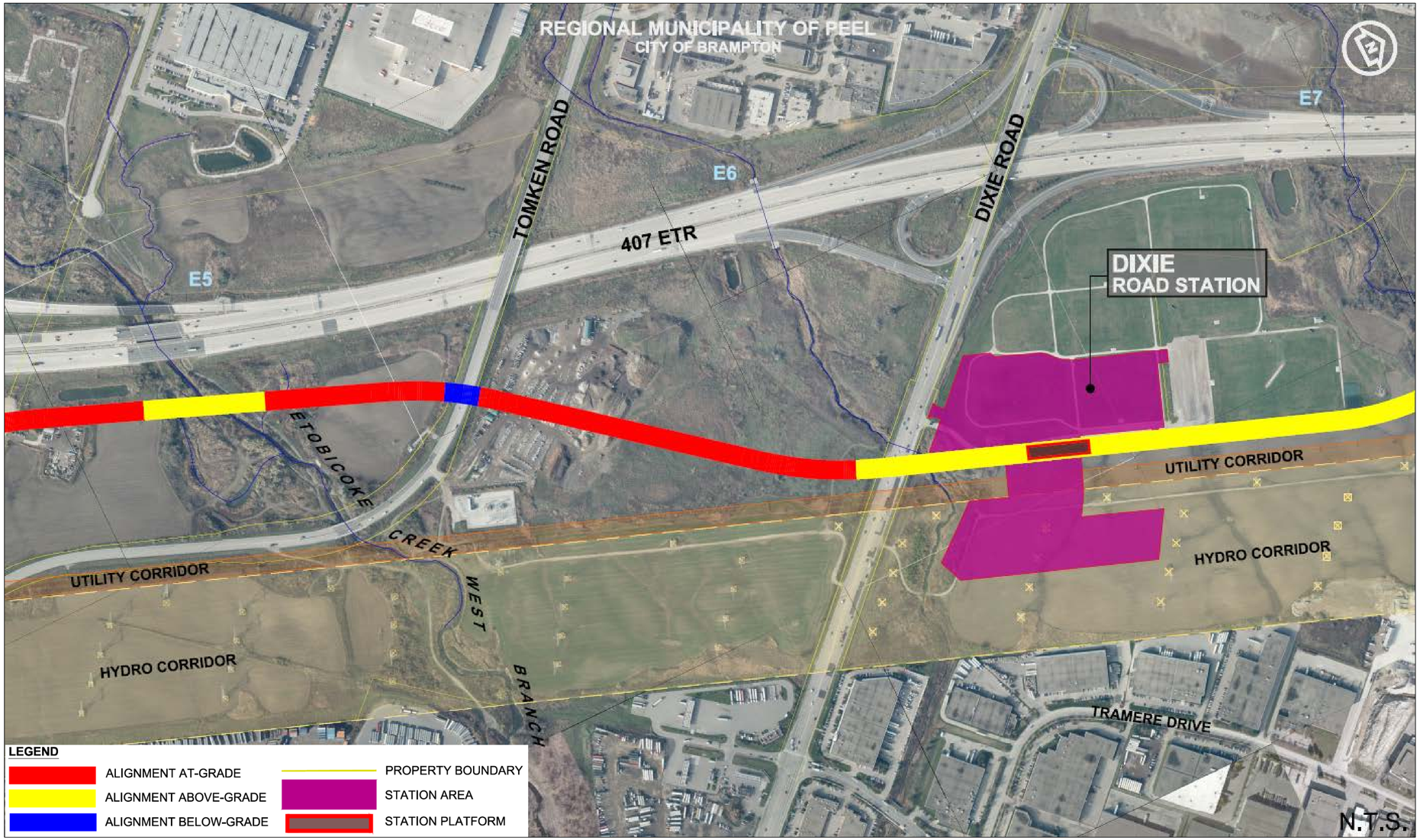


DESCRIPTION

- Alignment tunnels under Highway 410 Interchange.
- Existing cul-de sac at Farmhouse Court access will be re-aligned.

Preferred Alignment Alternative

Segment C.1: West of Tomken Road to East of Dixie Road

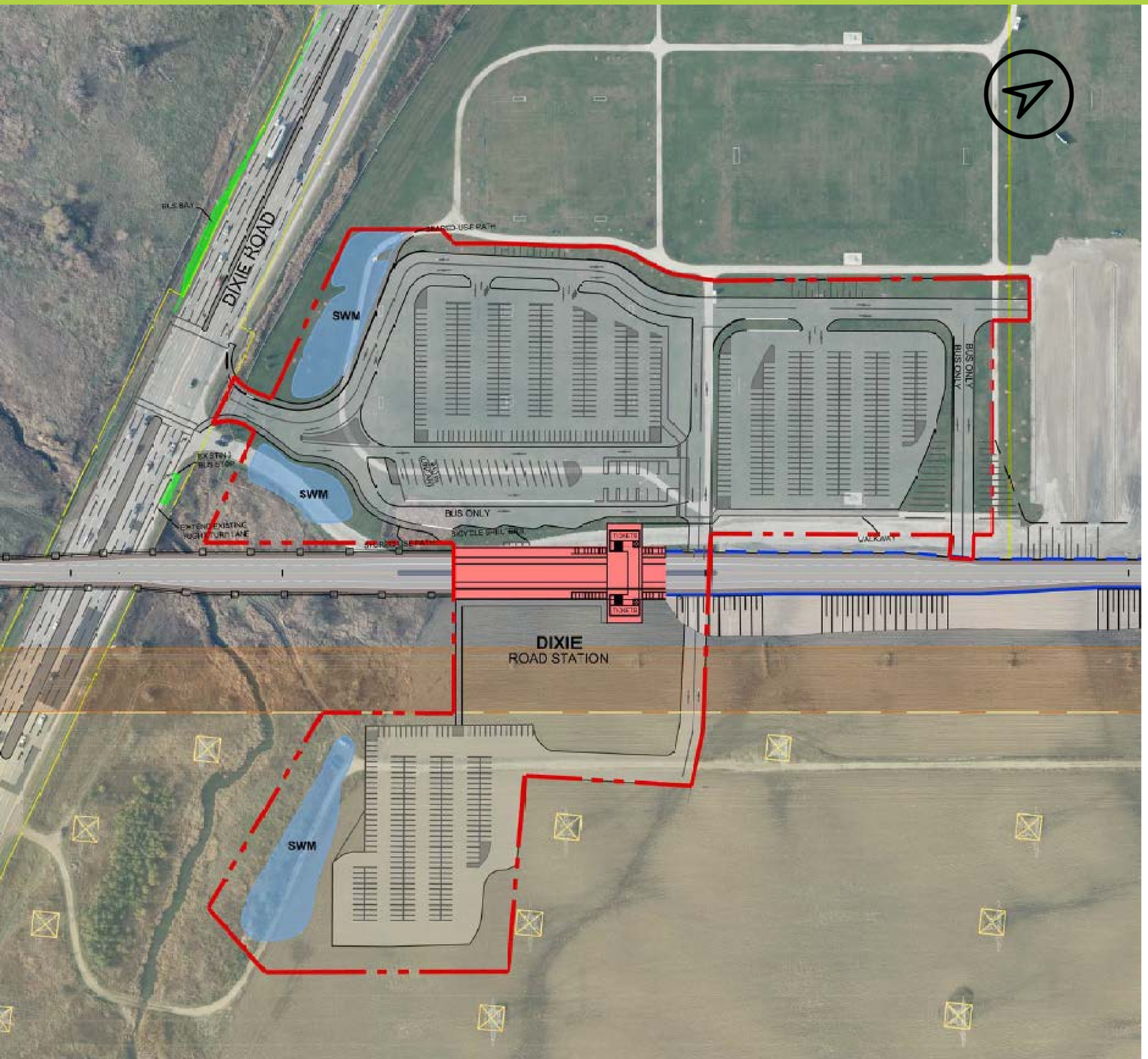


DESCRIPTION

- Alignment bridges over Etobicoke Creek West; crosses under Tomken Road; under Dixie Road, and traverses east between soccer fields and Utility Corridor.

Preferred Station Alternative

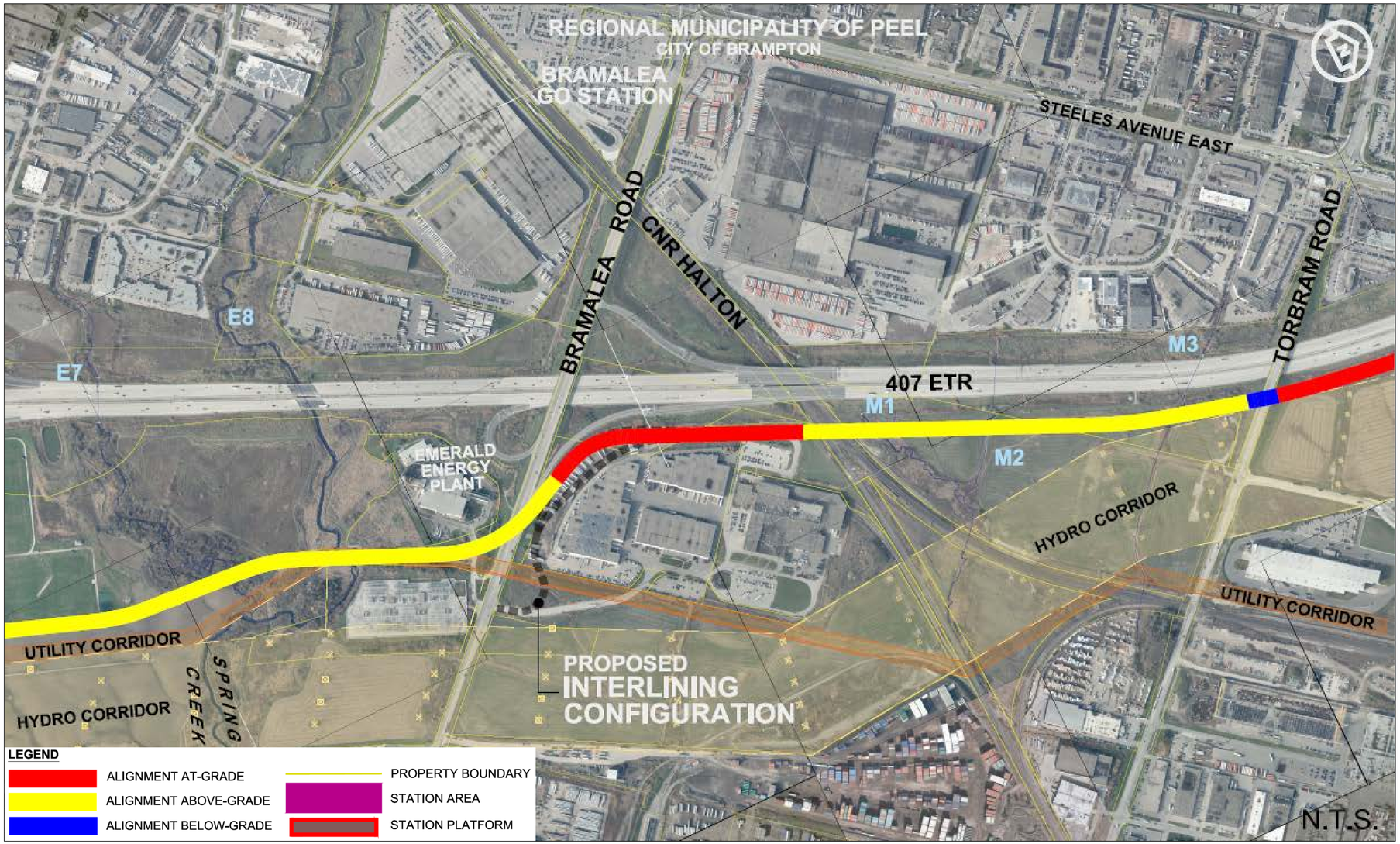
Dixie Road Station



- Connects with Brampton and Mississauga Transit Services
- Cricket fields not impacted. Soccer fields partially impacted
- Access for all modes and active transportation from Dixie Road
- 780 Parking Spaces
- 12 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 40 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment C.2: East of Dixie Road to East of Torbram Road

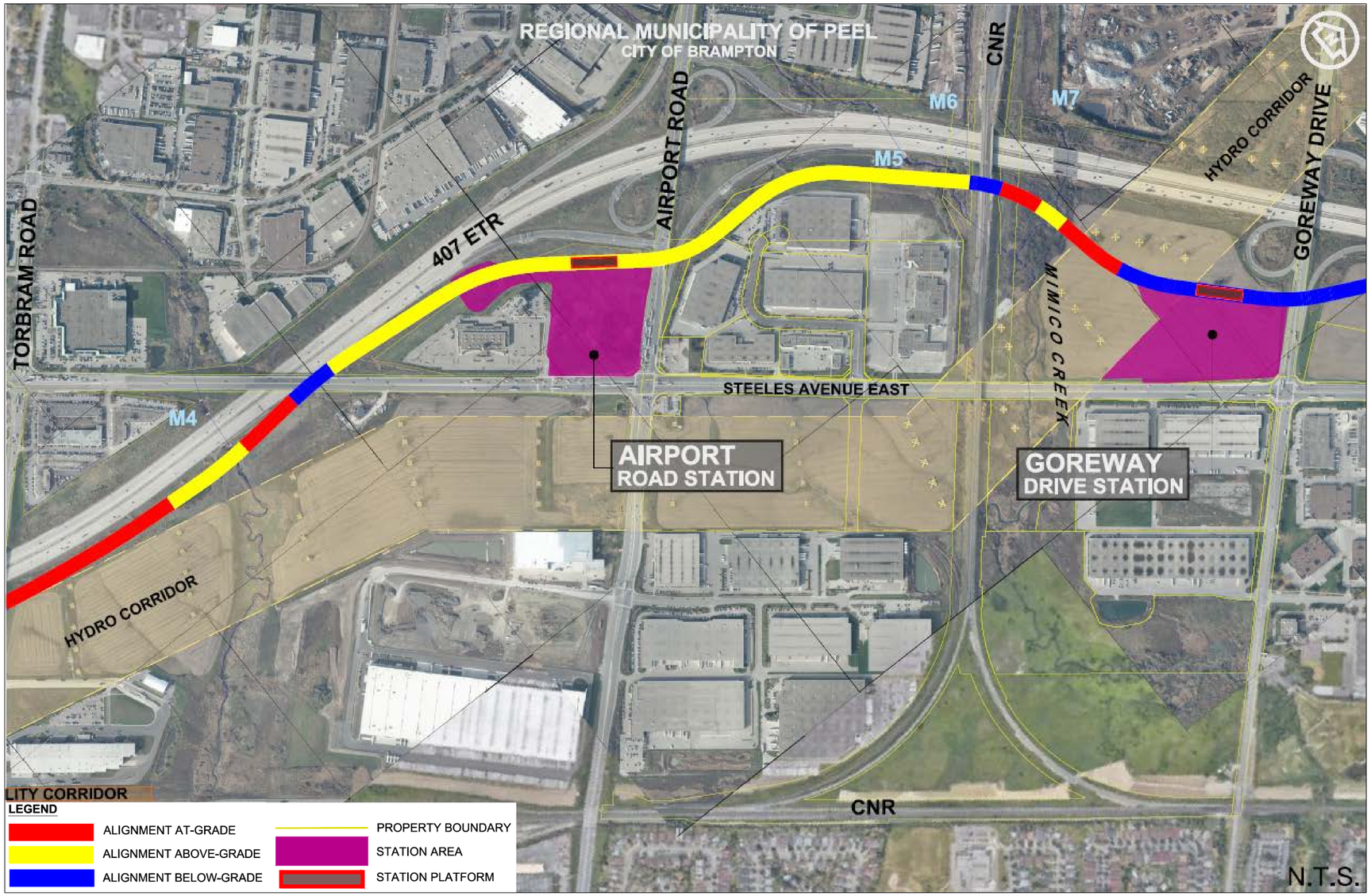


DESCRIPTION

- Alignment traverses south of the Emerald Energy Plant, bridges over Bramalea Road, the CN railway and 4 creeks, then crosses under Torbram Road.

Preferred Alignment Alternative

Segment D: East of Torbram Road to East of Goreway Drive

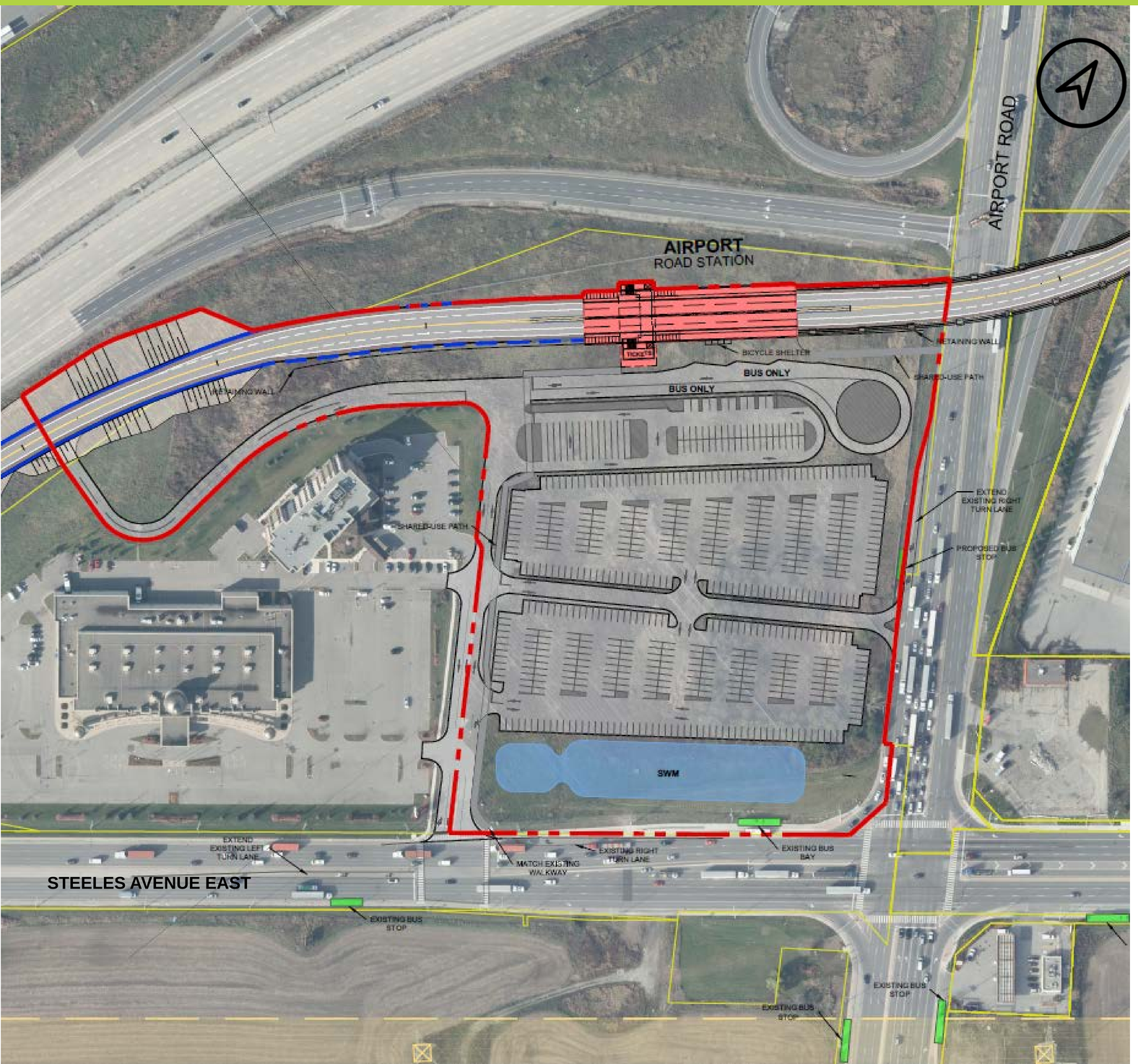


DESCRIPTION

- Alignment crosses under Steeles Avenue; over Airport Road; under the CN track and under Goreway Drive.
- Alignment crosses the Hydro Corridor not impacting Hydro One's tower/conductor requirements or their electromagnetic restrictions.

Preferred Station Alternative

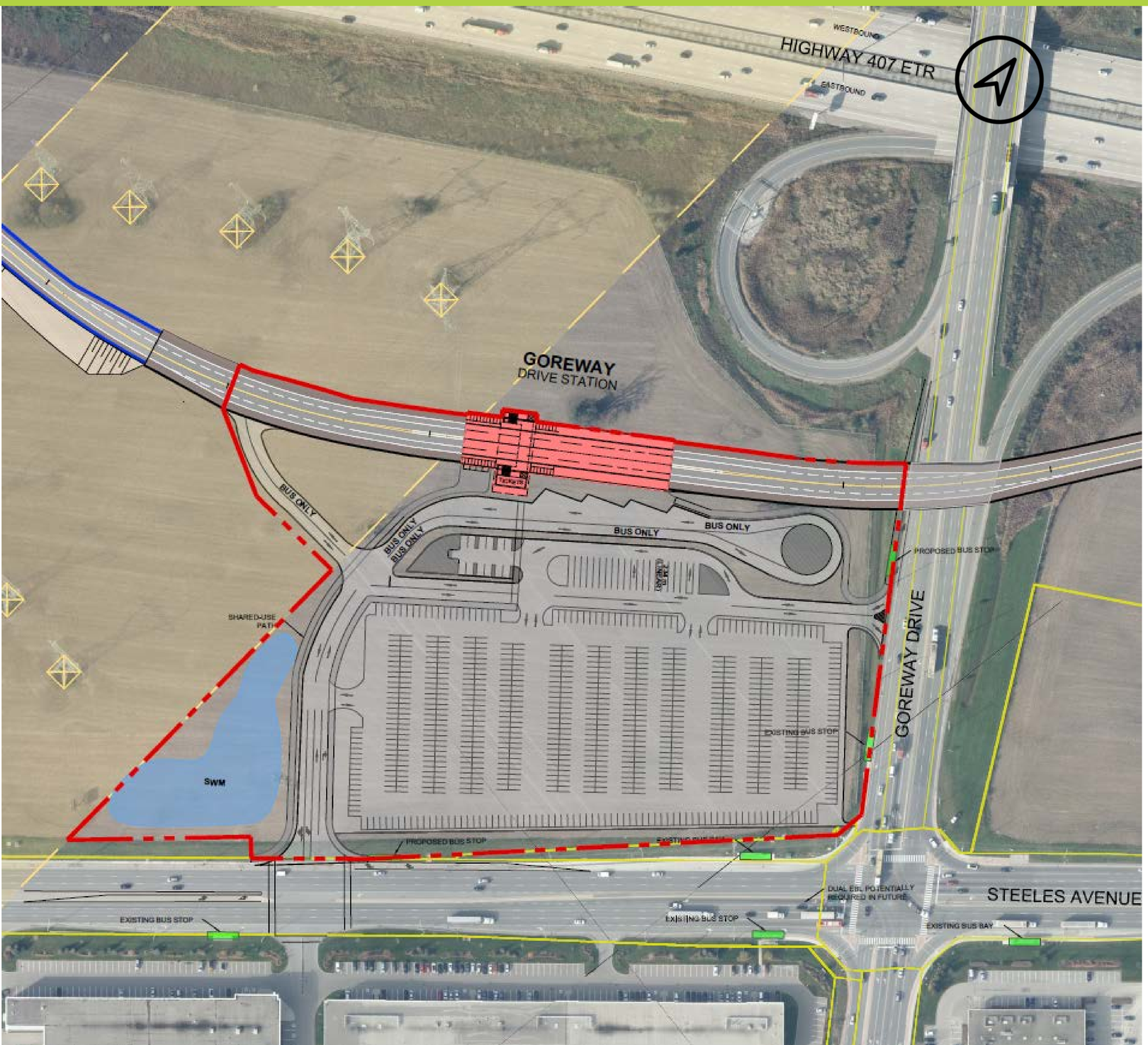
Airport Road Station



- Connects with Brampton and Mississauga Transit Services
- Access for all modes and active transportation from Airport Road and from Steeles Avenue
- 560 Parking Spaces
- 10 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 39 Spaces
- Bicycle Shelters

Preferred Station Alternative

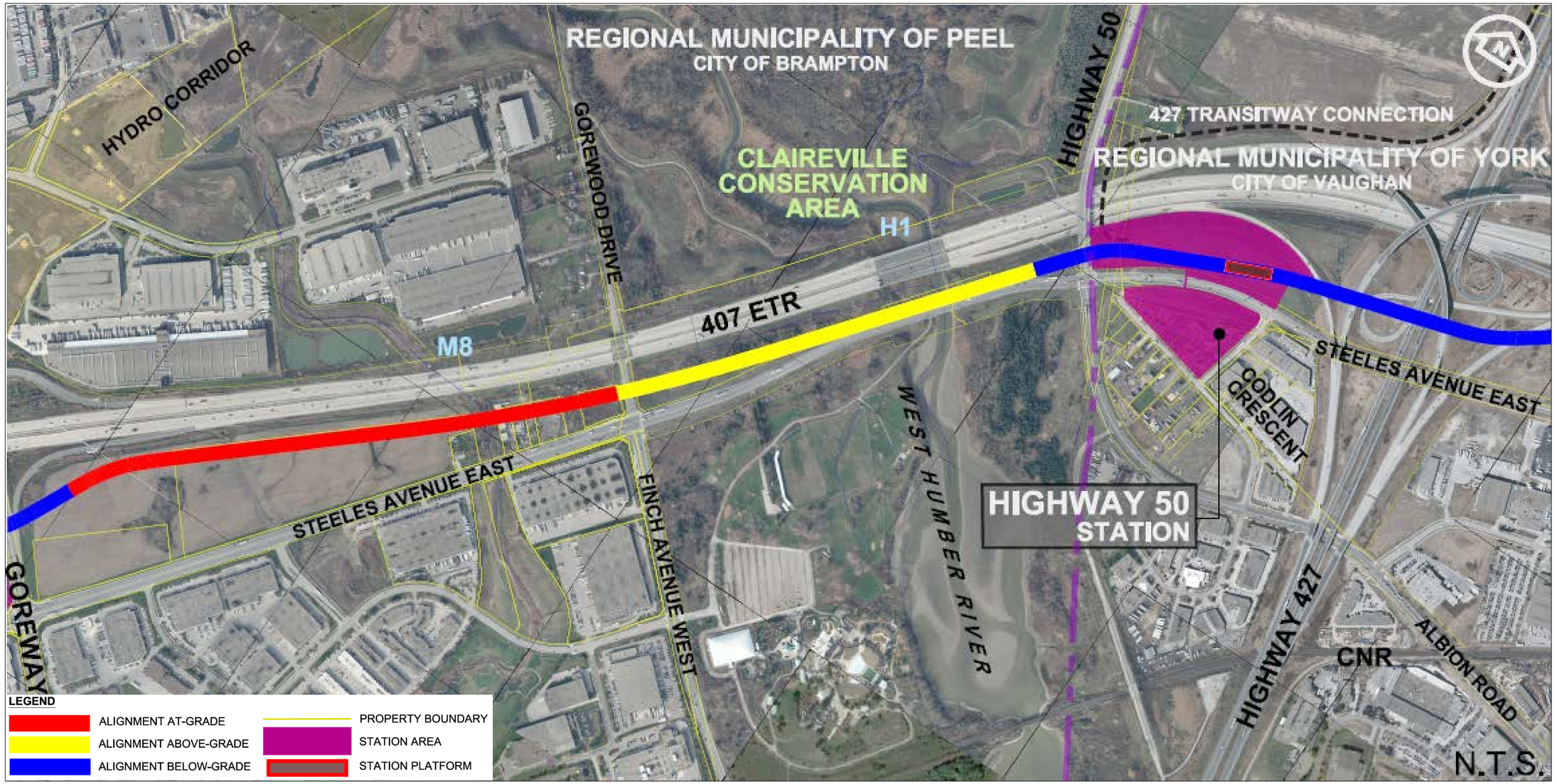
Goreway Drive Station



- Connects with Brampton and Mississauga Transit Services
- Access for all modes and active transportation from Goreway Drive Road and from Steeles Avenue
- 795 Parking Spaces
- 12 Accessible Parking Spaces
- 3 Bus Bays
- PPUDO 39 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

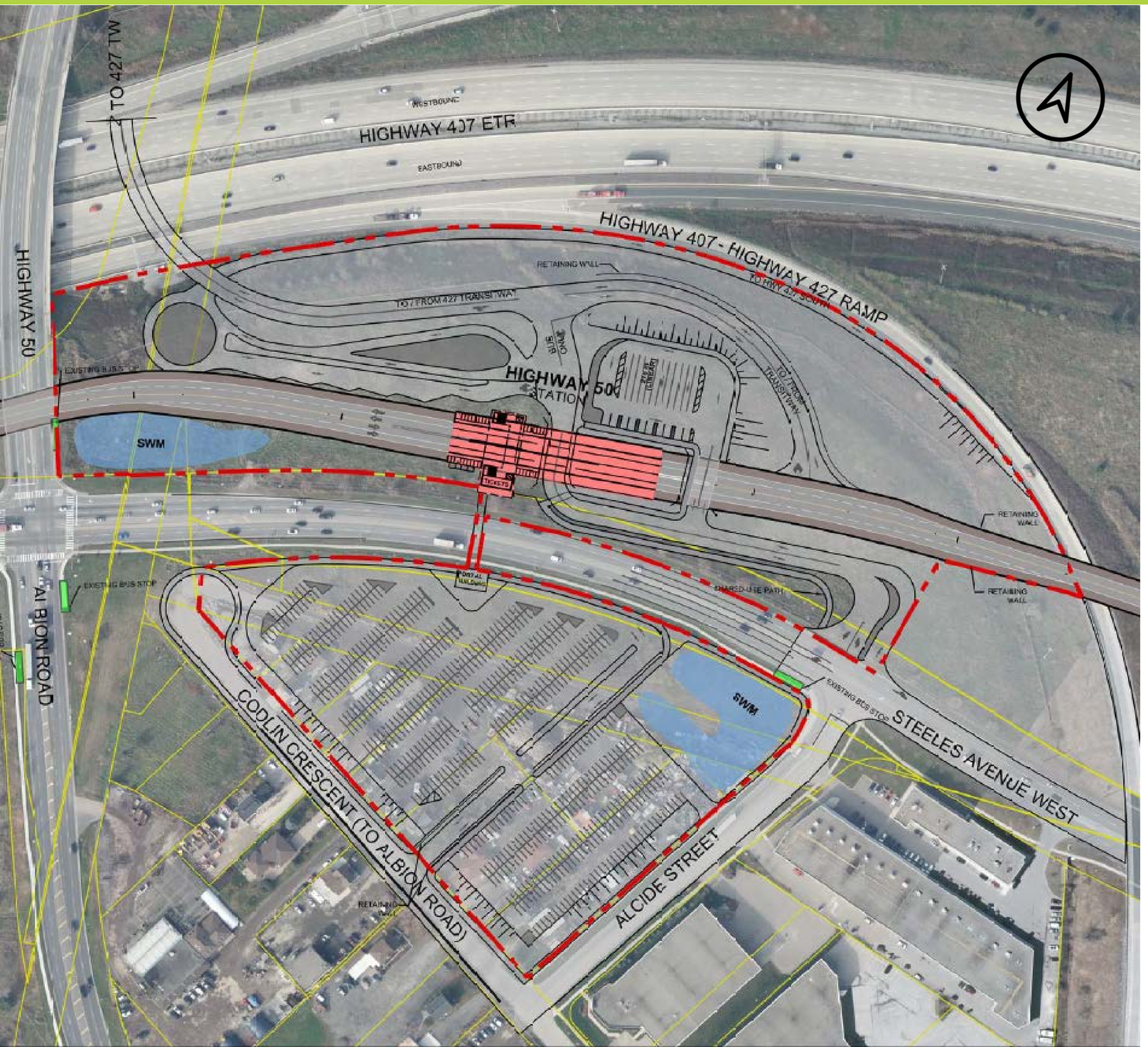
Segment E: East of Goreway Drive to East of Highway 427



DESCRIPTION

- East of Goreway Drive, the alignment is parallel to 407 ETR affecting some private properties, bridging over Gorewood Drive and tunneling under the Highway 427 Interchange.

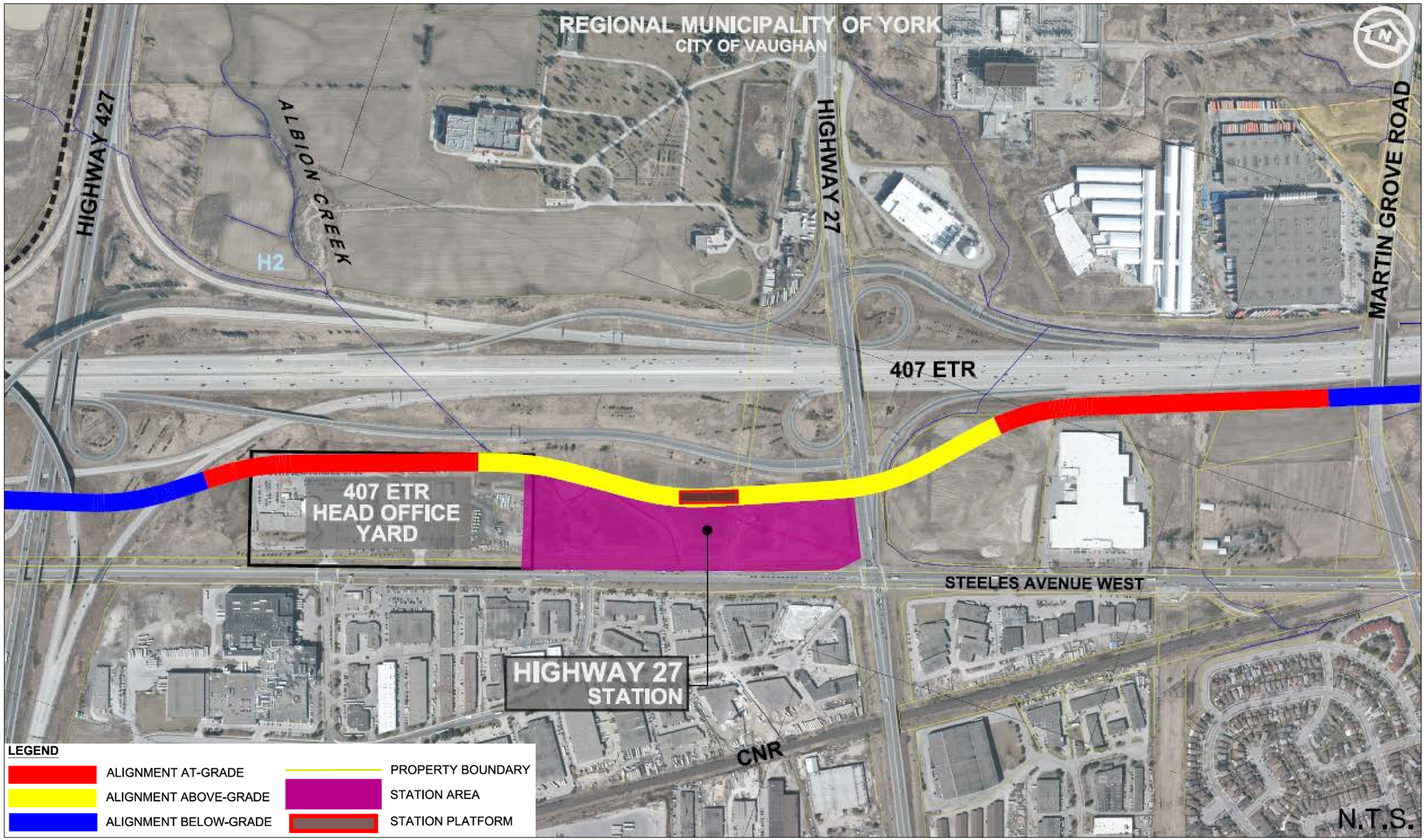
Preferred Station Alternative
Highway 50 Station



- Station integrated with Future 427 Transitway approved station site
- Connects to TTC, ZUM and Brampton transit services
- Access for all modes and active transportation from Steeles Avenue
- Connects to Highway 427 southbound ramp to allow transit to Pearson
- 645 Parking Spaces
- 10 Accessible Parking Spaces
- 5 Bus Bays
- PPUDO 36 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

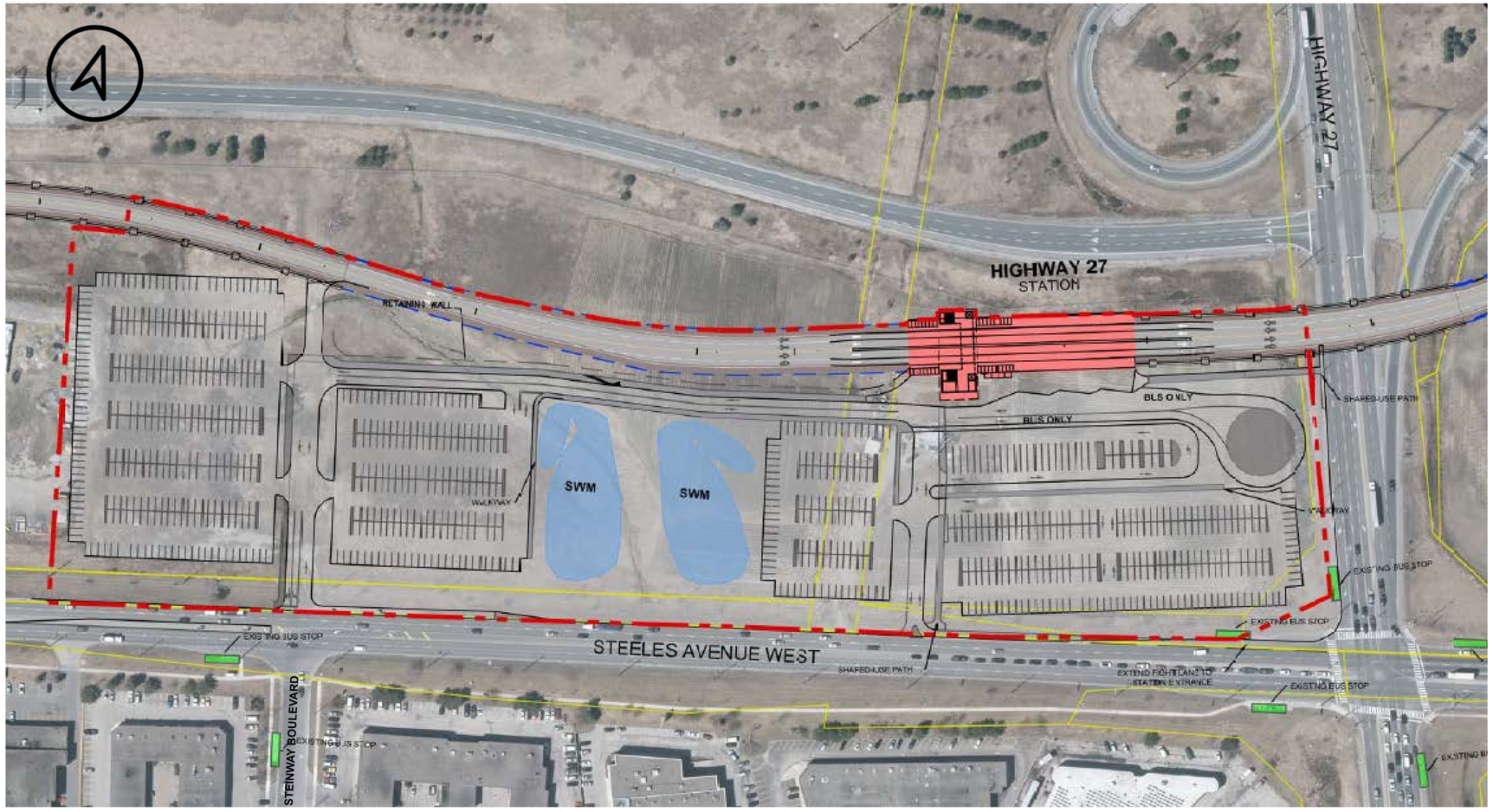
Segment F: East of Highway 427 to East of Martin Grove Road



DESCRIPTION

- Alignment is parallel to the ETR ramp to Highway 27, thorough the north side of the 407 ETR Head Office and Yard property.
- Alignment bridges over Highway 27 and crosses under Martin Grove Road.

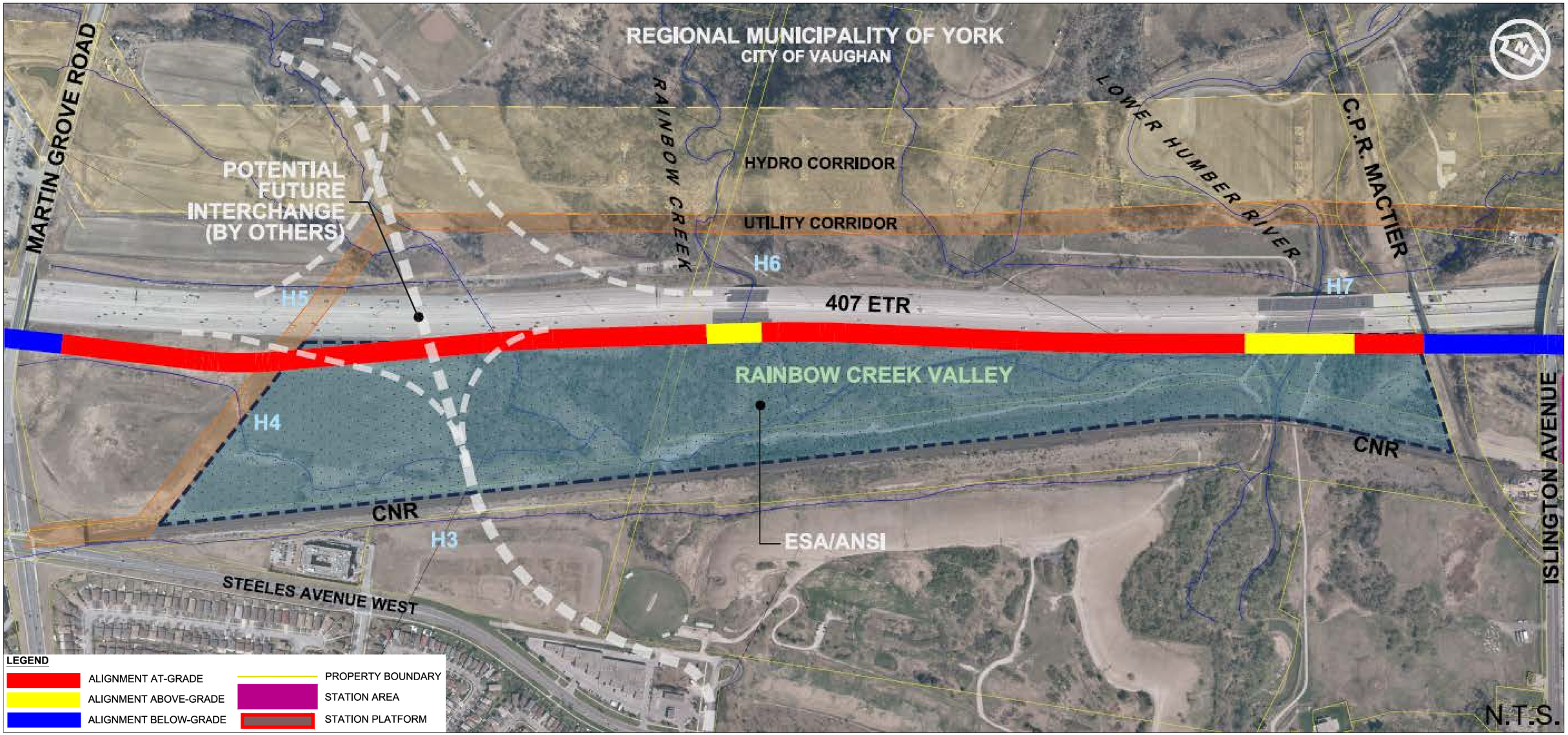
Preferred Station Alternative
Highway 27 Station



- Connects with YRT and TTC Transit Services
- Access for all modes and active transportation from Steeles Avenue
- 845 Parking Spaces
- 14 Accessible Parking Spaces
- 4 Bus Bays
- PPUDO 44 Spaces
- Bicycle Shelters

Preferred Alignment Alternative

Segment G: East of Martin Grove Road to West of Islington Avenue



DESCRIPTION

- Alignment traverses very close to 407 ETR to minimize impact on Rainbow Creek/Lower Humber River valleys.
- Alignment bridges over Rainbow Creek watercourses; crosses under CP track and under Islington Avenue.

Preferred Alignment Alternative

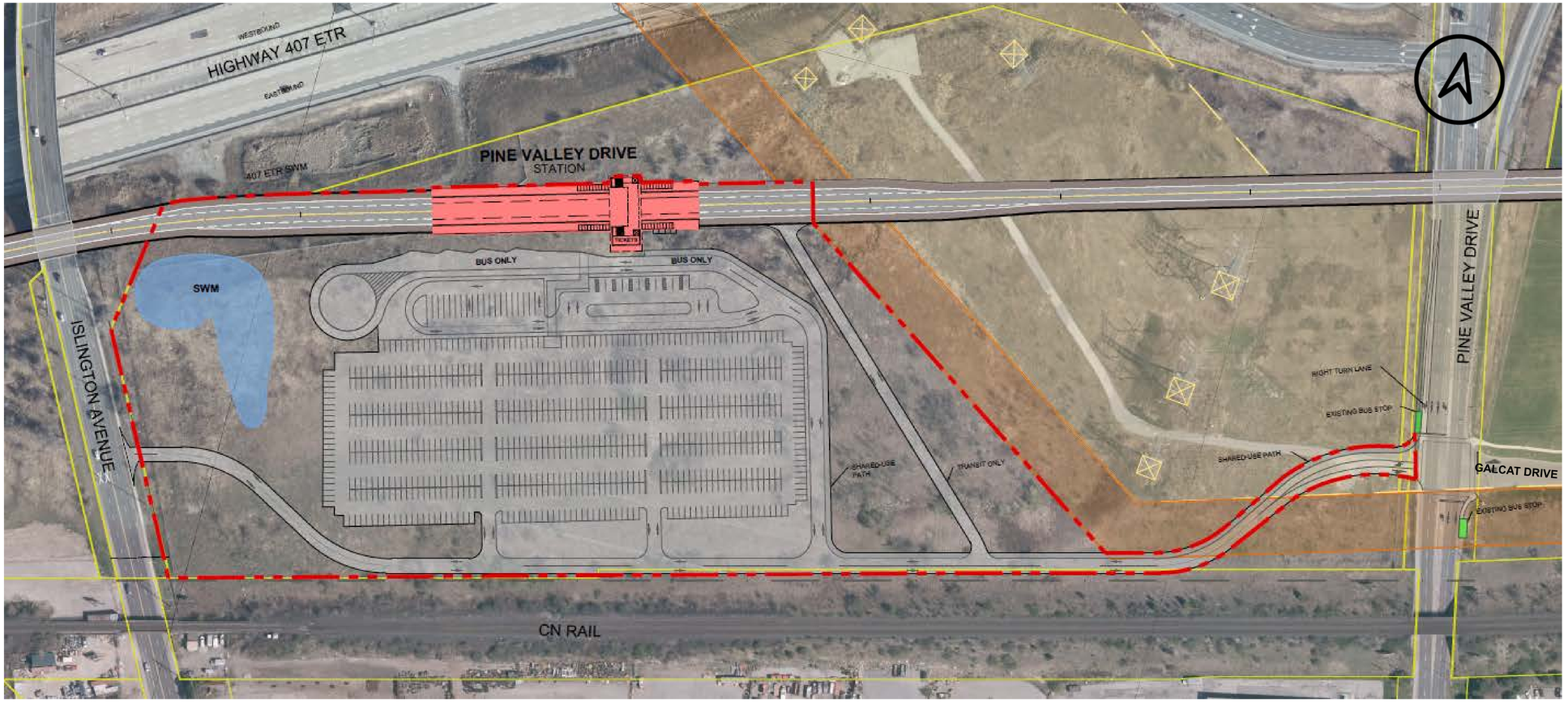
Segment H: West of Islington Avenue to East of Highway 400

DESCRIPTION

- Alignment is on a trench through the Pine Valle Drive Station.
- Alignment crosses under Pine Valley Drive.
- Alignment crosses the Hydro Corridor not impacting Hydro One's towers/conductor requirements or electromagnetic restrictions.
- Alignment traverses along south edge of the Hydro Corridor crossing under Weston Road and tunneling under Highway 400 Interchange.

Preferred Station Alternative

Pine Valley Drive Station



- Connects with YRT and TTC Transit Services
- Access for all modes and active transportation from Galcat/Pine Valley Drive. Secondary access (right in/out) from Islington Avenue.
- 760 Parking Spaces
- 12 Accessible Parking Spaces
- 4 Bus Bays
- PUDO 40 Spaces
- Bicycle Shelters

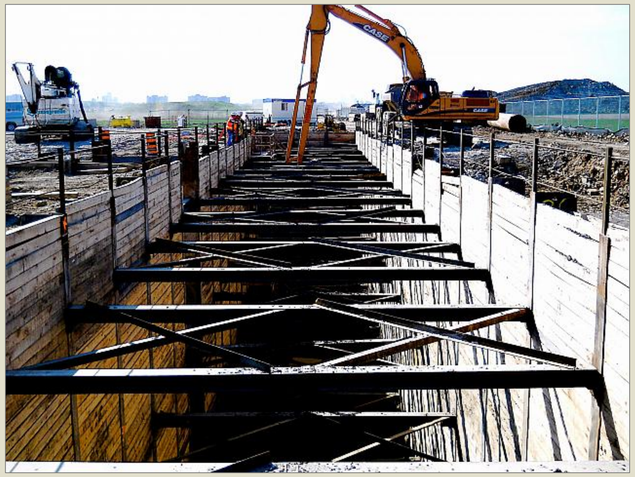
Potential Implementation Strategy

Factors: Project Funding, Demand, Congestion on 407 ETR.

1. Construct stations at key locations. ie: Hurontario Street; Airport Road; Highway 50; while buses operate on 407 ETR.

2. Construct runningway along future congested ETR segments ie: Pine Valley Road to Highway 400.

3. Construct remaining stations and runningway in response to ridership growth and traffic congestion.



EPR Contents

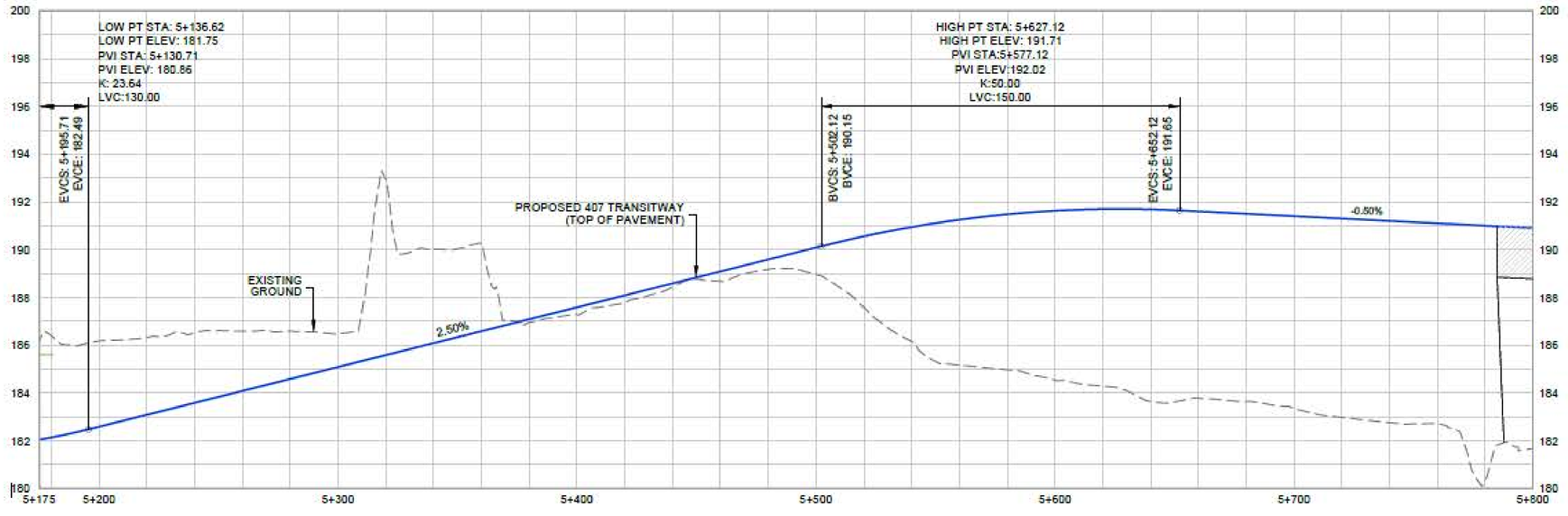
EPR Main Body Chapters

Ch. 1	Introduction
Ch. 2	Transportation Need and Travel Demand
Ch. 3	Existing and Future Conditions
Ch. 4	Identification of Alternatives and Evaluation Process
Ch. 5	Final Project Description
Ch. 6	Impact Assessment, Mitigation and Monitoring
Ch. 7	Implementation
Ch. 8	Consultation Process
Ch. 9	Climate Change Considerations
Ch. 10	Commitments to Future Action

EPR Appendices

A	Consultation Record
B	Traffic Reports
C	Drainage Report
D	Fish and Fish Habitat Report
E	Terrestrial Report
F	Heritage Impact Assessment Report
G	Cultural Heritage Resource Assessment
H	Cultural Heritage Evaluation Reports
I	Land Use Report
J	Air Quality Report
K	Noise Report
L	Landscape Design Report
M	Groundwater Report
N	Contamination Report
O	Stage 1 Archeaology
P	Stage 2 Archaeology
Q	Property Plates

Sample Alignment Plate in EPR Document



Ontario PARSONS IBI GROUP

SCALE

LEGEND

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 5+175.00 TO STA 5+800.00

DRAWING SET: PLAN and PROFILE

PLATE: 8

DATE: 08/24/2017

Next Steps

- Draft EPR Stakeholder Review: **December 15th, 2017**
- Draft EPR Stakeholder Comments Due: **January 24th, 2018**
- TPAP Initiation: **February 2018**

QUESTIONS?

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HIGHWAY 407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF PROJECT DRAFT ENVIRONMENTAL PROJECT REPORT PRESENTATION (TRG #2)

HELD ON: Date: Friday, December 8th, 2017
Time: 09:30 a.m. – 11:30 a.m.

HELD AT: 625 Cochrane Dr., Suite 500, Markham, ON, L6A 1T1, 5th Floor North/South Boardroom

ATTENDEES:

Project Team

Ministry of Transportation, Ontario
Graham DeRose (GDR), MTO Project Manager
Rina Kulathinal (RK), MTO Area Manager
Larry Sarris (LS), MTO Environmental Planner
Adrian Firmani (AF), MTO Transportation Planner

IBI Group
Scott Johnson (SJ), Systems Planning and Traffic Lead
Allan Ortlieb (AO), Transit and Road Planning

Parsons
John McGill (JM), Parsons Project Manager
Gus Garron (GG), Parsons Deputy Project Manager and Technical Manager
Holly Kerslake (HK), Project Coordinator
Robb Minnes (RM), Planning Advisor
Winnie Leung (WL), Alignment Engineer
Ragavan Thuraisinganath (RT), Project Designer

LGL
Liz Speller (LS), Environmental Lead

Technical Resource Group Attendees

Metrolinx
Michael Batt (MB)
Javier Mena Diep (JMD)

York Region Transit
William Choi (WC)

York Region
Mark Hanlon (MH)

CN Rail
Michael Vallins (MV)

City of Mississauga
Abdul Shaikh (AS) – Call
Matthew Williams (MW) – Call

TRCA
Suzanne Bevan (SB)
Sharon Lingertat (SL)

Hydro One
Rick Schatz (RS)

MTO
Frank Martins (FM)

Infrastructure Ontario
Ernest Abraham (EA)
Patrick Grace (PG)

407 ETR
Ray Bacquie (RB)
Jeff Booker (JB)
Dragan Mrkela (DM)

MOECC
Yves Dagssie (YD)

PURPOSE: Presentation of the Draft Environmental Project Report to Stakeholders

Item	Action
Material presented in the Meeting The 407 Transitway Hurontario Street to Highway 400 Project Team presented an update of the work completed since TRG #1 held on November 8th, 2016. The preferred station and alignment alternatives have been selected and the Draft Environmental Project Report (EPR) has been completed. The presentation contained 34 slides covering the following items: – Main Project Objectives – What is the 407 Transitway – Schedule & Process – Transit Project Assessment Process (TPAP) – Consultation Process –To Date – Evaluation Criteria – Preferred Alignment and Station Configuration – Updated Ridership Projections	

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- Field Investigations & Findings
- Preferred Alignment & Station Alternatives
- Potential Implementation Strategy
- EPR Contents
- Next steps

Discussion

- PG asked if the alignment and station locations are final. It was confirmed by project staff that the alignment and stations included in the EPR are the preferred alignment and station options being proposed.

- AS asked the project team how the connection between the future HuLRT and Hurontario 407 Transitway station platforms will work. GG explained that a surface connection between the two facilities is being proposed.

- A question was asked about how the existing Metrolinx park and ride facility at Hurontario Street will be impacted. RM noted that the park and ride facility services will be relocated to the new 407 Transitway Station facilities.

- RS noted that Hydro One has not yet given the go ahead on any of the proposed designs impacting its corridor. Hydro One is currently reviewing the proposed station and alignment options.

- SB from TRCA asked about a potential creek realignment location adjacent to Kennedy Road, just north of the future proposed HuLRT maintenance yard location. GDR and JM stated that Metrolinx and MTO are still in discussion regarding drainage in this area but are aware of the tributary and the need for a future connection/re-alignment.

- MV noted that CN has specific clearance requirements for structures crossing over or under its infrastructure. MV noted that 25 feet of sightline is required by CN. The Project Team explained that where the 407 Transitway crosses over the CN Georgetown Line, the proposed alignment provides 8.2 to 8.8 metres of vertical clearance (from 407 Transitway top of pavement) to the CN rail below and will be a 2 Span (60m-60 m) Slab-on-Steel Trapezoidal Box Girders with Semi-Integral Abutments structure. In the case where the 407 Transitway crosses under CN just west of Goreway, the structure will be a bored tunnel with 9 to 9.5 metres of clearance from the CN tracks (to 407 Transitway top of pavement).

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

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407 TRANSITWAY FROM WEST OF HURONTARIO STREET TO EAST OF HWY 400.
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF 407 TRANSITWAY CITY OF BRAMPTON DRAFT EPR COMMENTS

HELD ON: **Date:** Tuesday, February 27th, 2018
Time: 11:00 a.m. – 12:00 p.m.

HELD AT: City of Brampton – 1975 Williams Parkway, Operation Centre, Brampton, Bdrm WPOC Admin-2A

ATTENDEES:
Bishnu Parajuli (BP)
Chris Duyvestyn (CD)
Compton Bob (CB)
Ghaz Mohammad (GM)
Ken Dzogan (KD), Reality Services
Michelle Schiau (MS), Reality Services
Tamara Kwast (TK)
Teri Bommer (TB), Recreation
from the City of Brampton

Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LSA), MTO Environmental Planner
from Ministry of Transportation, Ontario

John McGill (JM), Project Manager
Gus Garron (GG), Project Manager (Technical)
Holly Kerslake (HK), Project Coordinator
Winnie Leung (WL), Project Engineer
Robb Minnes (RM), Project Planning Advisor
from Parsons

Liz Speller (LSP), Environmental Planner
from LGL Limited

PURPOSE: **Discussion of City of Brampton Draft EPR Comments.**

Discussion	Action
<u>Introduction</u> • GM introduced the meeting and noted that the intent was to discuss Brampton's comment regarding a potential station location at Kennedy Road. • GM noted that the City comments which are operational in nature like Traffic operations, Signals and Street lighting etc. may be discussed at later design stage of the project. • GM reminded everyone that a previous meeting held between the MTO 407 Transitway Team and City staff on November 16, 2017 to discuss a potential station location at Kennedy Road.	

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Discussion	Action
<u>City of Brampton, Powerade Centre Future Development Presentation</u> • CD presented the COB's Future Plans for the Powerade Centre located on the north-east corner of Kennedy Road and Highway 407 ETR. CD noted that the approximately 110 acres of land are currently owned by the COB and the entire area is "shovel ready" developable land. Additionally, CD noted that the golf course located on the west side of Kennedy Road could also be included in the future development area. CD stated that the intention for the redevelopment is to treat the area as a "Regional Destination Site". The current potential development plan sees the site as a potential location for the future Amazon site, which would include numerous high-rise office towers, a convention centre, a hotel, and green space. CD added that it is the intention for the site to be serviced by the surrounding highway network (Highway 410 and Highway 407 ETR) as well as transit opportunities. CD stated that currently this **project is at the pre-feasibility study stage**, with the next step including a feasibility study followed by an EA etc. CD added that this study/site redevelopment concept has yet to be presented to the public. • CD stated that the COB is interested in a 407 Transitway station being included at Kennedy Road to service the future site. CD added that COB would like to see lands protected at this location, in the event that a future station is needed, either through the recognition of a station or protected as environmental compensation in the EAP (which could later be used as a station through an amendment to the EA). CD added that it would be ideal to have the 407 Transitway alignment service the site directly with the addition of a station on the north side of Highway 407 ETR. • CD also indicated that the COB is looking at options to bring high-order transit across Steeles Avenue to service the proposed Amazon site from the north/east-west. RM asked if this is planned to be Bus Rapid Transit (BRT) or Light Rail Transit (LRT) serviced. CD stated that it is unknown at this time, however the preferred direction is likely LRT (long term) and potentially BRT as an interim service. CD added that more information will be available as the study progresses. • GDR stated that all lands south of the existing 407 ETR in the Kennedy Road area are Provincially owned and are being protected for 407 Transitway environmental compensation. GDR added that the EPR for this project will be modified to include a future potential 407 Transitway interlining opportunity at Kennedy Road which could service the future Amazon site. GDR explained that interlining is a direct bus-only connection/ramp which will come off of the 407 Transitway and connect directly to the site, allowing bus and/or shuttle services to come on/off the 407 Transitway at this location and connect into the Amazon (and surrounding) site. GG added that a similar interlining solution is proposed at Bramalea GO/City Centre. • RM noted that although this TPAP EPR is only seeking approval for BRT technology, the 407 Transitway alignment has been designed geometrically for potential future conversion to LRT. LS noted that this would require a future addendum to the current EPR being presented. • CD asked if service planning is defined in the EPR. GG noted that generalized service planning opportunities are discussed, however, detailed service	

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Discussion	Action
planning would occur in later stages of this project (pre-construction) since transportation and land-use plans could evolve and change between now and the time this project is implemented.	
<u>City of Brampton, Dixie Road Sports Fields</u>	
• MS thanked the 407 Transitway team for only affecting the COB leased lands. MS asked how the lease would work with Infrastructure Ontario (IO). RM noted that the final approved EPR Transitway plan would be provided to IO and the lease between IO and Brampton could be modified accordingly. GDR added that there is currently no timeline for the 407 Transitway project implementation but that could change at anytime.	
<u>General Draft EPR Comment Responses Discussion</u>	
• Parsons walked the COB through the remaining comment responses, which had been prepared in draft. HK explained that the responses will be formally sent to the COB for review and acceptance over the next week.	HK
• BP asked for further explanation on the Bramalea interlining shown in the EPR. GG explained that the ridership study conducted as part of this project did not indicate significant enough ridership to justify the negative factors of directly servicing the Bramalea GO station, such as high-cost of crossing Highway 407 ETR twice, alignment geometry challenges due to existing infrastructure and travel time penalties for a longer alignment, private property impacts etc. GG also added that the ridership study showed higher ridership demand from Bramalea City Centre, rather than the GO station, which is better captured through the interlining opportunity than a station. Interlining service would serve both the City Centre and the GO Station. RM added that numerous alternative scenarios were investigated and evaluated in the planning phase and presented in TRG #1.	
• GM asked if there is a discrepancy because Goreway Station, as the Draft EPR indicates, is conditionally carried forward in Stage 1 of the station evaluation. GG stated that the Goreway Station was conditionally carried forward during the initial station screening stage and incorporated in the detailed evaluation stage, based on ridership forecast results.	
• MS noted that the property boundary on the west side of the Emerald Energy (EE) facility between the COB and EE will be changing as a result of a land swap. MS noted she would provide the revised property boundary to the 407 Transitway Team to review any potential impacts.	MS
• GM noted that Henry Zbogar, COB Transportation Manager, has a new comment to add regarding Active Transportation facilities running in parallel to the future 407 Transitway. GDR noted that the 407 Transitway standard cross section is designed for rapid transit usage only and active transportation considerations are oinly being included at the station sites. BP asked if the land could be protected (additional right of way). GDR stated that this was not considered in the two previously completed and Minister approved 407 Transitway TPAPs (Highway 400 to Brock Road) and will not be included in this EPR. GG added that there is not sufficient room in some areas to accommodate additional right of way for an active transportation facility as some sections are already using a reduced right of way which does not include shoulders etc. RM offered that	HK

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Discussion	Action
active transportation facilities should be looked at in a network context and further that the City might want to consider active transportation in the Hydro One corridor, which runs parallel to the 407 corridor for its entire length, similar to the bike path that exists in the Finch Hydro corridor. HK noted that the COB comment will be added formally to the comment response table and responded to in the formal submission.	

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

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407 TRANSITWAY FROM WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF 407 ETR DRAFT EPR COMMENTS

HELD ON: **Date:** Thursday March 22nd, 2018
Time: 10:00 a.m. – 11:00 a.m.

HELD AT: 407 ETR Offices, 6300 Steeles Ave W, Woodbridge

ATTENDEES: Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LS), MTO Environmental Planner (Phone)
Slawomir Demianczuk (SD), MTO SHMO
from Ministry of Transportation, Ontario

Gus Garron (GG), Deputy Project Manager & Technical Lead
Holly Kerslake (HK), Project Coordinator
Winnie Leung (WL), Design Lead
Robb Minnes (RM), Project Planning Advisor
from Parsons

Ray Bacquie (RB)
Dragan Mrkela (DM)
Desmond Chan (DC)
from 407 ETR

PURPOSE: **Discussion of 407 ETR Draft EPR Comments.**

Discussion	Action
Comment "ETR-2" Humber Valley Area • RB explained that 407 ETR originally thought the Transitway alignment would be located adjacent to the existing CN Rail Tracks. GG explained that CN was not supportive of this alternative and therefore the Project Team was forced to select an alignment alternative adjacent to the existing 407 ETR. GG also added that given the environmental and drainage/floodplain constraints, and to avoid creek re-alignment in the Humber Valley/Rainbow Creek area, the Transitway alignment was placed as close as possible to the 407 ETR runningway. • RB explained that 407 ETR will need to better understand if there are any impacts to their pavement structures etc. given the proximity of the Transitway to the 407 ETR runningway. RB noted that 407 ETR will investigate any potential impacts. GG asked if 407 ETR infrastructure drawings could be shared with the Project Team. RB/DM said that ETR will share these drawings. • RB also asked what kind of barrier MTO is proposing between the two runningways, given their proximity. GG noted that a commitment can be added to the EPR stating that "the type of barrier will be discussed with 407 ETR in the pre-construction phase of the project etc...". RB noted that 407 ETR is agreeable to this approach.	407 ETR

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Potential Kipling Interchange	
• RB noted that 407 ETR is currently completing the 407 ETR Kipling Interchange Study, which is being conducted by Parsons (Road and Transit Group). He noted that 407 ETR is aware that the 407 Transitway alignment is proposed to run through this area and will impact the interchange study design alternatives. RB added that in the event that it is agreed that the interchange is not to be built, 407 ETR would discuss any required changes to the Concession Agreement with MTO. It was agreed to leave the Transitway alignment as it is currently shown in the EPR.	
• RB noted that an official statement from the MTO Transitway Team noting the alignment conflicts and why there are no alternatives to the Transitway alignment in this area, would be extremely beneficial to the Kipling Interchange study.	MTO
Gantry Conflict at Highway 27 Station	
• HK noted that the drawing is being revised and there is no longer a conflict with the 407 ETR gantry at the Highway 27 Station. HK stated that the revised drawing will be shared with 407 ETR once completed.	Parsons
Other Matters	
• Parsons asked if 407 ETR had any success finding foundation information of their existing structures in the section between Winston Churchill Boulevard and Hurontario Street. DM indicated that 407 ETR will further look into this.	407 ETR

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

EXTERNAL AGENCY COMMENTS AND RESPONSES

MP AND MPP CORRESPONDENCE

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Update contact information if necessary

Honourable Mario Sergio
M.P.P. York-West
Constituency Office
2300 Finch Avenue
Unit 38
North York, Ontario
M9M 2Y3

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by January 11, 2016:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

House of Commons
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Ottawa, Ontario
K1A 0A6
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F:(613) 992-0887

Hon. Peter Kent, P.C. MP - Thornhill
Member of Parliament for Thornhill

Constituency
7378 Yonge Street, Unit 41 B
Thornhill, Ontario
L4J 8J1
T: (905) 886-9911
F: (905) 886-5257

December 15, 2015

Mr. George Ivanoff, Senior Environmental Planner
LGL Limited
Environmental Research Associates
22 Fisher Street, P.O. Box 280
King City, ON L7B 1A6

Dear Mr. Ivanoff:

In response to your letter dated December 9, 2015, re: Ontario Ministry of Transportation (MTO) commencing the Planning Phase, Environmental Assessment , and Preliminary Design of the 407 Transit way from west of Hurontario Street to East of Highway 400 in the City of Vaughan.

As you have requested, I have indicated on your enclosed questionnaire that I have no concerns at this time but would like to updated reports on the study's progress.

I appreciate being included in your ongoing study of this project.

Regards

BY LGL LIMITED
DEC 21 2015
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CANADA

Hon. Peter Kent PC MP
Thornhill, ON

House of Commons |
Chambre des communes

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Honourable Peter Kent
M.P. Thornhill
Constituency Office
7378 Yonge Street
Suite 41B
Thornhill, Ontario
L4J 8J1

Update contact information if necessary

_____
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Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____
_____
_____
_____
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_____

Please return this completed form by January 11, 2016:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

From: Liz Speller
Sent: Tuesday, February 21, 2017 8:20 AM
To: 'Navdeep.Bains.C1@parl.gc.ca'
Cc: DeRose, Graham (MTO); 'Merriam, Sarah (MTO)'; Garron, Gus; 'Kerslake, Holly'; Liz Speller
Subject:FW: 407 - Public Information Centre #1 - Regrets

Good morning Neeraj,

Thank you for your email regarding the Public Information Centre for the 407 Transitway from west of Hurontario Street to east of Highway 400. Please see below, for your information, a link to the project website and the panels/information presented at the PIC.

http://www.407transitway.com/hurontarioTo400/consultation.html

We will ensure that the Minister remains informed as the project progresses.

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Navdeep.Bains.C1@parl.gc.ca [mailto:Navdeep.Bains.C1@parl.gc.ca]
Sent: Tuesday, December 06, 2016 12:58 PM
To: kingcity@lgl.com
Subject: 407 - Public Information Centre #1 - Regrets

Hi Grant,

On behalf of Minister Bains, I am writing to thank you for your generous invitation to the 407 - Public Information Centre #1 on December 6, 2016. Unfortunately, the Minister will be unable to attend due to a prior commitment and a heavily committed schedule.

Please accept his best wishes for the event, and keep us in mind for future events.

Kind regards,

Neeraj Bhalla
Constituency Office Manager
Office of Hon. Navdeep Bains, PC, MP
Office: 905.564.0228

REGION OF YORK

Liz Speller

From: George Ivanoff
Sent: October-30-15 9:59 AM
To: Mota, Steve
Cc: Liz Speller
Subject: RE: 407 Transitway west of Hwy 400

OK Steve. Look forward to working with you again.

George Ivanoff, BSc, M.L.A.
Senior Environmental Planner
LGL Limited environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario L7B 1A6
905-833-1244 Email: givanoff@lgl.com

From: Mota, Steve [mailto:Steve.Mota@york.ca]
Sent: October-30-15 9:21 AM
To: George Ivanoff <givanoff@lgl.ca>
Subject: 407 Transitway west of Hwy 400

Hi George,
I received your notice of commencement for the above noted EA. Please keep me on your mailing list and add me to the Technical Advisory Committee on behalf of York Region Transportation Services.
Regards.

Steve Mota, P.Eng. | Program Manager – Transportation Planning | Infrastructure Management and PMO Branch | Transportation Services

---

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O: 905-830-4444 ext. 75056 | Steve.Mota@york.ca | www.york.ca
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Liz Speller

From: May, Paul <Paul.May@york.ca>
Sent: November-10-15 1:51 PM
To: Munn, Amy
Cc: Garron, Gus; Mota, Steve; Hollinger, Stephen
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Amy,

Steve Mota will coordinate all York Region and YRRTC input into your study. I believe that Steve has already sent you certain information. Please coordinate any further input required into your study through him.

Thanks

Paul

Paul May
Chief Engineer

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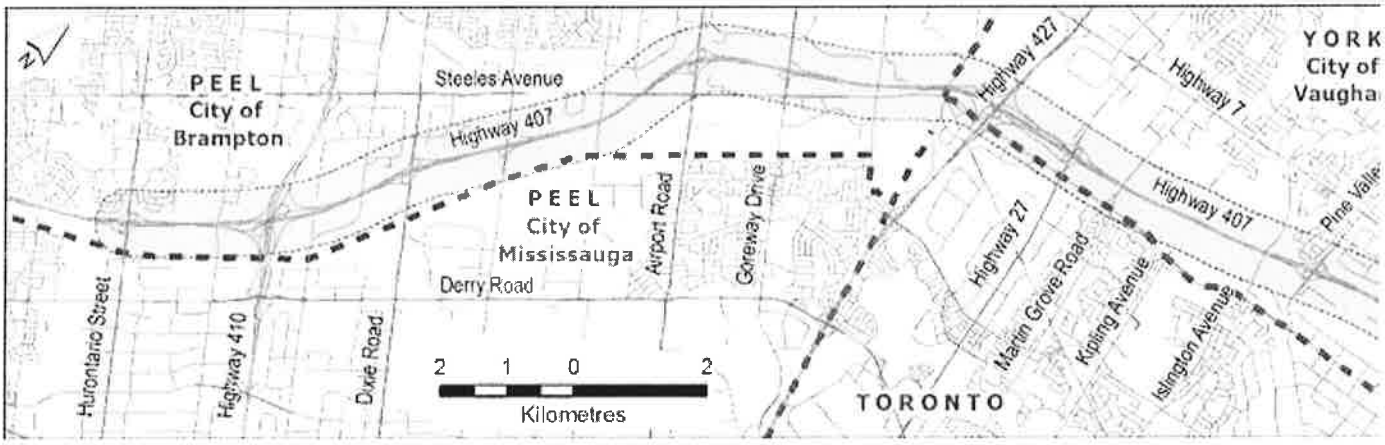
From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Tuesday, November 03, 2015 1:51 PM
To: May, Paul
Cc: 'Gus Garron'
Subject: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Mr. May

Further to our Notice of Study Commencement Letter sent on Tuesday October 27th, the Ontario Ministry of Transportation (MTO) is commencing the Environmental Assessment, and Preliminary Design of the 407 Transitway from West of Hurontario Street in the City of Brampton to East of Highway 400 in the City of Vaughan. The 407 Transitway will consist of a 23 km. two-lane, fully grade separated road on an exclusive right-of-way, running along the Highway 407 Corridor, and several station sites that will include parking, pick-up/drop-off, bus integration, and active transportation facilities. This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The project is currently in the data collection phase and the purpose of this letter is to request from your authority, any available information and data that may be relevant to the project. Your input with respect to constraints, opportunities, specific concerns, etc. will be most valuable to our project team throughout the study phases. The study area is illustrated in the map below. We have prepared the list shown below, of the data that we hope you will be able to provide; however, any other information that you consider relevant to the project will be most appreciated.

- Planned expansion
- Route plans
- Preference of on street vs. in station bus loops
- Station facility requirements
- Capacity requirements at each station



Key Plan of the Study Area

Please advise if you have any questions. Your support will be greatly appreciated.

Best Regards,

Amy Munn, PEng, BaSC
Project Engineer - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
amy.munn@parsons.com Office: 905.917.3221 – Mobile: 416.939.3054

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Liz Speller

From: Springate, Erica <Erica.Springate@york.ca>
Sent: Friday, December 18, 2015 1:57 PM
To: Amy Munn
Cc: Kawun, Adrian; Choi, William
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request
Attachments: Preliminary YRT Comments for 407 Transitway Hwy 400 to Hurontario.pdf

Hi Amy,

Sorry for the delay in returning comments to you. Please find our comments attached.

Please let me know if you have any questions.

Erica

Erica Springate | Service Planner
York Region Transit (YRT/Viva) | Transportation Services

The Regional Municipality of York | 50 High Tech, 5th Floor | Richmond Hill, ON L4B 4N7
O: 1-877-464-9675 ext. 75628 | erica.springate@york.ca | www.york.ca[york.ca]
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From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Tuesday, November 24, 2015 1:28 PM
To: Springate, Erica
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Erica,

The proposed station locations which will be confirmed during the planning process are as follows:

- Hurontario St (connection to Hurontario-Main LRT)
- Highway 410 (Tomken Rd/ Farmhouse Rd)
- Dixie Rd
- Torbram / Bramalea Rd
- Airport Rd
- Goreway Dr
- Highway 50 (connection to the Future 427 Gap project)
- Highway 27
- Martin Grove Rd
- Pine Valley / Islington Ave
- Weston Rd

We are in the process of updating the study schedule, however this EA and Preliminary Design project completion date will likely be in late 2017 / early 2018.

Please let me know if you have any other questions.

Thanks
Amy

From: Springate, Erica [mailto:Erica.Springate@york.ca]
Sent: Monday, November 23, 2015 12:42 PM
To: Amy Munn <Amy.Munn@parsons.com>
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Amy,

The information provided does not identify any station locations. Can you provide a list of potentiation station locations and a broad timeline for the project.

Thanks,
Erica

From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Tuesday, November 03, 2015 4:13 PM
To: Springate, Erica
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Erica,

We are hoping to receive feedback within the next 2 to 3 weeks. Please let me know if this will be possible or if you require any additional information to facilitate this.

Thanks!
Amy

From: Springate, Erica [mailto:Erica.Springate@york.ca]
Sent: Tuesday, November 03, 2015 4:10 PM
To: Amy.Munn@parsons.com
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Amy,

I'll be providing a response on behalf of Adrian Kawun from YRT. What date are you looking for comments by?

Thank you,

Erica Springate | Service Planner
York Region Transit (YRT/Viva) | Transportation Services

The Regional Municipality of York | 50 High Tech, 5th Floor | Richmond Hill, ON L4B 4N7
O: 1-877-464-9675 ext. 75628 | erica.springate@york.ca | www.york.ca[york.ca]
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Please consider the environment before printing this email.

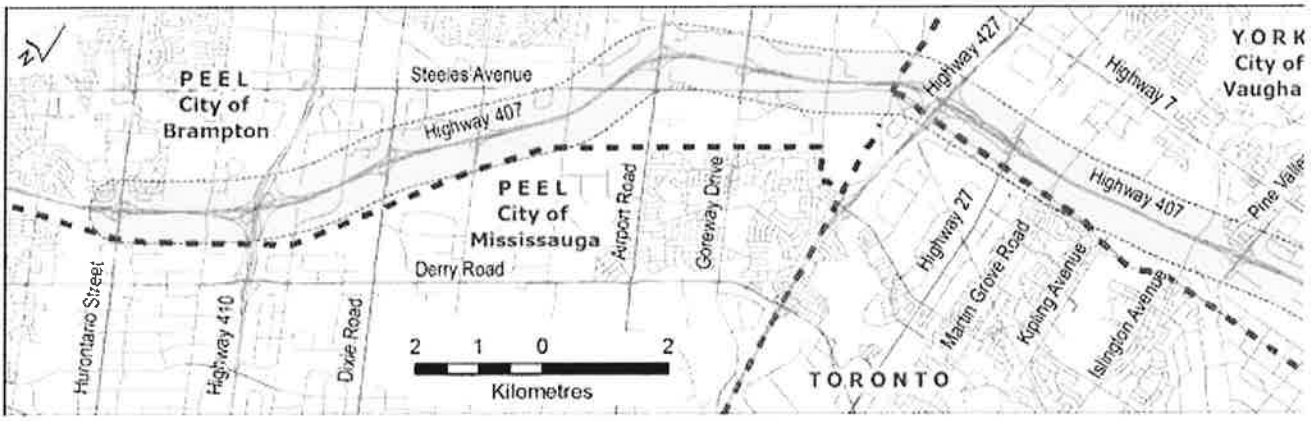
From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Tuesday, November 03, 2015 1:51 PM
To: Kawun, Adrian
Cc: Choi, William; 'Gus Garron'
Subject: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Mr. Kawun

Further to our Notice of Study Commencement Letter sent on Tuesday October 27th, the Ontario Ministry of Transportation (MTO) is commencing the Environmental Assessment, and Preliminary Design of the 407 Transitway from West of Hurontario Street in the City of Brampton to East of Highway 400 in the City of Vaughan. The 407 Transitway will consist of a 23 km. two-lane, fully grade separated road on an exclusive right-of-way, running along the Highway 407 Corridor, and several station sites that will include parking, pick-up/drop-off, bus integration, and active transportation facilities. This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The project is currently in the data collection phase and the purpose of this letter is to request from your authority, any available information and data that may be relevant to the project. Your input with respect to constraints, opportunities, specific concerns, etc. will be most valuable to our project team throughout the study phases. The study area is illustrated in the map below. We have prepared the list shown below, of the data that we hope you will be able to provide; however, any other information that you consider relevant to the project will be most appreciated.

- Planned expansion
- Route plans
- Preference of on street vs. in station bus loops
- Station facility requirements
- Capacity requirements at each station



Key Plan of the Study Area

Please advise if you have any questions. Your support will be greatly appreciated.

Best Regards,

Amy Munn, PEng, BaSC
Project Engineer - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
amy.munn@parsons.com Office: 905.917.3221 – Mobile: 416.939.3054

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York Region

December 15, 2015

Amy Munn,
Project Engineer - Rail & Transit Systems
Parsons Transportation Group
625 Cochrane Drive, Suite 500,
Markham, ON
L3R 9R9

Re: 407 Transitway – Hurontario Street to Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
Notice of Study Commencement – Data Request

YRT/Viva staff were requested to provide comments for the study commencement of the Planning, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. YRT/Viva will be providing comments on the study area that falls within the municipal boundaries of York Region.

Comments have been requested based on the following:

- Planned expansion
- Route plans
- Preference of on street vs. in station bus loops
- Station facility requirements
- Capacity requirements at each station

The proposed station locations within York Region, which are to be confirmed during the planning process, are as follows:

- Highway 50 (connection to the Future 427 Gap project)
- Highway 27
- Martin Grove Road
- Pine Valley Drive / Islington Ave
- Weston Road

The comments below are based on transit service standards, previous experience, and forecasts over the next 20 to 25 years. As the completion of the 407 Transitway is a long-range project, providing detailed comments for this exercise is a challenge. The estimates and understanding of the types of services provided are subject to change based on factors such as residential and employment development patterns and timing.

Future YRT/Viva Service along Highway 407

YRT/Viva service does not currently operate on the portion of Highway 407 between Highway 400 and the Regional boundary at Highway 50; however future service initiatives potentially include the provision of express service along Highway 407 between Highway 400 and Pine Valley Drive, and potentially as far west at Highway 27.

Currently Brampton Transit operates express service on Route 501A – Queen Street East on Highway 407 between Highway 427 and Keele Street.

Weston Rd Station

Current transit service on Weston Road past Highway 407 consists of Route 10 – Woodbridge, and TTC contracted Route 165 Weston Road North.

Planned expansion/Route plans

The current Spadina Subway extension will extend TTC subway service into the City of Vaughan (in late 2017). To better integrate with the subway, YRT/Viva developed a Spadina Subway Transit Strategy (SSTS). Under the SSTS, Route 10 – Woodbridge is expected to terminate at the VMC Station located at Highway 7. As such, this route is not expected to provide service to Highway 407 at the time of the Transitway opening.

TTC Route 165 – Weston Road North will be assumed by YRT/Viva at the time of the SSTS implementation, and will operate along Weston Road between Canada Drive and Steeles Avenue, with service continuing to the Pioneer Subway Station.

It is possible a local community route or shuttle may be implemented at the time of Transitway operation. This route will focus on customers in neighbourhoods looking to utilize the Transitway service where direct access on conventional transit is not available.

Preference of on street vs. in station bus loops

There is a preference for on-street stations for conventional service (northbound and southbound) along Weston Road to avoid additional travel time required to access the station.

The potential community route or shuttle service would provide in station service.

Station facility requirements

On-street stations are to include a bus-bay designed to accommodate independent arrival and departure of two conventional 40' buses.

The in station community route/shuttle service would require a bus bay that would accommodate a 40' conventional bus.

Capacity requirements at each station

As noted above, the on-street station stops should be designed with bus-bays that accommodate the

independent departure and arrival of two conventional buses. The current headway on Route 165-Weston Road is approximately 20 minutes during rush hours. At the time of the Transitway opening, headways are expected to be 15 minutes or better during rush hours. The on-street bays are required to accommodate a second bus for future growth of the system.

Potential frequency on the local community route/shuttle is dependent on ridership demand and frequency of service on the 407 Transitway.

Pine Valley / Islington Ave

Current transit service on Pine Valley Drive is provided by Route 12 – Pine Valley. This route operates on Pine Valley Drive from Chancellor Drive in the north and terminates at Steeles Avenue in the south.

Service on Islington Road is provided by Route 13 – Islington from Napa Valley Avenue to its terminating point at Steeles Avenue.

Planned expansion/Route plans

There are no current or future plans to alter either Route 12 – Pine Valley, or Route 13 – Islington.

It is possible a local community route or shuttle may be implemented at the time of Transitway operation. This route will focus on customers in neighbourhoods looking to utilize the Transitway service where direct access on conventional transit is not available.

Preference of on street vs. in station bus loops

There is a preference for on-street stations for conventional service (northbound and southbound) along Pine Valley Drive or Islington Avenue to avoid additional travel time required to access the station.

The potential community route or shuttle service would provide in station service.

Station facility requirements

On-street stations (northbound and southbound) are to consist of on-street bus bays designed to accommodate one conventional 40' bus.

Station stop designs are to accommodate one conventional 40' bus for the community route/shuttle service.

Capacity requirements at each station

As noted above, the on-street station stops should be designed with bus-bays that accommodate one 40' bus.

In station requirements include one bus-bay to accommodate a 40' bus.

Martin Grove Rd

Current service along Martin Grove Road is operated by Route 7 – Martin Grove from Woodbine Centre in Toronto to Rutherford Road in Vaughan.

Planned expansion/Route plans

There are no current or future plans to alter transit service on Martin Grove through the 407 area.

Preference of on street vs. in station bus loops

There is a preference for on-street stations for conventional service (northbound and southbound) to avoid additional travel time required to access the station.

Station facility requirements

On-street stations (northbound and southbound) are to consist of on-street bus bays designed to accommodate one conventional 40' bus.

Capacity requirements at each station

As noted above, the on-street station stops should be designed with bus-bays that accommodate one 40' bus.

Current frequency on Route 7 – Martin Grove is every 30 minutes during rush hour. At the time of the Transitway opening, headways are expected to be 15 minutes or better during rush hours.

Highway 27

Current service along Highway 27 is operated by Route 28 – Huntington from Zenway Boulevard to Steeles Avenue where service terminates.

Planned expansion/Route plans

Future service in the Highway 27 area includes the addition of a new route that would provide north-south service along Highway 27 in Vaughan.

Preference of on street vs. in station bus loops

Preference for on-street stations (northbound and southbound) for YRT/Viva service to avoid additional travel time required to access the station.

Station facility requirements

On-street stations (northbound and southbound) are to consist of on-street bus bays designed to accommodate independent departure and arrival of two conventional 40' buses.

Capacity requirements at each station

As noted above, two bus bays are required inside the station if TTC service is extended to the station.

Current frequency on Route 28 – Huntington is currently every 30 minutes during the rush hour. At the time of the Transitway opening, headways are expected to remain at 30 minutes during rush hours;

however should demand require, frequency may be adjusted to 10 to 15 minutes. The expected headway on the proposed Highway 27 route is dependent on ridership demand.

Highway 50 (connection to the Future 427 Gap project)

YRT/Viva service does not currently operate along Highway 50 or Highway 427 past Highway 407.

Planned expansion/Route plans

It is recognized that future transit demand in the area includes the potential to implement service travelling north-south along Highway 50 in Vaughan. This service could potentially terminate at the Highway 50 Transitway station.

There is also potential to extend current Route 77/77A – Highway 7 and/or Viva orange service into the planned Highway 50 station to facilitate integration with Brampton Transit and Mississauga Transit. Currently Route 77/77A service terminates at Highway 7 and The Gore Road.

Preference of on street vs. in station bus loops

Any future YRT/Viva service extended to Highway 50/Highway 407 would require bays within the station.

Station facility requirements

In station requirements include the need for two bus bays that would accommodate one 40' bus and one 60' bus.

Capacity requirements at each station

As noted above, two bus bays are required inside the station. Frequencies on potential future service running north-south on Highway 50 would be based on demand as development in the area increases. The current headway on Route 77/77A is fifteen minutes on the 77 branch and 30 minutes on the 77A branch during rush hour periods. It is anticipated that at the time of the Transit way opening, Route 77 service will provide 20 – 30 minute service frequency pending frequencies of alternative Viva orange service along Highway 7.

Conclusion

The comments above provide preliminary analysis of current and future service adjacent to the Highway 407 corridor in Vaughan.

It is further noted that:

- YRT/Viva Base or Rapid Transit routes will not deviate into the Transitway stations pending directness of route.
- Select Transitway stations will likely be better serviced by local community buses or shuttles that will service the catchment areas around the Transitway stations and provide direct connections with the Transitway and GO Transit services.

- In addition to the requirements for each station noted above, all stations within York Region are to accommodate in-station service for Mobility Plus vehicles and passenger pick-up/drop-off.

- YRT/Viva should be consulted on the design of Transitway stations, and on any future developments of the Transitway to ensure all possible transit options are explored to provide adequate service to each station.

Erica Springate
Service Planner, YRT/Viva

c.c. Adrian Kawun, Manager, Service Planning
William Choi, Program Manager, Service Planning

From: Mew, Natalie <Natalie.Mew@york.ca>
Sent: January 4, 2016 2:11 PM
To: George Ivanoff
Subject: 407 Transit Way Notice of Study Commencement

Natalie Mew | Administrative Assistant to Chief Planner, PED Committee Coordinator Planning & Economic Development, Corporate Services

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The Regional Municipality of York| 17250 Yonge Street | Newmarket, ON L3Y 6Z1
O: 905-830-4444 ext. 71508 | natalie.mew@york.ca | www.york.ca

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Update contact information if necessary

Ms. Valerie Shuttleworth
~~**Director, Long Range Planning**~~ Chief Planner
York Region
17250 Yonge Street
Newmarket, Ontario
L3Y 6Z1

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: maximolocates@york.ca
Sent: Friday, January 15, 2016 1:24 PM
To: alison.drainie@parsons.com
Subject: Locate Request LR2016037312-D Has Been Completed
Attachments: LR2016037312-D-York_LocatesWODetails_municipality.pdf

Attached is your completed locate request dated 15/01/16 10:42 AM, ticket no. LR2016037312-D. If you have any questions about this locate request, please contact Operations Maintenance and Monitoring branch at: 1-866-888-1517

Do not reply to this email.

Note: To better process a locate request, please include a sketch of your work area with all locate requests. Thank you.Â

At this time not all Municipalities andÂ Utilities are members of On1Call. You may be required to obtain additional locates from them directly.Â **Â**

Effective June 1st, 2014 â€œC-C YRK RGN WTR / W-WTRâ€ will no longer appear on ONTARIO ONE CALL Locate Request Confirmations when no infrastructure is present in the area. York Region is still part of ON1Call and â€œYRK RGN WTR / W-WTRâ€ will still appear if there is infrastructure in the area. If York Region does not appear on an ON1Call Locate Request Confirmation, there is no Region water/sewer infrastructure present.

If necessary, reply to Â

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: August-15-17 6:02 PM
To: 'Mota, Steve'
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Thomas, Laura; Joshua.wang@york.ca; Robb Minnes; Lawson, Sarah; Liz Speller
Subject: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hello Steve,

The EA and Preliminary Design of the 407 Transitway Section Hurontario Street to Highway 400 continues to progress. Obtaining specific municipal storm water information is essential for our drainage design team. We will much appreciate your assistance recommending the most practical and expedite way to obtain this information. We specifically are looking for plan and profile drawings of the storm sewer system at the following locations:

- **Islington Avenue** between Steeles Ave West & Hwy 7

Please feel free to give me a call (647-467-8379) if you have any questions or concerns. To help expedite this request, note that we are available to come to your office to obtain the information – assuming this is faster. Please advise.

Thank-you,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: August-16-17 10:58 AM
To: drawings@york.ca
Cc: Mota, Steve; Garron, Gus; DeRose, Graham (MTO)
Subject: 407 Transitway - Hurontario St. to Hwy 400 - Data Request, Utility Information

As part of the MTO Transitway EA and Preliminary Design of the 407 Transitway Project (Hurontario Street to Highway 400 Section), I am looking for plan and profile drawings of the storm sewer system at the following location:

- **Islington Avenue** between Steeles Ave West & Hwy 7

Please feel free to give me a call (647-467-8379) if you have any questions or concerns. My contact information is noted below.

Holly Kerslake
Parsons Inc.
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Cell : +1 647.467.8379

Thank-you,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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From:	Mota, Steve
To:	He, Mike; Drawings
Cc:	Morales, Richard; Zaporzan, Justin; Kerslake, Holly; Garron, Gus
Subject:	RE: 407 TWY - Request for Municipal Sewer Information
Date:	October-30-17 10:47:53 AM
Attachments:	image002.jpg image003.png

I'll leave it to the folks that look after the Region's drawing database to follow-up on your storm sewer request.
On a separate note, I noticed a 900 diameter water main along Islington. You should follow-up on this as well.
Regards.
Steve

From: He, Mike [mailto:Mike.He@parsons.com]
Sent: Wednesday, October 25, 2017 10:04 AM
To: Drawings; Mota, Steve
Cc: Morales, Richard; Zaporzan, Justin; Kerslake, Holly; Garron, Gus
Subject: 407 TWY - Request for Municipal Sewer Information

Good morning All,

My name is Mike He from Parsons, and I am working on the EA and preliminary Design of 407 Transitway project with MTO. Our drainage design requires municipal storm information to assess the feasibility of discharging drainage to municipal infrastructure.

We are specifically looking for plan and profile drawings of storm sewer system at the following location:

- Islington Avenue between Hwy 407 & Steeles Ave W

I have provided the screenshot below that shows the location where information is required enclosed in red.

Please advise on the best way for us to obtain this information and support expediting this request.

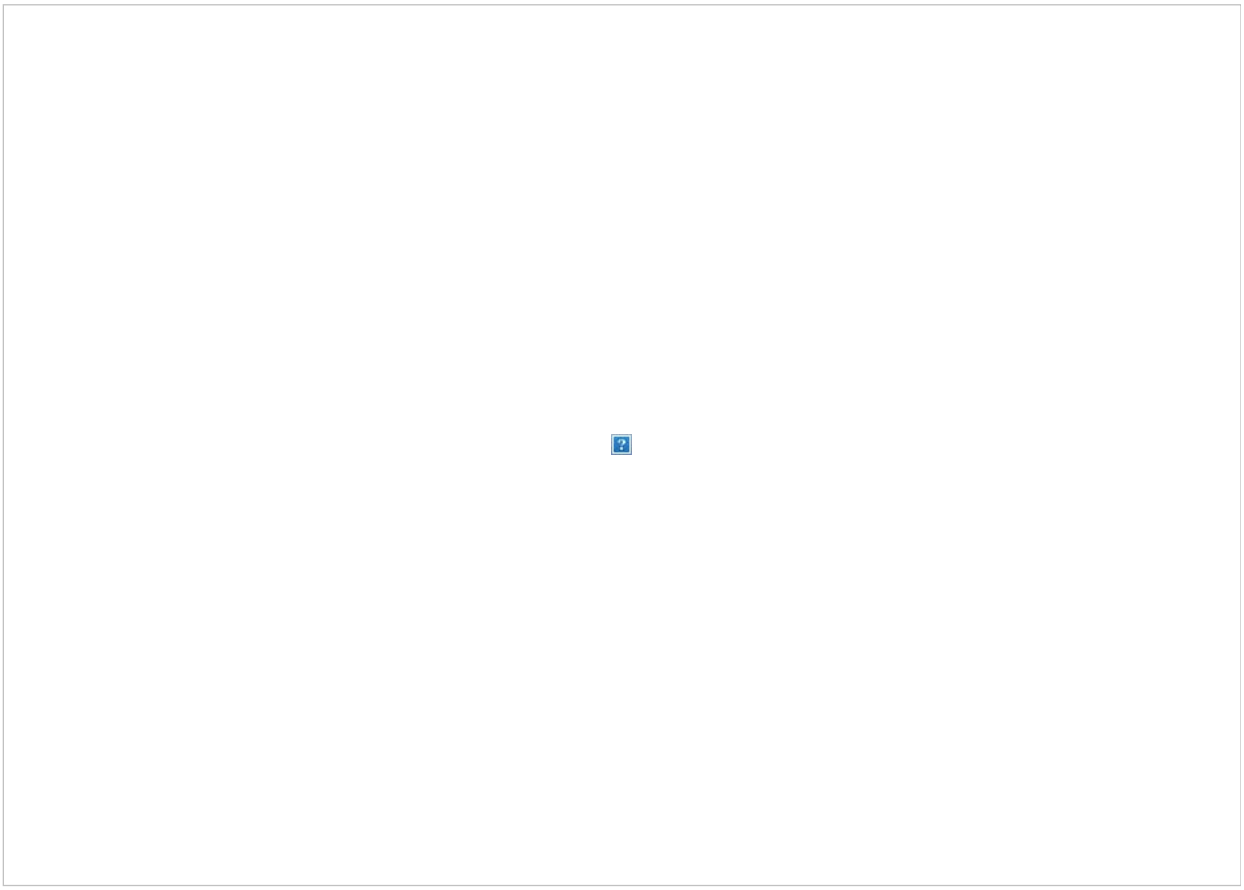

Figure 1 - Information Required Along Islington Ave

Best Regards,

Mike He, EIT. M.Eng.
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
Mike.He@parsons.com - P: +1 905.917.3290 M: +1 519.694.8528
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www.parsons.com | LinkedIn | Twitter | Facebook

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: January-23-18 11:49 AM
To: Mota, Steve; Garron, Gus
Cc: Wang, Joshua; Crawford, Lauren; Choi, William; Liz Speller; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR comments

Hi Steve,

Thank-you for taking the time to review through the Draft EPR material and providing your comments below. All comments will be responded to and addressed in the Final EPR document.

Please give me a call if you have any additional questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Mota, Steve [mailto:Steve.Mota@york.ca]
Sent: Tuesday, January 23, 2018 7:27 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>
Cc: Wang, Joshua <Joshua.Wang@york.ca>; Crawford, Lauren <Lauren.Crawford@york.ca>; Choi, William <William.Choi@york.ca>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR comments

Hi Holly and Gus,
Thank you for providing York Region Transportation Services with an opportunity to comment on the draft EPR for the 407 Transitway from Hurontario Street to Highway 400. Below are our comments that we wish to include in the final EPR, and to carry forward to the future design stage. Please consult York Region during detailed design and station site plan development. Our areas of interest include but are not limited to ensuring convenient transfer for transit customers, walking/cycling accessibility to the transitway stations, review and approval of vehicular access to/from Regional roads, and permits or other approvals for any work within York Region's jurisdiction.

Transportation Services comments at this time include the following:

Highway 50 Station

- Vehicular access to the station is proposed from Steeles Avenue. Since Steeles Avenue is under the jurisdiction of the City of Toronto, the proposed station access will require approval from Toronto.
- There are existing bus stops at the Hwy 50/Steeles Avenue intersection. A sidewalk or multi-use path should be included along the north side of Steeles to provide access between the Hwy 50 transit stops and the 407 Transitway Station, in the event that some local transit services do not enter the 407 Transitway station site.

Highway 27 Station

- Vehicular access to the station is proposed from Steeles Avenue which will require approval from Toronto.
- There are existing bus stops at the Hwy 27/Steeles intersection. A sidewalk or multi-use path should be constructed along the north side of Steeles Avenue and along the west side of Highway 27 to provide access between the transit stops and the 407 Transitway Station, in the event that some local transit services do not enter the 407 Transitway station site.

Pine Valley Station

- Two accesses to the station are proposed: a signalized access on Pine Valley Drive, and a right-in/right-out access on Islington Avenue. Pine Valley Drive and Islington Avenue are under the jurisdiction of York Region. The proposed station accesses will require York Region approval.
- The Pine Valley Drive access is located opposite the existing signalized Galcot Drive intersection. Staff have no objection in principal to the access location. Detailed requirements for any modifications to the traffic signals, construction of a right-turn lane, extension of the existing left-turn lane storage, improvements to pedestrian and cycling access, or other improvements required for the Pine Valley Station will be determined during detailed site plan development.
- While a full-moves signalized access was considered on Islington Avenue, the draft EPR indicates that there is limited space available to widen the roadway given the bridge over Highway 407 to the north and the CN/CP railway overpass to the south, and further that the required auxiliary lanes for a signalized access cannot be accommodated within the available right-of-way. Therefore, the draft EPR proposes a right-in/right-out access to Islington Avenue. York Region does not support the proposed right-in/right-out access to Islington Avenue. Construction of a centre median is not practical at this location, and therefore, left turns cannot be reasonably controlled. Access to Islington Avenue may be reconsidered during the site plan development stage if an acceptable access design can be achieved. An emergency vehicle only access from Islington Avenue may also be an option.

If you have any questions, please contact me.
Best regards.

Steve Mota, P.Eng. | Program Manager – Transportation Planning
Transportation & Infrastructure Planning Branch | Transportation Services

The Regional Municipality of York| 17250 Yonge Street | Newmarket, ON L3Y 6Z1
O: 905-830-4444 ext. 75056 | Steve.Mota@york.ca | www.york.ca[york.ca]

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, December 15, 2017 5:19 PM
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Liz Speller
Sent: June-29-18 12:18 PM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR comments
Attachments: 01 - YorkRegionComments - Final.pdf

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: May-16-18 4:07 PM
To: Mota, Steve <Steve.Mota@york.ca>
Cc: Wang, Joshua <Joshua.Wang@york.ca>; Crawford, Lauren <Lauren.Crawford@york.ca>; Choi, William <William.Choi@york.ca>; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR comments

Hello Steve,

Attached are responses to York Regions comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

May 16th, 2018

Steve Mota, P.Eng.
Program Manager – Transportation Planning, Transportation & Infrastructure Planning Branch
The Regional Municipality of York
17250 Yonge Street
Newmarket, ON L3Y 6Z1

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Mota,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to York Region's comments which were received on January 23rd, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

Liz Speller

From: Liz Speller
Sent: June-27-18 10:57 AM
To: Liz Speller
Subject: FW: 407 Transitway

From: DeRose, Graham (MTO)
Sent: May 31, 2018 8:31 AM
To: 'Smith, Shawn' <Shawn.Smith@york.ca>
Subject: RE: 407 Transitway

Hi Shawn,

I have confirmed that you should direct all questions to Ross Lashbrook (Manager, Community Planning & Development: Ross.Lashbrook@ontario.ca; 416-585-6063) at the Ministry of Municipal Affairs / Ministry of Housing.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Smith, Shawn <Shawn.Smith@york.ca>
Sent: Tuesday, May 29, 2018 12:25 PM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Mota, Steve <Steve.Mota@york.ca>; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: 407 Transitway

Thanks for this information and for the fast response, Graham.
Do you have a contact at the Ministry of Municipal Affairs that you can pass on to me?

Thanks,
Shawn

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Monday, May 28, 2018 11:26 AM
To: Smith, Shawn
Cc: Mota, Steve; r.minnesconsulting@gmail.com; Garron, Gus; Kerslake, Holly; Sarris, Larry (MTO)
Subject: RE: 407 Transitway

Hello Shawn,

Thank you for your email and voicemail. Unfortunately, MTO does not feel a meeting is required because this type of question has been raised many times (by all municipalities) and addressed

throughout the 407 Transitway Environmental Assessment assignments and MTO's position has not changed. A trail or active transportation network would be unsafe, would have to be fully grade-separated from the Transitway buses or light-rail vehicles and would require extended right of way limits. The r.o.w. property limits for the sections already under EA approval have been accepted by all stakeholders and some lands have already begun to be sold off as surplus provincial properties.

The standard 407 Transitway cross section is designed for rapid transit usage only and trail / active transportation considerations are only being included at the station sites. Additional lands cannot be protected outside of the completed/approved 407 Transitway sections (www.407transitway.com[na01.safelinks.protection.outlook.com]) because in some areas there just isn't enough room. For these select locations, the 407 Transitway runningway has been designed on a reduced r.o.w. already (does not include shoulders) due to constraints, meaning a trail/path would be impossible even if it were considered a compatible use within the 407 Transitway limits.

The 407 Transitway is part of the larger Parkway Belt West Plan, which also included the land required to build Highway 407, the utility corridor and the Hydro corridor. As my project teams have mentioned previously to stakeholders with similar inquiries, please direct your questions to Ministry of Municipal Affairs. MMA are the administrators/caretakers of the Parkway Belt West Plan. A simple consideration may be to implement a trail/path system throughout the Hydro Corridor (within the Parkway Belt West Plan lands), which runs parallel to Highway 407 for its entire length, similar to the bike path that exists in the Finch Hydro Corridor within Toronto.

Thank you for your interest in the completed and on-going 407 Transitway EA assignments. Please let me know if you have any additional questions related to the planning and design of the 407 Transitway, from the Freeman Interchange (Halton) to Highway 35/115 (Durham).

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Smith, Shawn [mailto:Shawn.Smith@york.ca]
Sent: May 28, 2018 10:05 AM
To: DeRose, Graham (MTO)
Subject: 407 Transitway

Hi Graham:

Further to my voicemail, can we set up a time to discuss the opportunity for a trail as part of the 407 Transitway project? I think it would be transformational. York Region, Peel Region, The City of Vaughan, and TRCA are supportive of.

Let me know a time that works.

Thanks,
Shawn

Shawn Smith, M.Eng., P.Eng. | Program Manager, Active & Sustainable Transportation,

Transportation and Infrastructure Planning Branch, Transportation Services

The Regional Municipality of York

17250 Yonge Street | Newmarket, ON L3Y 6Z1

O: 1-877-464-9675 ext. 75051 | shawn.smith@york.ca | www.york.ca[na01.safelinks.protection.outlook.com]

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REGION OF PEEL

Liz Speller

From: George Ivanoff
Sent: November-02-15 8:17 AM
To: Liz Speller
Cc: Sowel Kang
Subject: FW: 407 Transitway Study & Potential Construction

From: Banke, Dana [mailto:Dana.Banke@peelregion.ca]
Sent: October-30-15 2:14 PM
To: George Ivanoff <givanoff@lgl.ca>
Subject: 407 Transitway Study & Potential Construction

Dear Mr. Ivanoff:

Please be advised that our interest in the study and any subsequent construction or development is limited to being kept aware of any closures, detours or hazards that would limit or impede access to the area or those areas of the community which would require our response to traverse through the study/construction area.

Please ensure that we are advised well in advance so that we can disseminate the information on alternate routes or anticipated delays.

Regards

D. R. Banke

Dana Ralph Banke MEmergMgt BHSc(Pre-Hospital Care)
Supervisor, Risk and Audit
Peel Regional Paramedic Services
Fernforest Administration Offices and Reporting Station
1600 Bovaird Dr. E.
Brampton, ON L6R 3S8
Tel: 905-791-7800 ext 3931
Fax: 905-792-8926
Cell: 416-678-9546
dana.banke@peelregion.ca
www.peelregion.ca

REGION OF PEEL **working for you**

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Liz Speller

From:	Liz Speller <lspeller@lgl.ca>
Sent:	November-04-15 9:31 AM
To:	Elizabeth Speller
Subject:	FW: Notice of Study Commencement / 407 Transitway from West of Hurontario Street to East of Highwy 400
Attachments:	SKMBT_C454e15103009190.pdf

From: Flora, Eric [mailto:Eric.Flora@peelregion.ca]
Sent: November-02-15 8:57 AM
To: George Ivanoff <givanoff@lgl.ca>
Subject: FW: Notice of Study Commencement / 407 Transitway from West of Hurontario Street to East of Highwy 400

George:

Good morning. I hope all is going well.

I see that you're the contact person for the above-noted study. I look after all external EAs (MTO, Metrolinx, Regional, Municipal, etc), therefore I will be the Region of Peel contact person for this assignment. City of Brampton and City of Mississauga should be contacted separately. **You can add me to the study contact list.**

Please let me know what type of data your team will be requesting and I will let the appropriate Peel staff know.

Regards,

Eric L. Flora, P.Eng., CET
Principal Planner | Infrastructure Planning & Design
Transportation Division
Region of Peel
10 Peel Centre Drive, Suite B, 4th Floor
Brampton, ON, L6T 4B9

☎ 905-791-7800 ext.4694
eric.flora@peelregion.ca

From: Kocialek, Gary
Sent: October 30, 2015 10:17 AM
To: Saiyed, Sabbir; Ganesh, Steve; Flora, Eric; Nieuwenhuysen, Bob; Lovisotto, Sandy
Cc: Albanese, Damian; Slomke, Tom; Prasad, Arvin
Subject: FW: Notice of Study Commencement / 407 Transitway from West of Hurontario Street to East of Highwy 400

FYI and to share with your teams.

Eric, do you want to follow this one on behalf of our team.

Gary...

From: Reynolds, Lori
Sent: October 30, 2015 10:04 AM
To: Albanese, Damian; Kocialek, Gary
Cc: Watkins, Sheree
Subject: Notice of Study Commencement / 407 Transitway from West of Hurontario Street to East of Highwy 400

Good Morning,

The attached correspondence, for your action, was received by the Office of the CAO yesterday.
If you require the original document, please let me know (I will file it at this time).

Lori Reynolds, Administrative Assistant
Office of the Commissioner / Public Works
905-791-7800 ext 4396 lori.reynolds@peelregion.ca
REGION OF PEEL▪▪▪ working for you

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: Tuesday, March 8, 2016 8:29 AM
To: Elizabeth Speller (lspeller@lgl.com)
Subject: FW: 407 Transitway GWP 14-20001
Attachments: S2coprm0116012800330.pdf

From: Adams, James <James.Adams@peelpolice.ca>
Sent: January 28, 2016 11:32 AM
To: George Ivanoff
Subject: 407 Transitway GWP 14-20001

Good morning Mr. Ivanoff,

Please find the attached response for Peel Regional Police for the Class Environmental Assessment Mississauga Road.

My apologies for the delay.

Future correspondence can continue to be sent to Chief Evans (they eventually get forwarded to my office).

If you need more information or have any questions, please let me know.

Thanks

Jim

Cst. Jim Adams, P.Eng.
Research and Development | Operational Planning and Resources
7750 Hurontario Street, Brampton, Ontario, L6V 3W6
Phone: 905.453.3311 Ext. 4747 | Fax: 905.456.6108 | Email: 2186@peelpolice.ca

Peel Regional Police – A Safer Community Together

From: hqcprmfd01@peelpolice.ca [mailto:hqcprmfd01@peelpolice.ca]
Sent: Thursday, January 28, 2016 12:33 AM
To: Adams, James
Subject: Message from 2coprm01

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Ms. Jennifer Evans
Chief of Police
Peel Regional Police
7750 Hurontario Street
Brampton, Ontario
L6V 3W6

Update contact information if necessary

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

From: Stockman, Angela <angela.stockman@peelregion.ca>
Sent: Tuesday, September 27, 2016 9:14 AM
To: Kerslake, Holly; Edwards, Lindsay
Cc: Garron, Gus; DeRose, Graham (MTO)
Subject:RE: 407 Transitway Hurontario to Hwy 400

Hi Holly,
It is our policy to conduct a preconstruction inspection of the sewers. Our CCTV crew have almost completed the work but have had trouble with a buried Manhole and debris in the sewer east of Bramalea road on the 407. So they want to know how long they have to finish the CCTV of the pipe before any work begins on this section of the 407.

Do you know when construction or any work is to commence in the section highlighted below.

Thank you,

Angela Stockman
Technical Analyst
Water & Wastewater Program Planning
Region of Peel | 905.791.7800 ext 4143 | angela.stockman@peelregion.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: September 21, 2016 2:02 PM
To: Edwards, Lindsay
Cc: Stockman, Angela; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway Hurontario to Hwy 400

Hi Lindsay,

I'm not sure if I understand what Angela is referring to. Can you please indicate which sanitary sewer is the one in question? In any event, we have not requested CCTV work.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Edwards, Lindsay [mailto:lindsay.edwards@peelregion.ca]
Sent: Tuesday, September 20, 2016 2:30 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Stockman, Angela <angela.stockman@peelregion.ca>
Subject: RE: 407 Transitway Hurontario to Hwy 400

Hi Holly,
My colleague Angela Stockman (cc'd) from our Water & Wastewater Program Planning group was asking me when the CCTV needs to be completed for the sanitary sewer crossing the 407. Since this is in conjunction with the 407 transitway expansion project, could you please provide a contact person at Parsons that Angela could discuss these details with?

Thanks so much,

Lindsay

Lindsay Edwards, MES, MCIP, RPP
Principal Planner, Transportation System Planning
Transportation Division
Public Works
Region of Peel
905-791-7800 ext. 7874

Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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From: Liz Speller
Sent: Monday, October 24, 2016 8:56 AM
To: 'Edwards, Lindsay'
Cc: 'Garron, Gus'; Kerslake, Holly; 'Graham.DeRose@ontario.ca'; 'Larry.Sarris@ontario.ca'; 'sarah.merriam@ontario.ca'
Subject:RE: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001 - PIC #1 Brampton Venue

Hi Lindsay,

Thank you for your email. We will inform you of the details of the PIC as soon as they have been finalized.

Regards,
Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Edwards, Lindsay [mailto:lindsay.edwards@peelregion.ca]
Sent: Friday, October 21, 2016 3:59 PM
To: Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001 - PIC #1 Brampton Venue

Hi Liz,

Thank you for keeping Peel in the loop on the public consultation. The location is good with me, since it's pretty central and easy to access. Once you have the date confirmed, please let me know.

Regards,

Lindsay
Lindsay Edwards, MES, MCIP, RPP
Principal Planner, Transportation System Planning
Transportation Division
Public Works
Region of Peel
905-791-7800 ext. 7874

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: October 21, 2016 2:47 PM
To: Edwards, Lindsay
Cc: Liz Speller
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001 - PIC #1 Brampton Venue

Good afternoon,

I am working with Parsons and MTO on the Planning, Environmental Assessment and Preliminary Design Study of the 407 Transitway from west of Hurontario Street to east of Highway 400. We are in the process of planning for the first public information centre for this project which will take place in early December. We have tentatively booked the Greenbriar Recreation Centre in Brampton which has a suitable community meeting room and is located close to the study area (in the Queen Street East/Torbram Road area). The study team asked me to contact you to advise you of the PIC location and to ensure this location is suitable. Please let me know if you have any concerns.

Regards,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

Liz Speller

From: Edwards, Lindsay <lindsay.edwards@peelregion.ca>
Sent: Thursday, October 27, 2016 11:44 AM
To: Kerslake, Holly
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Holly,
Any update on the timing of this information? As you can appreciate, reviewing forecasting methodology, data, and other information that is intended to inform route and station locations will take some time. Since we haven't received anything yet, I'd like to request that this meeting be postponed to give sufficient time for staff to review documentation ahead of the meeting date. My suggestion would be to hold another meeting at the Peel office, where Regional and city of Brampton staff could attend. I'd be happy to coordinate this as I did before.

Regards,

Lindsay

Lindsay Edwards, MES, MCIP, RPP
Principal Planner, Transportation System Planning
Transportation Division
Public Works
Region of Peel
905-791-7800 ext. 7874

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: October 20, 2016 3:11 PM
To: Edwards, Lindsay
Cc: Garron, Gus
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Erica,

We are still waiting for signoff from MTO regarding this work and unfortunately we are not allowed to forward any technical reports to Municipalities and Agencies without approval from MTO.

My apologies.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Edwards, Lindsay [mailto:lindsay.edwards@peelregion.ca]
Sent: Thursday, October 20, 2016 11:51 AM

To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Holly,
I see we have a meeting scheduled for Nov 3rd at the Parsons office. I think for us to be able to meaningfully participate in the meeting we would like to see the ridership forecasting methodology etc.
Could you let me know when you expect to send this out?

Thanks,

Lindsay

Lindsay Edwards, MES, MCIP, RPP
Principal Planner, Transportation System Planning
Transportation Division
Public Works
Region of Peel
905-791-7800 ext. 7874

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: October 12, 2016 11:15 AM
To: Abdul.Shaikh@mississauga.ca; Matthew.Williams@mississauga.ca; Zbogar, Henrik; Parks, Mike; Edwards, Lindsay; Chan, Eric; Hui, Gordon; Waters, David; Lafleur, Chris; Holmes, Jayne; bruno.lopes@brampton.ca; Tim.kocialek@brampton.ca; Parajuli, Bishnu; compton.bobb@brampton.ca
Cc: Graham.deRose@ontario.ca; Garron, Gus; Bishop, Chris
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Sorry everyone, one additional correction. Please see attached Final meeting minutes (R2).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Tuesday, October 11, 2016 11:01 AM
To: 'Abdul.Shaikh@mississauga.ca' <Abdul.Shaikh@mississauga.ca>; 'Matthew.Williams@mississauga.ca' <Matthew.Williams@mississauga.ca>; 'Zbogar, Henrik' <Henrik.Zbogar@brampton.ca>; 'Parks, Mike' <Mike.Parks@brampton.ca>; 'Edwards, Lindsay' <lindsay.edwards@peelregion.ca>; 'eric.chan@peelregion.ca' <eric.chan@peelregion.ca>; 'gordon.hui@peelregion.ca' <gordon.hui@peelregion.ca>; 'Waters, David' <David.Waters@brampton.ca>; 'Lafleur, Chris' <Chris.Lafleur@brampton.ca>; 'Holmes, Jayne' <Jayne.Holmes@brampton.ca>; 'bruno.lopes@brampton.ca' <bruno.lopes@brampton.ca>; 'Tim.kocialek@brampton.ca' <Tim.kocialek@brampton.ca>; 'Parajuli, Bishnu' <Bishnu.Parajuli@brampton.ca>; 'compton.bobb@brampton.ca' <compton.bobb@brampton.ca>
Cc: 'Graham.deRose@ontario.ca' <Graham.deRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Bishop,

Liz Speller

From: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>
Sent: Wednesday, October 12, 2016 10:53 AM
To: Kerslake, Holly
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session
Attachments: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Holly,

I did not see our comments (attached) included in the minutes.

Thanks,

Bishnu

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2016/10/11 11:01 AM
To: Abdul.Shaikh@mississauga.ca; Matthew.Williams@mississauga.ca; Zbogar, Henrik; Parks, Mike; Edwards, Lindsay; eric.chan@peelregion.ca; gordon.hui@peelregion.ca; Waters, David; Lafleur, Chris; Holmes, Jayne; Lopes, Bruno; Kocialek, Tim; Parajuli, Bishnu; Bobb, Compton
Cc: Graham.deRose@ontario.ca; Garron, Gus; Bishop, Chris
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Everyone,

Attached are the final meeting minutes from the 407 Transitway Hurontario to Hwy 400 - Project Information Session on September 16th, incorporating received comments. Please let me know if you have any questions or concerns.

<< File: 2016 09 16 - 407 Transitway Peel Information Session - Minutes_FINAL.pdf >>
Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Tuesday, September 27, 2016 12:34 PM
To: 'Abdul.Shaikh@mississauga.ca' <Abdul.Shaikh@mississauga.ca>; 'Matthew.Williams@mississauga.ca' <Matthew.Williams@mississauga.ca>; 'Zbogar, Henrik' <Henrik.Zbogar@brampton.ca>; 'Parks, Mike' <Mike.Parks@brampton.ca>; 'Edwards, Lindsay' <lindsay.edwards@peelregion.ca>; 'eric.chan@peelregion.ca' <eric.chan@peelregion.ca>; 'gordon.hui@peelregion.ca' <gordon.hui@peelregion.ca>; 'Waters, David' <David.Waters@brampton.ca>; 'Lafleur, Chris' <Chris.Lafleur@brampton.ca>; 'Holmes, Jayne'

Chris <Chris.Bishop@parsons.com>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Everyone,

Attached are the final meeting minutes from the 407 Transitway Hurontario to Hwy 400 - Project Information Session on September 16th, incorporating received comments. Please let me know if you have any questions or concerns.

<< File: 2016 09 16 - 407 Transitway Peel Information Session - Minutes_FINAL.pdf >>
Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Tuesday, September 27, 2016 12:34 PM
To: 'Abdul.Shaikh@mississauga.ca' <Abdul.Shaikh@mississauga.ca>; 'Matthew.Williams@mississauga.ca' <Matthew.Williams@mississauga.ca>; 'Zbogar, Henrik' <Henrik.Zbogar@brampton.ca>; 'Parks, Mike' <Mike.Parks@brampton.ca>; 'Edwards, Lindsay' <lindsay.edwards@peelregion.ca>; 'eric.chan@peelregion.ca' <eric.chan@peelregion.ca>; 'gordon.hui@peelregion.ca' <gordon.hui@peelregion.ca>; 'Waters, David' <David.Waters@brampton.ca>; 'Lafleur, Chris' <Chris.Lafleur@brampton.ca>; 'Holmes, Jayne' <Jayne.Holmes@brampton.ca>; 'bruno.lopes@brampton.ca' <bruno.lopes@brampton.ca>; 'Tim.kocialek@brampton.ca' <Tim.kocialek@brampton.ca>; 'Parajuli, Bishnu' <Bishnu.Parajuli@brampton.ca>; 'compton.bobb@brampton.ca' <compton.bobb@brampton.ca>
Cc: 'Graham.deRose@ontario.ca' <Graham.deRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Bishop, Chris <Chris.Bishop@parsons.com>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Attached are a copy of the meeting minutes from the September 16th 407 Transitway Hurontario to Hwy 400 - Project Information Session meeting. Please provide any comments by COB October 4th, 2016.

Thanks!

Holly

<< File: 2016 09 16 - 407 Transitway Peel Information Session - Minutes_Draft2.pdf >>

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly

Sent: Monday, September 19, 2016 1:58 PM
To: 'Abdul.Shaikh@mississauga.ca' <Abdul.Shaikh@mississauga.ca>; 'Matthew.Williams@mississauga.ca' <Matthew.Williams@mississauga.ca>; Zbogar, Henrik <Henrik.Zbogar@brampton.ca>; Parks, Mike <Mike.Parks@brampton.ca>; 'Edwards, Lindsay' <lindsay.edwards@peelregion.ca>; 'eric.chan@peelregion.ca' <eric.chan@peelregion.ca>; 'gordon.hui@peelregion.ca' <gordon.hui@peelregion.ca>; Waters, David <David.Waters@brampton.ca>; Lafleur, Chris <Chris.Lafleur@brampton.ca>; Holmes, Jayne <Jayne.Holmes@brampton.ca>; 'bruno.lopes@brampton.ca' <bruno.lopes@brampton.ca>; 'Tim.kocialek@brampton.ca' <Tim.kocialek@brampton.ca>; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; 'compton.bobb@brampton.ca' <compton.bobb@brampton.ca>
Cc: 'Graham.deRose@ontario.ca' <Graham.deRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Bishop, Chris <Chris.Bishop@parsons.com>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Attached are a copy of the slides from Friday's presentation. Meeting minutes to follow later this week.

Please let me know if you have any questions or concerns.

<< File: 407 TW3 - Peel and Brampton Project Intro_Final.pdf >>
Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: Kerslake, Holly
Sent: Friday, September 02, 2016 3:57 PM
To: Kerslake, Holly; eric.chan@peelregion.ca; gordon.hui@peelregion.ca; Edwards, Lindsay; sabbir.saiyed@peelregion.ca; Tim.kocialek@brampton.ca; marilyn.ball@brampton.ca; Munn, Amy; Garron, Gus; Bishop, Chris; r.minnesconsulting@gmail.com; Firmani, Adrian (MTO); Sarris, Larry (MTO); Graham.deRose@ontario.ca; Allan Ortlieb; 'Scott Johnston'; lspeller@lgl.ca; stephanie.segreti@mississauga.ca; Abdul.Shaikh@mississauga.ca; Matthew.Williams@mississauga.ca
Cc: Holmes, Jayne; Pitushka, Joe; MacDonald, Heather; Zbogar, Henrik; Rieger, Doug; Parajuli, Bishnu; Duyvestyn, Chris; Parks, Mike; Stowe, David; Lafleur, Chris; Waters, David
Subject: 407 Transitway Hurontario to Hwy 400 - Project Information Session
When: Friday, September 16, 2016 9:30 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: Region of Peel HQ (10 Peel Centre Drive) Caledon Room

Hi Everyone,

Looks like the best date is **Friday September 16th @9:30am to 11:00am**. Please let me know if you will be able to attend.

Location: Region of Peel HQ – 10 Peel Centre Drive – Caledon Room

Thanks!

Holly

Holly Kerslake
Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Parsons Inc. has been retained by MTO to undertake the Environmental Assessment and Preliminary Design of the 407 Transitway Hurontario St. to Highway 400. This project includes approximately 23 km of dedicated Transitway running parallel to Highway 407 and 8 Transitway Stations. The Environmental Assessment will be developed under the Transit Project Assessment Process (TPAP). Below is a map of the study area for your reference.

<< OLE Object: Picture (Device Independent Bitmap) >>

The project is currently approaching the conclusion of the planning phase, having developed alignment and station options for evaluation. As part of the development and evaluation of alternatives, obtaining input from Municipalities and Regions within the study is critical. The project team would like to request a meeting with the City of Brampton and Region of Peel to get feedback at this stage of the 407 Transitway Project.

If you could please provide your availability on the dates listed below. It is expected that the meeting will be approximately **1.5 hours** long.

- **Wednesday September 14th, 2016 – 9:00am to 2:00pm**
- **Friday September 16th, 2016 – 9:00am to 12:00pm**
- **Monday September 19th, 2016 – 9:00am to 2:00pm**

Additionally, we are flexible with the meeting location – if you would like to hold the meetings at your offices, please advise and provide the room information. It is expected that 15-20 people will be in attendance.

Please give me a call if you have any questions or concerns (905-943-0446).

Regards,

Holly

From: Liz Speller
Sent: Wednesday, December 7, 2016 12:57 PM
To: 'liliana.dasilva@peelregion.ca'
Cc: 'DeRose, Graham (MTO)'; 'Merriam, Sarah (MTO)'; Garron, Gus; Kerslake, Holly; Liz Speller
Subject:407 Transitway Hurontario Street to Highway 400

Good afternoon Ms. Da Silva,

Thank you for attending the Public Information Centre yesterday in Brampton for the 407 Transitway project. As requested, please see below for the link to the project website and the panels/information presented at the Public Information Centre.
http://www.407transitway.com/hurontarioTo400/consultation.html

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

Liz Speller

From:	DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent:	Wednesday, April 5, 2017 8:40 AM
To:	Bhattacharyya, Indro
Cc:	Garron, Gus; Kerslake, Holly; Robb Minnes; Liz Speller; Scott Johnston; Allan Ortlieb; Sarris, Larry (MTO)
Subject:	RE: highway 407 transit corridor connection to bramalea GO station

Hello Indro,

Regarding the 407 Transitway PIC boards, specifically the Bramalea station, I can provide the following clarity.

- The project team included the station in the initial planning so that it could be evaluated like all other station options.

- Bramalea station was conditionally selected due to high interlining demand. It was determined that there is low demand for local access.

- The project team evaluated the feasibility of a direct connection on a number of alignments. Any alignment option that crosses Highway 407 ETR is not justifiable due to:
  - Limited benefit (low transfer ridership forecast and high penalty in 407 Transitway travel time).
  - Excessive cost (2 additional bridge structures over Highway 407 ETR).
  - Lack of feasible alignment possibilities north of Highway 407 ETR.

- The project team is currently pointing towards a high quality interlining connection with a Bramalea station south of Highway 407.

This 407 Transitway EA project (from west of Hurontario to east of Highway 400) is still in the Planning phase and the preferred Transitway alignment and station locations have yet to be determined. Once finalized, the project team will be sharing the preferred option with all stakeholders before the next PIC (has not been scheduled yet).

I hope this information helps clarify you questions.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Bhattacharyya, Indro [mailto:indro.bhattacharyya@peelregion.ca]
Sent: April 3, 2017 9:15 AM
To: DeRose, Graham (MTO)
Subject: re: highway 407 transit corridor connection to bramalea GO station

Hello Graham,

Recently our staff attended the PIC for the Highway 407 Transit Corridor EA.

I had a follow-up question to clarify what we saw.

The PIC boards highlight that a Bramalea GO station stop is 'Conditionally Selected'.

However, the detail PIC board suggests that a spur line (Alignment 6) to Bramalea GO station cannot be supported due to insufficient right of way, and near-by spurs into the general area (Alignment 5 and 6) cannot be supported due to excessive costs. That leaves the possibilities of Alignment 1 or 3.

In addition, the Bramalea/Torbram station is recommended for elimination due to limited demand and connectivity options.

With a Bramalea station south of the 407 not recommended, and challenges for a Bramalea station north of the 407, is it reasonable to conclude that the net effect is the absence of a Bramalea station/stop right at the GO station, but instead could likely be nearby (Alignment 1 or 3)? A nearby alignment seems to be at odds with the transit map concept graphic presented in the PIC boards.

In your estimation, what would be needed to make alignments 4, 5, or 6 feasible?

I appreciate that you have to be careful in how your respond to something, essentially, I'm asking for clarification of what is presented on the Boards.

Thanks!

Indro Bhattacharyya, MSc, MCIP,RPP
Principal Planner
Integrated Planning Division
Corporate Services Department
Region of Peel
Indro.Bhattacharyya@peelregion.ca
905-791-7800 x4359

Liz Speller

From: Hui, Gordon <gordon.hui@peelregion.ca>
Sent: October-24-17 9:22 AM
To: Zaporzan, Justin; He, Mike
Cc: Saiyed, Sabbir; Kerslake, Holly; Morales, Richard
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Justin,

We would not have any accurate municipal storm information for non-Regional roads.

I have been informed that local municipalities have been collecting an inventory of this information so I would suggest asking them.

Regards,

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

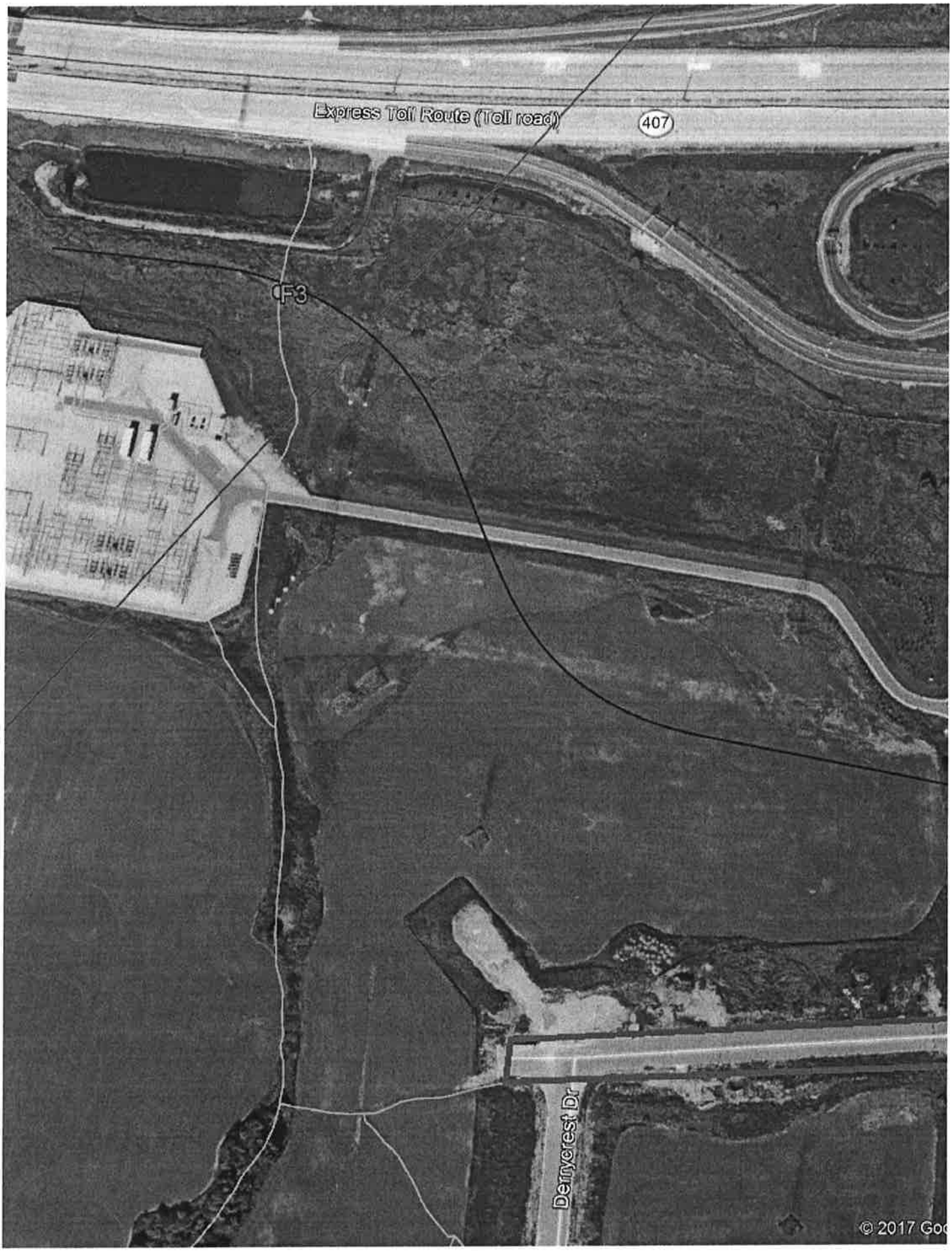
Region of Peel
working with you

From: Zaporzan, Justin [mailto:Justin.Zaporzan@parsons.com]
Sent: October 23, 2017 3:30 PM
To: He, Mike; Hui, Gordon
Cc: Saiyed, Sabbir; Kerslake, Holly; Morales, Richard
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Good afternoon Sabbir and Gordon,

I am following up with Sarah Lawson's and Mike He's correspondence regarding our requests for municipal storm information. Our drainage design requires additional plan and profile information. I have provided two screenshots which show the locations where information is required enclosed in red. Please advise on the best way for us to support expediting this request. The locations are as follows:

- **Hurontario Street** between the 407 and Derrycrest Drive (refer to Figure 1)
- **Derrycrest Drive** (refer to Figure 1)
- **Highway 410** between the 407 and Derry Road East (refer to Figure 2)
- **Gana Court** (refer to Figure 2)
- **Tomken Road** between Gana Court and the 407 (refer to Figure 2)


Express Toll Route (Toll road)
407
F3
11
Derryerest Dr
© 2017 Goo

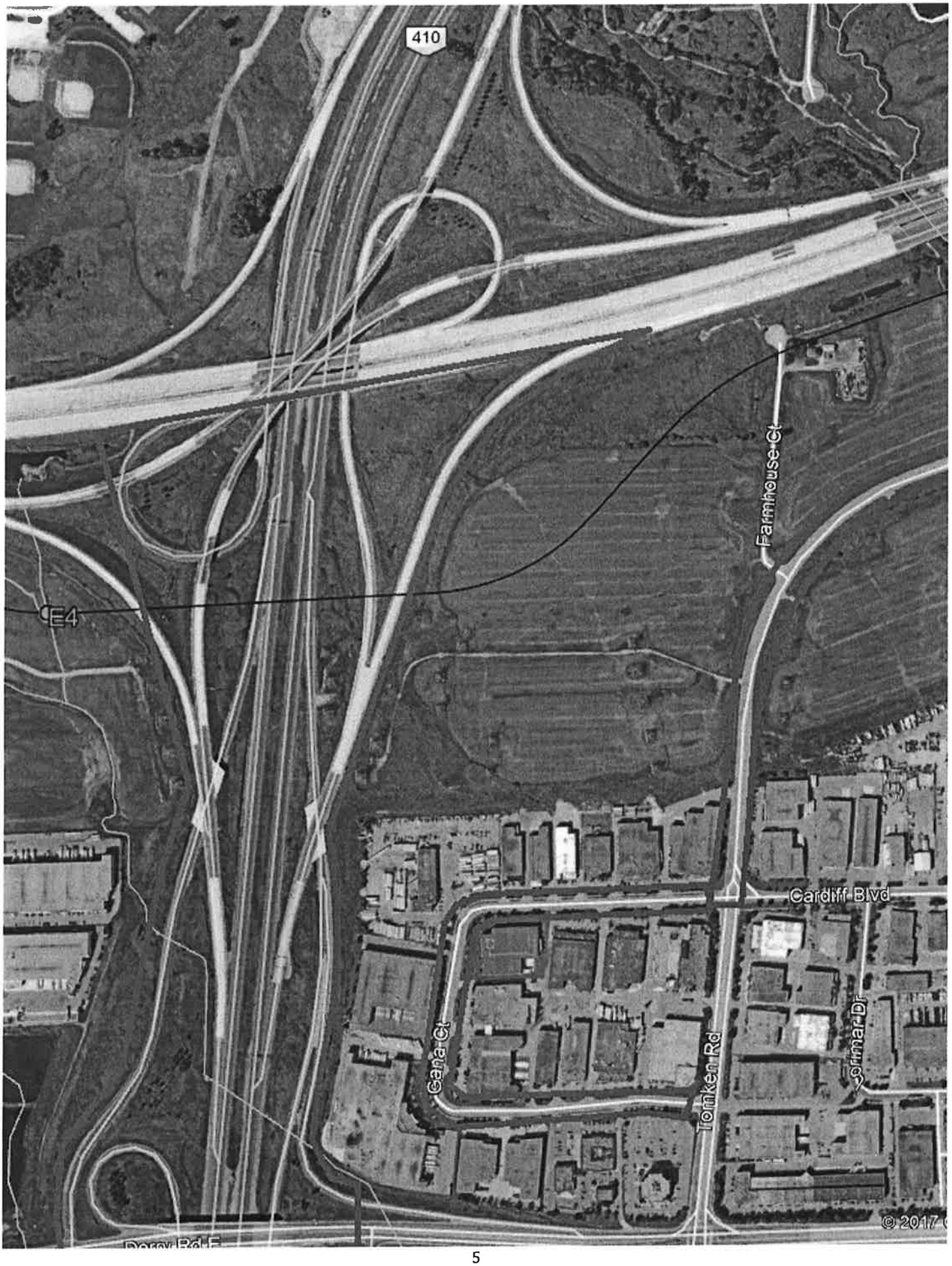

410
Farmhouse Ct
E4
Cardiff Blvd
Gena Ct
Tomken Rd
Grimar Dr
© 2017

Figure 2 - Information Required along Highway 410, Gana Court, and Tomken Road

Regards,

Justin Zaporzan
Municipal Designer
625 Cochrane Drive, Suite 500, Markham, ON L3R9R9
justin.zaporzan@parsons.com - P: +1 905.943.0449

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From: He, Mike
Sent: Monday, October 23, 2017 1:59 PM
To: Hui, Gordon <gordon.hui@peelregion.ca>
Cc: Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; Zaporzan, Justin <Justin.Zaporzan@parsons.com>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Gordon,

Thanks for letting us know and your help, much appreciated.

Best Regards,

Mike He, EIT. M.Eng.
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
Mike.He@parsons.com - P: +1 905.917.3290 M: +1 519.694.8528
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envision more

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Monday, October 23, 2017 1:44 PM
To: He, Mike <Mike.He@parsons.com>
Cc: Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; Zaporzan, Justin <Justin.Zaporzan@parsons.com>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Mike,

After checking with our CAD team, they do not supply passwords to protect the integrity of their records. They only supply stamped and secured pdfs to clients.

Regards,

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

Region of Peel
working with you

From: He, Mike [mailto:Mike.He@parsons.com]
Sent: October 19, 2017 11:41 AM
To: Hui, Gordon
Cc: Saiyed, Sabbir; Kerslake, Holly; Morales, Richard; Zaporzan, Justin
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Good morning Gordon,

My name is Mike He from Parsons, and I am following up on Sarah Lawson's and Holly Kerslake's email regarding our request for municipal storm drawings.

From the drawings you sent to us, we have found the Storm sewer and manhole information we need for our station drainage design. In order to obtain the distance from our pond design to an nearby existing manhole, We want to attach the PDF drawings you sent to us onto our CAD design drawing. Unfortunately, the PDF drawings are restricted and will not allow us to attach them to CAD.

Is it possible to get the permission password for these drawings? If so, it will be really helpful to complete our drainage strategy. The screenshots of the permission restriction showed in CAD and PDF document properties are attached below.

Please Advise.

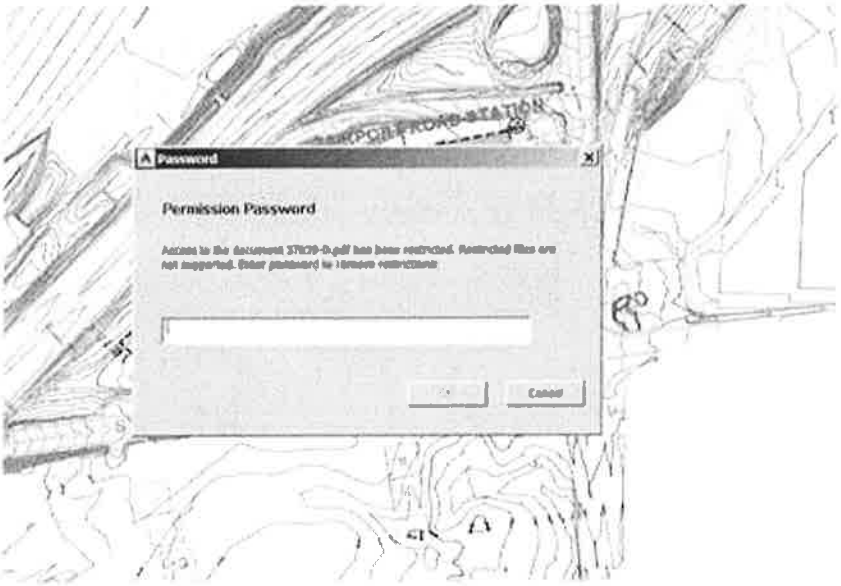

Figure 1 - Screenshot of permission restriction showed in CAD

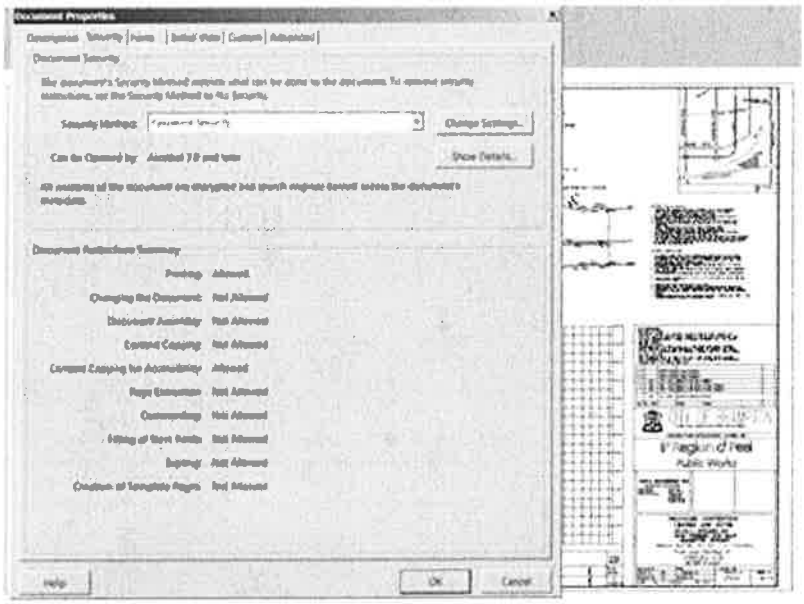

Figure 2 – Screenshot of PDF document properties

Best Regards,

Mike He, EIT. M.Eng.
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
Mike.He@parsons.com - P: +1 905.917.3290 M: +1 519.694.8528
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Parsons PLUS
envision more

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Tuesday, October 17, 2017 10:40 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>; Lawson, Sarah <Sarah.Lawson@parsons.com>
Cc: Zaporzan, Justin <Justin.Zaporzan@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Thanks Holly.

The drawings have been uploaded.

Regards,

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

Region of Peel
working with you

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: October 12, 2017 4:53 PM
To: Hui, Gordon; Lawson, Sarah
Cc: Zaporzan, Justin; He, Mike
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Gordon!

I have created a Parsons FTP for the files – you should have gotten an email notification linking you to the folder.

Let me know if you have any issues.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Thursday, October 12, 2017 4:43 PM
To: Lawson, Sarah <Sarah.Lawson@parsons.com>
Cc: Zaporzan, Justin <Justin.Zaporzan@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; He, Mike

<Mike.He@parsons.com>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Thanks Sarah.

All the drawings are ready to be sent.

Regards,

Gordon

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

Region of Peel
working with you

From: Lawson, Sarah [mailto:Sarah.Lawson@parsons.com]
Sent: October 12, 2017 4:38 PM
To: Hui, Gordon
Cc: Zaporzan, Justin; Kerslake, Holly; He, Mike
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Gordon

Mike He will be following up with you on this. I believe we can send you a FTP for this.

Sarah Lawson
sarah.lawson@parsons.com
P: +1 905.943.0593 M: +1 647.407.0346

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Friday, October 06, 2017 8:19 AM
To: Lawson, Sarah <Sarah.Lawson@parsons.com>
Cc: Zaporzan, Justin <Justin.Zaporzan@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Do you have an easily accessible FTP I can upload this to?

If not, I can just send over a Google Drive link.

Regards,

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

Region of Peel
working with you

From: Hui, Gordon
Sent: October 4, 2017 11:08 AM
To: 'Lawson, Sarah'
Cc: Zaporzan, Justin; Kerslake, Holly
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Yes, they will be sent electronically.

Noted – will keep Holly and Justin in the loop.

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-845-5172

Region of Peel
working with you

From: Lawson, Sarah [mailto:Sarah.Lawson@parsons.com]
Sent: October 4, 2017 10:07 AM
To: Hui, Gordon
Cc: Zaporzan, Justin; Kerslake, Holly
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Gordon,

Thank you for checking. Will the drawings be sent electronically?

I will be leaving this post next week, so please cc Justin Zaporzan and Holly Kerslake on any further correspondence.

Thank you

Sarah Lawson
sarah.lawson@parsons.com
P: +1 905.943.0593 M: +1 647.407.0346

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Wednesday, October 04, 2017 8:16 AM
To: Lawson, Sarah <Sarah.Lawson@parsons.com>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Sarah,

We will have these drawings in around 2 days.

However the first one on Albion Road is under the jurisdiction of the City of Toronto.

Regards,

Gordon Hui, EIT
Principal Planner (Acting)
Transportation Systems Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-845-5172

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From: Saiyed, Sabbir
Sent: September 15, 2017 5:04 PM
To: Lawson, Sarah
Cc: Kerslake, Holly; Graham.DeRose@ontario.ca; Garron, Gus; Robb Minnes; Liz Speller; Zaporzan, Justin; Morales, Richard
Subject: Re: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Sarah:
Sorry for the delay. Gordon will arrange to provide the data.

Sabbir

Sent from my iPhone

On Sep 15, 2017, at 4:37 PM, Lawson, Sarah <Sarah.Lawson@parsons.com> wrote:

> Good Afternoon, Sabbir,

I am following up on Holly Kerslake's email regarding our request for municipal storm information. There are a few additional plan & profile information we required. Please advise on the best way for us to support expediting this request. We are available to come to your offices to obtain the information if this helps.

- **Albion Road** between Steeles Avenue. West & Codlin Crescent.
- **Steeles Avenue** between Torbram Road and Airport Road.
- **Steeles Avenue** between Airport Rd. & Goreway Rd
- **Airport Road** between Derry Rd. E & Clark Blvd.

Thank you in advance,

Sarah Lawson, MASc. P.Eng.
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
sarah.lawson@parsons.com - P: +1 905.943.0593 M: +1 647.407.0346

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<image003.png>

From: Kerslake, Holly
Sent: Monday, August 21, 2017 10:03 AM
To: Sabbir.Saiyed@peelregion.ca
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>; Lawson, Sarah <Sarah.Lawson@parsons.com>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hello Sabbir,

The EA and Preliminary Design of the 407 Transitway Section Hurontario Street to Highway 400 continues to progress. Obtaining specific municipal storm water information is essential for our drainage design team. We will much appreciate your assistance recommending the most practical and expedite way to obtain this information. We specifically are looking for plan and profile drawings of the storm sewer system at the following locations:

- **Albion Road** between Steeles Avenue. West & Codlin Crescent.

Please feel free to give me a call (647-467-8379) if you have any questions or concerns. To help expedite this request, note that we are available to come to your office to obtain the information – assuming this is faster. Please advise.

Thank-you,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com

Liz Speller

From: Kerslake, Holly
Sent: December-05-17 4:14 PM
To: 'sabbir.saiyed@peelregion.ca'
Cc: Garron, Gus; Leung, Winnie; 'DeRose, Graham (MTO)'; 'Sarris, Larry (MTO)'
Subject: FW: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Conflict with Peel Proposal

Hello Sabbir,

Please see Rick Schatz from Hydro One's email below in regards to an access proposal recently received from Peel Region. Would it be possible to get a copy of this report so we can better understand the potential conflict?

Please give me a call if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, December 01, 2017 11:55 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Conflict with Peel Proposal

Hi Holly,

The Hurontario station proposal is conflicting with a permanent access proposal we recently received from Peel Region. Peel now wants a contact person to discuss the Transitway Project. Can you please suggest the appropriate person who can handle this enquiry?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Wednesday, January 17, 2018 10:22 AM
To: Chinnery, Owen <owen.chinnery@peelregion.ca>; Mcgill, John <John.Mcgill@parsons.com>
Cc: Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 and Hurontario - Access to Sanitary Sewer Valve Chamber - Region of Peel

Hello Owen,

Thank you for email and voicemail. Please find below the email that was sent to all stakeholders (including Sabbir at Peel Region) on December 15, 2017 regarding the draft EPR for review. Included you will find instructions on how to obtain the documents.

I have also attached a copy of the Hurontario Station drawing for convenience.

I trust this information is what you seek and will help in your review.

From: Chinnery, Owen [mailto:owen.chinnery@peelregion.ca]
Sent: January 17, 2018 9:25 AM
To: DeRose, Graham (MTO); john.mcgill@parsons.com
Cc: Saiyed, Sabbir
Subject: 407 and Hurontario - Access to Sanitary Sewer Valve Chamber - Region of Peel

Re: Region Real Estate File # PF17157.00

Hello Graham,

Further to my voicemail to you. The Region of Peel has a 1200mm sanitary sewer with accompanying easements located along the westerly and southerly limits of the IO lands occupied by HONI at the southwest corner of Hurontario and the 407 (easement sketch attached). I understand the Ministry of Transportation is completing a Preliminary Design and EA for the 407 Transitway which will have impacts to the Region's infrastructure and easement. Over both the short and long term, the Region will require permanent access in order to operate and maintain this infrastructure. The Region currently has the immediate need to establish reliable vehicular access to these valve chambers in order to ensure the safe and effective operation of the sanitary sewer infrastructure. As such I understand there is a draft EPR that has been circulated to the stakeholder group (Dec 15, 2017). Our Wastewater Group would like to review the draft document in light of the access requirement so that we can address our short and long term access needs.

Could you please provide or otherwise authorize your consultant to provide a copy of this package to me for our review. I have canvassed the Region internally and have been unable to obtain this information. Access to the files on an FTP site or similar mechanism would be greatly appreciated.

With thanks,

Owen Chinnery, B.A., CRA, SR/WA
Capital Acquisition Agent, Real Estate Section
Regional Municipality of Peel
10 Peel Centre Drive, Suite B, 6th Floor
Brampton, ON L6T 4B9
Phone: 905-791-7800 ext. 5762
Fax: 905-791-3645 Toll Free: 1-888-919-7800
Email: owen.chinnery@peelregion.ca

Region of Peel
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METRIC

LIMIT OF CONTRACT
STA 0+750.00

BUS ONLY

EDGE OF POND 202.40m

SWM

PARKING AREA - 347 SPACES

BUS ONLY

PARKING AREA - 130 SPACES

SHARED-USE PATH

PARKING AREA - 120 SPACES

ACCESSIBLE SPACES (10)

TICKETS

RIGHT-IN/ RIGHT-OUT ACCESS

HURONTARIO STREET

BIKE STORAGE

SIGNALIZED CROSSWALK

HuLRT YARD PROPOSED ACCESS

MAINTENANCE ONLY

BUS ONLY

BUS ONLY

PPUDO (180 m) 80 SPACES

SWM

HURONTARIO STREET STATION

FUTURE HuLRT STOP

EXISTING BUS STOP

EDGE OF POND 202.20m

FUTURE HuLRT (BY OTHERS)

TOPFLIGHT DRIVE

VICKSBURGH DRIVE

EXISTING BUS STOP

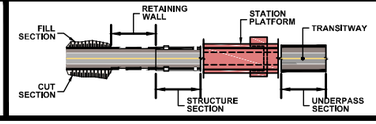
NEW SIGNALIZED INTERSECTION

DERRYCREST DRIVE

DRAWING NAME: C:\Users\p0078470\ppdata\local\temp\AcPublish_14840\MTStations.dwg
CREATED:
MODIFIED: Dec 13, 2017 - 5:35pm MODTIME
CREATED:

Ontario PARSONS IBI

SCALE
20m 0 40m
Horizontal

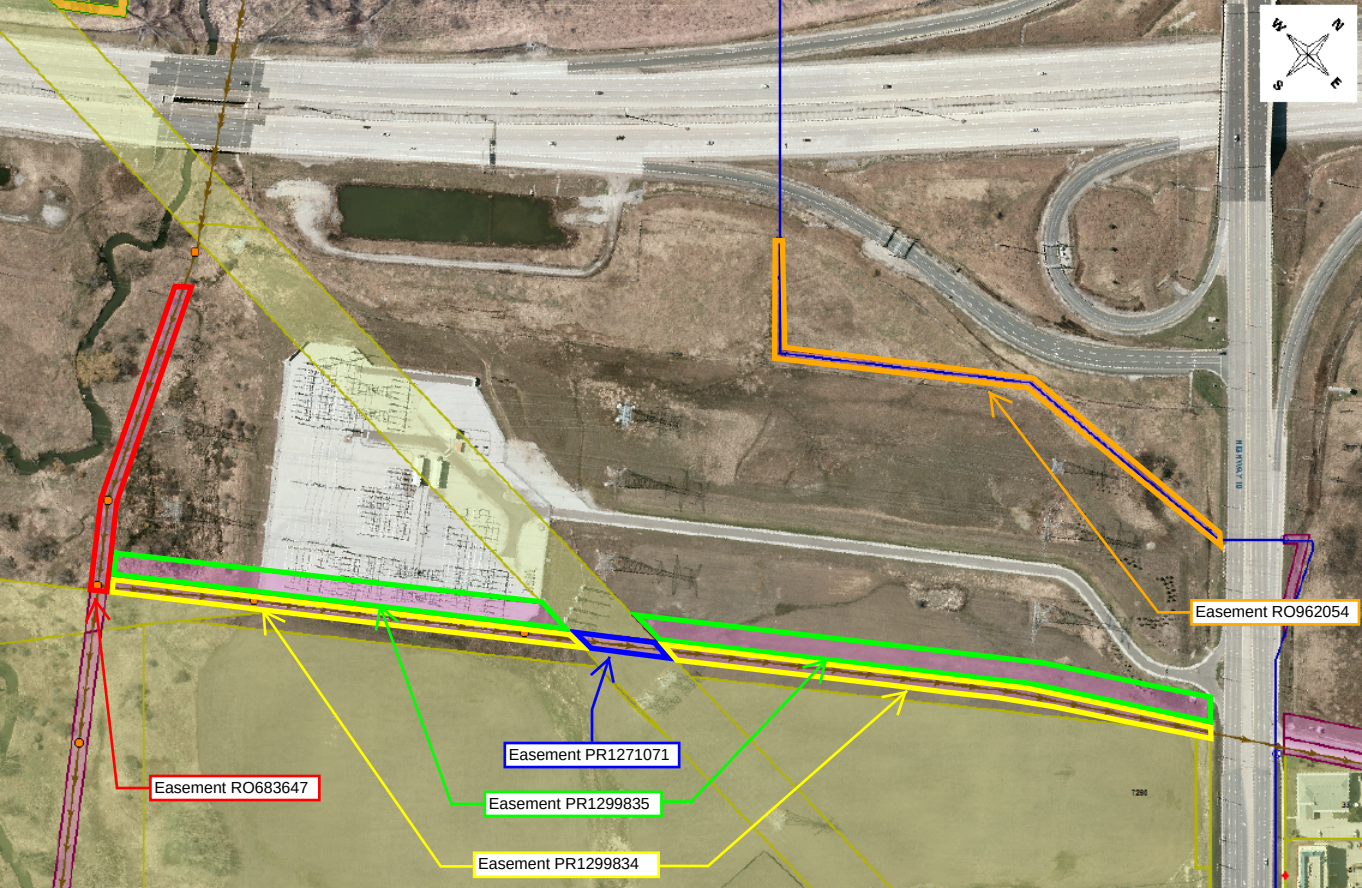


TRAFFIC LANES AND MOVEMENT
EXISTING BUS STOP
STATION BOUNDARY
PROPERTY LINE
SWM POND
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
WALKWAY/SHARED USE PATH

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STATIONS

HURONTARIO STREET STATION

PLATE
S-1A
DATE
12/11/2017


Easement RO962054
Easement PR1271071
Easement RO683647
Easement PR1299835
Easement PR1299834

Liz Speller

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: January-22-18 2:26 PM
To: Stockman, Angela; john.mcgill@parsons.com; Sarris, Larry (MTO)
Cc: ZZG-PWI; Liz Speller; Garron, Gus; Kerslake, Holly
Subject: RE: 407 Transitway Public Information Centre Invitation letter

Hello,

Thank you for your interest in the 407 Transitway project, from west of Hurontario Street to east of Highway 400.

A copy of all of the PIC display boards will be placed on the project website next week (week of January 29th): www.407transitway.com/hurontarioTo400/

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Stockman, Angela [mailto:angela.stockman@peelregion.ca]
Sent: January 22, 2018 2:22 PM
To: DeRose, Graham (MTO); john.mcgill@parsons.com; Sarris, Larry (MTO)
Cc: ZZG-PWI
Subject: 407 Transitway Public Information Centre Invitation letter

Good afternoon,

We received the letter and invitation to the second PIC being held on January 23, 2018. Unfortunately we cannot attend the drop-in session of the PIC at this time.
We are interested in the information and request to stay involved in the project. Would it be possible to receive a copy of the PIC boards and presentation? We would like to share the available information with our water and wastewater staff at the Region of Peel to gather their comments.

Thank you,

Angela Stockman
Technical Analyst
Water & Wastewater Program Planning
Region of Peel | 905.791.7800 ext 4143 | angela.stockman@peelregion.ca

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: January-24-18 5:27 PM
To: Hui, Gordon
Cc: DeRose, Graham (MTO); Garron, Gus; Liz Speller; Sarris, Larry (MTO); r.minnesconsulting@gmail.com
Subject: RE: 407 Transitway (Hurontario to Highway 400)

No problem Gordon, will do.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Wednesday, January 24, 2018 4:01 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: 407 Transitway (Hurontario to Highway 400)

Hi Holly,

From the Region of Peel, Sabbir Saiyed has been the primary contact, but could I also be included in the distribution list in any further communications?

Thanks.

Regards,

Gordon Hui
Principal Planner (A)
Transportation System Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

Region of Peel
working with you

Liz Speller

From: Liz Speller
Sent: January-29-18 10:33 AM
To: 'Chris.Kapitan@peelpolice.ca'
Cc: DeRose, Graham (MTO); 'Sarris, Larry (MTO)'; 'Garron, Gus'; Kerslake, Holly; Robb Minnes
Subject: RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, (G.W.P. 14-20001)

Good morning Constable Kapitan,

Thank you for your email regarding the 407 Transitway project from west of Hurontario Street to east of Highway 400.

Please note that we have updated the project contact list and will send all future notices regarding this project to you via email.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Kapitan, Chris [mailto:Chris.Kapitan@peelpolice.ca]
Sent: Tuesday, January 23, 2018 1:19 PM
To: 'gkauffman@lgl.com' <gkauffman@lgl.com>
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, (G.W.P. 14-20001)

Good Afternoon Grant,

I'm writing in regards to a notice for ***407 Transit way from West of Hurontario Street to East of Highway 400 TPAP, (G.W.P. 14-20001),*** sent to Chief of Police Jennifer Evans, Peel Regional Police.

Just letting you know that all future notices can be sent to my attention via e-mail.

Best Regards,

Constable Chris Kapitan # 3122
Specialized Asset / Radar, Lidar Coordinator
Road Safety Services
Peel Regional Police
Office (905)-453-2121 ext 3705

chris.kapitan@peelpolice.ca

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Liz Speller

From: Hui, Gordon <gordon.hui@peelregion.ca>
Sent: April-16-18 1:58 PM
To: Kerslake, Holly
Cc: Leung, Winnie; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: 39366_D.PDF; 39367_D.PDF

Apologies!

Gordon Hui
W: 905-791-7800 x4549
C: 416-805-8040

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: April 16, 2018 1:55 PM
To: Hui, Gordon
Cc: Leung, Winnie; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Gordon,

I think the attachment is missing, can you resend it?

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon <gordon.hui@peelregion.ca>
Sent: Monday, April 16, 2018 1:47 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

Please see attached continuation of drawing 39367_D.

Regards,

Gordon Hui
W: 905-791-7800 x4549
C: 416-805-8040

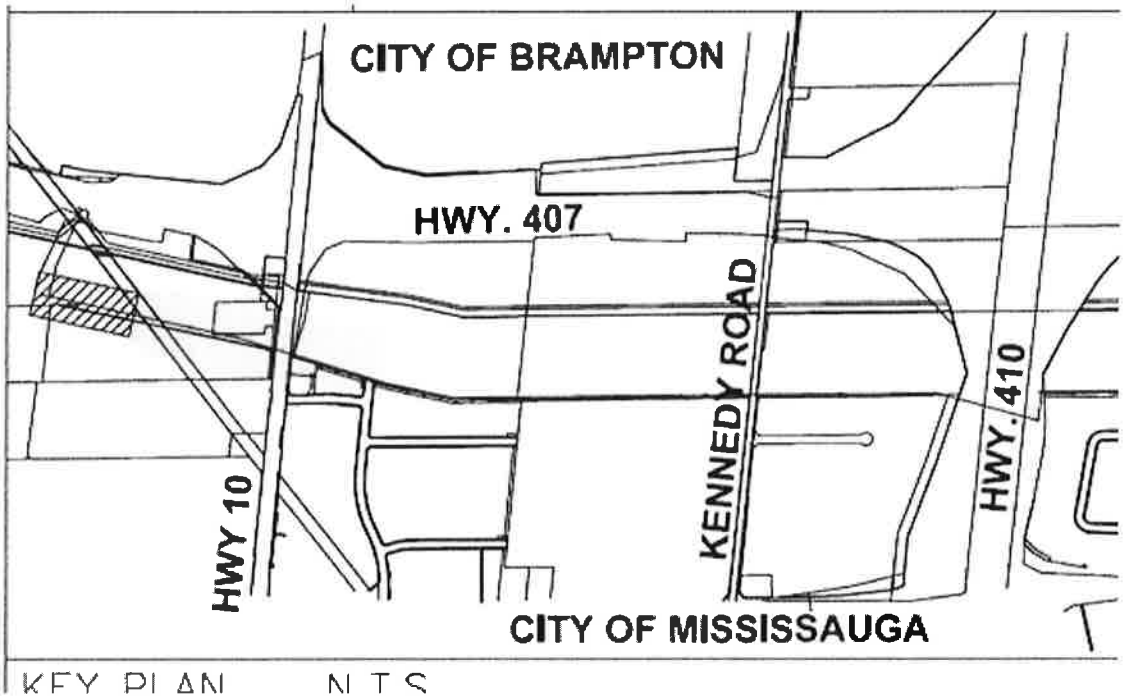
From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: April 5, 2018 2:24 PM
To: Hui, Gordon
Cc: Leung, Winnie; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

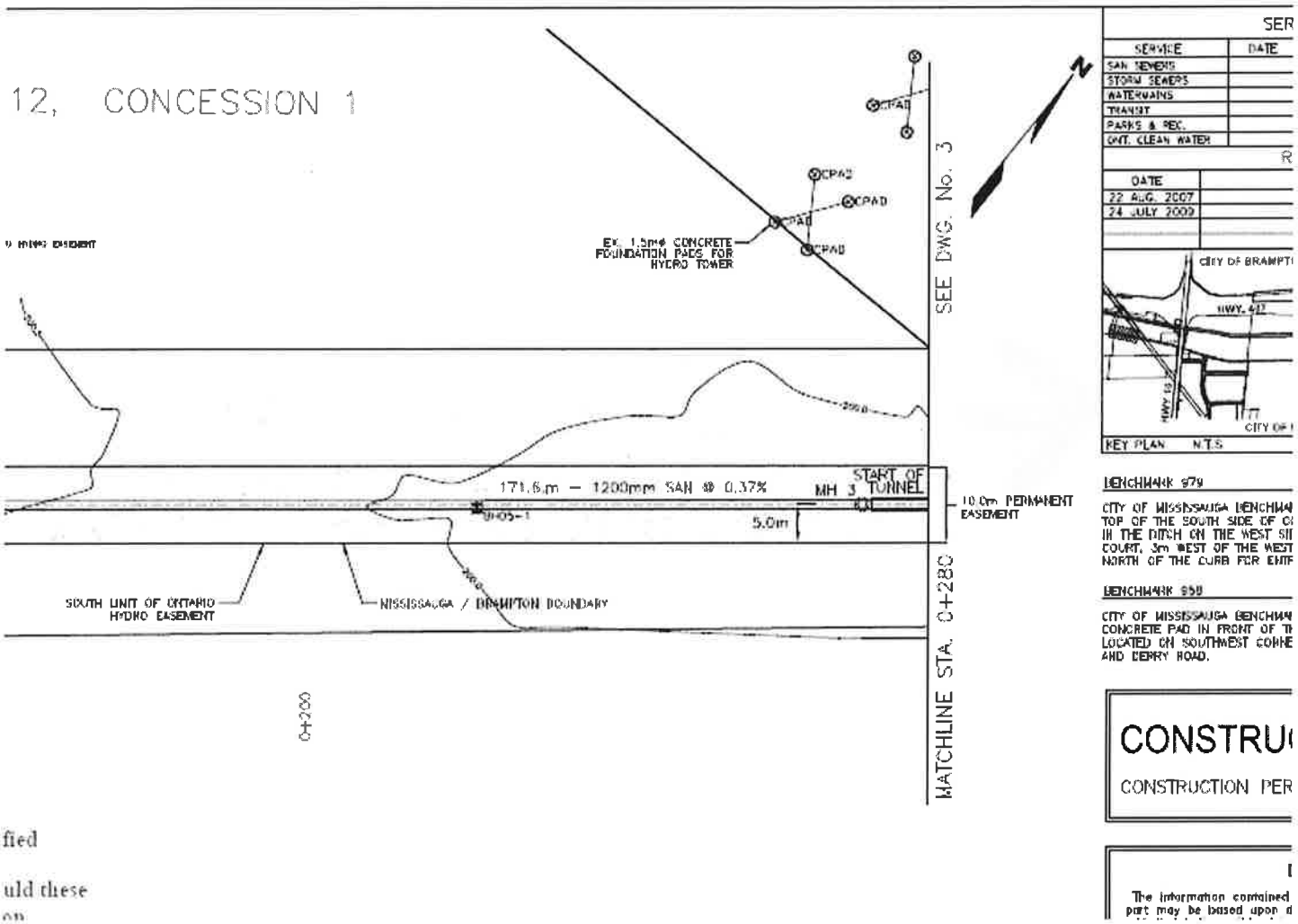
Hi Gordon,

We have reviewed the drawings you sent and have been able to make a slightly more accurate guess as to the pipe profile, but still cannot be completely sure. Would it be possible to get a plan view of the pipe location? We are looking for the drawing just east of the one in the attachment (Drawing 3? See in yellow below). Does Peel Region have this drawing available?

Thanks again for your help! Much appreciated.

Holly





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uld these
on

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon <gordon.hui@peelregion.ca>
Sent: Wednesday, April 04, 2018 10:22 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

Please see attached and let me know if this is what you require.

Regards,

Gordon Hui
W: 905-791-7800 x4549
C: 416-805-8040

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: March 27, 2018 7:12 PM
To: Hui, Gordon
Cc: Leung, Winnie; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Gordon,

Would it be possible to get the pipe design drawings for the segment just east of this plate (before Sta. 0+280)? Our alignment is located south of Hurontario (see attached). We have extrapolated the pipe alignment and profile based on this drawing but would like to confirm more accurately that we are not conflicting, if possible.

Thanks again!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon <gordon.hui@peelregion.ca>
Sent: Tuesday, March 27, 2018 2:28 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Please see attached.

Regards,

Gordon Hui
W: 905-791-7800 x4549
C: 416-805-8040

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: March 20, 2018 10:02 AM
To: Hui, Gordon
Cc: Leung, Winnie; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

No problem! Thanks Gordon – end of this week is great.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon <gordon.hui@peelregion.ca>
Sent: Tuesday, March 20, 2018 9:59 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

Apologies for the delay.

These maps are available but I won't be able to get them for you until later this week (Friday).

Regards,

Gordon Hui
W: 905-791-7800 x4549
C: 416-805-8040

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February 26, 2018 11:34 AM
To: Hui, Gordon
Cc: Garron, Gus; Graham.DeRose@ontario.ca; Saiyed, Sabbir; Detaramani, Tina; Saddi, Asha; Leung, Winnie
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Gordon,

Thank-you for taking the time to review through the Draft EPR material and providing your comments below. All comments will be responded to and addressed in the Final EPR document.

We have one question regarding your third comment – does the Region have **plan and profile drawings of the 1200mm sanitary sewer** at the southwest corner of Hurontario Street and 407 ETR, as referred to in the comment below? If so, could you please provide them to us.

EPR Comment:

The Region of Peel sanitary sewer infrastructure will be impacted by the proposal. Please see **Appendix B: MTO Proposal & Region of Peel's easements**. The Region of Peel has a 1200mm sanitary sewer with accompanying easements located along the westerly and southerly limits of the IO lands occupied by HONI at the southwest corner of Hurontario St and the 407 (easement sketch attached). The preliminary Design and EA for the 407 Transitway which will have impacts to the Region's infrastructure and easement. Over both the short and long term, the Region will require permanent access in order to operate and maintain this infrastructure. The Region currently has the immediate need to establish reliable vehicular access to these valve chambers in order to ensure the safe and effective operation of the sanitary sewer infrastructure.

Thanks – please give me a call if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Hui, Gordon [mailto:gordon.hui@peelregion.ca]
Sent: Friday, January 26, 2018 4:08 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Graham.DeRose@ontario.ca; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Holly,

Please see attached Region of Peel comments regarding the Draft EPR Document Stakeholder Submission.

Thank you.

Regards,

Gordon Hui
Principal Planner (A)
Transportation System Planning
Region of Peel

10 Peel Centre Drive, Suite B, 4th Floor
E: Gordon.hui@peelregion.ca
W: 905-791-7800 x4549
C: 416-805-8040

Region of Peel
working with you

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January 23, 2018 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; Powell, Martin; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; Marray, Liam; Saiyed, Sabbir; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com][na01.safelinks.protection.outlook.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Region of Peel
working with you

Public Works

10 Peel Centre Dr.
Suite B
Brampton, ON
L6T 4B9
tel: 905-791-7800

peelregion.ca

To:	Holly Kerslake	**Date:**	January 26, 2018
From:	Gordon Hui	**Subject:**	Comments – 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
CC:	Gus Garron Graham DeRose	**Our File:**	

Please find below comments regarding the EPR submission. In addition, please see **Appendix A: Letter - 407 Transitway Station Planning at Bramalea GO Station** for a letter sent to the Ontario Ministry of Transportation and Metrolinx with regards to 407 Transitway Station Planning at Bramalea GO Station.

- MTO's project includes a grade separated Transitway similar to the City of Mississauga's project on the Mississauga Transitway (the BRT, east – west bus rapid transit route running along Eglington and Hwy 403 from Renforth to Winston Churchill). Please be aware that extensive negotiations will be required in order to protect the Region's interests because these grade separation projects often require utility relocates into new easements, new bridges (grade separated crossings) that cross Region owned roads, and additional cooperation to resolve jurisdictional issues: ex. who is responsible for sanitary and water connections to stations constructed within a public highway; and how do Peel Police, Peel Paramedics, and Public Works Staff access the transitway (which will almost definitely be a controlled access highway) in the case of an emergency.
- Add Ryan Gulyas (ryan.gulyas@peelregion.ca) to the project distribution list
- The Region of Peel sanitary sewer infrastructure will be impacted by the proposal. Please see **Appendix B: MTO Proposal & Region of Peel's easements**. The Region of Peel has a 1200mm sanitary sewer with accompanying easements located along the westerly and southerly limits of the IO lands occupied by HONI at the southwest corner of Hurontario St and the 407 (easement sketch attached). The preliminary Design and EA for the 407 Transitway which will have impacts to the Region's infrastructure and easement. Over both the short and long term, the Region will require permanent access in order to operate and maintain this infrastructure. The Region currently has the immediate need to establish reliable vehicular access to these valve chambers in order to ensure the safe and effective operation of the sanitary sewer infrastructure.

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working with you

Public Works

Appendix A: Letter - 407 Transitway Station Planning at Bramalea GO Station

January 23, 2018

Graham DeRose
graham.derose@ontario.ca
MTO Project Manager
Ministry of Transportation, Central Region
4th Floor, 159 Sir William Hearst Avenue
Toronto, Ontario, M3M 0B7

and

Leslie Woo
leslie.woo@metrolinx.com
Chief Planning Officer Planning and Policy
Metrolinx
97 Front Street West
Toronto, Ontario M5J 1E6

Dear Graham and Leslie,

Re: 407 Transitway Station Planning at Bramalea GO Station

We are writing to you to express concern regarding the prioritization and alignment recommendation for Bramalea Station on the 407 Transitway Corridor. The Ministry of Transportation has not recommended a 407 Transitway Corridor stop at Bramalea GO Station. It would be a great improvement to the transit network and Metrolinx's mobility improvements if the 407 transitway aligns with the Bramalea GO Station.

Bramalea GO Station is intended to be a significant mobility hub, and a high-density employment suburban office intensification opportunity within the City of Brampton, and the Region of Peel. Further, its location on the Kitchener GO transit line means that it is one of the few corridors within Peel Region that is intended to be transformed through the Rapid Express Rail service, and perhaps potentially impacted by a high-speed rail corridor.

Previous communication with the 407 Transitway team in August 2017 indicated that due to several factors, the determination was made to keep the 407 Transitway alignment on the south side of Highway 407. These factors included: ridership study results, mainline travel time penalties, the opportunity to provide interlining services, the need to build two 407 ETR overpasses, and the requirement for two bridges over Spring Creek.

Ensuring a direct link to the 407 Transitway within the Bramalea GO Station area would facilitate true Greater Golden Horseshoe-wide connectivity. Residents living

/1

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Appendix A Continued: Letter - 407 Transitway Station Planning at Bramalea GO Station

in Waterloo, Kitchener, Guelph, Brampton, and Mississauga could pursue livelihood opportunities in York Region by transferring through Bramalea GO Station to the 407 Transitway to get to urban growth centres such as Vaughan Corporate Centre, Richmond Hill/Langstaff Gateway, and Markham Centre, and vice versa. Further still, residents could connect to the Pearson airport area employment megazone, through a 407 Transitway Station, within the Bramalea GO Station area.

Regional staff hereby requests a closer examination of the detailed assumptions and data, that informed the recommendation, leading to the exclusion of the Bramalea GO Station stop. In addition, we are interested in knowing how this project and the recommendation regarding the Bramalea GO Station stop aligns with the 407 Corridor Rail Freight Bypass, for which an agreement in principle was established between the Government of Ontario and CN in 2016.

We look forward to your positive response and would be pleased to meet to discuss.

Sincerely,

Arvin Prasad MPA, RPP, MCIP
arvin.prasad@peelregion.ca
Director
Integrated Planning, Public Works
Region of Peel

Gary Kocialek, P.Eng
gary.kocialek@peelregion.ca
Director
Transportation, Public Works
Region of Peel

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Appendix B: MTO Proposal and Region of Peel's Easement

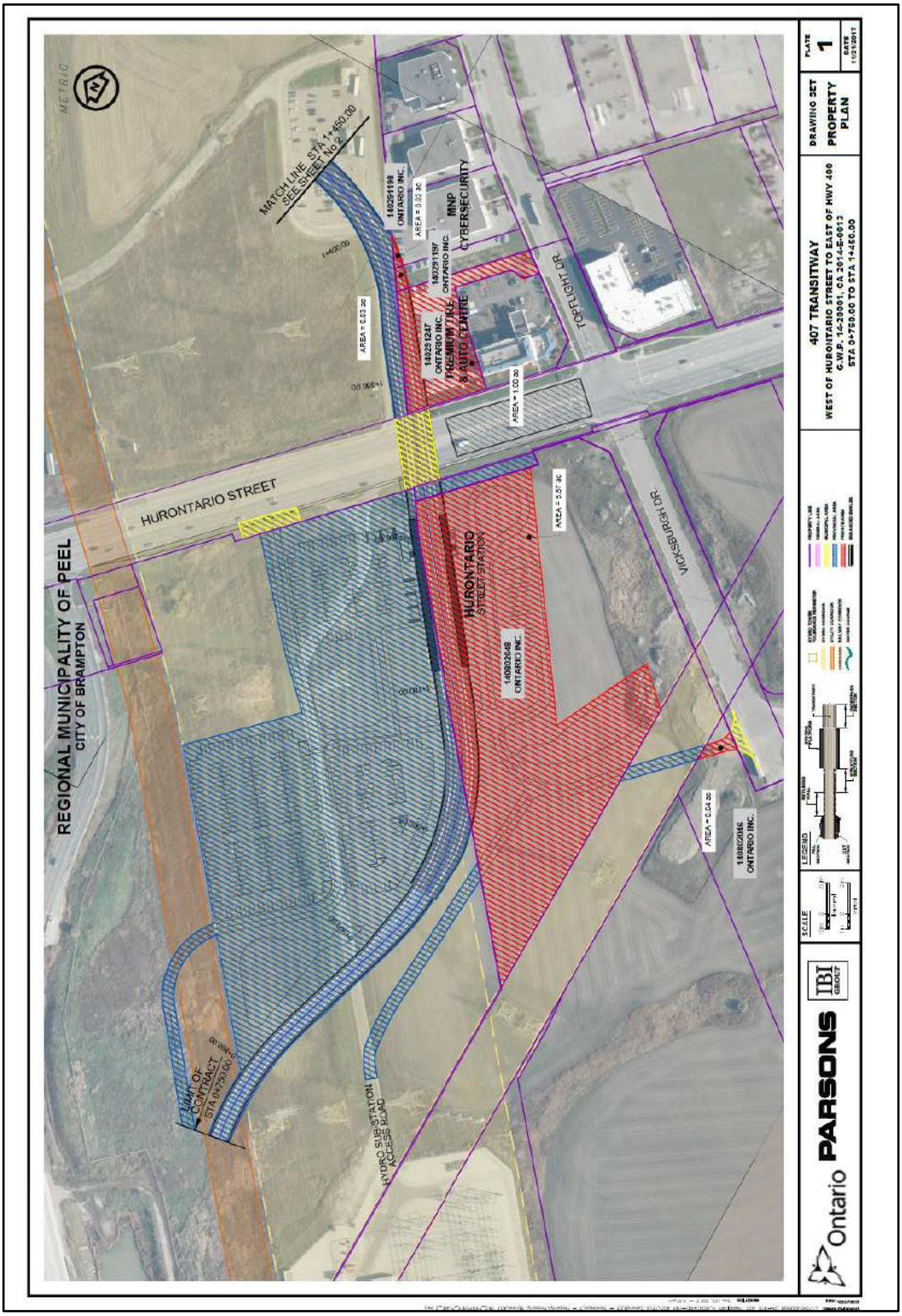

Figure 1: MTO Proposal

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Appendix B Continued: MTO Proposal and Region of Peel's Easement

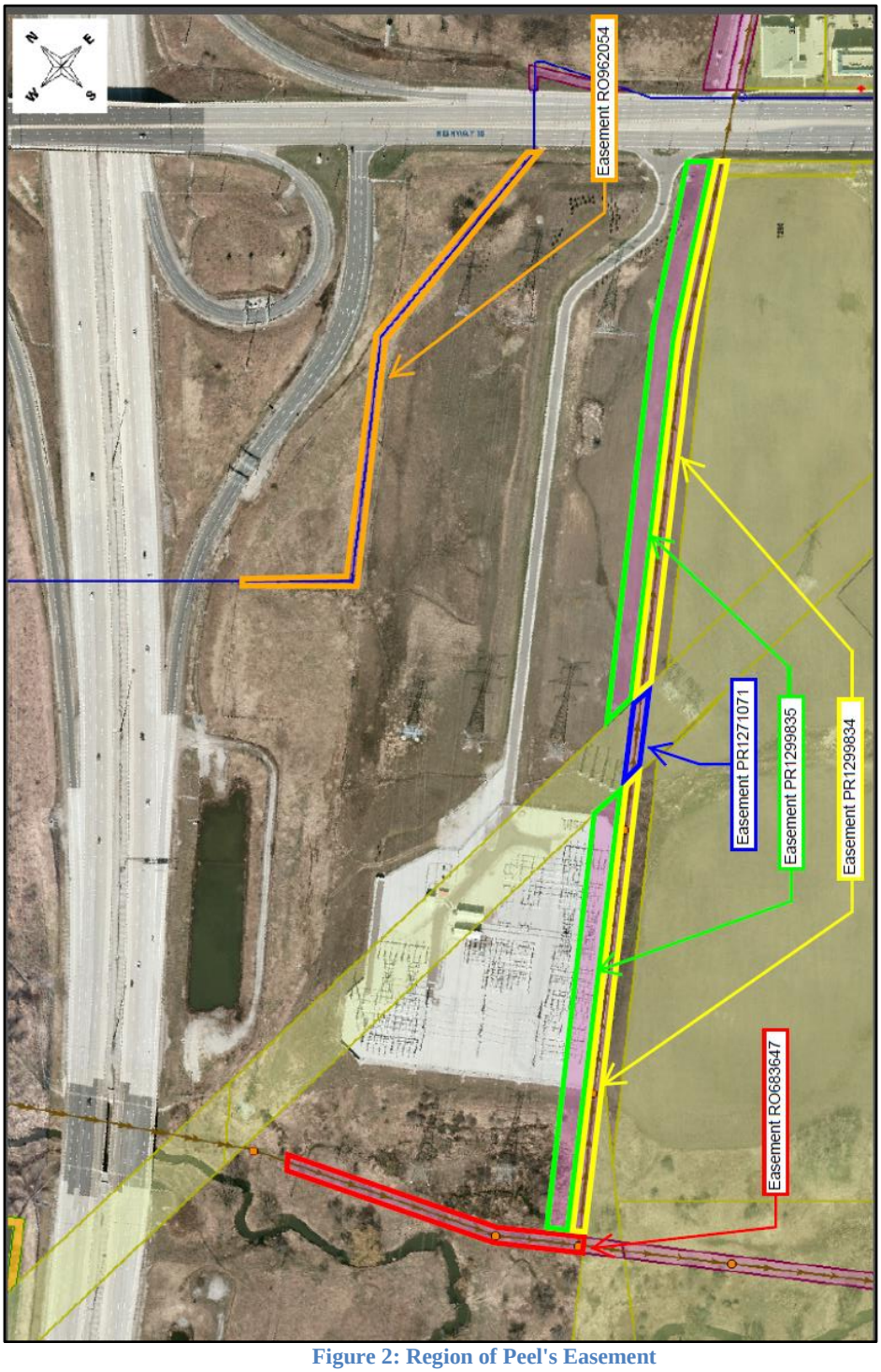
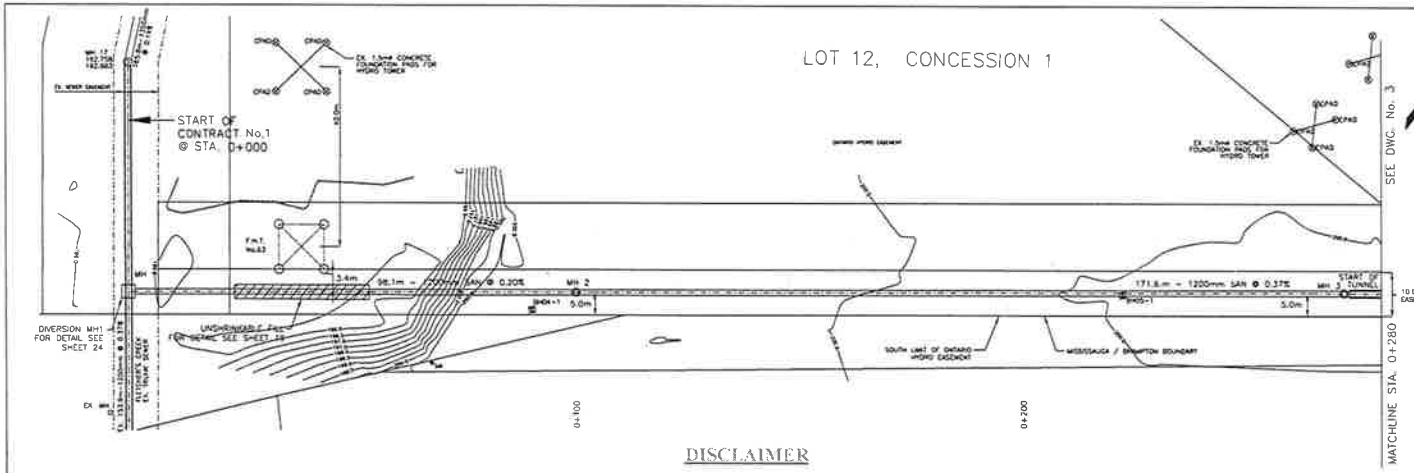


Figure 2: Region of Peel's Easement

Please note the Easement outlined in Green (PR1299835) was for temporary purposes and has since been extinguished.



DISCLAIMER

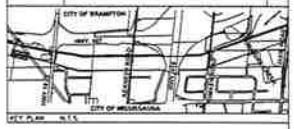
These records are based upon available and unverified information and may prove inaccurate. The Region of Peel disclaims any responsibility should these records be relied upon to the detriment of any person.

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN. SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			ONT. HYDRO		
PARKS & REC.			CITY		
ONT. CLEAN WATER					

REVISIONS

DATE	DETAILS	INIT.
22 AUG. 2007	TUNNEL LENGTH REVISED	T.M.
24 JULY 2009	CONSTRUCTION RECORD	W.S.



BENCHMARK 939 (ELEV = 184.283m)

CITY OF MISSISSAUGA BENCHMARK. PLATE MOUNTED HORIZONTALLY ON TOP OF THE SOUTH SIDE OF CONCRETE FOR A STORM WATER CATCHBASIN IN THE DITCH ON THE WEST SIDE OF TOMKEN ROAD 170m NORTH OF GANA COURT. 3m WEST OF THE WESTERLY CURB ON TOMKEN ROAD, AND 24m NORTH OF THE CURB FOR ENTRANCE TO HUNT INDUSTRIES

BENCHMARK 958 (ELEV = 202.311m)

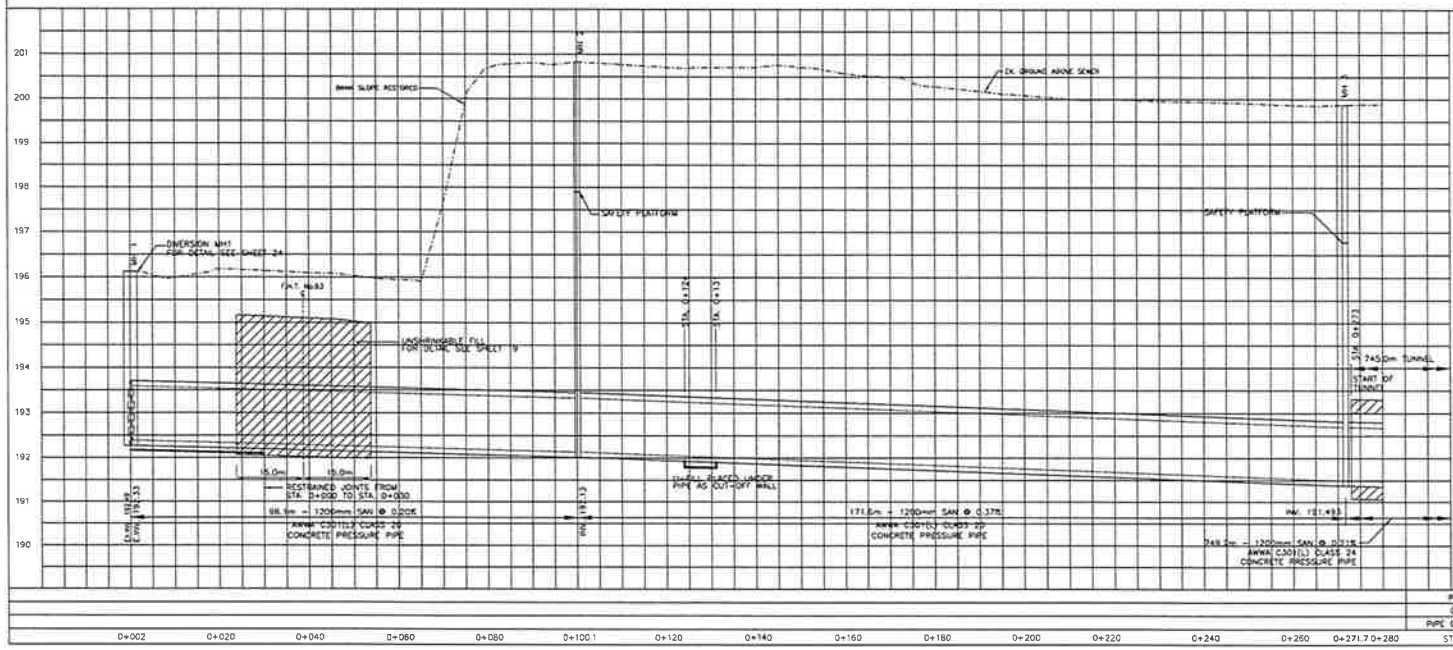
CITY OF MISSISSAUGA BENCHMARK. PLATE MOUNTED HORIZONTALLY IN CONCRETE PAD IN FRONT OF THE TRAFFIC LIGHT CONTROL BOX LOCATED ON SOUTHWEST CORNER OF INTERSECTION OF HURONTARIO STREET AND DERRY ROAD.

CONSTRUCTION RECORD

CONSTRUCTION PERIOD JUNE 15, 2007 TO JULY 2009

Disclaimer

The information contained on this Construction Record Drawing in part may be based upon data provided by others. KMK Consultants Limited believes this data to be reliable but has not verified its completeness or accuracy and therefore cannot take responsibility for any errors or omissions. All data should be field verified.



General Notes

- All Driveways ASPHALT Unless Otherwise Noted.
- All Service Locations Are Approximate And Must Be Located Accurately In The Field
- Denotes Building - Not Located
- Denotes Building Location
- Type 'B' Bedding Unless Otherwise Noted (SAM)

BM No. Geo

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction Location of Existing Utilities Approximate Only, To Be Verified In Field By Contractor

KMK Consultants Limited

ORIGINAL SIGNED BY: A. S. HUNDAL

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT
CITY OF BRAMPTON WORKS DEPT
TOWN OF CALEDON WORKS DEPT
BELL TELEPHONE COMPANY
CONSUMERS GAS COMPANY
MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ELECTRIC POWER COMM OF ONTARIO
HYDRO ELECTRIC COMM CITY OF MISSISSAUGA
HYDRO ELECTRIC COMM CITY OF BRAMPTON
CABLE TELEVISION

10m 0 10 20 30m HORIZONTAL SCALE

1m 0 1 2 3m VERTICAL SCALE

Region of Peel
Working for you

1200mm SANITARY SEWER DIVERSION

CONTRACT No. 1

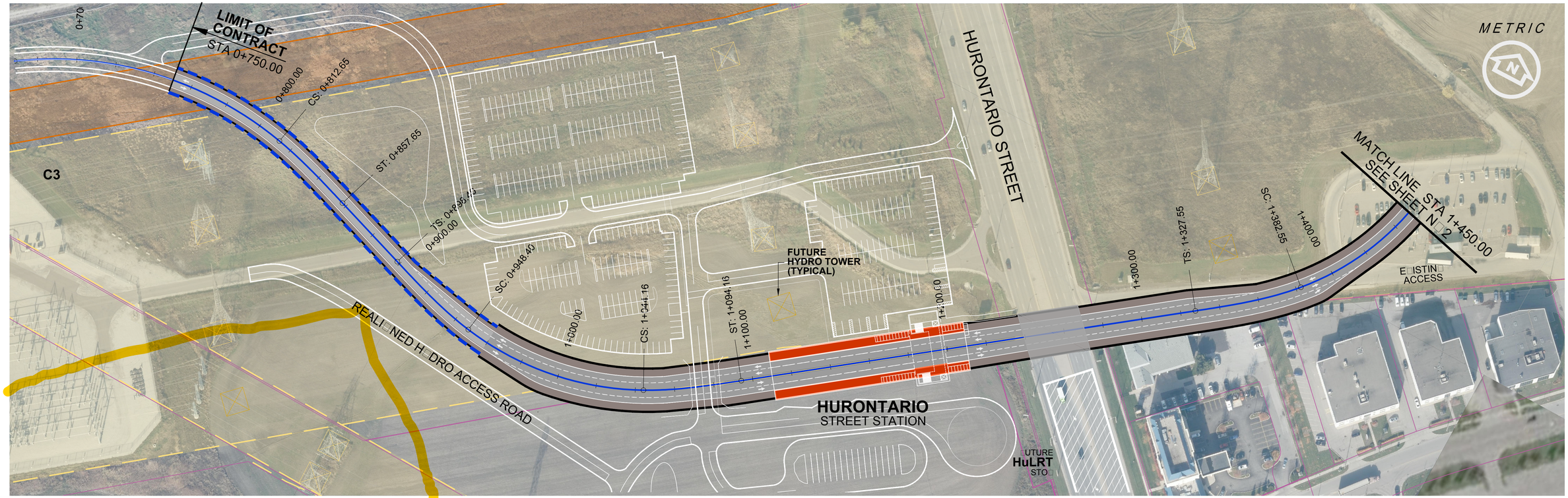
HYDRO EASEMENT

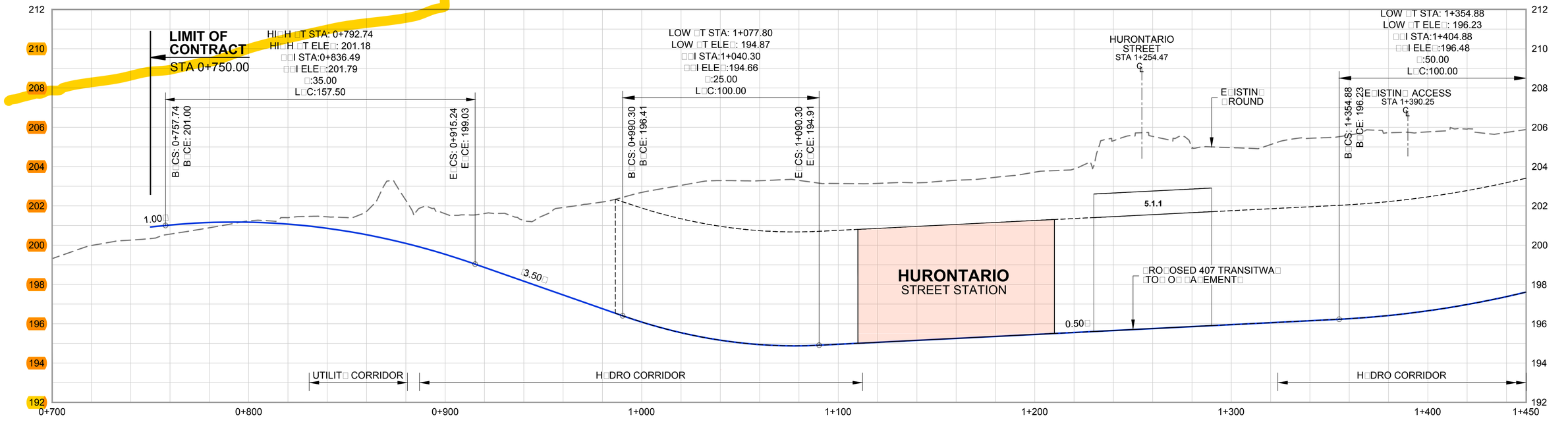
STA. 0+000 TO STA. 0+280

Date: OCT. 2005	Checked by: A.H./T.M.	Drawn by: A.S.	Ref. No. 2726.01-A-7
Sheet 2 of 29	Project No. 03-2280	Page No. 39365-D	

2726.01-A-7

39365-D

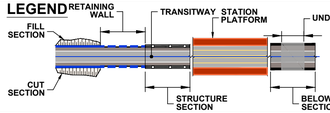




SCALE

10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND



TRANSIT MOVEMENT
RAILWAY CORRIDOR
EXISTING PROPERTY LINE
WATER COURSE
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
E5 WATER CROSSING
5.1.1 STRUCTURE REFERENCE NUMBER

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 0+7□0.00 TO STA 1+140.00

DRAWING SET
PLAN □□d
PROFILE

PLATE 1

DATE 12/08/2017

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TT\5 General\03 - Drawings\6 - Plates\EPR Plates\CURRENT\407 TW3_PLATE_1.dwg
MODIFIED: Dec 14, 2017 3:32pm
CREATED: RM3

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

April 11, 2018

Arvin Prasad
Director
Integrated Planning, Public Works
Region of Peel
10 Peel Centre Drive, Suite A
Brampton, Ontario
L6T 4B9

and

Gary Kocialek
Director
Transportation, Public Works
Region of Peel
10 Peel Centre Drive, Suite A
Brampton, Ontario
L6T 4B9

Dear Mr. Prasad and Mr. Kocialek:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001

Thank you for your letter dated January 23, 2018 that was submitted to the Project Team at the Public Information Centre that took place at the Greenbriar Recreation Centre in Brampton on January 23, 2018 for the 407 Transitway from west of Hurontario Street to East of Highway 400. The purpose of this letter is to provide a response to the issues identified in your letter.

You expressed concerns regarding the prioritization and alignment recommendation for Bramalea Station on the 407 Transitway corridor as MTO has not recommended a 407 Transitway Corridor stop at the Bramalea GO Station. You noted that it would be a great improvement to the transit network and Metrolinx's mobility improvements if the 407 Transitway aligns with the Bramalea GO Station. You provided information about the importance of the Bramalea GO Station within the City of Brampton and Region of Peel, and noted that its location on the Kitchener GO transit line means that it is one of the few corridors within the Region of Peel that is intended to be transformed through the Rapid Express Rail service, and perhaps potentially impacted by a high-speed rail corridor. You also noted that ensuring a direct link to the 407 Transitway within the

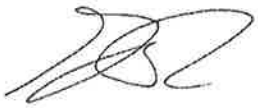
Bramalea GO Station area would facilitate true Greater Golden Horseshoe-wide connectivity. Region of Peel staff have requested a closer examination of the detailed assumptions/data that informed the recommendation leading to the exclusion of the Bramalea GO Station stop.

As noted in previous correspondence and in various meetings, a potential Bramalea Road/Torbram Road Station was identified, evaluated and presented at the first Technical Resource Group meeting in November 2016 and at Public Information Centre #1 in December 2016. The ridership study conducted did not indicate that forecast passenger transfer would justify a direct connection of the Transitway with the Bramalea GO station, due to a number of negative factors such as high-cost bridging over Highway 407 ETR twice, alignment geometry challenges due to existing infrastructure, travel time penalties for a longer alignment, private property impacts etc. Additionally, the ridership study showed higher ridership demand from Bramalea City Centre, rather than the GO station, which is better captured through the interlining opportunity as it allows service to both the City Centre and the GO Station. This interlining connection is illustrated in Chapter 4 – Identification of Alternatives and Evaluation Process, Section "Segment C.2: West of Tomken Road to East of Torbram Road – Bramalea Road Area", Figure 4.7C of the Environmental Project Report. Table 4.4D in Chapter 4 provides additional information on the alternative alignments that were evaluated for the 407 Transitway in the Bramalea Road area as part of this study, noting that all alignment options to directly connect the Transitway with the Bramalea GO Station would involve two bridges over the 407 ETR core lanes.

You also asked how the 407 Transitway and the recommendation regarding the Bramalea GO Station stop aligns with the 407 Corridor Rail Freight Bypass, for which an agreement in principle was established between the Government of Ontario and CN in 2016. Since the PIC date, Metrolinx informed the 407 Transitway Project Team that they will be preparing a future environmental assessment for the separation of passenger and freight rail services on the GO Transit Kitchener rail corridor. The EA will review alternatives, including those identified in previous Metrolinx feasibility studies. These alternatives include alignments running parallel to and within the 407 ETR / Parkway Belt West Plan Corridor. Metrolinx is aware of the 407 Transitway project and its timelines.

Should you have any other concerns regarding this project or if you would like to meet with the Project Team to discuss these issues further, please contact me directly. Region of Peel staff on the project contact list will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform Region of Peel staff of opportunities to review the Report).

Yours sincerely,



Graham DeRose
Project Manager

c.c. Larry Sarris, Senior MTO Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited
Leslie Woo, Chief Planning Officer, Planning and Policy, Metrolinx

From:	Liz Speller
To:	Liz Speller
Subject:	FW: Transit Project Assessment
Date:	July-07-18 9:11:21 AM

From: O'Donnell, Tracy [mailto:tracy.o'donnell@peelregion.ca]
Sent: Thursday, April 26, 2018 8:21 AM
To: kingcity@lgl.com
Cc: McColm, Patrick
Subject: Transit Project Assessment

To the attention of: Grant Kauffman
Graham DeRose
Larry Sarris
Chris Bishop

Please be advised that our interest in the study and any subsequent construction or development is limited to being kept aware of any closures, detours or hazards that would limit or impede access to the area or those areas of the community which would require our response to traverse through the study/construction area.

Please ensure that we are advised well in advance so that we can disseminate the information on alternate routes or anticipated delays. The notification should be sent to zzg-PeelEMS@peelregion.ca

Regards,

Tracy O'Donnell, Coordinator, Paramedic Standards
Fernforest Administration Offices & Reporting Station
1600 Bovaird Dr. E., Brampton, ON L6R 3S8
Phone: 905-791-7800 x3979
Tracy.O'Donnell@peelregion.ca
REGION OF PEEL **working with you**

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Liz Speller

From: Liz Speller
Sent: June-27-18 2:17 PM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: 06 - PeelRegion - Final.pdf

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: May-16-18 5:10 PM
To: Hui, Gordon <gordon.hui@peelregion.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Graham.DeRose@ontario.ca; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Gordon,

Attached are responses to Peel Region's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

May 16th, 2018

Gordon Hui
Principal Planner (A)
Transportation System Planning, Region of Peel
10 Peel Centre Drive, Suite B, 4th Floor
Brampton, ON L6T 4B9

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Hui,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to the Region of Peel's comments which were received on January 26th, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

CITY OF BRAMPTON

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: November-04-15 9:22 AM
To: Elizabeth Speller
Subject: FW: 407 Transitway Planning & Preliminary Design Study
Attachments: DOC.PDF

-----Original Message-----
From: Rieger, Doug [mailto:Doug.Rieger@brampton.ca]
Sent: October-30-15 11:51 AM
To: George Ivanoff <givanoff@lgl.ca>
Subject: 407 Transitway Planning & Preliminary Design Study

Hi George,

Attached is the form regarding the 407 Transitway Planning & Preliminary Design Study.

Brampton Transit is very interested in this study as our services will connect to the stations and we could also see our buses operating in a section of the Transitway.

Please let me know if you have any questions or concerns.

Regards,

Doug Rieger
Manager, Service Development
Brampton Transit
185 Clark Blvd., Brampton ON L6T 4G6
Phone: 905-874-2750, X 62349
Fax: 905-874-2799
E-mail: doug.rieger@brampton.ca

Please review the City of Brampton e-mail disclaimer statement at:
http://www.brampton.ca/EN/Online-Services/Pages/Privacy-Statement.aspx

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Alex Milojevic
Director, Transit
City of Brampton
185 Clark Boulevard
Brampton, Ontario
L6T 4G6

Update contact information if necessary
DOUG RIEGER
MANAGER, SERVICE DEVELOPMENT
BRAMPTON TRANSIT
185 CLARK BLVD
BRAMPTON, ON L6T 4G6
905-874-2750 X62349
doug.rieger@brampton.ca

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☑

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____

_____

_____

_____

_____

_____

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

RECEIVED
OCT 30 2015
BY LGL LIMITED

Liz Speller

From:	George Ivanoff
Sent:	November-30-15 3:12 PM
To:	Liz Speller
Subject:	FW: Correspondence from Marilyn Ball, Acting CAO - City of Brampton
Attachments:	LGL_ltd.pdf

From: Guiomar, Fatima [mailto:Fatima.Guiomar@brampton.ca]
Sent: November-30-15 2:47 PM
To: George Ivanoff <givanoff@lgl.ca>
Subject: Correspondence from Marilyn Ball, Acting CAO - City of Brampton

Forwarding on behalf of Marilyn Ball . . .

Thanks

Fatima Guiomar
Coordinator, Office of the CAO
Fatima.guiomar@brampton.ca

City of Brampton | 2 Wellington Street W | Brampton, ON L6Y 4R2
T: 905.874.2625 F: 905.874.2695

BRAMPTON
brampton.ca Flower City

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www.brampton.ca/en/Info-Centre/Pages/Privacy-Statement.aspx

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Ms. Marilyn Ball
Chief of Planning & Infrastructure Services Officer
City of Brampton
2 Wellington Street West
Brampton, Ontario
L6R 4R2

Update contact information if necessary

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☑

I will be providing background information related to this study by the date specified. ☑

I am interested in receiving the following additional information about the study: ☐

Project updates and responses to input from City of Brampton staff and City Council.
A Ball.

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE

407 Transitway

December 6, 2016
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

December 8, 2016
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **January 9, 2017** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, Ontario, L3R 9R9
Tel: 905-943-0505
Fax: 905-943-0400
E-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5272
E-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

- Please look into the need for a Transitway stop for the Bramalea GO Station.
- Parking may be dual use due to the Transitway and all day GO. This may cause issues for residents.
- An EA is planned for Bramalea Road from Queen St to the South City Limit by the City of Brampton. Coordination with the City is requested.
- Torbram Road EA has been completed from Queen St to South City limit. Please consider this EA in your study.
- Torbram Road has plans for two grade separation at the railway tracks.

Thank you for your participation.

Comments and information regarding this study are being collected to assist in meeting the requirements of the *Environmental Assessment Act*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes [X] No [ ]

PLEASE PRINT CLEARLY

Name: INDERJIT HANS

Address: 8850 McLaughlin Road South, Unit 2 Brampton

Postal Code L6Y 5T1 Telephone: 905 874 5587

E-mail: inderj.t.hans@brampton.ca

LGL LIMITED
environmental research associates

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

February 21, 2017

Inderjit Hans
Project Engineer
City of Brampton
8850 McLaughlin Road South, Unit 2
Brampton, Ontario
L6Y 5T1

Dear Inderjit Hans:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
Public Information Centre #1 Response Letter

Thank you for completing and submitting a comment form at the Public Information Centre that took place at the Greenbriar Recreation Centre in Brampton on December 6, 2016 for the 407 Transitway Study. The purpose of this letter is to provide a response to the issues identified in your letter.

You requested that the project team review the need for a Transitway stop at the Bramalea GO Station. You noted that parking may be dual use due to the Transitway and all day GO, and that this may cause an issue for residents. At this stage of the project, a station facility at Bramalea Road has not yet been defined.

You confirmed that an EA is planned for a Bramalea Road Expansion from Queen Street to the south city limits by the City of Brampton, and requested that the project team coordinate with the City regarding this EA. The project team will coordinate with the City of Brampton regarding the Bramalea Road EA. The 407 Transitway Team would appreciate being updated by the City of Brampton in reference to the Bramalea Road Expansion EA.

Lastly, you noted that the Torbram Road EA has been completed from Queen Street to the south city limits, and requested that the project team consider this EA during the 407 Transitway study. You confirmed that Torbram Road has plans for two grade separation at the railroad tracks. The project team will take into consideration the Torbram Road EA, and contact the City as required to coordinate adequately integration between the two projects.

Should you have any other concerns regarding this project or if you would like to meet with the project team to discuss these issues further, please feel free to contact us.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Liz Speller

From: Kerslake, Holly
Sent: Tuesday, April 18, 2017 9:50 AM
To: Boyce, Derek
Subject: RE: 407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields

Thanks Derek!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Boyce, Derek [mailto:Derek.Boyce@brampton.ca]
Sent: Tuesday, April 18, 2017 9:23 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields

Thanks Holly. Looks good to me.

Derek Boyce
Director, Recreation
T: 905.874.2358

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2017/04/13 5:18 PM
To: Boyce, Derek <Derek.Boyce@brampton.ca>; Hardy, Garry <Garry.Hardy@brampton.ca>; Mete, Jake <Jake.Mete@brampton.ca>; Bodrug, Steve <Steve.Bodrug@brampton.ca>; Bommer, Teri <Teri.Bommer@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; Kwast, Tamara <Tamara.Kwast@brampton.ca>; Schiau, Michelle <Michelle.Schiau@brampton.ca>
Cc: Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Spencer, John <John.Spencer@brampton.ca>; Hans, Inderjit <Inderjit.Hans@brampton.ca>
Subject: RE: 407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields

Hi Everyone,

Attached are a draft of the meeting minutes from the Brampton Soccer Fields meeting held at the City of Brampton on March 8th, 2017. My apologies on the delay in getting these minutes out to everyone.

Please review and provide any corrections/comments. If all comments could be received by COB Monday April 24th, that would be greatly appreciated.

Thanks and have a great long weekend!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, March 08, 2017 4:57 PM
To: 'Derek.Boyce@brampton.ca' <Derek.Boyce@brampton.ca>; 'Garry.Hardy@brampton.ca' <Garry.Hardy@brampton.ca>; Mete, Jake <Jake.Mete@brampton.ca>; Bodrug, Steve <Steve.Bodrug@brampton.ca>; Bommer, Teri <Teri.Bommer@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; Kwast, Tamara <Tamara.Kwast@brampton.ca>; 'Michelle.Schiau@brampton.ca' <Michelle.Schiau@brampton.ca>
Cc: 'Allan Ortlieb' <Allan.Ortlieb@IBIGroup.com>; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Spencer, John <John.Spencer@brampton.ca>; 'Inderjit.Hans@brampton.ca' <Inderjit.Hans@brampton.ca>
Subject: RE: 407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields

Hi Everyone,

Thank-you for your attendance at today's meeting – it was great meeting everyone. As promised, attached is the slide deck (with corrections). I have also included links below to the project website and the PIC #1 boards (from early December).

Project Website:
http://www.407transitway.com/hurontarioTo400/[407transitway.com]

PIC #1 Boards:
http://www.407transitway.com/hurontarioTo400/downloads/407TransitwayHurontariotoHwy400_PIC1_FINAL.pdf[407transitway.com]

Meeting minutes will follow later this week. Please give me a call if you have any questions or concerns.

Thanks again!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: Kerslake, Holly
Sent: Wednesday, February 08, 2017 1:25 PM
To: Kerslake, Holly; Inderjit.Hans@brampton.ca; Vicki.Wong@brampton.ca; Derek.Boyce@brampton.ca; Jim.Pitman@brampton.ca; Garry.Hardy@brampton.ca; Craig.Booth@brampton.ca; Zbogar, Henrik; DeRose, Graham (MTO); Garron, Gus; r.minnesconsulting@gmail.com; Allan Ortlieb; juanita.yundt@brampton.ca; Michelle.Schiau@brampton.ca

Liz Speller

Subject:	407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields
Location:	Brampton Offices, Room TBD
Start:	Wed 3/8/2017 2:00 PM
End:	Wed 3/8/2017 3:00 PM
Show Time As:	Tentative
Recurrence:	(none)
Meeting Status:	Not yet responded
Organizer:	Kerslake, Holly
Required Attendees:	'Inderjit.Hans@brampton.ca'; 'Vicki.Wong@brampton.ca'; 'Derek.Boyce@brampton.ca'; 'Jim.Pitman@brampton.ca'; 'Garry.Hardy@brampton.ca'; 'Craig.Booth@brampton.ca'; Zbogar, Henrik; DeRose, Graham (MTO); Garron, Gus; r.minnesconsulting@gmail.com; Allan Ortlieb; juanita.yundt@brampton.ca

Based on availability received, the following date and time has been selected. Please forward to anyone who has been missed and should attend.

Juanita will book a room at your offices and send out the location details to everyone.

Hi Everyone,

Parsons Inc. has been retained by MTO to undertake the Environmental Assessment and Preliminary Design of the 407 Transitway Hurontario St. to Highway 400. This project includes approximately 23 km of dedicated Transitway running parallel to Highway 407 and 8 Transitway Stations. The Environmental Assessment will be developed under the Transit Project Assessment Process (TPAP). Below is a map of the study area for your reference.

Henrik Zbogar from the City of Brampton, who has been attending stakeholder meetings for this project, has passed your contact information on to me. The project team was hoping to set up a

meeting with you in early March to discuss potential impacts the existing soccer fields in the Dixie Road/407 ETR area (attached slide from PIC #1 held in early December 2016).

Regards,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group

625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com

Desk : +1 905.943.0446

Cell : +1 647.467.8379

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Dixie Station and Soccer Field...

From: Garron, Gus
Sent: Wednesday, March 8, 2017 4:54 PM
To: Boyce, Derek; Kerslake, Holly; DeRose, Graham (MTO); r.minnesconsulting@gmail.com; Allan Ortlieb
Cc: Bodrug, Steve
Subject: RE: 407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields

Hello Derek

It was also a pleasure meeting with you and the City of Brampton team. You will receive material from the meeting promptly. We believe it was a very productive meeting, and after the discussion, we feel confident that a Dixie Road Station layout that avoids impact to the cricket fields, and reduces impacts to the soccer fields, can be achieved.

We will advise when we have material ready to discuss with senior leadership, the Bramalea Station issues, and alternatives assessment. Your cooperation was much appreciated.

Regards,

Gus

From: Boyce, Derek [mailto:Derek.Boyce@brampton.ca]
Sent: Wednesday, March 08, 2017 3:33 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>
Cc: Bodrug, Steve <Steve.Bodrug@brampton.ca>
Subject: RE: 407 Transitway - Hwy 400 to Hurontario - Brampton Soccer Fields

Good afternoon,

It was a pleasure meeting with you this afternoon, and I look forward to our next discussion. If the materials from that meeting could be forwarded that would be great, and as discussed, I will be inviting some of our senior leadership to our next meeting to engage in both this discussion as well as the broader discussion.

Look forward to meeting with you soon.

Regards,

Derek Boyce
Director, Recreation
T: 905.874.2358

Liz Speller

From:	Liz Speller
Sent:	Monday, September 25, 2017 4:53 AM
To:	Liz Speller
Subject:	FW: Comments on 407 Transitway Project

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Monday, April 03, 2017 11:36 AM
To: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>
Cc: Duyvestyn, Chris <Chris.Duyvestyn@brampton.ca>; Zbogar, Henrik <Henrik.Zbogar@brampton.ca>; Rieger, Doug <Doug.Rieger@brampton.ca>; Holmes, Jayne <Jayne.Holmes@brampton.ca>; Garron, Gus <Gus.Garron@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: Comments on 407 Transitway Project

Hello Bishnu,

The project team has determined that a 407 Transitway station at Kennedy Road (Peel Region) is not feasible and will not be including in our on-going EA study (from west of Hurontario Street to east of Highway 400) due to the following reasons:

- Configuration of available land between Kenendy Road and the Highway 407 ETR W-S ramp does not allow for the accommodation of a 407 Transtiway standard alignment that could provide sufficient tangent for a station platform and required station features.

- The Ministry has been made aware that Metrolinx has planned for the Hurontario LRT Operations, Maintenance and Storage Yard are to be located on the lands west of Kennedy Road.

- Ridership forecasts (considering future Zum service on Kennedy Road) would not justify the station facility cost.

The 407 Transitway project team would like to further discuss current and future Zum service connections to the 407 Transitway, at all stations that will potentially be serviced by Zum.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Parajuli, Bishnu [mailto:Bishnu.Parajuli@brampton.ca]
Sent: March 30, 2017 9:46 AM
To: DeRose, Graham (MTO); k.eldalati@parsons.com
Cc: Duyvestyn, Chris; Zbogar, Henrik; Rieger, Doug; Holmes, Jayne
Subject: Comments on 407 Transitway Project

Hi Graham and Khaled,

In additional to our previous comments, please find the following comment from the City of Brampton on the 407 Transitway Project.

The City of Brampton has a future plan to introduce Züm bus service on Kennedy Road. To maintain improved transit connectivity and seamless transfer, it is appropriate to connect the Züm bus service to the 407 Trasnitway with a 407 Trasnitway station at Kennedy Road. Providing Transitway station at Kennedy Road will also help maintain appropriate spacing between stations given that a station at Highway 410 is being eliminated.

Therefore, we request MTO to consider a 407 Transitway station at Kennedy Road, either at the beginning of operations for the 407 Transitway, or to protect for a future station with the opportunity to add the station in the future when the Kennedy Road Züm line is operational.

Please let me know if you have any questions.

Thank you,

Bishnu Parajuli, M.A.Sc., P.Eng.
Manager, Infrastructure Planning
Public Works and Engineering
City of Brampton
8850 McLaughlin Road, Unit 2, Brampton, ON L6Y 5T1
Tel: (905) 874 3644, Fax: (905) 874 2505
Email: bishnu.parajuli@brampton.ca

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www.brampton.ca/en/Info-Centre/Pages/Privacy-Statement.aspx[brampton.ca]

Liz Speller

From: Spencer, John <John.Spencer@brampton.ca>
Sent: January-06-18 8:28 AM
To: Liz Speller
Subject: Re: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Thanks. Some people no longer with the city but you have a good cross section of affected people/departments.

John Spencer, MCIP, RPP
Manager, Parks Planning
Policy Planning Division
Planning and Development Services Department
City of Brampton |D: 905-874-3954 | C: 416-806-1432|
john.spencer@brampton.ca

From: Liz Speller <lspeller@lgl.ca>
Sent: January 5, 2018 5:28:58 PM
To: Spencer, John
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Hi John,

We have a long list of City of Brampton staff on the contact list for the 407 Transitway project – based on the original contact list, correspondence with the City, and attendance at PIC #1 and various meetings. I have attached a list. If there are any City of Brampton staff that we can remove, please let me know.

Thanks,
Liz

From: Spencer, John [mailto:John.Spencer@brampton.ca]
Sent: January-05-18 5:17 PM
To: Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Can you tell me who else at the City of Brampton you have sent this too?

John Spencer, MCIP, RPP
Manager, Parks & Facility Planning Section
Environment & Development Engineering Division
Public Works & Engineering Department
City of Brampton |D: 905-874-3954 | C: 416-806-1432|
john.spencer@brampton.ca

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: 2018/01/05 3:59 PM

To: Spencer, John <John.Spencer@brampton.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Good afternoon Mr. Spencer,

Please find attached an invitation letter to Public Information Centre #2 for the 407 Transitway from west of Hurontario Street to east of Highway 400.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

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www.brampton.ca/en/Info-Centre/Pages/Privacy-Statement.aspx

Liz Speller

From: Liz Speller
Sent: June-27-18 12:46 PM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: 407 Transitway Heritage Comments_January 2018.pdf

From: Mohammad, Ghazanfar [mailto:Ghazanfar.Mohammad@brampton.ca]
Sent: January-30-18 4:19 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,
Please see attached additional comments from Heritage Planning, City of Brampton on the subject project.
Thanks.

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

From: Mohammad, Ghazanfar
Sent: 2018/01/26 9:34 AM
To: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,
The extension of submission date from Jan 24th to Jan 26th and the opportunity of meeting the project team in the PIC-2 enabled us to collect some additional comments from the city staff. I have attached the updated version of City consolidated memo on the subject for consideration. City's Heritage Planning section has requested for some further extension by couple of days for submission of their comments. I will forward those additional comments to you as soon as I receive from them.

Thanks and have a wonderful day.

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2018/01/23 11:53 AM
To: Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Cc: Graham.DeRose@ontario.ca; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Ghaz,

Thank-you for taking the time to review through the Draft EPR material and providing your attached comments. All comments will be responded to and addressed in the Final EPR document.

Please give me a call if you have any additional questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Mohammad, Ghazanfar [mailto:Ghazanfar.Mohammad@brampton.ca]
Sent: Tuesday, January 23, 2018 11:42 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,
Please see attached City of Brampton consolidated comments on the subject received from various groups till date. If I receive any additional comment, I will forward an addendum to this memo. You can expect City's representatives in External Agencies meeting (3 to 4PM) as well as in the PIC today.

Please let me know if you have any questions or concerns.

Thanks and have a wonderful day.

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

From: Mohammad, Ghazanfar
Sent: 2018/01/02 10:27 AM
To: Monaghan, David <David.Monaghan@brampton.ca>; Kummer, Craig <Craig.Kummer@brampton.ca>; Farrell, Laurian <Laurian.Farrell@brampton.ca>; Liu, Maggie <Maggie.Liu@brampton.ca>; Zbogar, Henrik <Henrik.Zbogar@brampton.ca>; Beirnes, Shane <Shane.Beirnes@brampton.ca>; Fantin, John <John.Fantin@brampton.ca>; Rieger, Doug <Doug.Rieger@brampton.ca>; Fagan, Edward <Edward.Fagan@brampton.ca>; Kocialek, Tim <Tim.Kocialek@brampton.ca>; Allison, John <John.Allison@brampton.ca>; Cutler, Nigel <Nigel.Cutler@brampton.ca>; Minichillo, Antonietta <Antonietta.Minichillo@brampton.ca>; Debnath, Madhuparna <Madhuparna.Debnath@brampton.ca>; Chan, Michael <Michael.Chan@brampton.ca>; Duyvestyn, Chris <Chris.Duyvestyn@brampton.ca>; Bodrug, Steve <Steve.Bodrug@brampton.ca>; Mete, Jake <Jake.Mete@brampton.ca>; Kwast, Tamara <Tamara.Kwast@brampton.ca>; Bommer, Teri <Teri.Bommer@brampton.ca>; Hardy, Garry <Garry.Hardy@brampton.ca>; Schiau, Michelle <Michelle.Schiau@brampton.ca>; Boyce, Derek <Derek.Boyce@brampton.ca>; Schiau, Michelle <Michelle.Schiau@brampton.ca>
Cc: Parajuli, Bishnu <Bishnu.Parajuli@brampton.ca>; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hi Everyone, Good Morning and a happy new year.

Please see in the email below information about the subject project. The draft EPR report can be reached at the highlighted link with the mentioned User Name and Password. Please review and send me your comments, if any latest by January 20th. I will forward a consolidated City comments to Holly of PARSONS.

Thanks and have a wonderful day.

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

January 23, 2018

Hello Ghaz,

Thank you for your comments. The project team will address them formally and respond accordingly. However, I am very confused by your first comment in the document under "Transportation Special Projects".

In our liaison meeting on November 16, it was communicated that the area bounded by Kennedy Road & Highway 410, south of Highway 407, would not accommodate a 407 Transitway station, as the geometrics do not allow for platforms. I did say these lands will be protected for Environmental Compensation, which may not preclude a future carpool lot on this location, but a 407 Transitway station was never promised. Given the size and restrictions of these lands, the required geometry for the Transitway alignment, needs to incorporate a station platform and the location relative to the large station at Hurontario, our EPR is correct in assessing that a 407 Transitay station at Kennedy Road is not required. Showing the lands protected for Environmental Compensation is accurate and consistent with the November 16 meeting and with previous correspondence.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

BRAMPTON
Flower City
brampton.ca

Public Works & Engineering
Capital Works

January 23, 2018

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9

RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Ms. Holly Kerslake:

We circulated the Draft EPR to the concerned groups within the City and have received the following comments to be considered.

Transportation Special Projects

In a meeting with Graham DeRose of MTO on November 16, 2017, with Chris Duyvestyn, Director and other City Staff, it was agreed to protect an area at Kennedy Road that could be used for a future 407 Transitway station to service the future redevelopment of the Powerade Centre site. MTO refer to this area as environmental compensation lands, which are shown on Plate P-2 in section 5 of the Draft EPR. However, in section 5.11 (pages 5-34 to 5-35), it states that these sites protected for environmental compensation were not selected for a station facility, which is not consistent with what we were told on Nov.16. The EPR including section 5.2-Stations, needs to be revised to include some text for the ability of the protected lands (P-2_ at Kennedy Rd to be used as a Transitway station in the future.

Traffic Signals Services

- Accesses proposed to operate as restricted to right-in and right-out movements only from and to the substation facility, should have median with one way sign on it to prevent any opposing vehicle from making the turn into the station
- Region of Peel will address any access or right of way issues for the Regional Roads

Street Lighting, Traffic Services

- All City of Brampton and Region of Peel street lighting to remain in service at all times during construction

- Any changes to City of Brampton street lighting must be approved by City of Brampton street lighting staff
- Any changes to Region of Peel street lighting must be approved by Region of Peel staff
- .6m clearance must be maintained from all underground street lighting feeds
- 1.5m clearance must be maintained between any entrances and any street light poles or equipment
- All street lighting changes must adhere to RP8-14 criteria
- All street lighting feeds must be maintained at all times
- All street lighting work done inside the City of Brampton must be inspected for assumption by City of Brampton staff upon work completion

Capital Parks Design & Construction

- Capital Parks Construction have nothing to add to the information provide to date
- As the project developments, we will want to discuss impacts to Sports fields as well as integrating streetscape elements to the proposed stations in Brampton. Such as, pedestrian connectivity, street furniture and trees.

Recreation Planning

- The 'preferred Station Alternative' on page 19 will see us losing 4 mini fields and 1 senior field. This will have a significant impact on some of our Affiliated User Groups. Is there a plan to work around this?
- What are the construction timelines? When will the fields be removed from the inventory?
- During construction will there still be access to the other fields and the parking lot?

Infrastructure Planning

- Why in the Figure E.4 of Executive Summary, the Base Spine Service route for Bramalea City Centre and GO Station is named as Torbram/Bramalea? This service is mentioned to connect only via Bramalea Road and not Torbram Road (Torbram is misspelt in the figure).
- In the Section E.2.2, the AM peak hour number 5500 should be corrected as Eastbound instead of Westbound.
- Section E.6 under Evaluation of Station Sites, it is mentioned that as a result of detailed evaluation seven stations including the Goreway Drive were identified. In contrast, in the last paragraph of Chapter 2 under Transportation Needs (pg. 2-28), it is mentioned

that the station of Goreway Drive is carried forward provisionally for detailed evaluation. Please clarify.

For any questions or concerns, please contact the undersigned.

Yours sincerely.

Ghaz Mohammad, *M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning
Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

c.c. Graham DeRose. MTO Project Manager

BRAMPTON
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Public Works & Engineering
Capital Works

January 26, 2018

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9

RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Ms. Holly Kerslake:

We circulated the Draft EPR to the concerned groups within the City and have received the following comments to be considered.

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In a meeting with Graham DeRose of MTO on November 16, 2017, with Chris Duyvestyn, Director and other City Staff, it was agreed to protect an area at Kennedy Road that could be used for a future 407 Transitway station to service the future redevelopment of the Powerade Centre site. MTO refer to this area as environmental compensation lands, which are shown on Plate P-2 in section 5 of the Draft EPR. However, in section 5.11 (pages 5-34 to 5-35), it states that these sites protected for environmental compensation were not selected for a station facility, which is not consistent with what we were told on Nov.16. The EPR including section 5.2-Stations, needs to be revised to include some text for the ability of the protected lands (P-2_ at Kennedy Rd to be used as a Transitway station in the future.

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- During construction will there still be access to the other fields and the parking lot?

Infrastructure Planning

- Why in the Figure E.4 of Executive Summary, the Base Spine Service route for Bramalea City Centre and GO Station is named as Torbram/Bramalea? This service is mentioned to connect only via Bramalea Road and not Torbram Road (Torbram is misspelt in the figure)
- In the Section E.2.2, the AM peak hour number 5500 should be corrected as Eastbound instead of Westbound
- Section E.6 under Evaluation of Station Sites, it is mentioned that as a result of detailed evaluation seven stations including the Goreway Drive were identified. In contrast, in the last paragraph of Chapter 2 under Transportation Needs (pg. 2-28), it is mentioned that the station of Goreway Drive is carried forward provisionally for detailed evaluation. Please clarify
- Roads maintenance requirements where the Transitway crosses city roads will need to be discussed
- Environmental Assessment of Bramalea road from Queen Street East to south City boundary has been initiated. City's project manager Mario Goolsarran Mario.goolsarran@brampton.ca) may be contacted for any information or input in this regard

Realty Services

City's lease with Infrastructure Ontario for the impacted sports fields at Dixie Road will need to be amended. Realty will assist when required.

Parks & Facility Planning

Proposed Dixie Station:

- The proposed station at Dixie Road, located on what is presently the City's "Dixie/407 Community Park", will create a significant impact on the existing sports fields. It is acknowledged that the City's development of these lands (in the early 2000's) was done so with an understanding that future redevelopment of the lands by the Province or its agents, could displace this infrastructure

- Notwithstanding, the proposed entrance into the park, and majority of the contemplated parking, is located north of the hydro corridor. At the January 23rd PIC, City staff suggested to project staff that the proposed parking on the north side of the station be reoriented, as much as possible, to the south side of the station, to reduce impact on the sports fields. Project staff responded, indicating that the lands south of the hydro corridor fall under the domain of Infrastructure Ontario, and this impinges on their flexibility. We would reiterate that we would like to see this investigated more fully to limit impacts on the existing park

- Despite the potential loss of sports fields as the proposed station at Dixie Road would provide an opportunity to improve access to the balance of the Dixie/407 Community Park and create the potential for improved infrastructure and enhanced programming opportunities that the park currently lacks. For example, staff indicate that user groups have requested in the past that washroom facilities be incorporated into the park. It would be hoped that as designs for the station and surrounding area take shape, that the Province work with the City to explore partnership opportunities to improve the park and station, for the betterment of the public

- The report outlines the socio-economic impacts of the Transitway that were evaluated through the different planning alternatives. The potential loss of sports fields at the Dixie/407 Park should factor into this analysis. With the cost of land increasing, the relocation of the fields would have a significant financial impact on the city. As such, we would hope that the province also considers some form of compensation for the loss of sports fields

Active Transportation Opportunities:

The report does not provide information on the potential incorporation of active transportation infrastructure within the Transitway. During the PIC, City staff enquired about the potential for the incorporation of a cycle-track or some higher order bikeway infrastructure component. Project staff cited that this has not formed part of the project and cited safety concerns for both riders and the buses. We feel that this component should be revaluated as failure to incorporate it would be in conflict with Provincial and municipal objectives of increasing cycling opportunities and would be a significant missed opportunity.

Potential Impacts to Parks, Valleylands and Trails:

The proposed Transitway could have potential impacts to the following parks, trails and Valleylands:

Parks/Trails - Clareville Conservation, Dixie HWY 407, Etobicoke Creek Trail, West Humber Trail
Valleylands - Valleylands 761, Valleylands 911, Valleylands 938, Valleylands 862, Valleylands 908 Valleylands 762, Valleylands 792, Valleylands 836, Valleylands 859, Valleylands 793, Valleylands 777, Valleylands 798, Valleylands 799, Valleylands 838, Valleylands 679, and Valleylands 771

As outlined in the report, the environmental impacts (natural, socio-economic, and cultural) the transitway may have on our parks, trails and valleylands will need to be fully addressed and monitored throughout the process with City, TRCA and CVC staff.

We appreciate the opportunities the proposed Transitway would bring to the City of Brampton. We look forward to continuing to work with the Province to see the project come to its fruition. In the meantime, if you have any questions or require further clarification with respect to the above comments, please contact the undersigned.

Yours sincerely.

Ghaz Mohammad, *M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning
Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

BRAMPTON
brampton.ca Flower City

Planning & Development Services
Development Services

DATE: January 29, 2017

TO: Ghazanfar Mohammad, Project Engineer, Public Works & Engineering

FROM: Cassandra Jasinski, Heritage Planner

CC: Pascal Doucet, Heritage Planner; Tristan Costa, Assistant Heritage Planner

SUBJECT: 407 Transitway – West of Hurontario Street to East of Highway 400

Heritage staff have reviewed the Cultural Heritage Resource Assessment and Stage 1 Archaeological Assessment, prepared by Archaeological Services Inc. (ASI), associated with the 407 Transitway West of Hurontario Street to East of Highway 400 and offer the following comments:

- The Cultural Heritage Resource Assessment identifies 5 Built Heritage Resources (BHR) and 6 Cultural Heritage Landscapes (CHL) in Brampton within the study area for the 407 Transitway:
    - BHR 1: 7575 Kennedy Road (Listed)
    - BHR 2: 15 Bramalea Road (Listed)
    - BHR 3: 0 Gorewood Drive, Wiley Bowstring Bridge (Designated)
    - BHR 4: 8712/8940 Claireville Conservation Road (Listed)
    - BHR 5: 2111 Steeles Avenue East (not currently on Brampton's Municipal Register of Cultural Heritage Resources)
    - CHL 2: 7715 Kennedy Road (Listed)
    - CHL 3: 0 Kennedy Road South, Graham Pioneer Cemetery (Designation in Progress)
    - CHL 4: 0 Kennedy Road South, Kennedy Valley (Listed)
    - CHL 5: 7385 Farmhouse Court (Listed)
    - CHL 6: 0 Airport Road, Grahamsville Cemetery (Designation in Progress)
    - CHL 14: 8180 Highway 50, Claireville Conservation Area
- Only one of the above noted cultural heritage resources is expected to be impacted by the construction of the 407 Transitway in its current alignment: 7385 Farmhouse Court.
- A Heritage Impact Assessment is required for 7385 Farmhouse Court to determine the potential impacts to the cultural heritage resource as a result of the 407 Transitway and to outline mitigation measures for the resource in accordance with the Heritage Impact Assessment Terms of Reference and to the satisfaction of Heritage staff. While the Recommendations set out in the Cultural Heritage Resource Assessment, prepared by ASI, indicate that a Cultural Heritage Evaluation Report (CHER) be prepared, a Heritage Impact Assessment fulfills the same purpose. Therefore, Heritage staff require a Heritage Impact Assessment for this property.
- Heritage staff also require a Heritage Impact Assessment for 7324 Kennedy Road, a potential cultural heritage resource not identified in the Cultural Heritage Resource Assessment.

- Should future work require expansion of the study area, and more cultural heritage resources in Brampton are to be impacted, these resources and the potential impacts to them should be identified and Heritage Impact Assessments would be required for these properties.
- A Stage 1 Archaeological Assessment, prepared by ASI, was provided for the 407 Transitway study area. It identifies a number of areas in Brampton where further Assessment(s) are required. Heritage staff agree with the requirement for these additional Assessments.
- Heritage staff request that previous assessments related to archaeological sites AjGw-490 and AkGv-1212 be provided for consideration and review prior to the next stage of archaeological assessment.
- Any adverse impacts to any significant archaeological resources found shall be mitigated to the satisfaction of the City and the Ministry of Tourism, Culture and Sport (MTCS) prior to the commencement of the road widening. No grading, filling, or any form of soil disturbances shall take place prior to the acceptance of the Archaeological Assessment(s) by the City and the MTCS indicating that all archaeological resource concerns have met licensing and resource conservation requirements.
- Should a cemetery be discovered during any phase of the Archaeological Assessment(s) or construction, the Region shall, at their expense, undertake mitigation measures to the satisfaction of applicable provincial agencies and the Commissioner, Planning and Development Services.
- If the lands were subject to a previous Archaeological Assessment that was accepted by the Ministry of Tourism, Culture and Sport (MTCS) and City Heritage staff, a copy of the report(s) and associated correspondence from the MTCS and Heritage staff confirming that all archaeological resource concerns have met licensing and resource conservation requirements must be provided.

Please feel free to contact me should you have any questions or require further clarification with respect to the above comments.

Thank you,

Cassandra Jasinski, Heritage Planner
Planning & Development Services
905-874-2618
Cassandra.Jasinski@brampton.ca

Liz Speller

From: Liz Speller
Sent: February-06-18 12:39 PM
To: Liz Speller
Subject: FW: 407 transitway

From: Lafleur, Chris [mailto:Chris.Lafleur@brampton.ca]
Sent: Wednesday, January 31, 2018 9:55 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: FW: 407 transitway

Hi Holly,

See our comments below.

Chris

From: Wang, Hank
Sent: 2018/01/23 11:17 AM
To: Lafleur, Chris <Chris.Lafleur@brampton.ca>
Cc: Rieger, Doug <Doug.Rieger@brampton.ca>; Stowe, David <David.Stowe@brampton.ca>
Subject: RE: 407 transitway

Hi Chris:

My comments are probably similar to Dave's.

Chapter 5 Final Project Description – Station Plans and Details
While it is understood that the proposed station plans and details in Chapter 5 are conceptual in nature, it would be helpful for the Proponent to clarify in the EPR that the layout of each station is subject to change based on discussions/reviews with stakeholders as part of future station planning and design work – when this project advance to thee next stage of implementation. Some of our general concerns are as follows:

- Lack of a continuous bus-only access between the arterial roadway and the bus loop at the Transitway station
- Circuitous bus access – the layouts as shown would require arterial buses to travel long distances across the parking lot to access the bus loop
- Bus loop configuration – there are other ways to provide a functional access to/from the bus platform than the teardrop configuration; bus loop configuration at each station should reflect the location of bus-only access points on arterial roads, distance to/from the Transitway guideway and the arterial roadway, as well as internal bus circulation – i.e. minimize number of turning movements, conflicts with park-and-ride traffic, and travelled distance
- Number of bays at the bus platform for arterial buses
- Travelled distance between the Transitway guideway and the arterial roads for buses entering/exiting the Transitway
- Walking distance between the Transitway station and on-street bus stops on the arterial road

Chapter 6 Impact Assessment, Mitigation, and Monitoring

- Table 6.11 – lack of reference to impact/mitigation associated with construction of Transitway guideways over arterial roads (overpasses)
- Section 6.4.3 – measures required to mitigate safety risks along the Transitway guideways (to ensure the safe operation of Transitway buses) should be referenced – if not already identified elsewhere in the EPR
- Table 6.14 – the Proponent should consider revising this table to reflect the concerns outlined above regarding the layout of the proposed Transitway stations

Thanks,

Hank Wang, P.Eng.
Strategic Planner, Service Development
Brampton Transit
185 Clark Boulevard, Brampton ON L6T 4G6
Phone: 905-874-2750, ext. 62626
Cell: 416-433-7625
Fax: 905-874-2799
E-mail: hank.wang@brampton.ca

From: Lafleur, Chris
Sent: 2018/01/19 11:47 AM
To: Stowe, David <David.Stowe@brampton.ca>; Wang, Hank <Hank.Wang@brampton.ca>
Cc: Rieger, Doug <Doug.Rieger@brampton.ca>
Subject: 407 transitway

Hi Dave and Hank

if you could forward me any comments for the 407 transitway ea it would be appreciated. i will be sending consolidated comments this wednesday.

chris

Get Outlook for Android[aka.ms]

From: Lafleur, Chris
Sent: Monday, December 18, 2017 9:27:02 AM
To: Rieger, Doug
Cc: Stowe, David; Wang, Hank
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi doug,

No problem.

chris lafleur | planning coordinator
brampton transit / züm | city of brampton | t: 905.874.2750 ext.62620 |
[brampton.ca] [twitter.com] [linkedin.com] ...Follow us | Brampton Transit
[bramptontransit.com] | züm [brampton.ca]

From: Rieger, Doug
Sent: 2017/12/18 9:24 AM
To: Lafleur, Chris <Chris.Lafleur@brampton.ca>
Cc: Stowe, David <David.Stowe@brampton.ca>; Wang, Hank <Hank.Wang@brampton.ca>
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Chris,

Can you please lead this review and provide our comments?

Thanks,
Doug

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2017/12/15 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Hans, Inderjit <Inderjit.Hans@brampton.ca>; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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www.brampton.ca/en/Info-Centre/Pages/Privacy-Statement.aspx[brampton.ca]

[brampton.ca]

Liz Speller

From: Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Sent: February-13-18 9:28 AM
To: Liz Speller
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Wong, Winston L (MTO); Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Jasinski, Cassandra
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Reports and Updated CHRA

Thanks Liz for the information. I am forwarding this to Cassandra Jasinski, City's Heritage Planner.

Regards,

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: 2018/02/12 4:57 PM
To: Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Wong, Winston L (MTO) <WinstonL.Wong@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Reports and Updated CHRA
Importance: High

Good afternoon Ghaz,

As noted in the Draft Environmental Project Report for the 407 Transitway project (Hurontario Street to Highway 400), Cultural Heritage Evaluation Reports (CHERs) were required to be completed for a number of cultural heritage resources located in the vicinity of the study area. The CHERs have now been completed. Please see below the links to the following two CHERs completed for two properties located in the City of Brampton:

CHL 5 (7385 Farmhouse Court):

https://www.dropbox.com/s/6bqn63kepx8aojd/407%20TW3%20CHL%205%207385%20Farmhouse%20CHER%2012Feb2018.pdf?dl=0

CHL 7 (7324 Kennedy Road):

https://www.dropbox.com/s/tway3rhbrq2ylkn/407%20TW3%20CHL%207%207324%20Kennedy%20Road%20CHER%205Feb2018.pdf?dl=0

Please note that the property at 7324 Kennedy Road was included in the Cultural Heritage Resource Assessment (Appendix G of the Draft Environmental Project Report) as CHL 7 but was incorrectly identified as being located at 7145 Kennedy Road. The Cultural Heritage Resource Assessment has been updated accordingly (with CHL 7 now identified as the property at 7324 Kennedy Road). Please see below the link to the updated Cultural Heritage Resource Assessment:

https://www.dropbox.com/s/1n4dn1hdxwqzz0t/407%20TW3%20CHRA%20Final_5Feb2018.pdf?dl=0

Please forward the two CHERs and the updated Cultural Heritage Resource Assessment to the City's Heritage Planner/heritage staff for their files/records.

Please also note that a formal response to the Draft Environmental Project Report comments (on the Cultural Heritage Resource Assessment and Stage 1 Archaeological Report) provided in your email dated January 30, 2018 (and the letter from the City of Brampton's Heritage Planner dated January 29, 2018 – see attached) will be sent to you at a later date.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-15-17 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal,

Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

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- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Mcgill, John <John.Mcgill@parsons.com>
Sent: February-28-18 12:08 PM
To: Mohammad, Ghazanfar
Cc: Kerslake, Holly; DeRose, Graham (MTO); Liz Speller; Garron, Gus; Larry Sarris (larry.sarris@ontario.ca); Robb Minnes (r.minnesconsulting@gmail.com)
Subject: RE: Hwy 407 Transitway

Ghaz:

Thanks for sending this comment over. We will include it in our updated report. As we mentioned in the meeting yesterday, AT is being incorporated at our stations. The Transitway runningway is not a "transportation project" where AT will be considered. All 400-series highway projects are not considering AT, it is the lower-class highways that AT is being investigated.

I think we all thought that yesterday's meeting went well and that we all have a better understanding of Brampton's expectations for the Poweraide Centre. Thank Chris et all for the updates.

Again, thanks.

John McGill, P.Eng., PTOE.
4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
john.mcgill@parsons.com - +1 289.294.6411 Mobile +1 905.330.9569
PARSONS - Envision More
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From: Mohammad, Ghazanfar [mailto:Ghazanfar.Mohammad@brampton.ca]
Sent: Tuesday, February 27, 2018 1:50 PM
To: Mcgill, John <John.Mcgill@parsons.com>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: FW: Hwy 407 Transitway

Hi John,
Please see below a comment that I received this morning from Henrik Zbogar, Manager, Transportation Planning. I will appreciate if this is also addressed and included in the comments summary which PARSONS is likely to send to us soon.

"From our section, I believe the key comment was about the consistent failure by the project team to acknowledge, an active transportation facility in parallel with the Transitway. Provincial policy - and most recently the EBR posting for the #CycleOn2.0 provincial cycling strategy - indicates that these types of transportation projects should be incorporating AT...

Thanks.

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

Please review the City of Brampton e-mail disclaimer statement at:
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[brampton.ca]

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Liz Speller

From: Liz Speller
Sent: June-27-18 12:57 PM
To: Liz Speller
Subject: FW: Hwy 407 Transitway

From: Mohammad, Ghazanfar [mailto:Ghazanfar.Mohammad@brampton.ca]
Sent: Thursday, March 01, 2018 10:13 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Hwy 407 Transitway

Hi Holly,
Thanks for sending us the summary response of our comments. I am trying to locate the changes that have been made in the draft EPR but am unable to. Example, Comment No. BR-15, the corresponding proposed changes in the EPR as mentioned in Section 5.1-Segment B of Chapter 5-Final Project Description is not there. I am looking in the version which you sent to me initially for our comments on Draft EPR. Is there any other version available with changes? If yes, please send the link. Please let me know.

I have also left a voice message to you today in this regard.

Thanks.

Ghaz Mohammad,*M.Eng., P.Eng., PMP*
Project Engineer, Infrastructure Planning

Public Works & Engineering
WPOC, 1975 Williams Parkway
Brampton ON L6S 6E5
Tel: 905 874 2949 Cell: 416 420 7256
Fax: 905 874 2505
Email: ghazanfar.mohammad@brampton.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2018/02/28 3:37 PM
To: Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com
Subject: RE: Hwy 407 Transitway

Hello Ghaz,

Attached are responses to the City of Brampton's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

February 28th, 2018

Ghaz Mohammad, M.Eng., P.Eng., PMP
Project Engineer, Infrastructure Planning, Public Works & Engineering
The City of Brampton
WPOC, 1975 Williams Parkway
Brampton, ON L6S 6E5

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Ghaz,

Thank you very much for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to the City of Brampton's comments which were received on the following dates:

- **January 26th, 2018**: Comments from All Groups (email from Ghaz Mohammad).
- **January 30th, 2018**: Comments from Heritage Planning (email from Ghaz Mohammad).
- **January 31st, 2018**: Comments from Service Development (email from Chris Lafleur).
- **February 27th, 2018**: Comment from Transportation Planning (email from Ghaz Mohammad).

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, East of Kennedy Road to Brock Road

Liz Speller

From: Liz Speller
Sent: June-27-18 12:59 PM
To: Liz Speller
Subject: FW: Hwy 407 Transitway
Attachments: 407 TW3_PLATE_4-PLATE_4.pdf

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: March-14-18 5:08 PM
To: Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com
Subject: RE: Hwy 407 Transitway

Hi Ghaz,

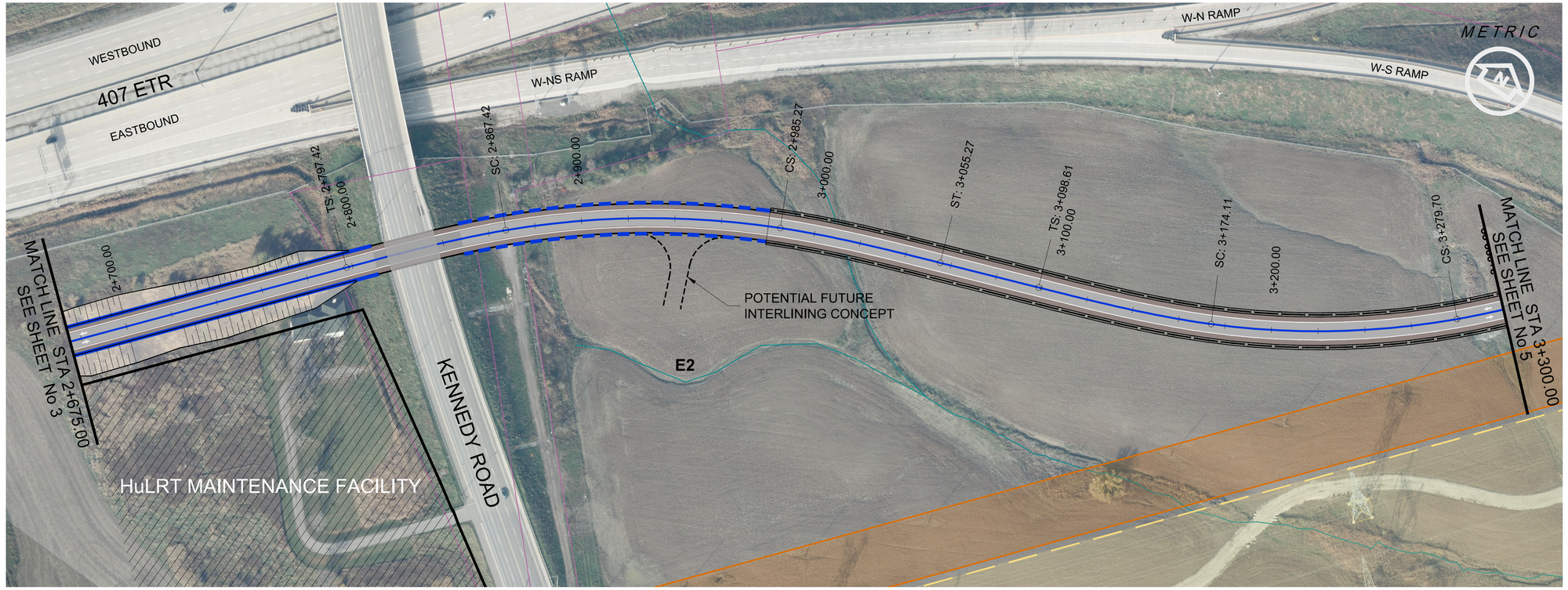
Attached is the revised **Plate 04 from EPR Chapter 5** showing the Potential Future Interlining Concept at Kennedy Road, exactly as it will be shown in the Final EPR.

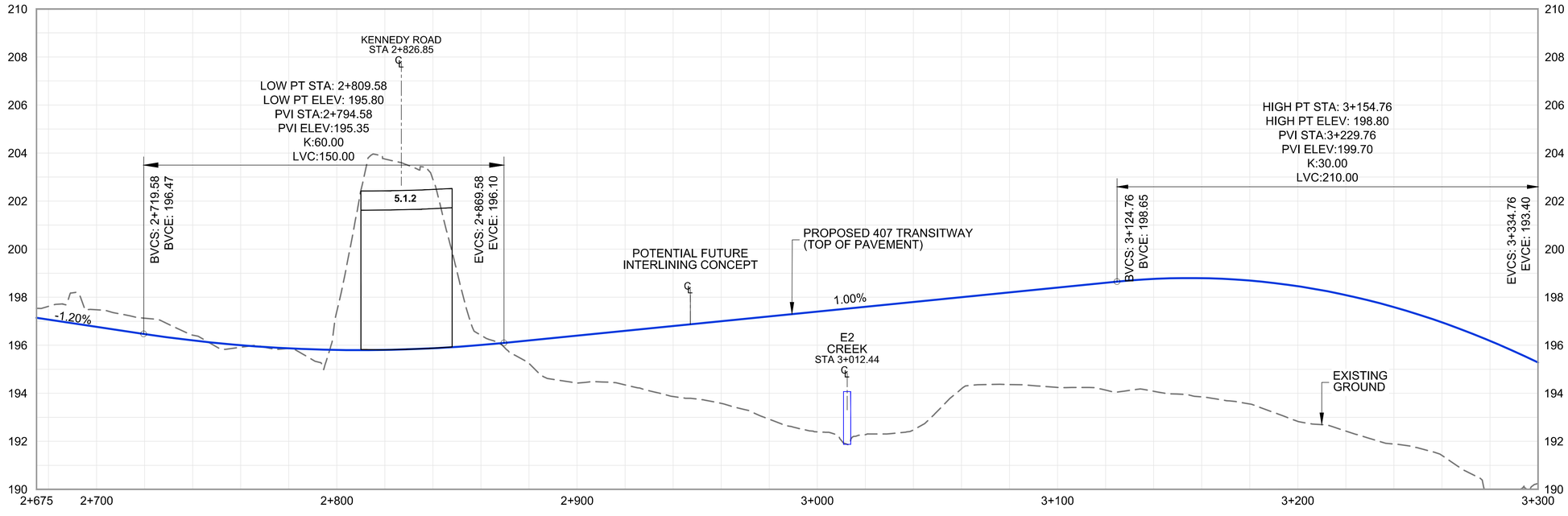
Please let us know if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379





Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND

RETAINING WALL
FILL SECTION
CUT SECTION
TRANSITWAY
STATION PLATFORM
UNDERPASS
STRUCTURE SECTION
BELOW GRADE SECTION

TRANSIT MOVEMENT
RAILWAY CORRIDOR
EXISTING PROPERTY LINE
WATER COURSE
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
E5 WATER CROSSING
5.1.1 STRUCTURE REFERENCE NUMBER

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 2+675.00 TO STA 3+300.00

DRAWING SET
PLAN and PROFILE

PLATE
4

DATE
12/08/2017

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\T\S General\03 - Drawings\6 - Plates\EPR Plates\CURRENT\407 TW3_PLATE_4.dwg
MODIFIED: Mar 13, 2018 4:13pm
CREATED: RM3

From:	Kerslake, Holly
To:	Mohammad, Ghazanfar
Cc:	DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Leung, Winnie; Liz Speller; Robb Minnes; Bishop, Chris
Subject:	407 Transitway West of Hurontario Street to East of Highway 400 - Archaeological Info for City of Brampton
Date:	July-30-18 7:32:15 PM
Attachments:	07 - BramptonComments - Final.pdf

Hello Ghaz,

As per our responses to the comments provided by the City of Brampton to this projects Draft Environmental Project Report (BR-7 and BR-10), I have uploaded the additional archaeological information to a Parsons FTP site for your records (you should receive a separate email with a link). This included the assessments for archaeological sites AjGw-490 and AkGv-121, and information on previous archaeological assessments undertaken in the study area by ASI and others (including MTCS correspondence and clearance letters).

Please let me know if you have any additional questions or concerns.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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CITY OF MISSISSAUGA

Liz Speller

From: George Ivanoff
Sent: November-24-15 1:52 PM
To: Mel Kayama
Cc: Liz Speller
Subject: RE: 407 Transitway Planning and Preliminary Design Study

Thank you, Mel. We have updated our contact information and will send you future notices as the study progresses.

George Ivanoff, BSc, M.L.A.
Senior Environmental Planner
LGL Limited environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario L7B 1A6
905-833-1244 Email: givanoff@lgl.com

From: Mel Kayama [mailto:Mel.Kayama@mississauga.ca]
Sent: November-20-15 3:50 PM
To: George Ivanoff <givanoff@lgl.ca>
Subject: Re: 407 Transitway Planning and Preliminary Design Study

Hello George,

Please refer to the attached for updated contact information. The City (Mississauga) would appreciate being kept apprised of this study and will provide comments as appropriate.

Regards,

Mel Kayama
Transportation Planning Analyst
Transportation Planning
Transportation and Infrastructure Planning
Transportation and Works
905-615-3200 E. 5747

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Martin Powell
Commissioner of Transportation and Works
City of Mississauga
300 City Centre Drive
Mississauga, Ontario
L5B 3C1

Update contact information if necessary
MEL KAYAMA
Transportation Planning Analyst
Transportation & Infrastructure Planning
City of Mississauga
300 City Centre Drive, Suite 800
Mississauga, ON L5B 3C1
mel.kayama@mississauga.ca

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☑

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: Amy Munn <a.munn@delcan.com>
Sent: Friday, February 26, 2016 8:12 AM
To: Stephanie Segreti
Cc: Gus Garron
Subject: RE: TM 15003 & OZ 15/005-7140 Hurontario Street
Attachments: 407 TW3 - Planning - Alignment Alternatives - V2-ST-display-Model.pdf

Hi Stephanie,

Thanks for the information. Attached is the map of the Hurontario Area from yesterday's meeting. I'm not sure how much parking we will need for the station yet. The ridership study is currently being completed. Once we have its results we will know what the projected parking demand at this station will be.

Thanks,
Amy

From: Stephanie Segreti [mailto:Stephanie.Segreti@mississauga.ca]
Sent: Thursday, February 25, 2016 4:33 PM
To: amy.munn@parsons.com
Subject: FW: TM 15003 & OZ 15/005-7140 Hurontario Street

Hi Amy,

Please see the information below and the attached ownership map as requested. Let me know if you require more information.

Can you please send me the proposed 407 transitway map and let me know how much parking Metrolinx would be looking at along Hurontario St, the City's vision is for the Hurontario Corridor to develop with high intensity office uses that support the LRT and other transit initiatives. The City is not proposing parking with the LRT stations as indicated at today's meeting.

Regards,

Stephanie Segreti-Gray, BURPL, MCIP, RPP
Development Planner
Development and Design Division
Planning and Building Department
300 City Centre Dr, Mississauga, L5B 3C1
905-615-3200 x5531 / stephanie.segreti@mississauga.ca

From: Lauren Eramo-Russo
Sent: 2016/02/25 4:10 PM
To: Stephanie Segreti
Subject: TM 15003 & OZ 15/005-7140 Hurontario Street

Hi Steph,

Here is the information for the above noted files:

Owner information: 1105239 Ontario Inc. and 678604 Ontario Inc., 905-829-2063. It is a numbered company however Dezen owns the lands. They also own the parcel to the east that has been rezoned, according to Jim Lethbridge they don't have tenants yet. I have attached the Recommendation Report for the lands to the east and the concept plan that was submitted with this application.

Thanks

MISSISSAUGA

Lauren Eramo-Russo
Development Planner, Planning and Building
T 905-615-3200 ext.5403
Lauren.eramorusso@mississauga.ca
City of Mississauga[mississauga.ca] | Planning and Building Department

Mississauga 2016
Ontario Summer Games
Jeux d'été de l'Ontario

[osgmississauga.ca]

Please consider the environment before printing.

Liz Speller

From: Zaporzan, Justin
Sent: November-01-17 3:16 PM
To: Ghazwan Yousif
Cc: Muneef Ahmad; Abdul Shaikh; Kerslake, Holly
Subject: RE: 407 TWY - Request for Municipal Sewer Information

Good afternoon Yousif,

Thank you very much for providing this information. It is very useful to us. Do you know which criteria we should use for assessing allowable discharge to City of Mississauga storm infrastructure?

Also, Does the City have any information available for Figure 2 in my previous email along Gana Court and Tomken Road?

Your help is appreciated.

Best regards,

Justin Zaporzan

From: Ghazwan Yousif [mailto:Ghazwan.Yousif@mississauga.ca]
Sent: Tuesday, October 31, 2017 9:15 AM
To: Zaporzan, Justin <Justin.Zaporzan@parsons.com>
Cc: Muneef Ahmad <Muneef.Ahmad@mississauga.ca>; Abdul Shaikh <Abdul.Shaikh@mississauga.ca>
Subject: RE: 407 TWY - Request for Municipal Sewer Information

Good morning Justin,
For figure no. 1, please find attached a copy of the drainage plan and design sheet for the requested area. Also see below a copy of the city of Mississauga map.
Feel free to contact me, if you required any further information.

Regards,

MISSISSAUGA

Ghazwan Yousif P. Eng. M.Sc.
Storm Drainage Technologist, Environmental Services Team
T 905-615-3200 ext.3526
ghazwan.yousif@mississauga.ca

City of Mississauga[secure-web.cisco.com] | Transportation and Work Department,
Transportation & Infrastructure Planning Division

Please consider the environment before printing.

From: Zaporzan, Justin [mailto:Justin.Zaporzan@parsons.com]
Sent: 2017/10/25 9:11 AM
To: Stephanie Segreti; inderjit.hans@brampton.ca
Cc: Matthew Williams; Abdul Shaikh; Doug.Rieger@brampton.ca; Kerslake, Holly; Morales, Richard; He, Mike; Garron, Gus
Subject: 407 TWY - Request for Municipal Sewer Information

Good morning All,

My name is Justin Zaporzan and I am working for Parsons with the 407 Transitway project with the MTO. Our drainage design requires municipal storm information to assess the feasibility of discharging drainage to municipal infrastructure.

I have provided two screenshots below which show the locations where information is required enclosed in red (the dark blue line shows the alignment of the proposed transitway). Both of these areas of interest include the City of Mississauga and the City of Brampton as these areas lie right on the municipal boundary between the two Cities.

Could you please advise on the best way to obtain this information? Is there any way that we can support expediting this request?

The locations are as follows:

- **Hurontario Street** between the 407 and Derrycrest Drive (refer to Figure 1)
- **Derrycrest Drive** (refer to Figure 1)
- **Highway 410** between the 407 and Derry Road East (refer to Figure 2)
- **Gana Court** (refer to Figure 2)
- **Tomken Road** between Gana Court and the 407 (refer to Figure 2)

Figure 2 - Information Required along Highway 410, Gana Court, and Tomken Road

Best regards,

Justin Zaporzan
Municipal Designer
625 Cochrane Drive, Suite 500, Markham, ON L3R9R9
justin.zaporzan@parsons.com - P: +1 905.943.0449

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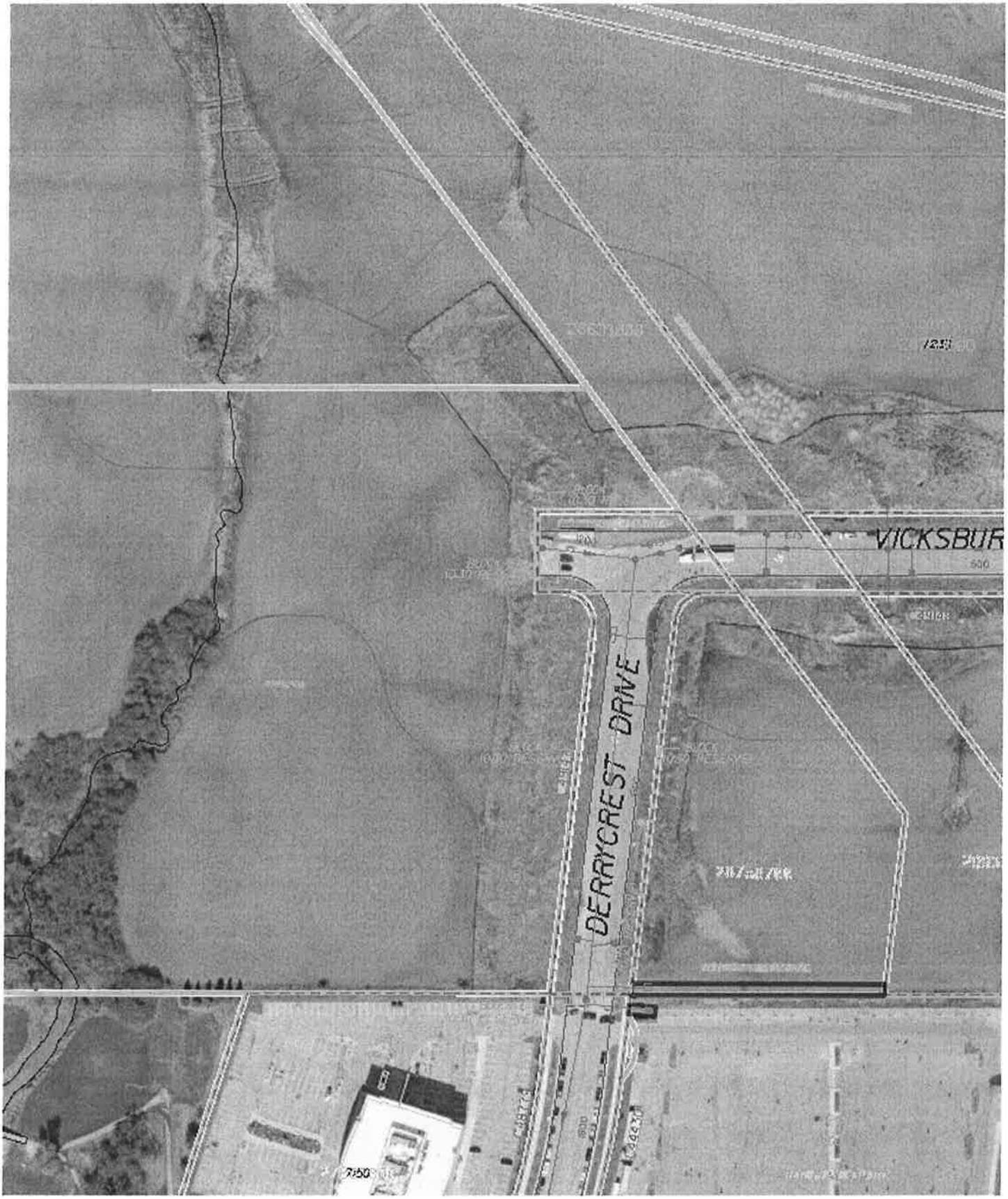
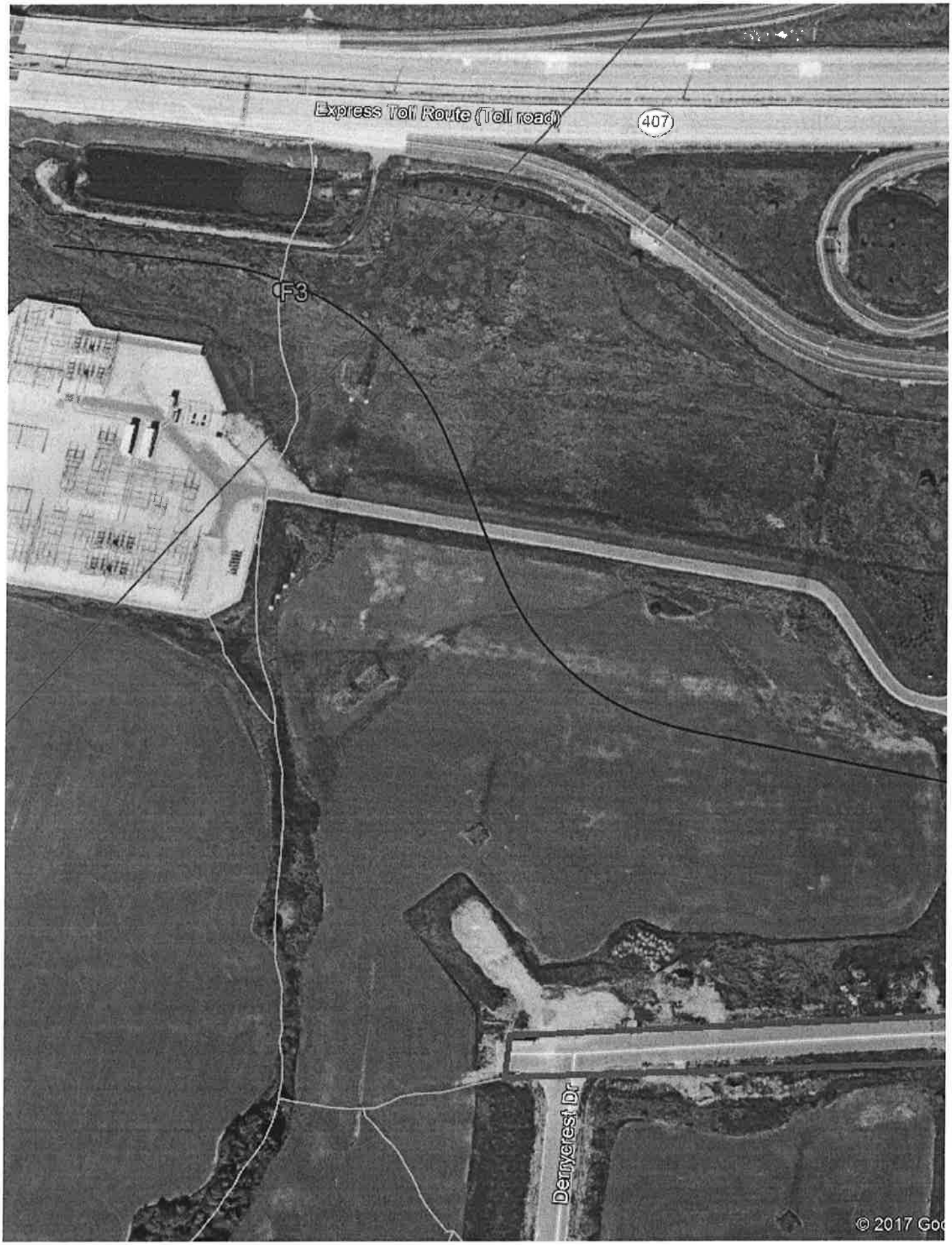
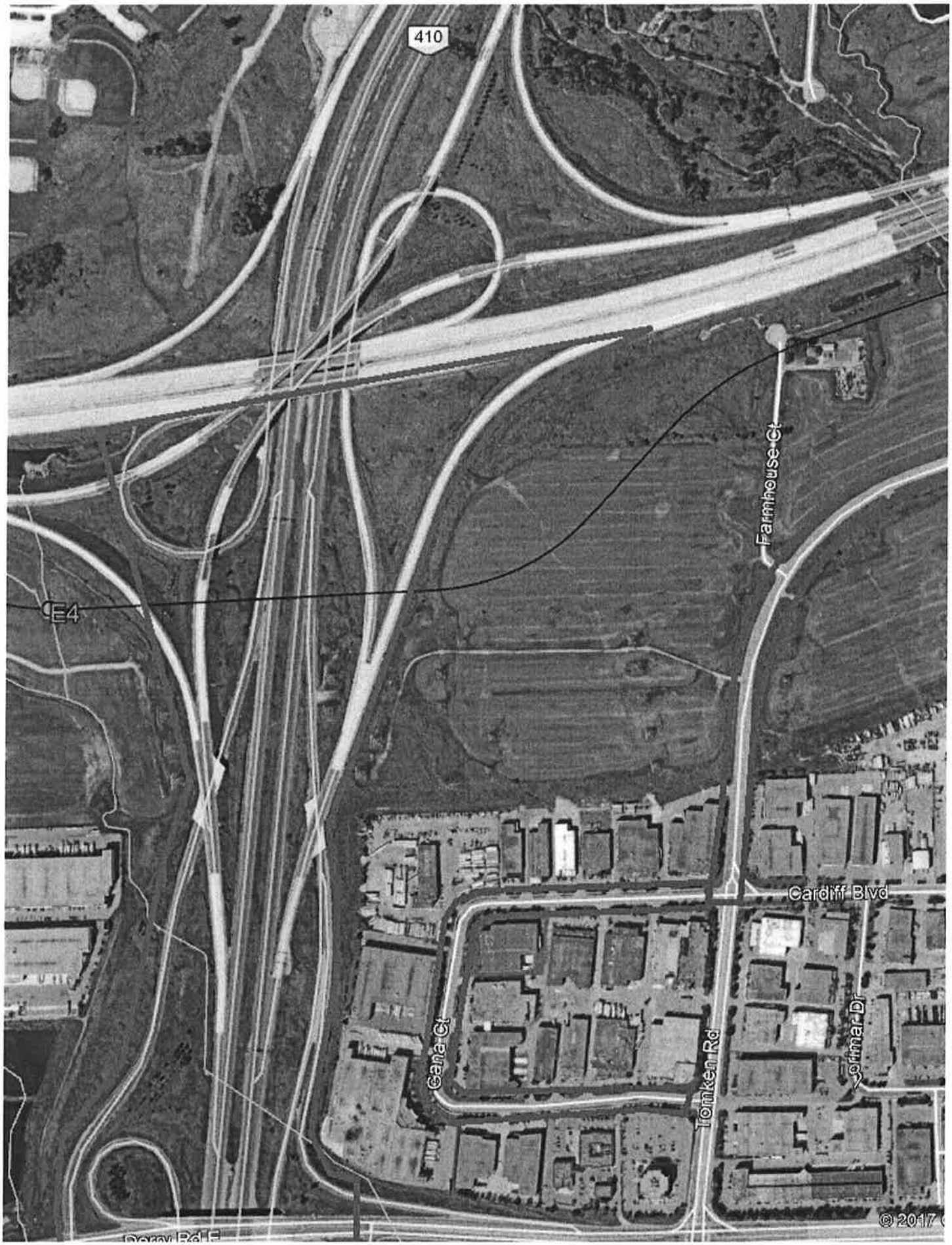

VICKSBUR
DERRYCREST DRIVE


Express Toll Route (Toll road)
407
CF3
11
Derryforest Dr
© 2017 Goo


410
Farmhouse Ct
E4
Cardiff Blvd
Cana Ct
Tomken Rd
Jormar Dr
© 2017

Liz Speller

From: Lorie Sterritt <Lorie.Sterritt@mississauga.ca>
Sent: January-24-18 11:55 AM
To: Kerslake, Holly
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: SP 17 187 Master Plan.pdf; SP 17 187 Site Plan.pdf

Good morning,

For your information, the City of Mississauga has received a site plan application for the property located at 7230 Hurontario Street. The application was submitted on December 14, 2017 and is being circulated for comments. Attached is a copy of the site plan drawing submitted, as well as an overall master plan that was submitted.

If you have any questions regarding the application, please let me know.

Lorie

MISSISSAUGA

Lorie Sterritt
Planner, Development North
T 905-615-3200 ext. 5403
lorie.sterritt@mississauga.ca

City of Mississauga[mississauga.ca] | Planning and Building Department,
Development & Design Division

Please consider the environment before printing.

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2018/01/23 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; Martin Powell; Zhuo, Julianna (MMA/MHO); Matthew Williams; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul Shaikh; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Liz Speller
Sent: June-27-18 1:11 PM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-29-18 1:54 PM
To: Mark Vandersluis <Mark.Vandersluis@mississauga.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; Graham.DeRose@ontario.ca
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Mark,

Our apologies and no problem, you will be added to the communications list on this project moving forward.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Mark Vandersluis [mailto:Mark.Vandersluis@mississauga.ca]
Sent: Monday, January 29, 2018 1:50 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

I am in the Transportation Planning section at the City of Mississauga and I received the below email from Matthew Williams (from the City of Mississauga's Hurontario LRT team).
We originally had a representative from our section on your stakeholder list (Mel Kayama) but it appears he was removed from the list at some point. As such we haven't had a chance to review the Draft EPR, so we will have to defer to our staff from the Hurontario LRT team (Matthew Williams and Abdul Shaikh) with any comments that they may have had.
Could you please include myself on any future communications and reviews for this project?

Thank you,
Mark

MISSISSAUGA

Mark VanderSluis
Project Leader, Transportation Planning
T 905-615-3200 ext.4160
mark.vandersluis@mississauga.ca

Liz Speller

From: Liz Speller
Sent: June-27-18 10:20 AM
To: Liz Speller
Subject: FW: New contact regarding 407 Transitway from West of Hurontario Street to East of Highway 400

From: Jennifer Lanteigne <Jennifer.Lanteigne@mississauga.ca>
Sent: Friday, April 27, 2018 3:14 PM
To: 'gkauffman@lgl.com' <gkauffman@lgl.com>
Cc: Romas Juknevicius <Romas.Juknevicius@mississauga.ca>
Subject: New contact regarding 407 Transitway from West of Hurontario Street to East of Highway 400

Good afternoon,

Please change your contact information from Frank Marzo and also Mr. Ed Sajecki as Frank has left the City of Mississauga and Ed has retired.

The new contacts are:

Romas Juknevicius, Planner
300 City Centre Drive
Mississauga L5B 3C6
Ph: 905-615-3200 x4115

And
Andrew Whittemore, Commissioner, Planning & Building
300 City Centre Drive
Mississauga, L5B 3C6
Ph: 905-615-3200 x5497

MISSISSAUGA

Jennifer Lanteigne
Administrative Assistant, City Planning Strategies
T 905-615-3200 ext. 5556
Jennifer.lanteigne@mississauga.ca

City of Mississauga | Planning and Building Department,
City Planning Strategies Division

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CITY OF VAUGHAN

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Ed Hickey
Detachment Commander
Ontario Provincial Police
Highway 407 Detachment
100 Bloomington Road West
Aurora, Ontario
L4G 7N5

Update contact information if necessary

Chuck Kaizer
Detachment Commander

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ✓

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

-----Original Message-----
From: Furfaro, Cindy [mailto:Cindy.Furfaro@vaughan.ca]
Sent: November-18-15 9:29 AM
To: George Ivanoff <givanoff@lgl.ca>
Cc: Racco, Sandra <Sandra.Racco@vaughan.ca>
Subject: G.W.P. 14-20001 - 407 Transitway Hurontario Street to Highway 400

Good Morning George,

Please find Councillor Racco's comments attached.

Thank you,
Sonia Furtado
On behalf of

Cindy Furfaro-Benning
Executive Assistant
Councillor Sandra Yeung Racco
Ward 4, Concord/Thornhill North
905-832-8585 ext. 8198
cindy.furfaro@vaughan.ca

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Update contact information if necessary

Ms. Sandra Yeung Racco
Ward 4 Councillor
City of Vaughan
Vaughan City Hall, Level 100
2141 Major Mackenzie Drive
Vaughan, Ontario
L6A 1T1

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☑

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

From: D'Mello, Bianca <Bianca.DMello@vaughan.ca>
Sent: December 2, 2015 4:11 PM
To: George Ivanoff
Cc: Pearce, Andrew
Subject: 407 Transitway - Hurontario Street to Highway 400

Hi George,

Please see the attached form from Vaughan in regards to the 407 Transitway - Hurontario Street to Highway 400.

Thank you,
Bianca

Bianca D'Mello
Administrative Assistant
905-832-8585, ext. 8939 | Bianca.DMello@vaughan.ca
City of Vaughan I Development Engineering and Infrastructure Planning
2141 Major Mackenzie Dr., Vaughan, ON L6A 1T1

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-2

Andrew Pearce, C.E.T.
Director, Development Engineering &
Infrastructure Planning Services

VAUGHAN

andrew.pearce@vaughan.ca

Mr. Paul Jankowski
Commissioner of Public Works
City of Vaughan
Vaughan City Hall
2141 Major Mackenzie Drive
Vaughan, Ontario
L6A 1T1

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. [X]

I have no concerns about the study and I can be removed from your contact list. [ ]

I will be commenting on this study by the date specified. [ ]

I will be providing background information related to this study by the date specified. [ ]

I am interested in receiving the following additional information about the study: [ ]

_____

_____

_____

_____

_____

_____

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

From: Fearon, Kyle <Kyle.Fearon@vaughan.ca>
Sent: Monday, September 19, 2016 3:22 PM
To: Kerslake, Holly; Shahrokni, Mani; 'Springate, Erica'; Mota, Steve; Hubjer, Selma
Cc: Graham.deRose@ontario.ca; Garron, Gus; Bishop, Chris; Rossi, Melissa; McQuillin, Roy
Subject:RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Good afternoon Holly,

As a follow-up to my comment earlier today, below is a link to the latest York Region report on the Vest Vaughan Sewage System EA. This report specifically deals with a recent EA addendum. Please let me know if you have any other questions.

https://www.york.ca/wps/wcm/connect/yorkpublic/5f7de995-f805-41c2-889d-5a24c1992b57/AddendumWestVaughanEA.pdf?MOD=AJPERES[york.ca]

Hope this helps.

Kyle
Kyle Fearon, M.Sc.
Planner I
905-832-8585, ext. 8776 | kyle.fearon@vaughan.ca

City of Vaughan | Policy Planning and Environmental Sustainability
2141 Major Mackenzie Dr., Vaughan, ON L6A 1T1
www.vaughan.ca[vaughan.ca]

Liz Speller

From: Springate, Erica <Erica.Springate@york.ca>
Sent: Wednesday, October 5, 2016 4:51 PM
To: Kerslake, Holly
Cc: Shahrokni, Mani; Mota, Steve; Kawun, Adrian; Choi, William; Rathod, Bhakti
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Holly,

Regarding the draft minutes for the Highway 427/ Highway 50 area – suggested wording is below. I am not sure if TTC has plans to extend service to the area.
YRT/Viva is interested in knowing how many bus bays will be incorporated at the Hwy 50 Station as YRT is interested in a future terminal in the area. As this is the border between York Region and Peel, it is a natural connection point between YRT/Viva and Brampton Transit services. A terminal here could allow for integration between YRT/Viva, Brampton Transit, Hwy 407 Transitway service, and future Hwy 427 Transitway service.

With regards to future plans for YRT/Viva service along Weston Rd, the Weston Road corridor is currently part of our Frequent Transit Network (FTN). Under the FTN, frequencies of 15 minutes or better will be provided during rush hours by 2020. Ultimately, the FTN is expected to provide 15 minute or better frequencies seven days a week from 6 a.m. to 10 p.m. Presently, TTC is contracted to provide service along the Weston Road corridor. Once the Spadina Subway extension opens in 2017, YRT/Viva intends to assume this service which would operate along Weston Road from just south of Teston Road to Steeles Avenue, with a connection to the Pioneer Village Subway Station.

Please let me know if you have any questions,

Thanks,
Erica

Erica Springate | Service Planner
York Region Transit (YRT/Viva) | Transportation Services

The Regional Municipality of York | 50 High Tech, 4th Floor | Richmond Hill, ON L4B 4N7
O: 1-877-464-9675 ext. 75628 | erica.springate@york.ca | www.york.ca[york.ca]
*Our Values: **I**ntegrity, **C**ommitment, **A**ccountability, **R**espect, **E**xcellence*

From: Mota, Steve
Sent: Tuesday, October 04, 2016 2:12 PM
To: 'Kerslake, Holly'
Cc: Springate, Erica; Shahrokni, Mani; Modaressi, Katy
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Holly,
A few suggested revisions noted below.

1. Regarding the Pine Valley Station and the request for assistance in identifying major utilities or underground services, please note the following:

For Road Design Drawing Storage and Retrieval, follow the link below:

http://www.york.ca/wps/portal/yorkhome/business/yr/landdevelopment/drawingstorageandretrieval/roaddesigndrawingstorageandretrieval/[york.ca]

For information regarding York Region water or sewer infrastructure in the area, contact Katy Modaressi in Environmental Services – Infrastructure Asset Management. Katy is copied on this e-mail.

2. regarding the Weston Road Station, I would suggest the revised wording below:

York Region staff expressed concerns about eliminating the Weston Road station. ES from YRT noted that Weston Road is a major YRT route and part of the Region's frequent transit network. YRT suggested investigating at least a bus stop and vertical Transitway connection at this location. Parsons indicated that in planning even for a Transitway stop only, available right of way may not be sufficient to allow for Transitway platforms and by pass lanes. Further, Parsons indicated that the ridership study indicated low forecast demand at this location. SM of York Region suggested that commuter parking and passenger pick-up/drop-off also be considered since a transit transfer only would likely not be sufficient to justify a station at this location. In addition, a Weston Road station would provide some overflow capacity in the event that the 407 Station at the Spadina Subway reaches capacity. The Transitway team will further investigate this node and will advise YR and YRT on the findings. YRT will provide MTO and Parsons with information on future transit routing plans involving Weston Road at this location.

Regards.
Steve

From: Shahrokni, Mani [mailto:Mani.Shahrokni@vaughan.ca]
Sent: Tuesday, October 04, 2016 1:28 PM
To: 'Kerslake, Holly'
Cc: Graham.deRose@ontario.ca; Garron, Gus; Bishop, Chris; Hubjer, Selma; Fearon, Kyle; Springate, Erica; Mota, Steve
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Hi Holly,

Please see attached Vaughan's comments.

Thank you
Mani

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: September-27-16 12:36 PM
To: Shahrokni, Mani; Fearon, Kyle; 'Springate, Erica'; Mota, Steve; Hubjer, Selma
Cc: Graham.deRose@ontario.ca; Garron, Gus; Bishop, Chris
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Attached are a copy of the meeting minutes from the September 19th 407 Transitway Hurontario to Hwy 400 - Project Information Session meeting. Please provide any comments by COB October 4th, 2016.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Monday, September 19, 2016 2:15 PM
To: Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; 'kyle.fearon@vaughan.ca' <kyle.fearon@vaughan.ca>; 'Springate, Erica' <Erica.Springate@york.ca>; Mota, Steve <Steve.Mota@york.ca>; selma.hubjer@vaughan.ca
Cc: 'Graham.deRose@ontario.ca' <Graham.deRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Bishop, Chris <Chris.Bishop@parsons.com>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Project Information Session

Attached are a copy of the slides from today's presentation. Meeting minutes to follow later this week.

Please let me know if you have any questions or concerns.

<< File: 407 TW3 - Vaughan + York Project Intro_Final.pdf >>
Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: Kerslake, Holly
Sent: Thursday, September 01, 2016 1:42 PM
To: Kerslake, Holly; 'Springate, Erica'; Mota, Steve; Choi, William; Kawun, Adrian; Catney, Kyle (Kyle.Catney@york.ca); Shahrokni, Mani; D'Mello, Bianca; kyle.fearon@vaughan.ca; Joshua.wang@york.ca; tia.nguyen@york.ca; selma.hubjer@vaughan.ca; Munn, Amy; Garron, Gus; r.minnesconsulting@gmail.com; Firmani, Adrian (MTO); Sarris, Larry (MTO); DeRose, Graham (MTO); Bishop, Chris; Allan Ortlieb; 'Scott Johnston'; lspeller@lgl.ca
Cc: Luong, David
Subject: 407 Transitway Hurontario to Hwy 400 - Project Information Session
When: Monday, September 19, 2016 9:30 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: Vaughan City Hall, Committee Room 249

Hi Everyone,

Looks like the best date is **Monday September 19th @9:30am to 11:00am**. Please let me know if you will be able to attend.

Location: Vaughan City Hall, 2141 Major Mackenzie Dr., Vaughan, ON L6A 1T1, Committee Room 249

Thanks!

Holly

Parsons Inc. has been retained by MTO to undertake the Environmental Assessment and Preliminary Design of the 407 Transitway Hurontario St. to Highway 400. This project includes approximately 23 km of dedicated Transitway running parallel to Highway 407 and 8 Transitway Stations. The Environmental Assessment will be developed under the Transit Project Assessment Process (TPAP). Below is a map of the study area for your reference.

<< OLE Object: Picture (Device Independent Bitmap) >>

The project is currently approaching the conclusion of the planning phase, having developed alignment and station options for evaluation. As part of the development and evaluation of alternatives, obtaining input from Municipalities and Regions within the study is critical. The project team would like to request a meeting with the City of Vaughn and York Region to get feedback at this stage of the 407 Transitway Project.

If you could please provide your availability on the dates listed below. It is expected that the meeting will be approximately **1.5 hours** long.

- **Wednesday September 14th, 2016 – 9:00am to 2:00pm**
- **Friday September 16th, 2016 – 9:00am to 12:00pm**
- **Monday September 19th, 2016 – 9:00am to 2:00pm**

Additionally, we are flexible with the meeting location – if you would like to hold the meetings at your offices, please advise and provide the room information. It is expected that 15-20 people will be in attendance.

Please give me a call if you have any questions or concerns (905-943-0446).

Regards,

Holly

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From: Liz Speller
Sent: Friday, October 28, 2016 7:00 AM
To: 'Shahrokni, Mani'; Fearon, Kyle; Hubjer, Selma
Cc: 'Garron, Gus'; Kerslake, Holly; 'Larry.Sarris@ontario.ca'; 'sarah.merriam@ontario.ca'; 'Graham.DeRose@ontario.ca'
Subject:RE: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001 - PIC #1 Venue

Good morning Mani,

Thank you for your email. We will inform you of the details of the PIC as soon as they have been finalized.

Regards,
Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Shahrokni, Mani [mailto:Mani.Shahrokni@vaughan.ca]
Sent: Tuesday, October 25, 2016 9:44 AM
To: Liz Speller <lspeller@lgl.ca>; Fearon, Kyle <Kyle.Fearon@vaughan.ca>; Hubjer, Selma <Selma.Hubjer@vaughan.ca>
Subject: RE: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001 - PIC #1 Venue

Hi Liz,

I believe this is a good location. Should you require any assistance until the PIC, please let us know.

Thank you,
Mani

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: October-21-16 2:40 PM
To: Shahrokni, Mani; Fearon, Kyle; Hubjer, Selma
Cc: Liz Speller
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001 - PIC #1 Venue

Good afternoon,
I am working with Parsons and MTO on the Planning, Environmental Assessment and Preliminary Design

Study of the 407 Transitway from west of Hurontario Street to east of Highway 400. We are in the process of planning for the first public information centre for this project which will take place in early December. We have been in contact with the Vaughan Facilities department and have tentatively booked the Woodbridge Pool and Memorial Arena which has a suitable community meeting room and is located close to the study area (in the northwest corner of Highway 7 and Islington Avenue). The study team asked me to contact you to advise you of the PIC location and to ensure this location is suitable. Please let me know if you have any concerns.

Regards,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

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Liz Speller

From: He, Mike
Sent: October-17-17 1:50 PM
To: Eleonora.Agostino@vaughan.ca
Cc: Garron, Gus; Kerslake, Holly; Morales, Richard; Zaporzan, Justin
Subject: RE: Islington Ave

Hi Eleonora,

I am following up on Sarah Lawson's email regarding our request for municipal storm information. For **Islington Avenue between Steeles Ave West & Hwy 7**, there are 9 plan & profile drawings we received from you last time. Unfortunately, only two of these drawings show Islington Ave where the proposed station will be, and these drawings only show watermains.

We are specifically looking for plan & profile drawings of storm sewer or combined sewer information in the location the screenshot showed below.

Could you help us to find any plan and profile drawings of storm or combined sewer information at this location? We would appreciate your assistance in recommending the most practical and expedited way to obtain this information.

Best Regards,

Mike He, EIT. M.Eng.
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
Mike.He@parsons.com - P: +1 905.917.3290 M: +1 519.694.8528
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Parsons PLUS
envision more

From: Lawson, Sarah
Sent: Thursday, October 12, 2017 4:33 PM
To: He, Mike <Mike.He@parsons.com>
Subject: FW: Islington Ave

Sarah Lawson
sarah.lawson@parsons.com
P: +1 905.943.0593 M: +1 647.407.0346

From: Agostino, Eleonora [mailto:Eleonora.Agostino@vaughan.ca]
Sent: Tuesday, September 26, 2017 2:07 PM
To: Lawson, Sarah <Sarah.Lawson@parsons.com>
Subject: RE: Islington Ave

I'm sorry, but we only sell hard copies.

From: Lawson, Sarah [mailto:Sarah.Lawson@parsons.com]
Sent: Tuesday, September 26, 2017 2:05 PM
To: Agostino, Eleonora <Eleonora.Agostino@vaughan.ca>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: RE: Islington Ave

Is it possible to provide payment online or via the phone, and have the drawings transmitted electronically?

Sarah Lawson
sarah.lawson@parsons.com
P: +1 905.943.0593 M: +1 647.407.0346

From: Agostino, Eleonora [mailto:Eleonora.Agostino@vaughan.ca]
Sent: Tuesday, September 26, 2017 2:03 PM
To: Lawson, Sarah <Sarah.Lawson@parsons.com>
Subject: RE: Islington Ave

The cost is $35.00 + tax per drawing and there's 9 drawings. I do not have the SWM reports.

From: Lawson, Sarah [mailto:Sarah.Lawson@parsons.com]
Sent: Tuesday, September 26, 2017 11:57 AM
To: Agostino, Eleonora <Eleonora.Agostino@vaughan.ca>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: RE: Islington Ave

Hi Eleonora,

Can you confirm if there's a cost associated with the drawings.

Also, were you able to locate the SWM reports, particularly that for Pond #80?

I've attached our original request to indicate the study area for your reference.

Thanks

Sarah Lawson
sarah.lawson@parsons.com
P: +1 905.943.0593 M: +1 647.407.0346

From: Agostino, Eleonora [mailto:Eleonora.Agostino@vaughan.ca]
Sent: Tuesday, September 26, 2017 11:49 AM
To: Lawson, Sarah <Sarah.Lawson@parsons.com>
Subject: Islington Ave

Drawings are ready for pick.

Eleonora Agostino
Engineering Technical Clerk
T: 905-832-8585 ext. 8365 | Eleonora.agostino@vaughan.ca

City of Vaughan | Infrastructure Delivery
2141 Major Mackenzie Dr, Vaughan, ON L6A 1T1
Vaughan.ca[vaughan.ca]

CANADA 150

VAUGHAN

From: Lawson, Sarah [mailto:Sarah.Lawson@parsons.com]
Sent: Friday, September 15, 2017 4:33 PM
To: Infrastructure Delivery <Infrastructure.Delivery@Vaughan.ca>; Development Engineering and Infrastructure Planning <developmentengineering@vaughan.ca>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Zaporzan, Justin <Justin.Zaporzan@parsons.com>;

Morales, Richard <Richard.Morales@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: 407 Transitway - Hurontario St. to Hwy 400 - Data Request

Good Afternoon,

We are working on the EA and Preliminary Design of the 407 Transitway Section Hurontario Street to Highway 400. Obtaining specific municipal storm water information is essential for our drainage strategy. We would appreciate your assistance in recommending the most practical and expedite way to obtain this information. We specifically are looking for plan and profile drawings of the storm sewer system at the following locations:

- **Islington Avenue** between Steeles Ave West & Hwy 7

In addition to this sewer information, we require information associate to the water crossings shown below as H5 and H8, as well as the adjacent developments. We are specifically looking for any subwatershed studies, culvert reports, site applications, subdivision report, etc; as well as the models that are associated with these reports.

In particular, there is a Pond #80 we would like to obtain the SWM Report and model if available.

Please advise on the best way for us to support expediting this request. We are available to come to your offices to obtain the information if this helps

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Liz Speller

From: Kerslake, Holly
Sent: January-16-18 2:57 PM
To: 'Shahrokni, Mani'
Cc: Garron, Gus
Subject: RE: MTO 407 TW Hurontario to Hwy 400 - Galcat Drive Ownership

Awesome, thanks for the updated Mani! Much appreciated.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Shahrokni, Mani [mailto:Mani.Shahrokni@vaughan.ca]
Sent: Tuesday, January 16, 2018 2:56 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: MTO 407 TW Hurontario to Hwy 400 - Galcat Drive Ownership

Hi Holly,

I am still waiting for the Development Planning Dept. to respond to my request. I am hoping to have an answer by end of day today.

Thank you,

Mani Shahrokni, P.Eng., PMP
City of Vaughan
(905) 832-8585, ext. 8163

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-12-18 9:25 AM
To: Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: MTO 407 TW Hurontario to Hwy 400 - Galcat Drive Ownership

Thanks Mani! Much appreciated.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Shahrokni, Mani [mailto:Mani.Shahrokni@vaughan.ca]
Sent: Friday, January 12, 2018 9:03 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: MTO 407 TW Hurontario to Hwy 400 - Galcat Drive Ownership

Hi Holly,

Happy New Year to you!

I will send this to the Planning Dept and will let you know ASAP.

Thank you,

Mani Shahrokni, P.Eng., PMP
City of Vaughan
(905) 832-8585, ext. 8163

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-11-18 4:57 PM
To: Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com
Subject: MTO 407 TW Hurontario to Hwy 400 - Galcat Drive Ownership

Hi Mani,

Happy New Year! Hope all things are well with you over at Vaughn.

Just a quick question regarding the ownership of a road in your jurisdiction – do you have any way of knowing if **Galcat Drive** is a public or privately owned road (screen shot below)? Our property boundary records indicate it is part of the "Brafasco" property however they may be out of date given they were surveyed a few years ago now.

Thanks in advance for your help!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>
Sent: February-26-18 4:02 PM
To: Blundell, Shelby
Cc: Liz Speller
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Report

Thank you Shelby for your email!

Mani Shahrokni, P.Eng., PMP
City of Vaughan
(905) 832-8585, ext. 8163

From: Blundell, Shelby
Sent: February-26-18 3:55 PM
To: Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>
Cc: Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Report

Hi Mani,

Thank you for forwarding this report to Cultural Heritage. Cultural Heritage have reviewed the report and are satisfied with the analysis and recommendations. We will file this report accordingly.

Best regards,

Shelby Blundell
Cultural Heritage Coordinator
905-832-8585, ext. 8813 | shelby.blundell@vaughan.ca

City of Vaughan I Development Planning Department
2141 Major Mackenzie Drive, Vaughan, ON L6A 1T1
vaughan.ca

From: Shahrokni, Mani
Sent: February-13-18 9:02 AM
To: Blundell, Shelby <Shelby.Blundell@vaughan.ca>; Guy, Katrina <Katrina.Guy@vaughan.ca>
Cc: Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>
Subject: FW: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Report

Shelby, Katrina,

Please see attached and email below from LGL. This is the CHER that was completed for a property located in the City of Vaughan, as part of the Highway 407 Transitway project from Hurontario Street to Highway 400.

Thank you,

Mani Shahrokni, P.Eng., PMP
City of Vaughan
(905) 832-8585, ext. 8163

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: February-12-18 1:45 PM
To: Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Wong, Winston L (MTO) <WinstonL.Wong@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Report

Good afternoon Mani,

As noted in the Draft Environmental Project Report for the 407 Transitway project (Hurontario Street to Highway 400), Cultural Heritage Evaluation Reports (CHERs) were required to be completed for a number of cultural heritage resources located in the vicinity of the study area. The CHERs have now been completed. Please see attached the CHER completed for CHL 1 (Humber River) - a property located in the City of Vaughan. Please forward to the City's heritage staff for their files/records.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

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Liz Speller

From: Liz Speller
Sent: May-08-18 1:09 PM
To: Liz Speller
Subject: FW: Mailing List

From: Foy, Julie [mailto:Julie.Foy@vaughan.ca]
Sent: Friday, April 20, 2018 2:58 PM
To: 'kingcity@lgl.com'
Subject: Mailing List

To whom it may concern,
Please note that the City Manager has changed from Steve Kanellakos to Daniel Kostopoulos when sending correspondence to the City of Vaughan.
Thank you,

Julie Foy
Executive Assistant to the City Manager
905-832-8585 Ext. 8287 | julie.foy@vaughan.ca

City of Vaughan | Office of the City Manager
2141 Major Mackenzie Dr., Vaughan, ON L6A 1T1
vaughan.ca

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CITY OF TORONTO

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Superintendent Ron Taverner
23 Division
Toronto Police Services
5230 Finch Avenue West
Toronto, Ontario
M9V 0A1

Update contact information if necessary

Toronto Police Service
40 College Street
Toronto, ON
M5G 2J3

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

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BY LGL LIMITED

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: November-04-15 9:38 AM
To: Elizabeth Speller
Subject: FW: 407 Transit way - Hurontario St to Hwy 400
Attachments: CCF11022015.pdf

From: Heather Smith [mailto:hsmith1@toronto.ca]
Sent: November-02-15 9:46 AM
To: George Ivanoff <givanoff@lgl.ca>
Subject: 407 Transit way - Hurontario St to Hwy 400

Good morning,

Please see the attached response from Commander Stadler regarding the above-mentioned.

Thank you,
Heather

Heather Smith
Administrative Assistant for:
Len Stadler, Division Commander
Operations, West Command
lstadler@toronto.ca

Toronto Fire Services
West Command, STN 442
2015 Lawrence Ave. West
Toronto, ON M9N 3V5
☎ **416-338-9069**
🖷 **416-338-9079**
hsmith1@toronto.ca

www.toronto.ca/fire

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Update contact information if necessary

Mr. Len Stadler
Division Commander
Toronto Fire Services, West Command
2015 Lawrence Avenue West
Toronto, Ontario
M9N 3V5

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. [X]

I have no concerns about the study and I can be removed from your contact list. [ ]

I will be commenting on this study by the date specified. [ ]

I will be providing background information related to this study by the date specified. [ ]

I am interested in receiving the following additional information about the study: [ ]

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

RECEIVED
NOV 0 2 2015
BY LGL LIMITED

From: Munn, Amy
To: Mary-Ann.George@ttc.ca; Munn, Amy; George Ivanoff
Cc: Heather.Walker@ttc.ca; Jacqueline.Darwood@ttc.ca; Jim.Sinikas@ttc.ca; Mitch.Stambler@ttc.ca; Mark.Mis@ttc.ca; Scott.Haskill@ttc.ca
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request
Date: November-12-15 9:23:07 AM
Attachments: image001.jpg

Hi Mary-Ann,

Thank you for the information. We will add you to our contact list and keep you informed as the project progresses.

Best,
Amy Munn

From: Mary-Ann.George@ttc.ca [mailto:Mary-Ann.George@ttc.ca]
Sent: Wednesday, November 11, 2015 3:16 PM
To: Amy.Munn@parsons.com; givanoff@lgl.ca
Cc: Heather.Walker@ttc.ca; Jacqueline.Darwood@ttc.ca; Jim.Sinikas@ttc.ca; Mitch.Stambler@ttc.ca; Mark.Mis@ttc.ca; Scott.Haskill@ttc.ca
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

I am responding on behalf of Mitch Stambler to the email request below, and to a letter from LGL Ltd, dated October 27, 2015, concerning the Notice of Study Commencement for the 407 Transitway from Hurontario to Hwy. 400. As most of this project occurs outside of Toronto, we expect that the TTC's requirements will be limited to the potential station site located in the Steeles/Hwy 50/Hwy 427 area. We provided comments earlier this year to the EA for the 427 Transitway – Highway 7 to Highway 407 project, and our requirements for this station on the 407 Transitway would be the same. The earlier comments are attached for your reference.

Please keep us informed about the study progress, as we would appreciate the opportunity to review the station design as it is developed. I will be the TTC contact/representative for this project, so please direct any future communications directly to me. Also attached is the form filled out as requested in your letter dated October 27, 2015.

MARY-ANN GEORGE
Senior Transportation Planner
Strategy and Service Planning Dept.
Toronto Transit Commission
5160 Yonge St., 9th floor
Toronto, Ontario, Canada M2N 6L9
Tel: 416-393-4471 Fax: 416-338-0400
Email: mary-ann.george@ttc.ca

From: Amy Munn [Amy.Munn@parsons.com]
Sent: November 3, 2015 1:51 PM
To: Stambler, Mitch
Cc: 'Gus Garron'
Subject: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Mr. Stambler

Further to our Notice of Study Commencement Letter sent on Tuesday October 27th, the Ontario Ministry of Transportation (MTO) is commencing the Environmental Assessment, and Preliminary Design of the 407 Transitway from West of Hurontario Street in the City of Brampton to East of Highway 400 in the City of Vaughan. The 407 Transitway will consist of a 23 km. two-lane, fully grade separated road on an exclusive right-of-way, running along the Highway 407 Corridor, and several station sites that will include parking, pick-up/drop-off, bus integration, and active transportation facilities. This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The project is currently in the data collection phase and the purpose of this letter is to request from your authority, any available information and data that may be relevant to the project. Your input with respect to constraints, opportunities, specific concerns, etc. will be most valuable to our project team throughout the study phases. The study area is illustrated in the map below. We have prepared the list shown below, of the data that we hope you will be able to provide; however, any other information that you consider relevant to the project will be most appreciated.

- Planned expansion
- Route plans
- Preference of on street vs. in station bus loops
- Station facility requirements
- Capacity requirements at each station

Key Plan of the Study Area

Please advise if you have any questions. Your support will be greatly appreciated.

Best Regards,

Amy Munn, PEng, BaSC
Project Engineer - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
amy.munn@parsons.com Office: 905.917.3221 – Mobile: 416.939.3054
PARSONS – Delivering Excellence
www.parsons.com | LinkedIn | Twitter | Facebook

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TORONTO TRANSIT COMMISSION

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ALAN HEISEY
JOE MIHEVC
DENZIL MINNAN-WONG
ANJU VIRMANI

April 16, 2015

Mr. Nanda Kandiah, P. Eng.
Project Manager
Ontario Ministry of Transportation
1201 Wilson Ave, Building D, 4th Floor
Downsview, ON. M3M 1 J8

Re: 427 Transitway - Highway 7 to Highway 407
Functional Design and Class Environmental Assessment Study
GWP 2229-09-00
Notice of Filing: 427 Transitway
Transportation Environmental Study Report

Dear Mr. Kandiah:

The Toronto Transit Commission (TTC) has reviewed the Ontario Ministry of Transportation Class Environmental Assessment (EA) Study to determine the long-term strategy which will address the transit needs of the Highway 427 transportation corridor between Highway 7 and Highway 407.

In order to continue to serve our customers in this area and to plan for future demand, the TTC requests the following:

- That the roadways leading to the Highway 407 Station Bus Loop be designed to allow the TTC to terminate up to two local bus routes at the Bus Loop; one coming from and going to the east on Steeles Avenue West, and one coming from and going to the south from Albion Road. As shown in Figure 7-3, it is not clear that the roadways are designed for this.

- That the Highway 407 Station Bus Loop be designed with two dedicated TTC platforms / bus bays to accommodate the customers of these two local bus routes.

If you have any questions or require clarification, please contact me at jacqueline.darwood@ttc.ca or 416-393-4499.

Sincerely,

Jacqueline Darwood
Manager, Service Planning
Toronto Transit Commission

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Mitch Stambler
TTC Service Planning
Toronto Transit Commission
5160 Yonge Street, 6th Floor
Toronto, Ontario
M2N 6L9

Update contact information if necessary
Mary-Ann Cercone
Sr. Transportation Planner
Strategy & Service Planning Dept.
TTC.
5160 Yonge St., 9th Floor
Toronto ON
M2N 6L9

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐
(See comments provided by email dated Nov. 11/15)

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Garrie Wright
Deputy Chief
Toronto Paramedic Service, EMS Operations
4330 Dufferin Street
Toronto, Ontario
M3H 5R9

Update contact information if necessary
PLANNING, SPECIAL EVENTS AND
EMERGENCY MANAGEMENT
TORONTO PARAMEDIC SERVICES
4330 DUFFERIN ST.
TORONTO ONT.
M3H 5R9
emsplanning@toronto.ca

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. [X]

I have no concerns about the study and I can be removed from your contact list. [ ]

I will be commenting on this study by the date specified. [ ]

I will be providing background information related to this study by the date specified. [ ]

I am interested in receiving the following additional information about the study: [ ]

_____

_____

_____

_____

_____

_____

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Neil Cresswell
Director, Community Planning –
Etobicoke York District
City of Toronto
3rd Floor, 2 Civic Centre Court
Etobicoke, Ontario
M9C 5A3

Update contact information if necessary

Toronto, Ontario

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☒

CONSISTENT WITH YOUR LETTER DATED OCT 27/15 CITY OF TORONTO STAFF EXPECT TO BE CONSULTED SHOULD WE BE AFFECTED BY THE 407 TRANSITWAY FACILITIES. WE WOULD ALSO LIKE TO ENSURE AS THIS PROCESS PROCEEDS THAT APPROPRIATE BUFFERING AND MITIGATION FORM PART OF ANY REVIEW. POTENTIAL IMPACTS TO STEELES AVENUE RESULTING FROM THE PROPOSED TRANSITWAY FACILITIES INCLUDING THE INTERCHANGE TERMINAL AT 427/407 AND THE COMMUTER PARKING LOT ON THE NORTHWEST CORNER OF STEELES/HWY 27 SHOULD BE ASSESSED/IDENTIFIED. THE ANALYSIS SHOULD ALSO INCLUDE CONSIDERATION FOR PEDESTRIAN/BICYCLE CONNECTIONS TO FUTURE TRANSITWAY FACILITIES.

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

LGL LIMITED
environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Phone: (905) 833-1244
Fax: (905) 833-1255
kingcity@lgl.com

TELEPHONE CONVERSATION RECORD

Project Name: 407 Transitway Hurontario to 400	**Project Number:** TA8558-02
Date and Time: First call to LGL: Tuesday, November 29, 2016 LGL Returned call: Tuesday, November 29, 2016 and left message. Spoke via phone on Thursday December 1, 2016	**LGL Staff:** Liz Speller
Respondent's Name: Lorna Zappone, Project Manager, Infrastructure Planning, Transportation Infrastructure Management, City of Toronto	
Respondent's Phone Number: 416-392-8650	
Respondent's Address: City of Toronto City Hall, 22nd Floor, East Tower, 100 Queen Street West Toronto ON M5H 2N2 Email: Lorna.Zappone@toronto.ca	
Summary of Telephone Conversation: Ms. Zappone asked about the timing of the first PIC, whether there would be a presentation and whether there would be any difference in the materials presented at the pre-PIC stakeholder session and the public session. I provided information about the format of the PIC and noted that there would be no formal presentation and no difference in the materials presented at the pre-PIC session and the public session. Ms. Zappone inquired about the schedule for the TPAP process and when the second PIC would take place. I provided general information about the schedule (TPAP likely triggered late in 2017) and noted that the second PIC would take place likely after triggering TPAP. Ms. Zappone requested that City of Toronto staff be invited to participate in the stakeholder group (TRG). I noted that Martin Maquire (Manager, Transit Projects – City Wide) from the City of Toronto was invited to attend the first TRG meeting in November 2016. Ms. Zappone confirmed that Mr. Maquire no longer works at the city. Ms. Zappone will confirm whether she will be the city representative for this project. In a follow-up email dated December 2, 2016, Ms. Zappone confirmed that she will be the one window contact for the city for this project, and requested that the project/TRG contact lists be updated.	
Follow-up Required: Add Ms. Zappone's name to the TRG and general contact list. Send minutes of TRG meeting #1 and presentation to Ms. Zappone.	

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: Monday, December 5, 2016 1:24 PM
To: Lorna.Zappone@toronto.ca
Cc: Garron, Gus; Liz Speller
Subject:407 Transitway (Hurontario to Highway 400) Presentation Slides
Attachments: 407TW3_TRGMeeting#1_FINAL.pdf

Hi Lorna,

Please see attached the TRG #1 Presentation content. The meeting minutes have not been finalized/circulated yet, however I will add you to the list so you will receive a copy once they are sent out.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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From: Lorna Zappone <Lorna.Zappone@toronto.ca>
Sent: Tuesday, December 20, 2016 9:14 AM
To: Liz Speller
Subject: RE: 407 Transitway - EA and Prelim Design

This is great, thanks Liz.

Lorna

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: December-14-16 12:22 PM
To: Lorna Zappone
Cc: DeRose, Graham (MTO); Merriam, Sarah (MTO); Garron, Gus; Kerslake, Holly; Liz Speller
Subject: RE: 407 Transitway - EA and Prelim Design

Good afternoon Lorna,

Here is the link to the project website and the panels/information presented at the Public Information Centres held for the 407 Transitway (Hurontario Street to Highway 400) last week:
http://www.407transitway.com/hurontarioTo400/consultation.html
Please let me know if you have any questions/comments.
Sincerely,
Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Monday, December 12, 2016 12:22 PM
To: Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway - EA and Prelim Design

Hello Liz, I was not able to attend one of the PICs last week. Hope it was a great turnout.

Wonder if you would mind sending me the PIC panels and any additional material that was provided as handouts. Unless it's available via project site, in which case, can I get that link pls?

Thanks.

Lorna Zappone, Project Manager

Infrastructure Planning
Transportation Infrastructure Management
City of Toronto
City Hall, 22nd Floor, East Tower
100 Queen Street West
Toronto ON M5H 2N2

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: December-05-16 1:09 PM
To: Lorna Zappone
Cc: Graham.DeRose@ontario.ca; sarah.merriam@ontario.ca; Garron, Gus; Kerslake, Holly
Subject: RE: 407 Transitway - EA and Prelim Design

Hi Lorna,

We will update the study contact lists with your contact information.

Regards, Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Friday, December 2, 2016 5:00 PM
To: 'lspeller@lgl.com' <lspeller@lgl.com>
Subject: 407 Transitway - EA and Prelim Design

Hi Liz, further to our discussion the other day, please revised your stakeholder/agency list by replacing Manager, Transit Projects – City Wide with me as the one-window contact for the City for this project.

Thanks.

Lorna Zappone, Project Manager
Infrastructure Planning
Transportation Infrastructure Management
City of Toronto
City Hall, 22nd Floor, East Tower
100 Queen Street West

Toronto ON M5H 2N2

P: 416-392-8650
Lorna.Zappone@toronto.ca

Liz Speller

From: Liz Speller
Sent: Wednesday, March 8, 2017 6:49 PM
To: 'Kerslake, Holly'; Lorna Zappone
Cc: Garron, Gus; DeRose, Graham (MTO); Robb Minnes; Jeffrey Dea; Sowel Kang; Merriam, Sarah (MTO)
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning
Attachments: 407 Transitway West - Highway 50 Area.pdf

Hi Lorna,

As requested, please find attached a map showing the proposed plan in the vicinity of Highway 50 for the 407 Transitway. This map also shows the original overall study area boundary (for the purposes of gathering existing conditions information) as well as the municipal boundaries.

Regards,
Liz

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Friday, March 03, 2017 4:19 PM
To: 'Liz Speller' <lspeller@lgl.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>; Sowel Kang <skang@lgl.ca>; Merriam, Sarah (MTO) <Sarah.Merriam@ontario.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Thanks Liz. Holly, still working on availability confirmation for March 9 meeting. I can tell you the time slot is between 8:30 – 10am

The majority of City staff are out at the Etobicoke CC, but it is difficult for Mary and I to get out there that early. The alternative is to meet at CH and have City Planning/Transportation Planning call in.

Will let you know when I hear back from the others Monday.

Lorna

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: March-02-17 4:43 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>; Sowel Kang <skang@lgl.ca>; Merriam, Sarah (MTO) <Sarah.Merriam@ontario.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna,

Sorry for the delay. As requested, please find attached the DRAFT Preliminary Cultural Heritage Resource Assessment – Existing Conditions Report prepared by ASI for the 407 Transitway (from West of Hurontario Street to east of Highway 400) for your review prior to the meeting.

As discussed, we are working on adding the overall study area boundary and municipal boundaries to the attached Highway 50 station site figure (from the PIC panels). I will forward this updated figure as soon as possible. I can confirm that the dotted red line (southwest of Codlin Crescent) represents potential parking expansion.

Regards,
Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Wednesday, March 1, 2017 10:27 AM
To: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Holly, when I spoke with Liz she agreed to provide some additional information about the study area, etc..

I've not seen anything as yet. Can you pls check in with her and send along the details.

Meantime, I'll check on the March 9 date with the other City staff.

Thanks.

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-27-17 3:29 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes

<r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna,

Would Thursday March 9th in the AM work for you?

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, February 24, 2017 12:46 PM
To: 'Lorna Zappone' <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna,

Sorry for the delay in getting back to you – we were trying to sort out our availability internally before contacting you. Liz told me you spoke on the phone and March 1st does not work for you. I will check on availability of everyone between March 7-9 – again my apologies, we are trying to make sure everyone from MTO, Parsons, LGL, ASI etc. are available for this meeting.

If there is any time between these dates which does not work for you, please let me know.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Tuesday, February 21, 2017 3:09 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Holly, pls provide a few dates/times between Feb 27 and March 9. We should be able to find a meeting room here at City Hall.

The staff in heritage preservation would like to know the status of the heritage report. If it is in process, is a draft available for review prior to the meeting?

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-17-17 12:39 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Ok thanks Lorna, much appreciated.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Friday, February 17, 2017 11:23 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Holly, thanks for the clarification in your Feb 1 email.

I've reached out to Planning and Heritage to identify staff assignment and available dates/times.

Lorna

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-15-17 11:44 AM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea

<Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna!

I am just following-up to the email below. Please let me know if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, February 01, 2017 2:59 PM
To: 'Lorna Zappone' <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna,

First my apologies, I misunderstood and you are correct in that ASI has not been in contact with any Heritage staff regarding this. However, I believe they have worked with Mary before which is where her name came from.

Basically, we were hoping to set up a meeting with the City of Toronto to discuss the cultural heritage significance of the Historic Settlement of Claireville and associated buildings. This settlement may be impacted by our alignment/station options. We are interested in obtaining from the City any available relevant information and discussing with you the cultural heritage significance of this site. Additionally, we are looking for information on any future development plans in the area. We would be looking to meet with City staff who are familiar with the area and are knowledgeable on its status.

Our team is flexible as to when the meeting can be held – if you could provide availabilities over the next month or so, I can set something up. We are available to come to your offices for the meeting.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Tuesday, January 31, 2017 12:56 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>; Jeffrey Dea

<Jeffrey.Dea@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Holly, our Heritage people don't recall any previous discussions with ASI about this. Could be due to slightly different context.

Pls provide me with a bit more detail (dates, report review, comments, next steps, etc.) so I can be sure to involve the correct Heritage staff.

Thanks.

Lorna

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-30-17 4:55 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Great! Thanks for following up Lorna.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Monday, January 30, 2017 4:54 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Holly, haven't forgotten about this. Hope to have some dates shortly.

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-20-17 3:49 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>

Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna,

The sooner the better for us, whatever works for you. We were hoping sometime within the next couple of weeks.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Friday, January 20, 2017 3:34 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning

Good afternoon Holly, I am in the process of identifying the appropriate staff to include. Give me a few days to get responses.

In the meantime, what time frame are you working with? Any rough ideas of meeting dates?

Lorna Zappone, Project Manager
Infrastructure Planning
Transportation Infrastructure Management
City of Toronto
City Hall, 22nd Floor, East Tower
100 Queen Street West
Toronto ON M5H 2N2

P: 416-392-8650
Lorna.Zappone@toronto.ca

TORONTO Transportation Services

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-18-17 1:58 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Sowel Kang <skang@lgl.ca>
Subject: 407 Transitway - Highway 50 Station Site - Land Use Planning

Hi Lorna,

Parsons was hoping to arrange a meeting with the City of Toronto regarding the Historic Settlement of Claireville and associated buildings located within the proposed Highway 50 station site (Transitway concept attached from PIC #1). We are interested in discussing what plans the City has for this area in terms of land use planning etc.

Just to add, I believe ASI (our heritage consultant) has been in contact with Mary MacDonald (Acting Manager, Heritage Preservation Services) on this topic.

Please advise when you and/or others would be available to meet. Feel free to give me a call if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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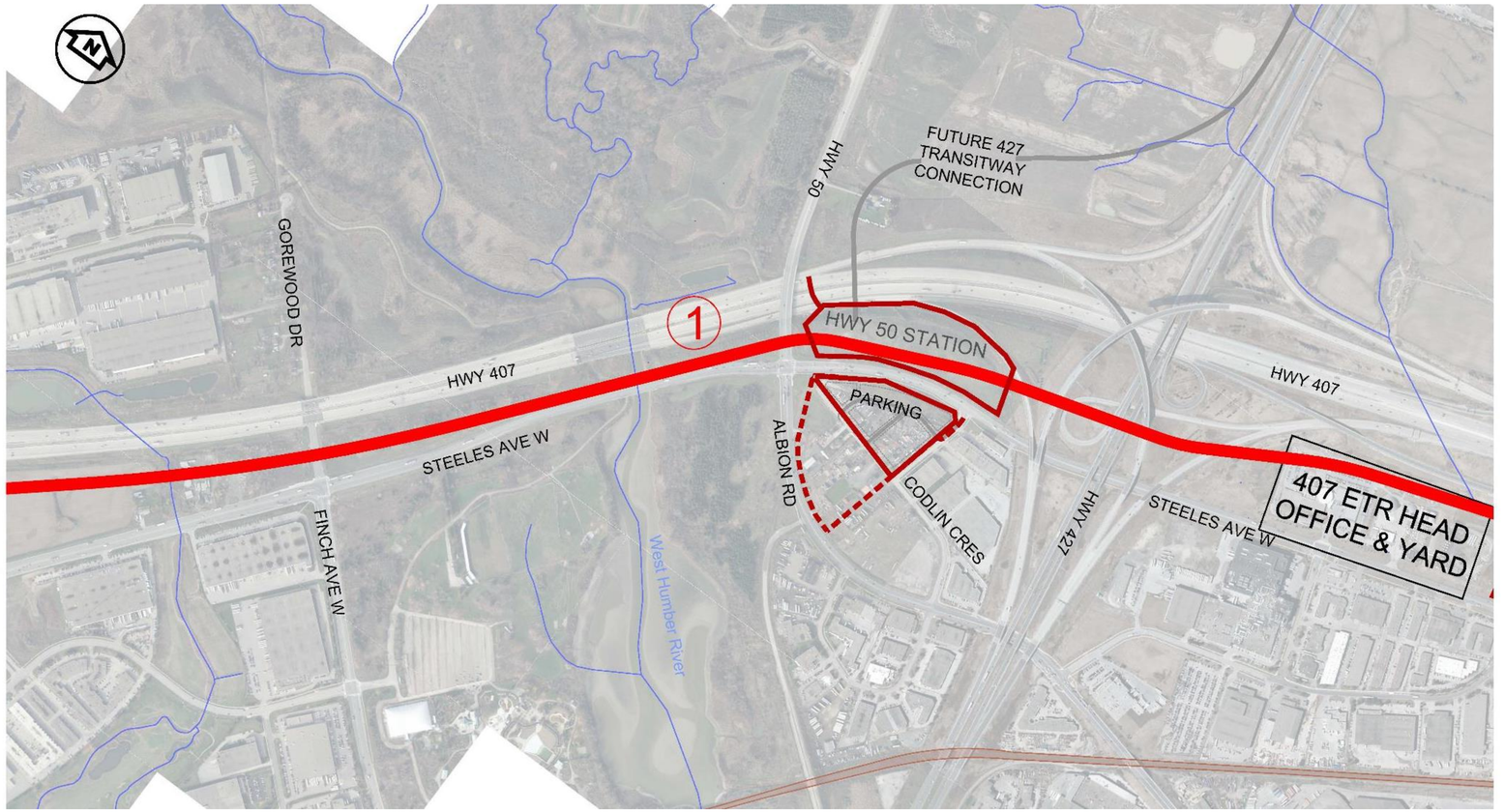
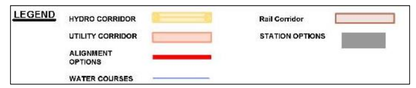
Alignment and Station Site Alternatives
Highway 50 Area

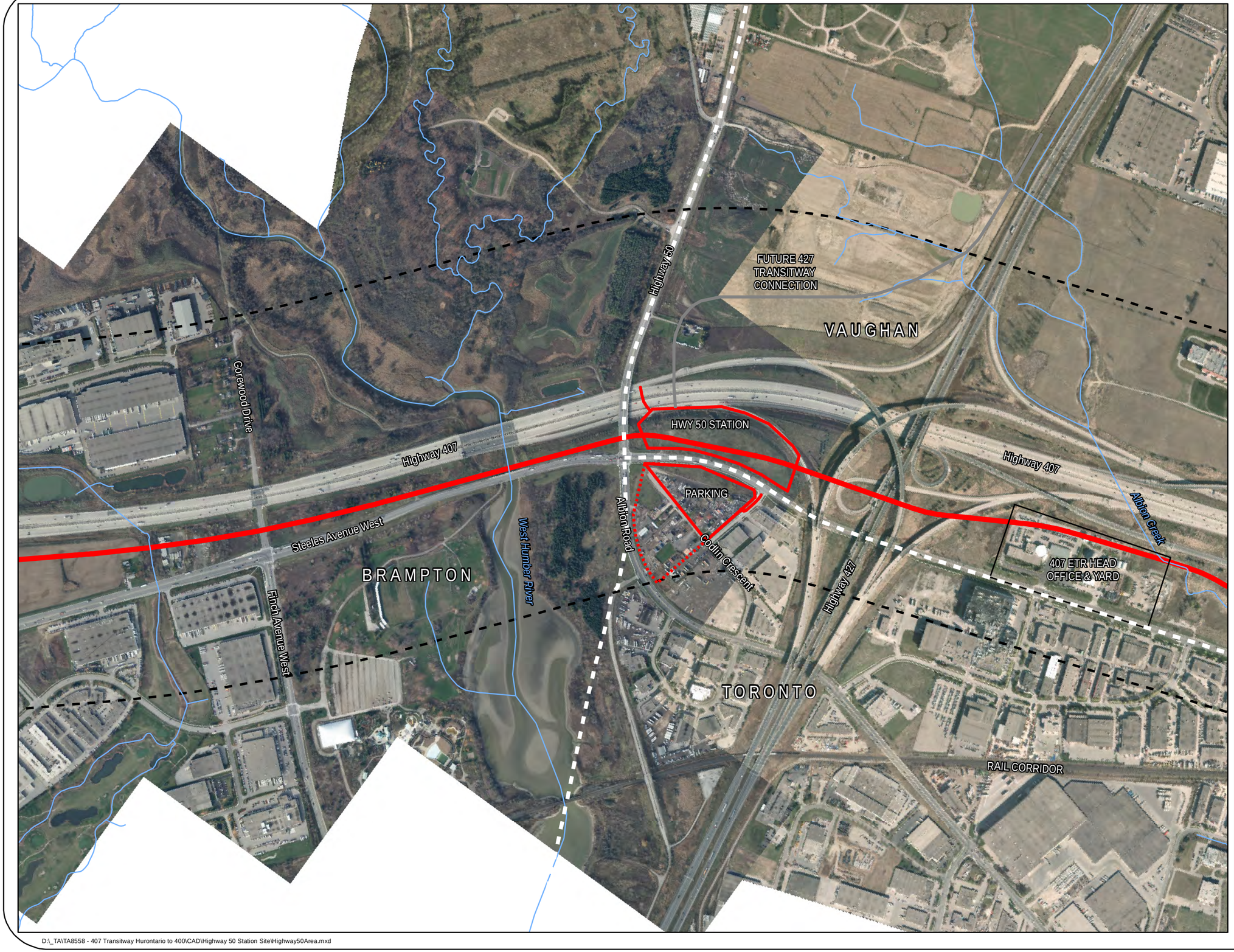




Alignment Alternatives	Station Options

• Only one feasible Alignment (tunnel under Hwy 50 and Hwy 427).	• **Highway 50/ 427 Station Option:**
	  • Integrates with Hwy 427 BRT/LRT.
	  • Poor access to/from Highway 407.
	  • Signalized access from Steeles Avenue, with grade separated pedestrian crossing of Steeles Avenue.
	  • May require expansion south of Codlin Crescent.

Initial Recommendation: Carry alignment alternative and station option forward.



LEGEND

- Study Area
- Municipal Boundary
- Alignment
- Watercourse

200 100 0 200 Metres

ALIGNMENT AND STATION
SITE ALTERNATIVES
HIGHWAY 50 AREA

LGL LIMITED
environmental research associates

Project:	TA8558	**Figure:**	1
Date:	March, 2017	**Prepared By:**	MWF
Scale:	1 : 10,000	**Checked By:**	EJS

D:_TA\TA8558 - 407 Transitway Hurontario to 400\CAD\Highway 50 Station Site\Highway50Area.mxd

Liz Speller

From: Lorna Zappone <Lorna.Zappone@toronto.ca>
Sent: Friday, May 5, 2017 11:09 AM
To: 'Kerslake, Holly'
Cc: Liz Speller; Robb Minnes; DeRose, Graham (MTO); Merriam, Sarah (MTO); Garron, Gus; Richard Beck; Jeffrey Dea; Mary (Planning) MacDonald; Luisa Galli; Sabrina Salatino; Samuel Baptiste; Luigi Nicolucci; Garvin Tom
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning - Draft Meeting Minutes

Hello Holly, apologies for the delay in forwarding the below comments from our Transportation Planning staff. If you have any questions, pls let us know.

We look forward to seeing the property ownership map and ongoing consultation concerning this study, including parking supply and heritage-related matters.

Best regards,

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Richard Beck
Sent: April-19-17 9:37 AM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Jeffrey Dea <Jeffrey.Dea@toronto.ca>; Luisa Galli <Luisa.Galli@toronto.ca>; Sabrina Salatino <Sabrina.Salatino@toronto.ca>; Samuel Baptiste <Samuel.Baptiste@toronto.ca>; Garvin Tom <Garvin.Tom@toronto.ca>
Subject: RE: 407 Transitway - Highway 50 Station Site - Land Use Planning - Draft Meeting Minutes

Hi Lorna,

My only comment is that MTO will need to undertake a thorough analysis to justify the commuter parking supply. The 427 Transitway was just completed and now they are looking at doubling the surface area required for commuter parking, while presenting no documentation in support. The Local Councillor was interested in creating a gateway feature to the City of Toronto at the Hwy 50/Steeles/Albion intersection and a large surface parking lot on developable lands is not desirable from the City's perspective. The City will be seeking to minimize the footprint for commuter parking, including looking at alternatives including parking structures.

In the original Parkway Belt West Plan (1998), the commuter parking was identified within the City owned lands along the south side of Steeles and on the north side of Steeles in Vaughan. The size of the lot continues to expand and is not completely located within the City of Toronto, impacting privately owned property.

Richard

Richard Beck
Program Manager, Transportation Planning

Tel: 416-394-8235
Fax: 416-394-6063
Richard.Beck@toronto.ca

From: Lorna Zappone
Sent: April-11-17 8:44 AM
To: Luisa Galli <Luisa.Galli@toronto.ca>; Luigi Nicolucci <Luigi.Nicolucci@toronto.ca>; Richard Beck <Richard.Beck@toronto.ca>; Sabrina Salatino <Sabrina.Salatino@toronto.ca>; Mary (Planning) MacDonald <Mary.MacDonald@toronto.ca>
Cc: Jeffrey Dea <Jeffrey.Dea@toronto.ca>
Subject: FW: 407 Transitway - Highway 50 Station Site - Land Use Planning - Draft Meeting Minutes

Good morning – attached are draft meeting minutes for your review.

Pls let me know by April 18 any needed clarifications or revisions.

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: April-07-17 4:45 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Liz Speller <lspeller@lgl.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Merriam, Sarah (MTO) <Sarah.Merriam@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: 407 Transitway - Highway 50 Station Site - Land Use Planning - Draft Meeting Minutes

Hi Lorna,

Attached is a Draft of the meeting minutes for the 407 Transitway - Highway 50 Station Site - Land Use Planning meeting with the City of Toronto, held on March 21st, 2017. Please review and let me know if you have any comments.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

Liz Speller

From: Lorna Zappone <Lorna.Zappone@toronto.ca>
Sent: August-17-17 12:00 PM
To: 'Kerslake, Holly'
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Robb Minnes; Lawson, Sarah; Liz Speller
Subject: RE: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hi Holly, plan profiles of the storm sewer system is Toronto Water infrastructure - you will need to request from them. There is likely a general info/request telephone # or email address on the TW web page.

Martin Maguire is no longer with the City.

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: August-15-17 5:59 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>; martin.maguire@toronto.ca
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>; Lawson, Sarah <Sarah.Lawson@parsons.com>; Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway - Hurontario St. to Hwy 400 - Additional Data Request (Utility Information)

Hello Lorna & Martin,

The EA and Preliminary Design of the 407 Transitway Section Hurontario Street to Highway 400 continues to progress. Obtaining specific municipal storm water information is essential for our drainage design team. We will much appreciate your assistance recommending the most practical and expedite way to obtain this information. We specifically are looking for plan and profile drawings of the storm sewer system at the following locations:

- **Steeles Avenue** between Torbram Road and Airport Road.
- **Steeles Avenue** between Airport Rd. & Goreway Rd
- **Steeles Avenue** between Derry Rd. E & Queen St. E

Please feel free to give me a call (647-467-8379) if you have any questions or concerns. To help expedite this request, note that we are available to come to your office to obtain the information – assuming this is faster. Please advise.

Thank-you,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446

Cell : +1 647.467.8379

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Liz Speller

From: Lawson, Sarah <Sarah.Lawson@parsons.com>
Sent: September-15-17 4:32 PM
To: EngDrawings@toronto.ca
Cc: Zaporzan, Justin; Kerslake, Holly; Garron, Gus; Morales, Richard; DeRose, Graham (MTO); Liz Speller; Robb Minnes
Subject: Request for Information - SWM drawings/reports

Good Afternoon,

We are working on the EA and Preliminary Design of the 407 Transitway Section Hurontario Street to Highway 400. Obtaining specific municipal storm water information is essential for our drainage strategy. We would appreciate your assistance in recommending the most practical and expedite way to obtain this information. We specifically are looking for plan and profile drawings of the storm sewer system at the following locations:

- **Albion Road** between Steeles Avenue. West & Codlin Crescent;
- **Codlin Crescent;** and
- **Alcide Street.**

In addition to this sewer information, we are working on the design of proposed bus station (shown in lime green in the picture below) that is located on the Northwest corner of Steeles and Hwy 27. The station is proposed to be built directly over top of the existing creek (shown in light blue in the picture below), so we are working on designing a realignment to the creek.

There is a culvert on the North side of Steeles that conveys flow downstream. Could you please provide us any details of this culvert, including reports and reports?

Please advise on the best way for us to support expediting this request. We are available to come to your offices to obtain the information if this helps.

Sarah Lawson, MASc. P.Eng.
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
sarah.lawson@parsons.com - P: +1 905.943.0593 M: +1 647.407.0346

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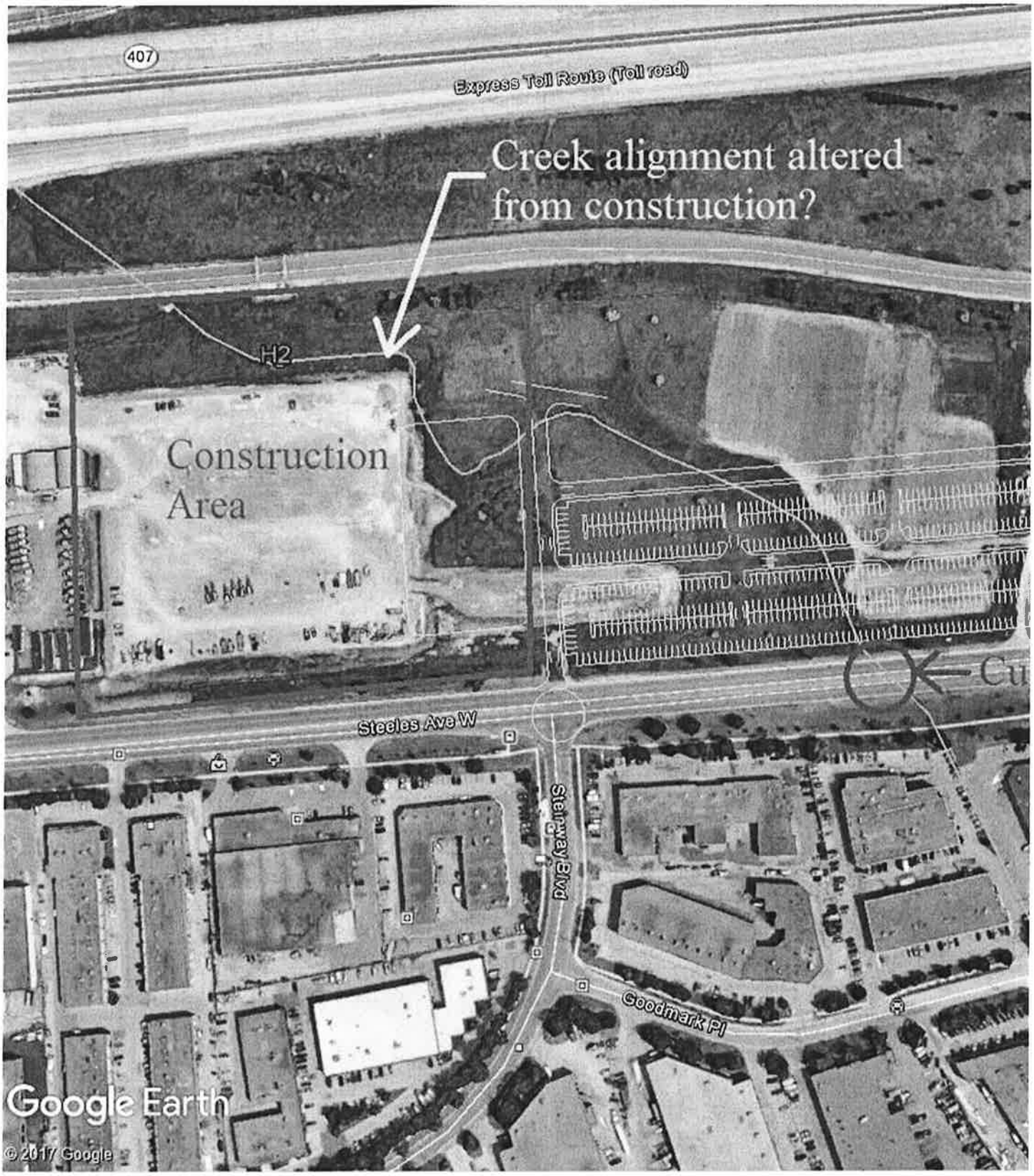

Thank you in advance,

Liz Speller

From: Zaporzan, Justin
Sent: October-18-17 3:17 PM
To: Omer Sydeqi; Mike Kolominsky
Cc: Kerslake, Holly; Morales, Richard; He, Mike
Subject: RE: Request for CUMAP Info - Steeles & Hwy 27
Attachments: DRF_19474_SIGNED_20181018.pdf

Omer,

The data release form has been signed and can be found attached.

Regards,

Justin Zaporzan

From: Omer Sydeqi [mailto:Omer.Sydeqi@toronto.ca]
Sent: Wednesday, October 18, 2017 2:54 PM
To: Zaporzan, Justin <Justin.Zaporzan@parsons.com>; Mike Kolominsky <Mike.Kolominsky@toronto.ca>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: RE: Request for CUMAP Info - Steeles & Hwy 27

Hi Justin,

Attached is the data release form for the requested area.
Please sign it and email it back to me and I will proceed with the order.

Thank you,

Omer Sydeqi, C.E.T.
Engineering Technologist Technician 3, Utility Mapping
Engineering Review, Third Party & Utility Review
Engineering & Construction Services
City of Toronto
275 Merton Street
Toronto, Ontario M4S 1A7
P: 416.392.8474
E: Omer.Sydeqi@toronto.ca
TORONTO Engineering & Construction Services

From: Zaporzan, Justin [mailto:Justin.Zaporzan@parsons.com]
Sent: October-18-17 2:36 PM
To: Omer Sydeqi <Omer.Sydeqi@toronto.ca>; Mike Kolominsky <Mike.Kolominsky@toronto.ca>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; He, Mike

<Mike.He@parsons.com>
Subject: RE: Request for CUMAP Info - Steeles & Hwy 27

Thank you Omer,

That is exactly the information we need and we are still interested. I can pay using Visa.

Please advise on how to proceed.

Regards,

Justin Zaporzan

From: Omer Sydeqi [mailto:Omer.Sydeqi@toronto.ca]
Sent: Wednesday, October 18, 2017 12:54 PM
To: Mike Kolominsky <Mike.Kolominsky@toronto.ca>; Zaporzan, Justin <Justin.Zaporzan@parsons.com>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: RE: Request for CUMAP Info - Steeles & Hwy 27

Hi Justin,

As per your requested area (Figure 1 circled with red), we have CUMAP files (DGN,DWG) that include:

- watermain,
- sewers (storm, sanitary, combined), and
- transportation (curbs, traffic signals and bus shelters) information only.

To view a sample map and our prices use link below:

http://www1.toronto.ca/wps/portal/contentonly?vgnextoid=20c298b613412410VgnVCM10000071d60f89RCRD[www1.toronto.ca]

Since your requested area is under one square kilometre, the cost is $ 226.00 (Taxes included).

If you are interested, please confirm the method of payment (Amex, MasterCard or Visa) so that I can proceed with the data release.

Thanks,

Omer Sydeqi, C.E.T.
Engineering Technologist Technician 3, Utility Mapping
Engineering Review, Third Party & Utility Review
Engineering & Construction Services
City of Toronto
275 Merton Street
Toronto, Ontario M4S 1A7
P: 416.392.8474
E: Omer.Sydeqi@toronto.ca
TORONTO Engineering & Construction Services

From: Mike Kolominsky
Sent: October-18-17 11:08 AM
To: 'Zaporzan, Justin' <Justin.Zaporzan@parsons.com>; Omer Sydeqi <Omer.Sydeqi@toronto.ca>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: RE: Request for CUMAP Info - Steeles & Hwy 27

Omer,

Please assist Justin.

Thank you

Michael Kolominsky, GISP
Supervisor, Utility Mapping
Engineering Review, Third Party & Utility Review
Engineering & Construction Services
City of Toronto
275 Merton Street
Toronto, Ontario M4S 1A7
P: 416.338.5023
E: mike.kolominsky@toronto.ca
TORONTO Engineering & Construction Services

From: Zaporzan, Justin [mailto:Justin.Zaporzan@parsons.com]
Sent: October-17-17 2:50 PM
To: Mike Kolominsky <Mike.Kolominsky@toronto.ca>
Cc: Kerslake, Holly <Holly.Kerslake@parsons.com>; Morales, Richard <Richard.Morales@parsons.com>; He, Mike <Mike.He@parsons.com>
Subject: Request for CUMAP Info - Steeles & Hwy 27

Good afternoon Mike,

My name is Justin Zaporzan and I am working with Parsons on an EPR for the proposed 407 Transitway for the MTO. We require information to complete our hydraulic analysis and stormwater management design for one of the proposed stations. The station is near the intersection of Steeles Ave W and Highway 27.

We have received some information from the Engineering Drawings department at the City of Toronto, which has confirmed the location of the 2.4m x 1.2m box culvert, however, we require additional information showing how the

watercourse continues downstream. Figure 2 below shows a screenshot of the drawing which was provided to us, with the existing culvert highlighted.

Figure 1 below shows the area of interest outlined in red. We are looking for storm sewer information that shows how Albion Creek is enclosed in this area.

Could you please help us acquire this information? Your assistance would be greatly appreciated.

Regards,

Justin Zaporzan
Municipal Designer
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
justin.zaporzan@parsons.com - P: +1 905.943.0449

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407
Express Toll Route (Toll road)
H2
Albion Creek
Steeles Ave W
Signal Hill Ave
Goodmark Pl
Culvert information required
Steinway Blvd
Carrier Dr

Figure 1 - Screenshot of Information Required

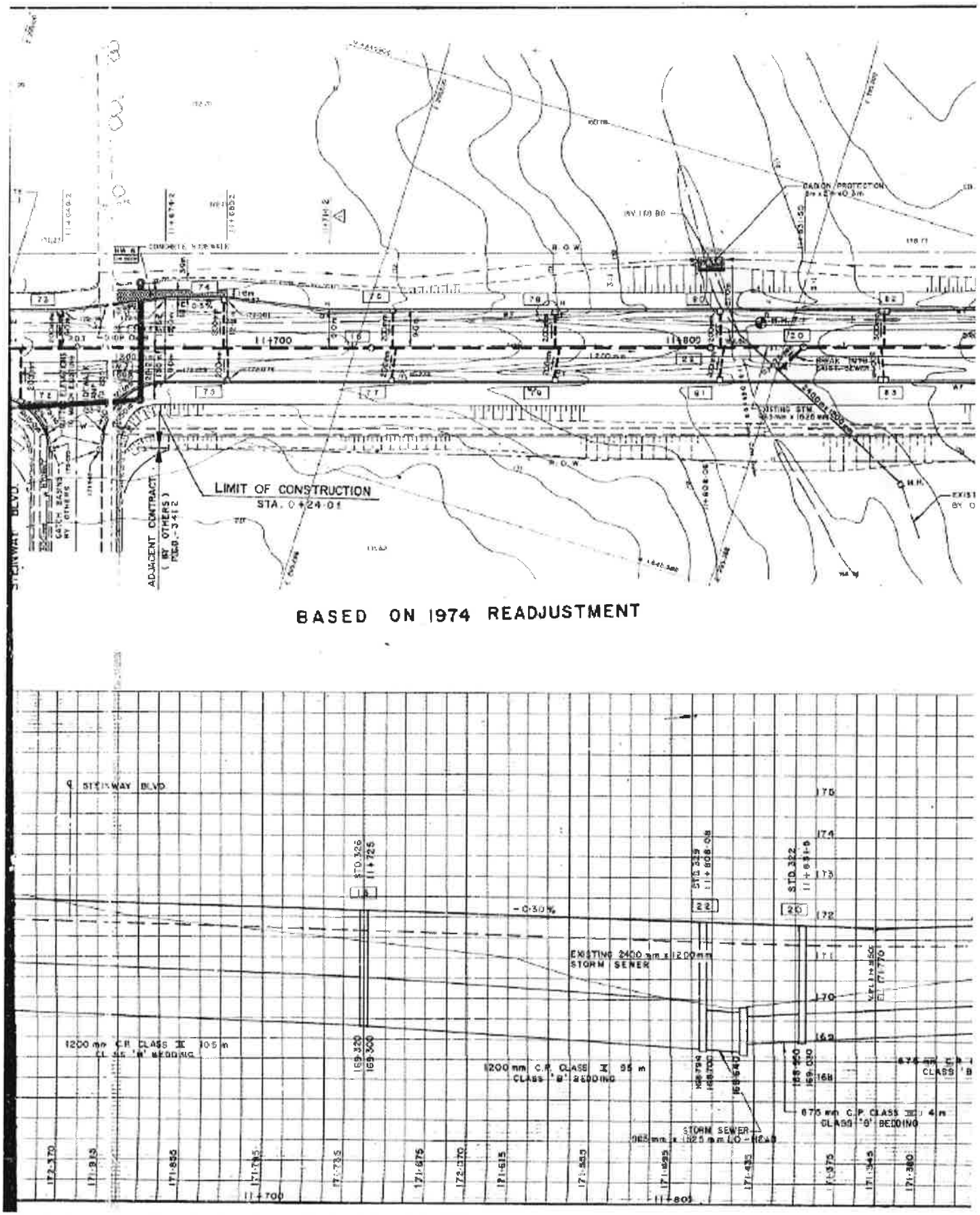

Figure 2 - Screenshot of Drawing Showing the Existing 2.4m x 1.2m Culvert

Liz Speller

From: Lorna Zappone <Lorna.Zappone@toronto.ca>
Sent: December-08-17 4:11 PM
To: 'Kerslake, Holly'
Cc: Garron, Gus; Liz Speller; DeRose, Graham (MTO)
Subject: RE: MTO 407 Transitway - Highway 50 Station Site Property Ownership

Hi Holly, this is very helpful, thanks. Look forward to seeing the draft document. Have a great weekend.

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-08-17 4:08 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: MTO 407 Transitway - Highway 50 Station Site Property Ownership

Hi Lorna,

I have attached a more detailed breakdown of the property ownership – please let me know if you have any additional questions or concerns.

My apologies in regards to the second TRG meeting today – an agenda was not circulated however the meeting did take place this morning. In summary, we presented a summary of the Draft Environmental Project Report (EPR) which will be submitted to all Stakeholders for review next Friday (December 15th). You'll receive an email next Friday with information on where to retrieve the files etc.

Thanks and have a great weekend!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Lorna Zappone [mailto:Lorna.Zappone@toronto.ca]
Sent: Friday, December 08, 2017 8:49 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: MTO 407 Transitway - Highway 50 Station Site Property Ownership

Hi Holly, thank you. The numbers on the map do not cross-reference to any legend or list. Perhaps a page is missing?

Further, wrt the TRG meeting this morning, never did receive an agenda or materials so figured it's not happening.

Lorna Zappone, Project Manager
Infrastructure Planning

P: 416-392-8650
Lorna.Zappone@toronto.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-01-17 12:30 PM
To: Lorna Zappone <Lorna.Zappone@toronto.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: MTO 407 Transitway - Highway 50 Station Site Property Ownership

Hi Lorna,

As requested, attached is a map showing the Highway 50 Station Site Property Ownership. Please let us know if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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LEGEND

- 407 Transitway
- Government Owned Property
- Privately Owned Property

40 20 0 40 Metres

N

407 TRANSITWAY PROPERTY OWNERSHIP

LGL LIMITED
environmental research associates

Project: TA8558	**Figure:** 1
Date: November, 2017	**Prepared By:** MWF
Scale: 1 : 4000	**Checked By:** EJS

D:\OneDrive - LGL Limited_TA\TA8558 - 407 Transitway Hurontario to 400\Maps\Highway50StationAreaPropertyOwners_GovernmentGrouped.mxd

LEGEND

- Alignment
- Station

Property Ownership

- Privately Owned Property
- City of Toronto
- City of Vaughan
- Region of York
- Region of Peel
- Region of Peel/Minister of Transportation
- Minister of Transportation
- Minister of Infrastructure

40 20 0 40 Metres

N

407 TRANSITWAY WEST (TW3) PROPERTY OWNERSHIP

LGL LIMITED
environmental research associates

Project: TA8558	**Figure:** 1
Date: November, 2017	**Prepared By:** MWF
Scale: 1 : 4000	**Checked By:** EJS

D:\OneDrive - LGL Limited_TA\TA8558 - 407 Transitway Hurontario to 400\Maps\Highway50StationAreaPropertyOwners_GovernmentIndividual.mxd

Liz Speller

From: Liz Speller
Sent: February-09-18 12:53 PM
To: Lorna Zappone
Cc: 'DeRose, Graham (MTO)'; Sarris, Larry (MTO); Wong, Winston L (MTO); Garron, Gus; 'Kerslake, Holly'; r.minnesconsulting@gmail.com; 'AVeilleux@asiheritage.ca'; Liz Speller
Subject: 407 Transitway (Hurontario to Highway 400) - Cultural Heritage Evaluation Reports

Importance: High

Good morning Lorna,

As noted in the Draft EPR for the 407 Transitway project (Hurontario Street to Highway 400), Cultural Heritage Evaluation Reports (CHERs) were required to be completed for a number of cultural heritage resources located in the vicinity of the study area. The CHERs have now been completed. Please see below the links to the following five CHERs completed for properties located in the City of Toronto:

BHR 15 (2158 Codlin Crescent):

https://www.dropbox.com/s/p7d3a720m5nlouw/407%20TW3%20BHR%2015%20%202158%20Codlin%20CHER_31Jan18.pdf?dl=0

BHR 17 (2150 Codlin Crescent):

https://www.dropbox.com/s/prmt73ycd1jpkq1/407%20TW3%20BHR%2017%20%202150%20Codlin%20CHER_31Jan18.pdf?dl=0

BHR 19 (2140 Codlin Crescent):

https://www.dropbox.com/s/2ncrjela0jgu8rn/407%20TW3%20BHR%2019%20%202140%20Codlin%20CHER_31Jan18.pdf?dl=0

BHR 21 (2128 Codlin Crescent):

https://www.dropbox.com/s/4bdlc8pjbkqxxb2/407%20TW3%20BHR%2021%202128%20Codlin%20CHER_31Jan18.pdf?dl=0

CHL 15 (Claireville Settlement):

https://www.dropbox.com/s/29vav67m4wugxun/407%20TW3%20CHL%2015%20Claireville%20CHER%207Feb2018.pdf?dl=0

Please forward to the City's Heritage Preservation Services staff for their files/records.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Cell: 416-425-3641
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-15-17 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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MIWAY

Liz Speller

From: Alice Ho <Alice.Ho@mississauga.ca>
Sent: June-12-18 7:58 AM
To: Kerslake, Holly; Ji-Yeon Lee
Cc: Leung, Winnie; Garron, Gus; r.minnesconsulting@gmail.com; Liz Speller; DeRose, Graham (MTO); Sarris, Larry (MTO)
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Hi Holly,

Thanks for the response. We have no further comments.

Regards,

Alice

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2018/06/08 1:06 PM
To: Alice Ho; Ji-Yeon Lee
Cc: Leung, Winnie; Garron, Gus; r.minnesconsulting@gmail.com; Liz Speller; DeRose, Graham (MTO); Sarris, Larry (MTO)
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Hello Alice,

After internal discussions, the 407 Transitway Team considers the wording proposed for the commitment in our June 1st, 2018 "Comments and Responses" table, appropriate. As the Commitment states, during site plan development prior to the implementation phase as well as upon work completion, the station concept layouts and any potential modifications to municipal roads infrastructure and operation, transit transfer needs, municipal services, and utilities will be discussed, consulted, and reviewed with the corresponding municipalities and transit agencies.

Please let us know if you would like to further discuss.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Alice Ho <Alice.Ho@mississauga.ca>
Sent: Wednesday, June 06, 2018 1:38 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>; Ji-Yeon Lee <Ji-Yeon.Lee@mississauga.ca>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Hi Holly,

Thank you for providing us with responses to our comments and for the noted changes to the draft EPR. We had one final comment/revision that we would like to suggest for your consideration for the statement that will be included as part of Chapter 10 – Commitments, Table 10.1, Transportation, Station Design:

Statement put forward by the Project Team in response to comment MW-19:

The station facility and accesses concept layouts and design, as well as further requirements for any proposed modifications to municipal roads infrastructure and operation, transit transfer needs, municipal services and utilities, will be discussed consulted and reviewed with the corresponding municipalities and transit agencies during further site plan development prior to the implementation phase as well as upon work completion.

MiWay's proposed revised statement as follows:

The conceptual station layouts, as prepared for the EPR, will be reviewed and updated following discussions and in consultation with adjacent municipalities and transit agencies regarding requirements related to municipal road infrastructure and operations, transit transfer needs, pedestrian connectivity, station amenities, municipal services and utilities during time of site plan development and prior to and during the implementation and construction phases.

Thank you again for your consideration.

Regards,

Alice

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: 2018/06/01 12:17 PM
To: Ji-Yeon Lee; Alice Ho
Cc: Leung, Winnie; Garron, Gus; r.minnesconsulting@gmail.com; Liz Speller; DeRose, Graham (MTO); Sarris, Larry (MTO)
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Hello Alice,

Attached are responses MiWay's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Wednesday, May 23, 2018 12:37 PM
To: Alice Ho <Alice.Ho@mississauga.ca>; Liz Speller <lspeller@lgl.ca>; Ji-Yeon Lee <Ji-Yeon.Lee@mississauga.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Bishop, Chris <Chris.Bishop@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Robb Minnes

<r.minnesconsulting@gmail.com>
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Hello Alice,

Thank you for circulating MiWay's comments and questions regarding the Environmental Project Report for the 407 Transitway EA study, from west of Hurontario Street to east of Highway 400.

The project team will review and provide responses/updates to you accordingly.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Alice Ho [mailto:Alice.Ho@mississauga.ca]
Sent: May 23, 2018 11:32 AM
To: DeRose, Graham (MTO); Liz Speller; Ji-Yeon Lee
Cc: Sarris, Larry (MTO); Bishop, Chris; Garron, Gus; Kerslake, Holly; Robb Minnes
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Good morning Graham,

Thank you for giving us the opportunity to undertake a review of the draft EPR and to provide comments, outside of your original process requirements. Upon review of the document, MiWay agrees that there is no need for a meeting with the project team. We have prepared a memo, attached to this email, with comments for your consideration.

If there are any questions or concerns or clarifications regarding our comments, please feel free to email or call me at 905-615-3200 ext. 8844.

Thanks and regards,

Alice

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: 2018/05/03 1:32 PM
To: Alice Ho; Liz Speller; Ji-Yeon Lee
Cc: Sarris, Larry (MTO); Bishop, Chris; Garron, Gus; Kerslake, Holly; Robb Minnes
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Good Afternoon Alice,

It is unfortunate that MiWay was not directly included in this project correspondence to date, but as Liz provided earlier, many different people/departments from the City of Mississauga were circulated the project information throughout this study, including the Mayor of Mississauga, the Transportation & Infrastructure Planning department and the Commissioner of Transportation & Works department. Before your email yesterday, no City staff had raised the issue that MiWay representatives should be contacted directly, as it was assumed the project information throughout

was sent to the appropriate City staff/departments and representatives who attended meetings and Public Information Centres were accurate.

All of the 407 Transitway EA study background information can be found on the specific project website (www.407transitway.com/hurontarioTo400/[na01.safelinks.protection.outlook.com]). As indicated in all approved and on-going EA studies for the entire 407 Transitway, once implemented, the 407 Transitway will be available to be used by GO Transit and local transit authorities (including MiWay). This information is clearly identified in PIC boards and EPR documents for all sections of the 150km 407 Transitway, from Burlington to Highway 35/115 in Durham Region.

While the 120-day TPAP review period for this assignment from west of Hurontario Street to east of Highway 400 is already underway and the Environmental Project Report (EPR) is in its final stages, the project team would appreciate if MiWay could undertake an expedited review of the EPR and provide comments asap. After that time, a meeting can be arranged with the project team if there are still outstanding comments and/or concerns.

Please find below instructions on how to obtain the EPR documents:

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com][na01.safelinks.protection.outlook.com]

User Name: stakeholder
Password: kH_5*jr

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Alice Ho [mailto:Alice.Ho@mississauga.ca]
Sent: May 3, 2018 10:56 AM
To: Liz Speller; Ji-Yeon Lee
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Bishop, Chris; Garron, Gus; Kerslake, Holly; Robb Minnes
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Good morning Liz,

Thank you for providing the details regarding project correspondence with the City of Mississauga concerning the above noted study.

As MiWay was not included in any of the project correspondence, we would like to request a meeting with your Project Team in order to obtain some background to the study and to discuss any comments/concerns that we may have. If you could please provide a few dates and meeting times that work for your team, I can send out a meeting invite accordingly.

Thank you in advance,

Alice

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: 2018/05/02 12:29 PM
To: Alice Ho; Ji-Yeon Lee
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Bishop, Chris; Garron, Gus; Kerslake, Holly; Robb Minnes
Subject: RE: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Good morning Alice,

Thank you for your email regarding the 407 Transitway study from west of Hurontario Street to east of Highway 400. We have updated the project contact list to include you and Ji-Yeon Lee and you will receive all future correspondence for this project.

Staff at the City of Mississauga (including staff at the City's Transportation and Works Department/MiWay) have been included on the project contact list since project commencement and have been notified of study commencement, the two Public Information Centres held for this project and of the commencement of the TPAP. I have attached a PDF file showing the City of Mississauga contact lists throughout the study – with staff added/removed as requested during the study. The City staff on each list would have received the relevant project correspondence (including a letter at study commencement and a letter/Notice for PIC #1, PIC #2 and TPAP Commencement).

In addition, City of Mississauga staff (including staff at the Transportation and Works Department) were invited to participate in the two Technical Advisory/Resource Group (TRG) meetings held for this project. For the TRG #1 meeting, Matthew Williams, Abdul Shaikh, Stephanie Segreti, Ed Sajecki and Martin Powell were sent an invitation with Abdul Shaikh attending for the City. For the TRG # 2 meeting, Stephanie Segreti, Abdul Shaikh, Matthew Williams and Martin Powell were sent an invitation and both Abdul Shaikh and Matthew Williams from the City participated via teleconference. Please note that we removed Martin Powell before PIC #2 (held in January 2018) as I believe he is no longer at the City.

Please also note that City staff (including Matthew Williams, Stephanie Segreti, Abdul Shaikh and Martin Powell) were notified of the availability of the Draft Environmental Project Report for review/comment via email on December 15, 2017. This email provided details on how to access the Draft Environmental Project Report from the project website (www.407transitway.com[na01.safelinks.protection.outlook.com]).

Please let me know if you have any questions or require further information about this project.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: Alice Ho [mailto:Alice.Ho@mississauga.ca]
Sent: May 2, 2018 9:45 AM

To: DeRose, Graham (MTO); chris.bishop@parsons.com
Cc: Ji-Yeon Lee
Subject: Notice of Commencement of TPAP - 407 Transitway Hurontario to Hwy 400

Good morning Graham and Chris,

This study was brought to our attention through the Notice of Commencement ad placed in the *Mississauga News* on April 26, 2018. Could you please include Ji-Yeon Lee (cc'ed on this email) and myself as contacts for this study. Our mailing address is:

MiWay
Transportation & Works
City of Mississauga
3484 Semenyk Court
Mississauga, ON
L5C 4R1

Could you please also advise if MiWay had been previously contacted with regards to this study, whether the City of Mississauga is a stakeholder for the project and who at the City has been your contact?

Thank you in advance,

Alice

Alice Ho, P.Eng.
Transit Priority Project Lead
Business Development – Service Development
T 905-615-3200 ext.8844
alice.ho@mississauga.ca | miway.ca[na01.safelinks.protection.outlook.com]

City of Mississauga[na01.safelinks.protection.outlook.com] | Transportation & Works Department
Transit Division

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407 TRANSITWAY WEST
CITY OF MISSISSAUGA CONTACT LIST STUDY COMMENCEMENT

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	PostalCode	Phone	Fax
Ms.	Bonnie	Crombie	Mayor	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5555	905-896-5879
Ms.	Carolyn	Parrish	Regional Councillor Ward 5	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5500	905-896-5463
Mr.	Martin	Powell	Commissioner of Transportation and Works	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1		
Mr.	Ed	Sajecki	Commissioner of Planning and Building	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1		
Mr.	Tim	Beckett	Fire Chief	City of Mississauga	15 Fairview Road West, 2nd floor		Mississauga	Ontario	L5B 1K7	905-615-3777	

407 TRANSITWAY WEST
CITY OF MISSISSAUGA EXTERNAL AGENCY CONTACT LIST FOR PIC #1

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Ms.	Bonnie	Crombie	Mayor	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5555	905-896-5879	
Ms.	Carolyn	Parrish	Regional Councillor Ward 5	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5500	905-896-5463	
	Mel	Kayama	Transportation Planning Analyst, Transportation & Infrastructure Planning	City of Mississauga	201 City Centre Drive	Suite 800	Mississauga	Ontario	L5B 2T4	905-615-3200 ext. 5747		
Mr.	Ed	Sajecki	Commissioner of Planning and Building	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		ed.sajecki@mississauga.ca
Mr.	Martin	Powell	Commissioner of Transportation and Works	City of Mississauga, Transportation and Works Department	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		martin.powell@mississauga.ca
Mr.	Matthew	Williams	Planner	City of Mississauga, Transportation and Works Department	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		Matthew.Williams@mississauga.ca
Mr.	Abdul	Shaikh	Manager, Rapid Transit	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 Ext. 3734		Abdul.Shaikh@mississauga.ca

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Ms.	Stephanie	Segreti	City Planner	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 Ext. 5531		stephanie.segreti@mississauga.ca
Mr.	Tim	Beckett	Fire Chief	City of Mississauga	15 Fairview Road West, 2nd floor		Mississauga	Ontario	L5B 1K7	905-615-3777		

407 TRANSITWAY WEST
CITY OF MISSISSAUGA EXTERNAL AGENCY CONTACT LIST FOR PIC 2

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Ms.	Bonnie	Crombie	Mayor	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5555	905-896-5879	
Ms.	Carolyn	Parrish	Regional Councillor Ward 5	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5500	905-896-5463	
	Mel	Kayama	Transportation Planning Analyst, Transportation & Infrastructure Planning	City of Mississauga	201 City Centre Drive	Suite 800	Mississauga	Ontario	L5B 2T4	905-615-3200 ext. 5747		
Mr.	Ed	Sajecki	Commissioner of Planning and Building	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		ed.sajecki@mississauga.ca
Mr.	Matthew	Williams	Planner	City of Mississauga, Transportation and Works Department	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		Matthew.Williams@mississauga.ca
Mr.	Frank	Marzo		City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200, Ext. 5609		
Mr.	Abdul	Shaikh	Manager, Rapid Transit	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 Ext. 3734		Abdul.Shaikh@mississauga.ca
Mr.	Steve	MacRae		City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1			Steve.macrae@mi

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
												ssissauga.ca
Ms.	Stephanie	Segreti	Development Planner, Development and Design Division, Planning and Building Department	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 Ext. 5531		stephanie.segreti@mississauga.ca
Mr.	Tim	Beckett	Fire Chief	City of Mississauga	15 Fairview Road West, 2nd floor		Mississauga	Ontario	L5B 1K7	905-615-3777		

407 TRANSITWAY WEST
CITY OF MISSISSAUGA EXTERNAL AGENCY CONTACT LIST FOR TPAP COMMENCEMENT

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Ms.	Bonnie	Crombie	Mayor	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5555	905-896-5879	
Ms.	Carolyn	Parrish	Regional Councillor Ward 5	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-896-5500	905-896-5463	
	Mel	Kayama	Transportation Planning Analyst, Transportation & Infrastructure Planning	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 ext. 5747		
Mr.	Ed	Sajecki	Commissioner of Planning and Building	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		ed.sajecki@mississauga.ca
Mr.	Matthew	Williams	Planner	City of Mississauga, Transportation and Works Department	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200		Matthew.Williams@mississauga.ca
Mr.	Mark	VanderSluis	Project Leader, Transportation Planning	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200, Ext.4160		mark.vandersluis@mississauga.ca
Mr.	Frank	Marzo		City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200, Ext. 5609		

Title	FirstName	LastName	JobTitle	Company	Address1	Address2	City	Province	Postal Code	Phone	Fax	Email
Mr.	Abdul	Shaikh	Manager, Rapid Transit	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 Ext. 3734		Abdul.Shaikh@mississauga.ca
Mr.	Steve	MacRae		City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1			Steve.macrae@mississauga.ca
Ms.	Stephanie	Segreti	Development Planner, Development and Design Division, Planning and Building Department	City of Mississauga	300 City Centre Drive		Mississauga	Ontario	L5B 3C1	905-615-3200 Ext. 5531		stephanie.segreti@mississauga.ca
Mr.	Tim	Beckett	Fire Chief	City of Mississauga	15 Fairview Road West, 2nd floor		Mississauga	Ontario	L5B 1K7	905-615-3777		

MiWAY

TO: **Graham DeRose**
Project Manager, Route Planning & Transit Initiatives, MTO

CC: **Ji-Yeon Lee, Manager, Service Development, MiWay**
Liz Speller, LGL Limited
Larry Sarris, MTO
Chris Bishop, Parsons
Gus Garron, Parsons
Holly Kerslake, Parsons
Robb Minnes, R.Minnes Consulting

FROM: **Alice Ho**
Transit Priority Project Lead, MiWay

DATE: **May 23, 2018**

SUBJECT: **407 Transitway**
West of Hurontario Street to East of Highway 400
Comments on Draft EPR

General comments for your consideration:

- Any reference to Hurontario-Main LRT should be replaced with Hurontario LRT
- Reference to Mississauga Transit should be replaced with MiWay

Text revisions for your consideration:

No.	Location in Report	Comment
Chapter 2 – Transportation Needs		
1	p. 2-3, MiWay, par. 1, 3rd sentence	Sentence should read: "Route 185 is a peak period rush hour service that runs along Dixie Road from the Bramalea **Terminal in Brampton** ~~GO Station~~ to the newly constructed Dixie Transitway Station."
2	p. 2-3, MiWay, par. 1, last sentence	Sentence should read: "The Mississauga Transitway is a newly constructed BRT corridor that runs **parallel to** ~~along~~ Highway 403 from ~~Erin Mills Parkway~~ **Winston Churchill Boulevard** to ~~Dixie Road~~ **Renforth Drive.**"
3	p. 2-11, Square One bullet, 3rd sentence	Sentence should read: "The ~~Square One Transit Terminal~~ **Mississauga City Centre** is a mobility hub that serves GO Transit **at the**

No.	Location in Report	Comment
		Square One GO Bus Terminal and serves~~,~~ MiWay and Brampton Transit at **MiWay's City Centre Transit Terminal.**"
4	p. 2-12, 2.3.2.1 Network Assumptions, bullet 4	Mississauga 403 Transitway should read Mississauga Transitway
5	p. 2-18, 2.5.2.1 Eleven Station Operation, bullet Hurontario-Main LRT, last sentence	Clarification: "…removal of the GO Bus spine service from Mississauga Square One to Pickering under the assumption that the service is replaced by the LRT (see Section 4.1.3)" – is it replaced by LRT or BRT? Is there a section 4.1.3?
6	p. 2-18, 2.5.2.1 Eleven Station Operation, par. 1, 3 and 4 and p. 2-28, par. 4	Clarification: Par. 1 states that the transitway has a peak point of 6,000 eastbound passengers, Par 3. states that peak ridership is 5,300 and Par 4. notes that the additional demand is 3,300 eastbound riders on top of a base demand of 3,500 (totalling 6,800)? Which one is correct? And p. 2-28 states 5,500 peak passengers per hour?
7	p. 2-19, Table 2.6	Volume numbers are slightly off (4500 + 2300 – 600 = 6200, not 6000 as shown)
8	p. 2-19, Tables 2.6 and 2.7	The total boardings numbers don't match in the two tables. It appears that the numbers in Table 2.6 are rounded to the nearest 100 but it appears everything is rounded down (e.g., 160 -> 100, 980 -> 900, etc.)
9	p. 3-63, 3.3.1., Existing Road Network, Hurontario Street	Hurontario Street is a **major six**-lane arterial road
10	p. 3-63, 3.3.1., Existing Road Network, Dixie Road	Dixie Road is a major **six**-lane **Regional** road
11	p. 3-63, 3.3.1., Existing Road Network, Airport Road	Airport Road is a major six-lane north south **Regional** road
12	p. 3-65, 3.3.4., Mississauga Transit (MiWay), 1st sentence	Change first sentence to read: MiWay ~~**Transit**~~ **is the third largest municipal transit service provider in Ontario with over 85 bus routes offering both** ~~**operates**~~ local and express services, MiLocal and MiExpress, ~~**services**~~ throughout Mississauga.
13	p. 3-65, 3.3.4., Mississauga Transit (MiWay), 2nd sentence	Replace sentence with: MiWay also provides BRT service on the Mississauga Transitway which runs, for the most part, parallel to Highway 403 and extends from Winston Churchill Boulevard in the west to Renforth Drive in the east.
14	p. 3-65, 3.3.4., Mississauga Transit (MiWay), 3rd sentence	Change sentence to read: MiWay's routes ~~**services**~~ connect with GO Transit, TTC,

No.	Location in Report	Comment
		Brampton **Transit** and Oakville Transit.
15	p. 3-65, 3.3.4., Mississauga Transit (MiWay), 4th sentence	Change sentence to read: Some of MiWay's ~~services~~ routes are near or intersect at the Highway 407 ETR Corridor.
16	p.3-65, Table 3.11: Existing MiWay Service	Please make the following changes: #61A Mavis ~~Sherdian~~ **Sheridan** (typo) 66 ~~McLaughlan~~ **McLaughlin** (typo) Port Credit GO ~~Transit~~ **Station** Dixie ~~Rd~~ **Transitway Station** ~~Lisgar GO Station~~ **Meadowvale Town Centre**
17	p.4-12, Table 4.2A, Option B, Socio-Economic Environment: Private Property Impacts	Though not private, should there be a reference to impacts on the existing MTO Hurontario-407 Park & Ride?
18	p. 5-16, Location and Transportation Function, 2nd sentence	Sentence should read: "The station will serve as a key transit hub providing connectivity to the Hurontario Light Rail Transit (HuLRT), **local transit (i.e., Brampton Transit and MiWay)** as well as serving employment and residential populations located within walking distance of the station.
19	p.5-16, Table 5.2, Bus Bays Required	MiWay will require, at a minimum, 2 bus bays to accommodate 40ft buses and 1 bus bay to accommodate a 60ft bus.
20	p.5-16, Vehicular and Active Transportation Accessibility from Local Road Network	For some of the other stations, references were made to existing transit stops. While HuLRT will be one the key connections, there will still be existing local transit – should reference to stop availability also be noted in this section?
21	p.5-17, Location and Transportation Function, 3rd sentence	Change sentence to read: It will also provide connectivity to Brampton **Transit** and **MiWay** ~~Mississauga transit~~ services along Dixie Road.
22	p.5-17, Table 5.3, Bus Bays Required	MiWay will require, at a minimum, 2 bus bays to accommodate 40ft buses and 1 bus bay to accommodate a 60ft bus.
23	p. 5-18, Location and Transportation Function, 3rd sentence	Change sentence to read: It will also provide connectivity to Brampton **Transit** and **MiWay services** ~~Mississauga transit~~ along Steeles Avenue…
24	p.5-18, Table 5.4, Bus Bays Required	MiWay will require, at a minimum, 2 bus bays to accommodate 40ft buses and 1 bus bay to accommodate a 60ft bus.
25	p.5-18, Vehicular and Active	See comment #20: Reference to existing

No.	Location in Report	Comment
	Transportation Accessibility from Local Road Network	and/or proposed local transit stops?
26	p.5-19, Location and Transportation Function, 3rd sentence	Change sentence to read: It will also provide connectivity to Brampton **Transit** and **MiWay services** ~~Mississauga transit~~ along Steeles Avenue and Goreway Drive, as well as provide walk-in and cycling opportunities~~y~~ to local businesses.
27	p.5-19, Table 5.5, Bus Bays Required	MiWay will require, at a minimum, 1 bus bay to accommodate a 40ft bus and 2 bus bays to accommodate two 60ft buses.
28	p. 5-19, Vehicular and Active Transportation Accessibility from Local Road Network	See comment #20: Reference to existing and/or proposed local transit stops?

Station design (Plates S-1A to S-4B) comments for your consideration:

General:

- In Section 5.2.3. Station Layouts, the section "Type of Facilities and Services" for each station description (Hurontario Street Station, Dixie Road Station, Airport Road Station and Goreway Drive Station) should be updated to include "operator facilities with 24-hour availability in close proximity to the bus bays" as an additional amenity.

Hurontario Street Station (Plates S-1A and S-1B):

- Plate S-1A: Based on the preliminary design plan for the Highway 407 stop for the Hurontario LRT, the station should have a length that extends from Topflight Drive to the intersection north of Topflight Drive (Edwards Boulevard extension?), that is, to the signalized crosswalk. Could the plate be revised to reflect this? Please see attached preliminary design drawing. Potentially consider overlaying the HuLRT stop.
- Plate S-1A: Pedestrian access to the transitway station is provided from the HuLRT via a signalized crosswalk at the north end of the HuLRT station. Please also identify pedestrian linkages between the existing sidewalk network and the on-street bus stop on the northwest corner of Hurontario Street and Vicksburgh Drive to the bus bays and from the bus bays to the transitway station.
- Plate S-1A: Ticket booths are offered on both sides of the station at Dixie Road Station, why is there no ticket area for the Hurontario Street Station on the south side of the station as the bus loop and passenger pick-up drop-off are both on the south side?

Dixie Road Station (Plates S-2A and S-2B):

- Plate S-2A: What was the rationale in placing the ticket area and stairs/elevators to the east end of the transitway station. From a pedestrian linkage perspective, it would be preferred if the stairs/elevators and ticket area were placed at the west end of the station because it is closer to Dixie Road.

Airport Road Station (Plates S-3A and S-3B):

- Plate S-3A: What was the rationale in placing the ticket area and stairs/elevators to the west end of the transitway station. From a pedestrian linkage perspective, it would be preferred if the stairs/elevators and ticket area were placed at the east end of the station because it is closer to Airport Road.
- Plate S-3A: Was consideration given to place the proposed bus stop (southbound stop at the right turn lane into the parking area) closer to the shared-use path adjacent to the bus loop? From a pedestrian perspective, this location provides better connectivity.
- Plate S-3A: Would we consider a proposed near-side bus stop along Steeles Avenue West at the new signalized intersection?

Goreway Drive Station (Plates S-4A and S-4B):

- Plate S-4A: What was the rationale in placing the ticket area and stairs/elevators to the west end of the transitway station. From a pedestrian linkage perspective, it would be preferred if the stairs/elevators and ticket area were placed at the east end of the station because it is closer to Goreway Drive.
- Plate S-4A: Was the rationale for the curved shared path from the proposed bus stop a result of existing grade differences along Goreway Drive and the bus loop/station area?

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

June 1st, 2018

Alice Ho
Transit Priority Project Lead
MiWay

Subject: RE: 407 Transitway West of Hurontario to East of Highway 400 Comments on Draft EPR

Dear Ms. Ho,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to MiWay's comments which were received on May 23rd, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS

Ministry of Transportation
Central Region Environmental Section
159 Sir William Hearst Avenue
3rd Floor
Toronto ON M3M 0B7
Tel (416) 235-6701
Fax (416) 235-4940

Ministère des Transports
Région du Centre de l'environnement
159, avenue Sir William Hearst
3e étage
Toronto ON M3M 0B7
Tél. : 416 235-5485
Téléc. : 416 235-4940

Ontario

October 15, 2015

Ms. Kathleen Hedley
Director, Environmental Approvals Branch
Ministry of Environment and Climate Change
1st Floor
135 St. Clair Avenue West
Toronto, ON
M4V 1P5

Dear Ms. Hedley:

RE:Request for List of Bodies That May Assist in Identifying Aboriginal Communities for:
407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan

The Ontario Ministry of Transportation (MTO) is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

Parsons is managing the study on behalf of MTO. LGL Limited will be providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which include Planning and Preliminary Design for the 407

Transitway. One Public Information Centre (PIC) will be held prior to the commencement of the TPAP and a second PIC will be held during the formal initiation of the TPAP for this study. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning and Preliminary Design and will be released for public review and comment. You will receive notification of the PICs, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the EPR). The "Notices of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers.

Considering the scope of work for this study, it has been determined by the study team that archaeological investigations will be required in the vicinity of the corridor. In accordance with subsection 7(4) of Ontario Regulation 231/08, the Ministry of Transportation is requesting the list of bodies that may assist us in identifying and contacting Aboriginal communities that may be interested in the above noted transit project. The Ministry of Transportation will contact those bodies you identify and ask that these bodies identify specific Aboriginal communities that should be consulted.

Should you require further information regarding this study or should you prefer to meet with Ministry staff, please feel free to contact me.

Yours sincerely,

Larry Sarris, MCIP, RPP
Environmental Planner
Central Region Environmental Section
Ministry of Transportation

c.c. Graham DeRose, MTO Project Manager
Khaled El-Dalati, Parsons
George Ivanoff, LGL Limited

Attach

KEY PLAN OF THE STUDY AREA

LGL LIMITED
environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Phone: (905) 833-1244
Fax: (905) 833-1255
kingcity@lgl.com

TELEPHONE CONVERSATION RECORD

Project Name: 407 Transitway Hurontario to 400	**Project Number:** TA8558
Date and Time: First call to LGL: Friday November 6, 2015 at 1:43 p.m. Returned call Monday November 9, 2015 and left message. Called again spoke on Tuesday November 10, 2015 about 2:00 p.m.	**LGL Staff:** George Ivanoff
Respondent's Name: Gavin Battarino	
Respondent's Phone Number: 416-314-7106	
Respondent's Address: Environmental Approvals Branch, MOECC	
Information Received: He will be our MOECC representative and wants to be on the list for all future mailings related to this project. He was concerned about possible confusion from the initial contact letter as it stated that it was a Notice of Study Commencement, and he did not think we meant commencement of the TPAP process.	
Information Provided: I provided him verbally an expected time for a first pre-planning PIC this winter, and that we anticipate triggering TPAP late next year.	
Follow-up Required: Add his name to our contact list and contact him with any questions regarding the TPAP process.	

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: Tuesday, January 26, 2016 8:25 AM
To: Liz Speller
Subject: FW: V-mail of Today

From: Wilkinson, Bonnie (MOECC)
Sent: January-08-16 3:25 PM
To: Sarris, Larry (MTO)
Cc: Wilkinson, Bonnie (MOECC)
Subject: RE: V-mail of Today

Hi Larry –

For the 407 Transitway Component: W of Hurontario to E of Hwy 400, our aboriginal advisor suggests consultation with the following communities:

Mississaugas of the New Credit
Mississaugas of Scugog Island
Alderville
Curve Lake
Hiawatha
Kawartha Nishnawbe
Huron Wendat – archaeology only
Metis Nation of Ontario - on an interested persons basis
Six Nations of the Grand River
Haudenosaunee Confederacy Chiefs Council (Haudenosaunee Development Institute)

Bonnie Wilkinson | Special Project Officer | Environmental Assessment Services | Environmental Approvals Branch | Ministry of the Environment and Climate Change | 135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | Phone: 416-314-8433 | Fax: 416-314-8452 | Email: bonnie.wilkinson@ontario.ca

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From: Sarris, Larry (MTO)
Sent: December 17, 2015 3:38 PM
To: Wilkinson, Bonnie (MOECC)
Subject: RE: V-mail of Today

Thanks Bonnie. Let me know if you have any comments on adding additional First Nations to our list.

We will provide additional project information when it becomes available. In the meantime, I will have our consultants add your name to our study mailing list.

Regards,

Larry Sarris, MCIP, RPP | Environmental Planner
Central Region Environmental Section | Ontario Ministry of Transportation

telephone 416.235.6701 | fax 416.235.3446 | e-mail larry.sarris@ontario.ca

From: Wilkinson, Bonnie (MOECC)
Sent: December-17-15 3:33 PM
To: Sarris, Larry (MTO)
Subject: RE: V-mail of Today

Hi Larry,

Thank you for your email. In response to your question re: MOECC project lead – I will be the lead for the next couple of months and then it will be transitioned to a new lead. We will be sure to keep you in the loop. Since I am the lead at this time, please let me know if there is any further project information that is available.

Thank you,

Bonnie Wilkinson | Special Project Officer | Environmental Assessment Services | Environmental Approvals Branch | Ministry of the Environment and Climate Change | 135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | Phone: 416-314-8433 | Fax: 416-314-8452 | Email: bonnie.wilkinson@ontario.ca

From: Sarris, Larry (MTO)
Sent: December 17, 2015 12:19 PM
To: Wilkinson, Bonnie (MOECC)
Cc: Seibert, Jeffrey David (MTO)
Subject: RE: V-mail of Today

Hello Bonnie,

Thank you for your VM and follow up email. Attached (excel file) is what we have identified for a First Nations contact list. This contact list was derived using the MAA Aboriginal Consultation Information System (ACIS). We typically do these types of searches for MTO projects but because this project is under TPAP and there is a requirement to contact MOECC for a list of contacts, a letter was sent to the MOECC. I am also the planner on the current Highway 407 Transitway from Kennedy to Brock and a similar letter was sent to the MOECC. Attached (word file) is the response I received from the MOECC back in 2014.

Can I assume that you will be the project lead from the MOECC moving forward? I believe Gavin Battarino, Special Project Officer, is our project lead for the ongoing study from Kennedy to Brock.

Should you have any further questions, please let us know. I have also CC'd the MTO Regional Archaeologist in case you had any specific questions on the contact list.

Thanks,

Larry Sarris, MCIP, RPP | Environmental Planner
Central Region Environmental Section | Ontario Ministry of Transportation
telephone 416.235.6701 | fax 416.235.3446 | e-mail larry.sarris@ontario.ca

From: Wilkinson, Bonnie (MOECC)
Sent: December-16-15 4:08 PM
To: Sarris, Larry (MTO)
Subject: V-mail of Today

Hi Larry,

Further to my voicemail earlier today regarding the aboriginal communities list, I thought I would email you with my contact information/email address.

I look forward to hearing from you.

Bonnie Wilkinson | Special Project Officer | Environmental Assessment Services | Environmental Approvals Branch | Ministry of the Environment and Climate Change | 135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | Phone: 416-314-8433 | Fax: 416-314-8452 | Email: bonnie.wilkinson@ontario.ca

Please consider the environment before printing this email.

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Liz Speller

From: Wilkinson, Bonnie (MOECC) <Bonnie.Wilkinson@ontario.ca>
Sent: Monday, December 21, 2015 3:10 PM
To: Liz Speller
Cc: Wilkinson, Bonnie (MOECC)
Subject: RE: NoC for 407 Transitway W of Hurontario to E of Hwy 400

Hi Elizabeth –

Thanks for the information. We did receive the initial contact letter. I have been in contact with MTO regarding the aboriginal communities list. Do you have a rough idea when the Notice of Commencement / official start of the TPAP may be issued? Also, is there any intent on providing the MOECC with a copy of the draft EPR for review and comment?

Bonnie Wilkinson | Special Project Officer | Environmental Assessment Services | Environmental Approvals Branch | Ministry of the Environment and Climate Change | 135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | Phone: 416-314-8433 | Fax: 416-314-8452 | Email: bonnie.wilkinson@ontario.ca

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: December 17, 2015 7:44 PM
To: Wilkinson, Bonnie (MOECC)
Cc: George Ivanoff; Amy Munn; Gus Garron
Subject: FW: NoC for 407 Transitway W of Hurontario to E of Hwy 400

Hi Bonnie,

I am working with George on the 407 Transitway West project. As requested, please find attached a copy of the initial contact letter sent to the MOECC EAB Director by MTO. I have also attached an updated key plan.

Regards,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Wilkinson, Bonnie (MOECC) [mailto:Bonnie.Wilkinson@ontario.ca]
Sent: December-17-15 3:47 PM
To: George Ivanoff <givanoff@lgl.ca>
Subject: NoC for 407 Transitway W of Hurontario to E of Hwy 400

Hi George,

I understand LGL Ltd is the consultant for MTO regarding its 407 Transitway W of Hurontario to E of Hwy 400 planning project. I have informed MTO that I will be the MOECC project lead for this project over the next couple of months. Can you please forward me a copy of the NoC letter that was addressed to the MOECC EAB Director? I have a copy of the Notice that was addressed to the MOECC Regional Director.

Thank you,

Bonnie Wilkinson | Special Project Officer | Environmental Assessment Services | Environmental Approvals Branch | Ministry of the Environment and Climate Change | 135 St. Clair Ave. W., 1st Floor, Toronto, ON M4V 1P5 | Phone: 416-314-8433 | Fax: 416-314-8452 | Email: bonnie.wilkinson@ontario.ca

Liz Speller

From: George Ivanoff
Sent: Wednesday, January 20, 2016 11:19 AM
To: Bonnie.Wilkinson@ontario.ca
Cc: Liz Speller; 'Amy Munn'; 'Gus Garron'; Sarris, Larry (MTO); DeRose, Graham (MTO); Adrian.Firmani@ontario.ca
Subject: 407 Transitway Hurontario to Hwy 400

Hi Bonnie,

The Parsons team is currently working on existing conditions, and on the identification and assessment of the planning alternatives. Once the preferred alternative has been selected, the first round of consultation with stakeholders and the public will take place followed by the environmental field investigations and preliminary design. Our current plan is to trigger the TPAP process in the first semester of 2017. The study team's intention is to provide MOECC with the draft EPR for review/comment when available prior to triggering the TPAP process.

Sincerely,

George Ivanoff, BSc, M.L.A.
Senior Environmental Planner
LGL Limited environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario L7B 1A6
905-833-1244 Email: givanoff@lgl.com

Liz Speller

From:	Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Sent:	Wednesday, October 19, 2016 8:57 AM
To:	Dagssie, Yves (MOECC)
Cc:	DeRose, Graham (MTO)
Subject:	RE: Request For Update - MTO 407 Transitway Project - W of Hurontario St to E of Hwy 400
Attachments:	Final Notice of Study Commencement 407 Transitway West.docx
Follow Up Flag:	Follow up
Flag Status:	Flagged

Good Morning Yves,

Thanks for your email and nice to virtually meet you. The 407 TW project from Hurontario to Hwy 400 is still in the pre-TPAP planning phase. As of now, we have notified agencies/indigenous communities of the commencement of the study through direct mail/introductory meetings. A notice of study commencement is attached for your reference. We are also planning to hold a technical resource group meeting within the next couple of months and hold two (2) PICs in early December.

The formal TPAP Notice of Commencement (120-day consultation period) is currently scheduled summer/fall of 2017, prior to initiating the TPAP process, we would be submitting the EPR to MOECC as well as agencies/indigenous community for review. We are aware of the MOECC's turnaround timelines for comments so the draft reports would be sent well in advance of the formal commencement.

Are you going to be the Special Project Officer for this assignment? If so, please let me know and we will add you to the project mailing list and ensure you are the main point of contact from the MOECC.

I am actually going on paternity leave starting next Friday October 28 returning March 27, 2017 to look after twin girls (wish me luck…). I am CC'ing the MTO Project Manager, Graham Derose, in case you have any following up questions during this time.

Regards,

Larry Sarris, MCIP, RPP | Environmental Planner
Central Region Environmental Section | Ontario Ministry of Transportation
telephone 416.235.6701 | fax 416.235.3446 | e-mail larry.sarris@ontario.ca

---

From: Dagssie, Yves (MOECC)
Sent: October-18-16 1:44 PM
To: Sarris, Larry (MTO)
Subject: Request For Update - MTO 407 Transitway Project - W of Hurontario St to E of Hwy 400

Hello Larry,

Hope this email gets to you well.

I was wondering if you could please provide me with a status update on the MTO 407 Transitway project . When and if the Ministry of Transportation intends on submitting a draft ESR for review
and If as well there is any update on when we could expect a Notice of Commencement.

Regards.

Yves Dagssie, PMP

Yves Dagssie | Special Project Officer
Environmental Assessment Services | Environmental Approvals Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7272 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Wednesday, December 14, 2016 9:50 AM
To: Dagssie, Yves (MOECC)
Cc: Merriam, Sarah (MTO); Liz Speller; Garron, Gus; Kerslake, Holly
Subject:RE: 407 Transitway Hurontario Street to Highway 400

Good Morning Yves,

Thank you for the email and the detailed explanation of MOECC requirements. The 407 Transitway project team (west of Hurontario to east of Highway 400) will discuss our schedule and notify you early in 2017. At that time we will submit a formal request to have the draft EPR reviewed and possibly set-up a meeting to discuss the project.

If you have any questions regarding the project (at any time), please do not hesitate to contact me.

Happy Holidays!

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Dagssie, Yves (MOECC)
Sent: December 13, 2016 1:08 PM
To: DeRose, Graham (MTO)
Cc: Merriam, Sarah (MTO); Liz Speller; Garron, Gus; Kerslake, Holly
Subject: RE: 407 Transitway Hurontario Street to Highway 400

Mr. Graham,

Was nice meeting with you at the Brampton Public Information Centre. My understanding from our conversation and from the attached e-mail (conversation with Larry) is that prior to formally initiating the Transit Project Assessment Process the Ministry of Transportation (MTO) would be circulating a draft Environmental Project Report (EPR) for review and comment. I would like to take this opportunity to acknowledge that, the Ministry of the Environment and Climate Change is interested in participating in the review of the draft Environmental Project Report (EPR), and that we are committed to working with the Ministry of Transportation to facilitate a timely review of the draft EPR to determine whether or not the draft documentation meets the requirements and expectations set forth in the Ministry's Guide: Ontario's Transit Project Assessment Process and the requirements set forth in Ontario Regulation 231/08, Transit Projects and Greater Toronto Transportation Authority Undertakings.

I would also like to extend an invitation to MTO to participate in a discussion with Ministry of the Environment and Climate Change staff about the submission of a draft Environmental Project Report, the time required for the Ministry's review and the purpose of the Ministry's review of the draft documentation.

Please note that, for proponents that wish to submit a draft Environmental Project Report to the Ministry of the Environment and Climate Change for review and comment, it is recommended that the proponent submit a formal request to the Ministry asking that a review of the draft be carried out, and clearly indicate when the proponent anticipates submitting the draft. It is the Ministry's expectation that a minimum of three (3) weeks advance notice be given prior to the submission of a draft document, so that Ministry staff can allocate the time and resources needed to carry out the review. Please be advised that in order to ensure that the Ministry has an adequate amount of time to review the draft Environmental Project Report, it is the Ministry's expectation that a minimum of five (5) weeks be provided for the completion of the review.

Please feel free to contact me if you have any question or concern.

Thank you
Yves Dagssie, PMP | Special Project Officer
Environmental Assessment Services | Environmental Approvals Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca
Please consider the environment before printing this email.

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: December-07-16 1:06 PM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Merriam, Sarah (MTO); Garron, Gus; Kerslake, Holly; Liz Speller
Subject: 407 Transitway Hurontario Street to Highway 400

Good afternoon Mr. Dagssie,

Thank you for attending the Public Information Centre yesterday in Brampton for the 407 Transitway project. As discussed, please see below for the link to the project website and the panels/information presented at the Public Information Centre.
http://www.407transitway.com/hurontarioTo400/consultation.html

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

Liz Speller

From: Garron, Gus
Sent: Friday, June 2, 2017 9:44 AM
To: Kerslake, Holly
Subject: FW: MTO 407 Transitway EA Assignments

Sorry, missed you

From: Garron, Gus
Sent: Friday, June 02, 2017 9:42 AM
To: 'yves.dagssie@ontario.ca' <yves.dagssie@ontario.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; 'Sowel Kang' <skang@lgl.ca>; r.minnesconsulting@gmail.com; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>
Subject: MTO 407 Transitway EA Assignments

Hello Yves,

Further to your discussions with Larry Sarris, MTO is undertaking the Environmental Assessments and Preliminary Design of two sections of the 407 Transitway; the west of Hurontario Street to east of Highway 400 Segment and the west of Brant Street to west of Winston Churchill Boulevard Segment. Both EA's are being conducted under the TPAP Regulation. Parsons is the lead consultant on both assignments, supported by IBI, LGL, Golder and several Environmental Specialist consultants.

For the Hurontario to Highway 400 assignment, we are currently working on the last stages of the alternative evaluations and selection of the preferred options, as well as undertaking the environmental field investigations and conducting the traffic impact analysis. The Notice of Commencement of the TPAP (triggering the 120-day consultation period) is planned for early 2018.

For the Brant to Winston Churchill assignment, the project was initiated in April 2017. We are currently introducing the project to all stakeholders (including Aboriginal Communities). The Notice of Commencement of the TPAP (triggering the 120-day consultation period) is planned for early 2019.

The project team would like to meet with you in the near future to brief you on the projects, findings, issues and opportunities, schedules, review time, etc., as well as brief you on the lessons learned in the recent 407 Transitway TPAP from east of Kennedy Road to east of Brock Road (statement of completion issued March 1, 2017). The project team will appreciate having the opportunity to discuss approach and procedures that will help our team and MOECC to optimize timing during the pre-TPAP and TPAP stages of both 407 Transitway assignments.

If you are in agreement with this approach, could you please provide your availability to meet at MOECC offices for the following dates:

- Tuesday June 13: 9-12PM
- Thursday June 15: 9-12PM
- Tuesday June 27: 9-12PM

Please feel free to give me a call if you have any further questions or concerns.

Regards,

Gus

Gus M. Garron
Technical Manager
PARSONS
T: 905.943.0544
http://www.parsons.com

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: Tuesday, July 4, 2017 6:34 PM
To: Dagssie, Yves (MOECC); shannon.rogers2@ontario.ca
Cc: Garron, Gus; r.minnesconsulting@gmail.com; DeRose, Graham (MTO); Liz Speller; Sowel Kang; Sarris, Larry (MTO); Firmani, Adrian (MTO)
Subject: RE: MTO 407 Transitway EA Assignments
Attachments: 2017.06.27 - MOECC Meeting 1 - Meeting Minutes.pdf

Hi Everyone,

Please see attached the meeting minutes from last Tuesday's meeting. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Friday, June 02, 2017 2:48 PM
To: DeRose, Graham (MTO); Dagssie, Yves (MOECC); Sarris, Larry (MTO); Firmani, Adrian (MTO); Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller; Sowel Kang
Subject: MTO 407 Transitway EA Assignments
When: Tuesday, June 27, 2017 10:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: MOECC - 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5

Agenda:

- Project updates including findings, issues and opportunities and schedule.
- MOECC expectations (Level of details, Transparency, Consultation... etc.), TPAP Timelines and procedures (pre-TPAP and TPAP stages)
- Lessons learned from past projects (407 Transitway TPAP from east of Kennedy Road to east of Brock Road)

Project Name	Proponent	Region	Updates
MTO 407 Transitway: W of Hurontario St to E of Hwy 400	Ministry of Transportation (MTO)	Central	June 2, 2017 ==>MTO is currently working on the last stages of the alternative evaluations and selection of the preferred options, as well as undertaking the environmental field investigations and conducting the traffic impact analysis. The Notice of Commencement of the TPAP anticipated in early 2018.

MTO Highway 407 Transitway – W of Brant St to W of Winston Churchill Blvd	Ministry of Transportation (MTO)	Central	June 2, 2017 ==> A notice of study commencement introducing the project to all stakeholders was issued on May 25, 2017 . Aboriginal Contact List has been Provided to MTO on May 29, 2017. A Notice of Commencement of the TPAP is anticipated in early 2019.

Liz Speller

From: Liz Speller
Sent: Monday, August 28, 2017 9:09 AM
To: 'Dagssie, Yves (MOECC)'
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; r.minnesconsulting@gmail.com; Kerslake, Holly; Hacatoglu, Kevork (MTO)
Subject: RE: 407 Transitway from Hurontario Street to Highway 400 - Air Quality Impact Assessment Scope of Work

Thank you Yves. We will submit the Air Quality Impact Assessment Report to you for review once it is available.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Monday, August 28, 2017 9:02 AM
To: Liz Speller <lspeller@lgl.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Kerslake, Holly <Holly.Kerslake@parsons.com>; Hacatoglu, Kevork (MTO) <Kevork.Hacatoglu@ontario.ca>
Subject: RE: 407 Transitway from Hurontario Street to Highway 400 - Air Quality Impact Assessment Scope of Work

Greeting:

MOECC Technical Team have reviewed the proposed Scope of Work for the Air Quality Assessment for the 407 Transitway from Hurontario Street to Highway 400 and do not have any comments . The proposal seem to follow MOECC guidelines. However we will still need to review the actual Air Quality Assessment when it becomes available as it should have more details regarding the potential impacts on air quality.

Please let me know if you have any question.

Thanks

Yves Dagssie, PMP | Special Project Officer
Environmental Assessment Services | Environmental Approvals Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: Dagssie, Yves (MOECC)
Sent: August-24-17 1:11 PM
To: 'Liz Speller'
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; r.minnesconsulting@gmail.com; Kerslake, Holly; Hacatoglu, Kevork (MTO)
Subject: RE: 407 Transitway from Hurontario Street to Highway 400 - Air Quality Impact Assessment Scope of Work

Thank you _ It has been sent to our Air analyst team for review/comment. Would get back to you with their comments once completed. Thank you

Yves Dagssie, PMP | Special Project Officer
Environmental Assessment Services | Environmental Approvals Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: August-23-17 12:58 PM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; r.minnesconsulting@gmail.com; Kerslake, Holly; Liz Speller; Hacatoglu, Kevork (MTO)
Subject: 407 Transitway from Hurontario Street to Highway 400 - Air Quality Impact Assessment Scope of Work

Good morning Yves,

Please find attached for MOECC review/approval the scope of work for the air quality impact assessment for the 407 Transitway (from west of Hurontario Street to east of Highway 400). If MOECC could provide any comments as soon as possible it would be greatly appreciated so we can proceed with the air quality impact assessment.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Liz Speller
To: Liz Speller
Subject: FW: 407 Transitway, from west of Hurontario St. to east of Highway 400 - TPAP Schedule
Date: November-21-17 11:05:48 AM

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Wednesday, November 08, 2017 12:01 PM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>
Subject: RE: 407 Transitway, from west of Hurontario St. to east of Highway 400 - TPAP Schedule

Mr. Graham:

Noted. Thank you for the heads-up.

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services | Environmental Approvals Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: DeRose, Graham (MTO)
Sent: November-08-17 9:46 AM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO); Garron, Gus; Robb Minnes
Subject: 407 Transitway, from west of Hurontario St. to east of Highway 400 - TPAP Schedule
Importance: High

Good Morning Mr. Dagssie,

Further to our meeting at your office on June 27, 2017 where we discussed 407 Transitway Study limits for the West Section (TW3): West of Hurontario Street to east of Highway 400, the project team has updated the upcoming schedule (see below).

As per your request at the meeting, we are notifying MOECC approximately one (1) month in advance of the project team submitting draft reports, including the Environmental Project Report (EPR) plus required specialist reports. As noted below, we plan on sending these to MOECC around December 15, 2017, after TRG Meeting # 2. Thus, we would appreciate if you can provide a heads up to all of your specialists. Specialist reports will include Noise, Air Quality, Waste, Groundwater, and a Stormwater Report.

Key Milestone	TW 3
PRE–TPAP Stage	
TRG 2 (meeting with regulatory agencies; separate meeting invites have already been sent)	December 8, 2017
Draft EPR Uploaded on Web: Separate letters will be sent to requested agencies/Indigenous Nations requesting review of the DRAFT EPR within a specific timeline.	Week of December 10, 2017
PIC # 2: Separate invitations will be sent to agencies/members of public within 30 m in advance of PIC.	January, 2018
Requested Date for Comments from Agencies (PICs).	January 31, 2018
TPAP Period	
TPAP Notice of Commencement (separate notification letters will be provided)	February 6, 2018
TPAP Notice of Completion (separate notification letters will be provided) (120 days)	Ends on June 5, 2018
Public Review Period (30 days)	Ends on July 5, 2018
Minister's Approval (35 days)	Ends on August 9, 2018

Kindly, please acknowledge receipt of this email. The project team looks forward to seeing you again at the upcoming Technical Resource Group (TRG) meeting on December 8th.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From:	DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent:	February-12-18 3:08 PM
To:	Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller
Cc:	Sarris, Larry (MTO)
Subject:	FW: 407 Transitway (Hurontario to Highway 400) - Draft EPR - Noise and Vibration
Attachments:	Noise Review Letter, January 12, 2018.pdf

FYI

MOECC's Noise comments attached.

Graham DeRose
416 - 235 - 5255

From: Dagssie, Yves (MOECC)
Sent: February 12, 2018 3:06 PM
To: DeRose, Graham (MTO)
Cc: Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR - Noise and Vibration

Perfect!

Please also find attached our comments from a Noise and Vibration impacts perspective.

Thank you

Yves Dagssie, PMP ® | Special Project Officer
Environmental Assessment Services Section |Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: DeRose, Graham (MTO)
Sent: February-12-18 3:00 PM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Thank you Yves, these comments have been passed along to the project consultants for review.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Dagssie, Yves (MOECC)
Sent: February 12, 2018 2:58 PM
To: DeRose, Graham (MTO)
Cc: Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Graham,

Please find attached the ministry's **Air Quality Comments** for the 407 Transitway (Hurontario to Highway 400) project.

Please let me know if you have any questions or concerns.

Thank you

Yves Dagssie, PMP ® | Special Project Officer
Environmental Assessment Services Section |Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: DeRose, Graham (MTO)
Sent: February-06-18 11:45 AM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

No problem Yves, thanks for the quick response. Please let us know next week when convenient.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Dagssie, Yves (MOECC)
Sent: February 6, 2018 11:42 AM

To: DeRose, Graham (MTO)
Cc: Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Morning Graham,

I will be able to confirm it to you by next week Tuesday as the office building has been closed since Monday, yesterday due to a flood event. I currently only have access to my web-mail.

Sorry for the inconvenience.

Thank you

Yves Dagssie

From: DeRose, Graham (MTO)
Sent: February 6, 2018 11:27 AM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO)
Subject: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Good Morning Yves,

I wanted to reach out to ensure MOECC staff have all the necessary documents for review of the Draft EPR, for the on-going 407 Transitway assignment, from west of Hurontario Street to east of Highway 400. Can you please confirm MOECC staff were able to obtain all the necessary reports to complete the initial review?

Can our 407 Transitway project team still expect MOECC comments by February 28, as you've indicated in your January 22nd email below?

If you have any questions, please contact myself and/or Larry at MTO.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January 30, 2018 11:37 AM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Liz Speller; r.minnesconsulting@gmail.com; Leung, Winnie
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Hello Yves,

Please see attached the **Draft EPR Air Quality Report (Appendix J)** for the 407 Transitway (Hurontario to Highway 400) project. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Monday, January 22, 2018 2:55 PM
To: 'Dagssie, Yves (MOECC)' <Yves.Dagssie@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Hello Yves,

We have discussed with MTO and the schedule you have proposed below is acceptable. Also to add, the original TPAP Notice of Commencement date of February 6th is no longer accurate with the revised date unknown at this point.

You should have received a separate automated email with instructions on how to download the Draft EPR document off the Parsons ShareFile site – please let me know if you have any issues.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Monday, January 22, 2018 1:38 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Holly and Garron:

As discussed during our phone conversation today, due to incompleteness and /or inaccessibility of the draft EPR documentation (Storm Water Management and Air Quality reports etc.), MOECC staff will require additional time to complete its review of the draft EPR.
Please see below for the proposed new dates (Subject to change - Considering all other appendices are provided by the end of the week).

Note that all identified concerns must be addressed prior to issuing a notice of commencement for the TPAP.

Please let me know if you have any questions or concerns.

Thank you

Key Milestone	TW 3	Proposed Dates

PRE–TPAP Stage – Draft Review		
TRG 2 (meeting with regulatory agencies; separate meeting invites have already been sent)	December 8, 2017	Completed
Draft EPR Uploaded on Web: Separate letters will be sent to requested agencies/Indigenous Nations requesting review of the DRAFT EPR within a specific timeline.	Week of December 10, 2017	Completed
PIC # 2: Separate invitations will be sent to agencies/members of public within 30 m in advance of PIC.	January, 2018	Completed
Requested Date for Comments from Agencies (PICs).	~~January 31, 2018~~	February 28, 2018
TPAP Period		
TPAP Notice of Commencement (separate notification letters will be provided)	~~February 6, 2018~~	TBD
TPAP Notice of Completion (separate notification letters will be provided) (120 days)	~~Ends on June 5, 2018~~	TBD
Public Review Period (30 days)	~~Ends on July 5, 2018~~	TBD
Minister's Approval (35 days)	~~Ends on August 9, 2018~~	TBD

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services Section | Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-15-17 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Grace, Patrick (IO); malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Kelly, Rita (IO); Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Abraham, Ernest (IO); Challice, Adam (MNRF); Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Martins, Frank (MTO); Gonzalez, Alejandra (MMA/MHO); Strong, Steven (MNRF); Keen, Ben (MNRF); Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 26~~-24~~th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs).** Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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Ministry of the Environment and Climate Change

Environmental Assessment and Permissions Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax: 416 314-8452

Ministère de l'Environnement et de l'Action en matière de changement climatique

Direction de l'évaluation environnementale et des autorisations

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Téléc. : 416 314-8452

Ontario

January 12, 2018

To: Yves Dagssie
Special Project Officer
Environmental Assessment and Permissions Branch

From: Header Merza
Senior Noise Engineer
Environmental Assessment and Permissions Branch

Re: Noise Review Comments
Highway 407 Transitway
West of Hurontario Street to East of Highway 400
Draft Environmental Project Report (EPR)
Cities of Mississauga, Brampton, Vaughan and Toronto
Noise File No.: E-0001-18

This office was requested to review the following reports:

(i) "Noise and Vibration Impact Assessment, Highway 407 Transitway: West of Hurontario Street to East of Highway 400" prepared by ARCADIS and dated November 2017; and

(ii) "Draft Environmental Project Report, Highway 407 Transitway: West of Hurontario Street to East of Highway 400" prepared by PARSONS and dated December 2017.

The following are our noise comments on the two reports noted above:

Noise Report (November 2017)

1. Vacant Lots: noise and vibration impacts should be assessed for vacant lands which have been committed for future sensitive land uses. These include uses such as: approved site plans, approved condominium plans or draft approved plans of subdivision.

2. Tables 5.1, 5.2 and 5.3: Tables 5.1 and 5.2 list the points of reception with sound levels over Leq(24h) 65 dBA (POR7 to POR10, POR19, POR27 to POR29, POR31 to POR35, and POR54 to POR61) for the asphalt surface and concrete surface options, respectively.

In accordance with the MTO's Environmental Guide for Noise (October 2006), these points of reception warrant the investigation of noise control measures. Table 5.3 lists the points of reception where noise control measures were investigated (POR1 to POR32). Noise control measures should also be investigated for the remaining points of reception listed in Tables 5.1 and 5.2 (POR33 to POR35 and POR54 to POR61). Noise control measures should be recommended when deemed technically, economically and administratively feasible.

3. Figure 5.1: this figure shows the proposed acoustic barriers for the Hurontario Station. The shown acoustic barriers' heights and lengths are not labelled on this figure. Furthermore, if these acoustic barriers are investigated but deemed not feasible, then the title of this figure should indicate that these barriers are investigated but not recommended.

EPR Report (December 2017)

No specific noise comments are made about this report. However, the report's noise excerpts should be checked for consistency with the Noise Report when the above noted comments are addressed.

We trust the above noise review would be of assistance to you.

If you have any questions, please contact Header Merza at 416-327-6575.

H. Merza, P.Eng.
Senior Noise Engineer

Ian Greason, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

Ministry of the Environment and Climate Change
Drinking Water and Environmental Compliance Division

Central Region,
Technical Support Section
5775 Yonge Street, 9th Floor
North York, ON M2M 4J1
Tel. (416) 326-6700
Fax (416) 325-6347

Ministère de l'Environnement et de l'Action en matière de changement climatique
Division de la conformité en matière d'eau potable et d'environnement

Région du Centre
Section d'appui technique
5775, rue Yonge, 8ième étage
North York, Ontario M2M 4J1
Tél. : (416) 326-6700
Téléc. : (416) 325-6347

Ontario

February 12, 2018

To: Chunmei Liu, Environmental Planner

From: Amanda Graham, Air Quality Analyst

Subject: Air Quality Impact Assessment
407 Transitway: Hurontario Street to East of Highway 400
January 2018

The following memorandum summarizes Technical Support Section's (TSS) comments on the Air Quality Impact Assessment for the 407 Transitway: Hurontario Street to East of Highway 400 TPAP, dated January 2018.

1. Please confirm if passenger vehicle idling emissions were assessed for the passenger pick up and drop off areas.

2. Section 4.3.4.2 indicates that precipitation was included in the calculation of dust suspended by vehicles on the road. Since this report is assessing worst case conditions (dry) for various averaging periods, precipitation should not be included in this equation.

3. Section 4.3.4.2 also mentions that 40% control efficiency can be applied to roadways where the posted speed limit is less than 40 km/hr, according to the WRAP Fugitive Dust Handbook. However, this handbook does not indicate that this control efficiency would be applicable for paved roads, and therefore it should not be applied.

4. When generating emission factors using MOVES2014 for the worst case scenario, both January and July should be used and the maximum of the two results should be selected for modelling.

Amanda Graham
Air Quality Analyst
Central Region, Technical Support
Ministry of the Environment and Climate Change
Tel: 416-326-5745

Liz Speller

From: Liz Speller
Sent: June-29-18 11:15 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Friday, February 23, 2018 8:47 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Morning Holly _ I was able to retrieve the files.
Thank you

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-22-18 3:03 PM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Hello Yves,

Just confirming you were able to retrieve the files – let me know if you are still having any issues.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Wednesday, February 21, 2018 3:52 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Handsome!

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-21-18 3:50 PM
To: Dagssie, Yves (MOECC)

Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Hi Yves,

I have reset your password on ShareFile – details below.

User Name: MOECC
Email: Yves.Dagssie@ontario.ca
Password: Transitway123!

Let me know if this still doesn't work. Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Wednesday, February 21, 2018 1:05 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

USB is fine. Thank you Holly

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-21-18 1:04 PM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Ok. We are going to send someone over to drop a USB off at your office with the files this afternoon. Is a USB ok?

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Wednesday, February 21, 2018 12:48 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Not yet. Thank you

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-21-18 12:48 PM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Just confirming – did you receive the notification email? All files have been uploaded.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Wednesday, February 21, 2018 11:59 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Thank you.

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services Section | Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-21-18 11:58 AM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Hello Yves,

Just resent – let me know if it does not work this time. Also, please give the files about 30 minutes to upload – there was a 30 day retention policy on the folder which expires in an hour so I am reuploading the files now (it's 2 GB so it will take a few minutes).

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Wednesday, February 21, 2018 11:35 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Morning Holly – I still haven't received the notification. Do you mind resending?

Thank you

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services Section | Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-20-18 12:29 PM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Hello Yves,

I have also uploaded the entire EPR document to the Parson ShareFile – I just resent you the notification email (it's automated). If this still does not work, please let me know and we can arranged something else.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Tuesday, February 20, 2018 12:22 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Morning Holy_

I am having trouble accessing the link below. Not sure if it was changed. Could you please provide me an up to date link to download the draft EPR report?

Thank you

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
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T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

Liz Speller

From: Liz Speller
Sent: June-29-18 11:18 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

From: Dagssie, Yves (MOECC) [mailto:Yves.Dagssie@ontario.ca]
Sent: Friday, March 02, 2018 12:03 PM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Morning Graham,

As per our phone conversation this morning, the drainage/storm water management requirements are the only outstanding comments. This section of the draft is currently being reviewed by our hydrologists. I believe it should be completed by Monday (I will let you know).

Regarding the timeline for the Notice of Commencement, as discussed, there is nothing that prevents a proponent from issuing a Notice of Commencement for their project. However due to the elections and the dissolution of the legislature at the call of the election (anticipated this May), there may not be a government in place to make decisions for the project. Therefore, I would suggest not to issue any notice that will trigger a Minister's review period until the end of the elections.

Please note that, this is not project specific. I believe this may has already been communicated to MTO senior management by Cabinet Office during session meetings.

If you have any questions or concerns, please contact your council or William Browmm at Cabinet Office for more information.

Thank you

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services Section | Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: DeRose, Graham (MTO)
Sent: March-01-18 2:00 PM
To: Dagssie, Yves (MOECC)
Cc: Desautels, Solange (MOECC); Sarris, Larry (MTO); Kerslake, Holly; Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Draft EPR Document Stakeholder Submission

Good Afternoon Yves,

Since the project team has not received any further comments from MOECC by February 28th (your proposed extended deadline below), this email is to confirm that MOECC has no further/outstanding comments, questions or concerns regarding the 407 Transitway Draft EPR for the assignment from west of Hurontario Street to east of Highway 400.

The 407 Transitway project team plans to issue the TPAP Notice of Commencement on March 28th, 2018, beginning the 120-day review period then.

Please let me know if you have any additional questions or wish to discuss further.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From: Liz Speller
Sent: March-27-18 1:01 PM
To: Liz Speller
Subject: FW: Previous Comments for MTO 407 Transitway

From: Dagssie, Yves (MOECC)
Sent: March-20-18 10:26 AM
To: Sarris, Larry (MTO)
Subject: Previous Comments for MTO 407 Transitway

Hi Larry,

As discussed please find below the previous SWM comments for the previous MTO 407 Transitway Project ~~(Burlington to HYWY 400)~~. (Kennedy to Brock). These comments also apply for this section (Hurontario to Hway 400).

Please let me know if you want to discuss this further.

Thank you

Comments

First some context... The 407 transitway is a dedicated bus/ transit line following the highway itself. When completed, it will stretch for ~ 150 km from Burlington in the west to Highway 35/135 in the east. I believe the eastern section from Brock road in Pickering to Highway 35/135 was part of the Individual EA for the 407 Eastern extension. The rest appears to be dealt with several Transit Reg EAs as flows:

- *West (Burlington to HYWY 400) - the EA for this section has not been fully started - we have not done anything on this part (I believe it is not going to be done soon);*
- *Central Part (23 km section from HYWY 400 to Kennedy road). We did get involved in the review of this Transit EA in 2010 and 2011;*
- *The current project (19 km) from Kennedy Road in Markham to Brock Road in Pickering.*

The main issues that came up during the review of the Central portion Transit EA (as well as other highway projects) were regarding stormwater management. Often, the main issue is this: MTO agrees that enhanced level of water quality treatment (i.e. a min of 80% TSS removal) would be provided but details would be lacking on how this will be achieved. In some instances, the EA reports that existing ponds/ facilities will be used to service the new transitway. We'd comment that details of the existing ponds (who owns what, is there capacity etc.) should be confirmed before EA is concluded, but often, this is deferred to "detailed design" stage. As project progresses many revisions and updates follow and I am not entirely sure if the SWM plan is as originally envisioned (MTO projects do not go through the ECA process for SWM ponds so we don't get to see the final SWM plan). The second issue that's come up often is the use of grassed swales to achieve enhanced level of water quality control. We appear to have sig differences in opinion about this.

The current project is not different. I have previously looked at a draft version of the Environmental Project Report (EPR), dated April 2016. Appendix C to that EPR was the Drainage report, dated Sept 14, 2015. It was

incomplete. Then, in June 2016, we received a revised version of the drainage report (revision date: January 29, 2016). Section 5 of this latest report discusses proposed SWM for the transit way.

*As you know, the transitway includes five stations. My understanding is that SWM at the stations includes wet ponds capable for providing enhanced level of water quality control. But, for the remainder of the route, the report claims that enhanced level of water quality control is to be achieved using enhanced swales and dry ponds. This was what I noted: "...**stormwater from almost the entire transit roadway is to be treated using enhanced swales. The reason provided is that the catchment area to each outlet point is less than the 5.0 ha requirement to sustain wet ponds....**" As I noted above, we have had many discussions on this topic with MTO - we believe it is incorrect to claim enhanced level of treatment will be achieved using swales. I also noted that we do not object to the use of swales for stormwater treatment, however we do not agree that enhanced level of protection can be achieved using swales alone and we do not support their use where a high level of treatment is warranted due to sensitivity of the receiving environment and/or where opportunity exists to consider additional measures. One solution would be to revise the SWM strategy to include additional mitigation measures (such as the use of OGS) to provide enhanced level of quality control. Alternately, MTO may provide the rationale as to why enhanced level of protection is not warranted in this instance. The SWM report in EPR should be revised to clearly reflect the rationale/changes.*

MTO has responded indicating ponds are not feasible in small catchment areas and that OGS would be too expensive and that swales can indeed achieve enhanced level of treatment. We are aware it's not possible to put in ponds everywhere. But, before I conclude my review, I wanted to have a better sense of TRCA's concerns and where TRCA concurs with MTO on these issues.

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services Section | Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

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Liz Speller

From: Liz Speller
Sent: June-29-18 11:23 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Wednesday, April 04, 2018 3:29 PM
To: Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>
Subject: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule

Good Afternoon Yves,

The 407 Transitway (west of Hurontario Street to east of Highway 400) project team would like to provide you with the revised dates for the TPAP period of the on-going assignment.

Key Milestone	
TPAP Period	
TPAP Notice of Commencement (separate notification letters will be provided)	April 25, 2018
TPAP Notice of Completion (separate notification letters will be provided) (120 days)	Ends on August 23
Public Review Period (30 days)	Ends on September 22
Minister's Approval (35 days)	Ends on October 27

Please let me know if you wish to discuss anything further.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From: Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>
Sent: April-23-18 11:46 AM
To: Kerslake, Holly
Cc: DeRose, Graham (MTO); Garron, Gus; Sarris, Larry (MTO); Bishop, Chris; Liz Speller
Subject: RE: Executive Summary - 407 Transitway – W of Hurontario St. to E of Highway 400

Thank you Holly.

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: April-23-18 11:36 AM
To: Dagssie, Yves (MOECC)
Cc: DeRose, Graham (MTO); Garron, Gus; Sarris, Larry (MTO); Bishop, Chris; Liz Speller
Subject: Executive Summary - 407 Transitway – W of Hurontario St. to E of Highway 400

Hi Yves,

As requested, please see attached the Executive Summary from the 407 Transitway (West of Hurontario St. to East of Highway 400) Draft EPR submitted back to Stakeholder on December 15th, 2017.

Let us know if you need anything else.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
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Liz Speller

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: June-04-18 1:45 PM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO); Garron, Gus; Bishop, Chris; Kerslake, Holly; r.minnesconsulting@gmail.com; Leung, Winnie; Liz Speller
Subject: 407 Transitway (Hurontario to 400) TPAP EPR - MOECC Comments and Responses
Attachments: 09 - MOECCTechnicalComments - Final.pdf

Good Afternoon Yves,

Please find attached responses to MOECC's comments regarding the 407 Transitway (west of Hurontario Street to east of Highway 400) Draft Environmental Project Report for the on-going TPAP assignment. The table includes the original MOECC comments, the project team responses, and the exact changes to the EPR document (if required). Please review our responses and let us know if you have any additional questions, comments or concerns.

Just as a general project update, responses to all comments received from stakeholders have been sent to each individual agency. Additionally, responses to comments received from the Public, either through the project website or previous PIC's, have been sent to the comment originator.

Thank you for taking the time to review the Draft EPR document on behalf of MOECC.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

June 4th, 2018

Yves Dagssie, PMP
Special Project Officer, Environmental Assessment Services Section, Environmental Approvals & Permissions Branch
Ministry of the Environment and Climate Change
135 St. Clair Ave. W, 7th Floor
Toronto, ON, M4V 1P5

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Dagssie,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to MOECC's comments which were received on the following dates:

- **February 12th, 2018**: Comments from Air Quality (email from Yves Dagssie).
- **February 12th, 2018**: Comments from Noise & Vibration (email from Yves Dagssie).
- **March 20th, 2018**: Comments from Drainage/SWM (email from Yves Dagssie).

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

From:	Liz Speller
To:	Liz Speller
Subject:	FW: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule
Date:	August-06-18 9:14:35 AM

From: Dagssie, Yves (MECP)
Sent: July 31, 2018 10:14 AM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule

Hello Graham

I will need the whole final package (EPR and Appendices) along with the electronic copies in a flash drive. Thank you very much

---

From: DeRose, Graham (MTO)
Sent: July-17-18 3:02 PM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule

Hi Yves,

Thank you for providing these dates and locations, we will move forward with them.

Can you let us know how many EPR hard copies (if any) you'd like Parsons to provide you? We can provide you with the whole document and any additional appendices you wish, along with digital versions.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Dagssie, Yves (MOECC)
Sent: July 17, 2018 2:45 PM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule

Hello Graham,

See attached the draft Notice of completion with my comments.

Please let me know if you have any question.

Thank you.

Yves Dagssie, PMP [certification.pmi.org]® | Special Project Officer
Environmental Assessment Services Section | Environmental Assessment and Permissions Branch
Ministry of the Environment, Conservation and Parks | 135 St. Clair Ave. W, 7th Floor, Toronto ON M4V 1P5
T: 416.314.7222 | F: 416.314.8452 | E: Yves.Dagssie@ontario.ca

Please consider the environment before printing this email.

From: DeRose, Graham (MTO)
Sent: July-17-18 9:55 AM
To: Dagssie, Yves (MOECC)
Cc: Sarris, Larry (MTO); Kerslake, Holly; Garron, Gus; Desautels, Solange (MOECC); Robb Minnes
Subject: RE: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule
Importance: High

Good Morning Yves,

I am just following up with the request I sent you last week. **Can you please confirm the Public Viewing locations for the 407 Transitway (west of Hurontario to east of Highway 400) EPR and identify MOECP's hardcopy needs for your review of the final EPR asap?** The project team must begin to translate the notice and schedule the EPR for finalization and printing.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: DeRose, Graham (MTO)
Sent: July 11, 2018 1:30 PM
To: Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Garron, Gus' <Gus.Garron@parsons.com>; Desautels, Solange (MOECC) <Solange.Desautels@ontario.ca>; 'Robb Minnes' <r.minnesconsulting@gmail.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - TPAP Schedule
Importance: High

Hello Yves,

The 120-TPAP Period of MTO's 407 Transitway (West of Hurontario Street to West of Highway 400) project is coming to a close and we are preparing the Final EPR documents. Attached is the Notice of Commencement – given the recent Ministry changes, if you could please confirm the Public Viewing locations where the EPR document must be made available to the Public during the 30-day Public review period, that would be greatly appreciated.

Additionally, can MOECP please provide their needs for hardcopies of the Final document? We will drop these off to your offices on August 21st.

The final schedule is noted below for reference:

Key Milestone	
TPAP Period	
Notice of Commencement of TPAP (120 days)	April 25, 2018
Notice of Completion of EPR (separate notification letters will be provided)	August 22, 2018
Public Review Period (30 days)	Ends on September 20
Minister's Approval (35 days)	Ends on October 25

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

MINISTRY OF NATURAL RESOURCES AND FORESTRY

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

October 27, 2015

Mr. Steven Strong
District Planner, Aurora District
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Mr. Strong:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Notice of Study Commencement

The Ontario Ministry of Transportation (MTO) is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The purpose of this letter is to introduce the study, to request your participation, and to obtain available background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your organization may have regarding the study.

Parsons is managing the study on behalf of MTO. LGL Limited will be providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which include Planning and Preliminary Design for the 407 Transitway. One Public Information Centre (PIC) will be held prior to the commencement of the TPAP and a second PIC will be held during the formal initiation of the TPAP for this study. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning and Preliminary Design and will be released for public review and comment. You will receive notification of the PICs, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the EPR). The "Notices of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers. All information produced as part of this project is available at **www.407transitway.com**.

Please complete the attached form and return it to my attention by **November 27, 2015**.

Thank you for your co-operation.

Yours sincerely,

LGL Limited
environmental research associates

George Ivanoff
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons

Attach

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Steven Strong
District Planner, Aurora District
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Update contact information if necessary

_____
_____
_____
_____
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_____

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

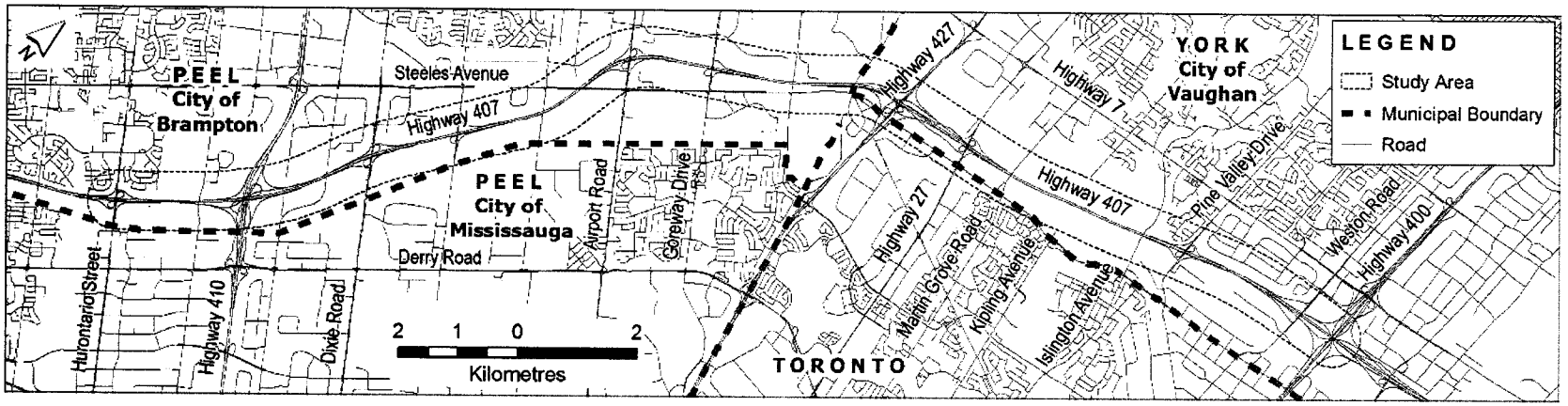
I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____
_____
_____
_____
_____
_____

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca



KEY PLAN OF THE STUDY AREA

From: stephanie Lillie
Sent: November-11-15 9:45 AM
To: Challice, Adam (MNRF)
Cc: amy.munn@parsons.com; George Ivanoff; Liz Speller; Judson Venier; steven.strong@ontario.ca
Subject: 407 Transitway MNRF Data Request
Attachments: Fisheries MNRF Data Request Nov. 11 2015.doc; AuroraInfoRequestTransitway.pdf; WatercourseCrossings_Map.pdf; WatercourseCrossings.cpg; WatercourseCrossings.dbf; WatercourseCrossings.prj; WatercourseCrossings.sbn; WatercourseCrossings.sbx; WatercourseCrossings.shp; WatercourseCrossings.shp.xml; WatercourseCrossings.shx

Hi Adam,

Please see attached, LGL's data and watercourse sensitivity request for the 407 Transitway from west Hurontario Street to east Highway 400. Included is the standard Aurora District information form, the MTO fisheries protocol letter and table, a map of the watercourse crossings, and the shapefiles for the crossings.

Please let me know if you need anything further or have any questions.

Thank you,
Stephanie

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 11, 2015 Sent via e-mail: Adam.Challice@ontario.ca

Adam Challice
Management Biologist
Ministry of Natural Resources and Forestry - Aurora District
50 Bloomington Rd
Aurora, ON L4G 0L8

Re: Request for Background Information, 407 Transitway from West of Hurontario Street to East of Highway 400, Planning and Preliminary Design Study G.W.P. 14-20001

Dear Mr. Challice,

In accordance with the *MTO/DFO/MNR Protocol for Protecting Fish and Fish Habitat on Provincial Highway Undertakings* (2013), this letter is to provide notification to the Ministry of Natural Resources and Forestry that the Ministry of Transportation is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway located within the Regional Municipalities of Peel and York in addition to requesting background natural heritage data for this area.

The 407 Transitway study area extends from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan (see attached mapping). The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of approximately 23 km of runningway (alignment) and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. An alignment has not been selected, therefore, for the purposes of this data request, we are requesting information for natural heritage features which occur within 500 m north and south of the 407 ETR centerline. A map is included with this submission which outlines the study area.

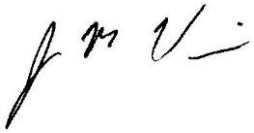
In addition to the standard Aurora District data request form, which is included with this request, please see the table below (and attached map) for a list of the watercourses and waterbodies within the 407 Transitway study limits and their locations. Watercourses within the study area include tributaries of Fletchers Creek (Credit River Conservation), Etobicoke Creek, Mimico Creek and the Humber River (Toronto and Region Conservation Authority). The attached map identifies all watercourses within the study area, which are numbered in sequential order from west to east.

As per Step 3 of the *MTO/DFO/MNR Fisheries Protocol*, we request that MNRF complete the attached table that includes information on fish community and habitat.

We look forward to MNRF's response to our request within **20 working days**, as specified in the Protocol.

Sincerely,

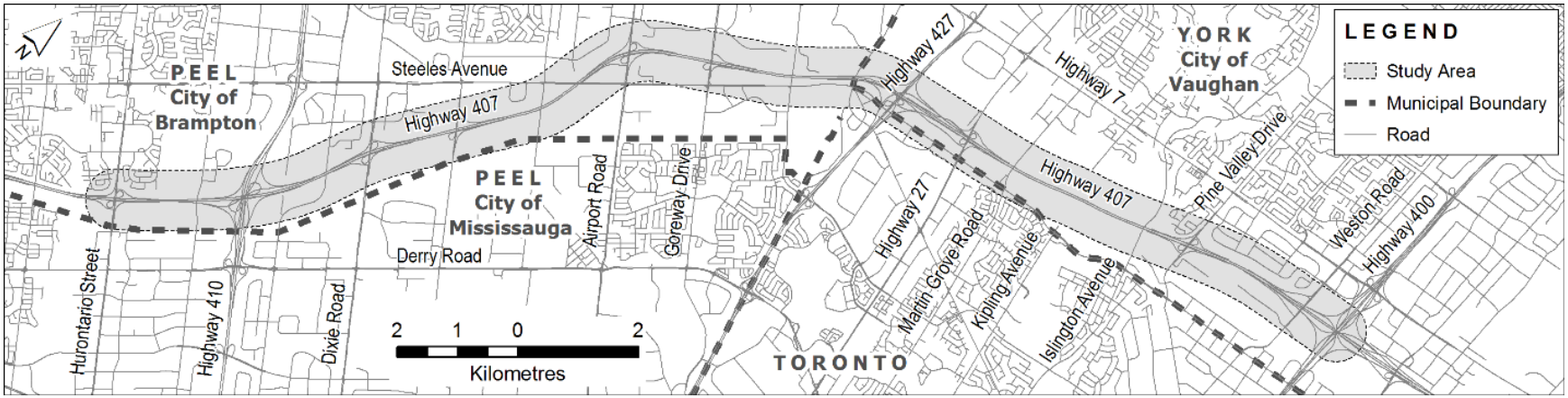
LGL Limited
environmental research associates



Judson M. Venier, M.Sc.
Fisheries Biologist

Attachments: Aurora MNRF information request form, table of watercourses, maps of study area

cc: Amy Munn, Parsons
Elizabeth Speller, LGL Limited
George Ivanoff, LGL Limited
Steven Strong, MNRF



MAP OF THE STUDY AREA

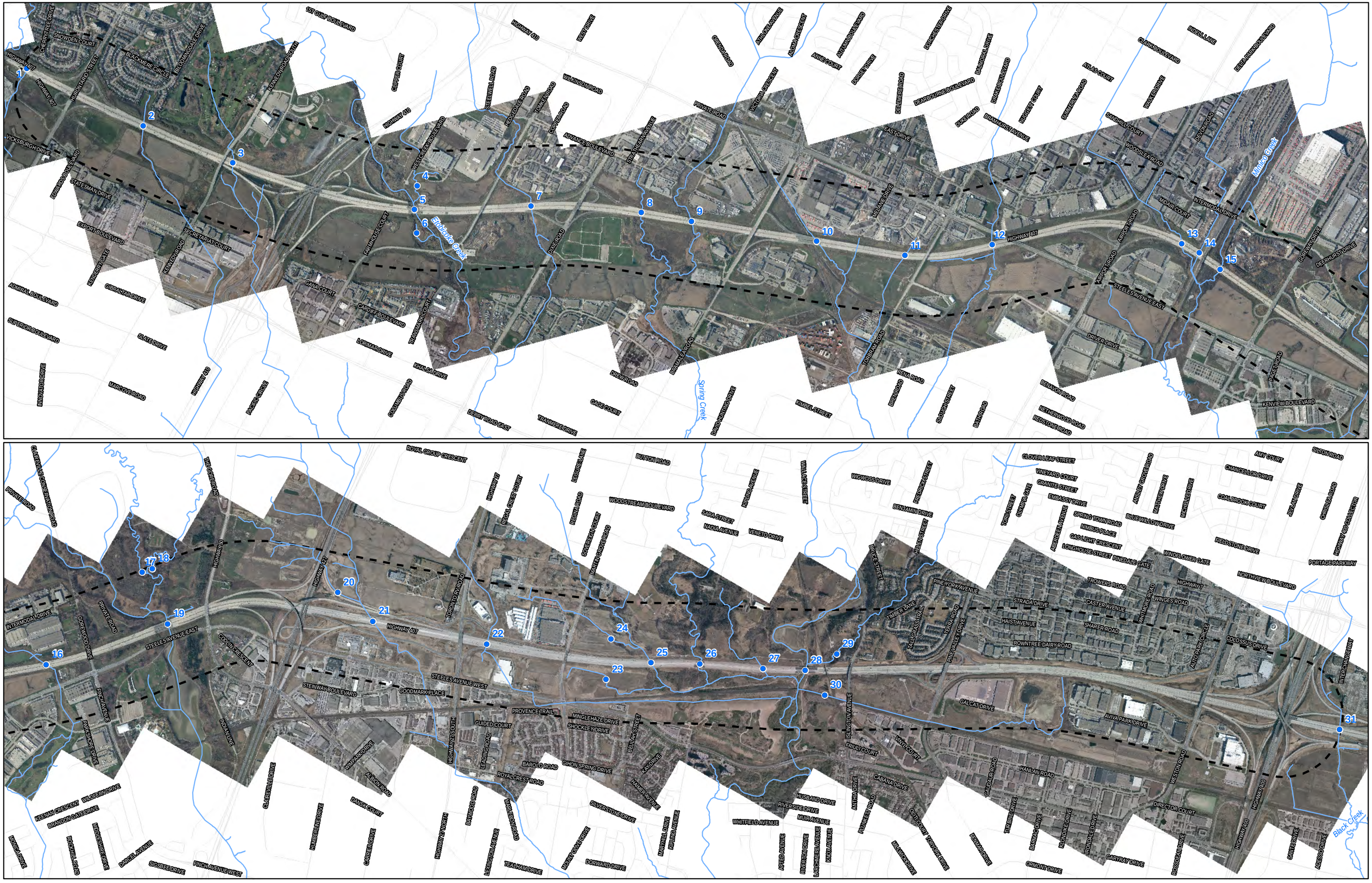
407 Transitway from West of Hurontario Street to East of Highway 400

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 1: Tributary of Fletchers Creek 17T 603199 mE 4833879 mN						
Site 2: Tributary of Etobicoke Creek 17T 603910 mE 4834691mN						
Site 3: Tributary of Etobicoke Creek 17T 604403 mE 4835334 mN						
Site 4: Tributary of Etobicoke Creek West Branch 17T 604982 mE 4836769 mN						
Site 5: Etobicoke Creek West Branch 17T 605169 mE 4836695 mN						
Site 6: Tributary of Etobicoke Creek West Branch 17T 605364 mE 4836660 mN						
Site 7: Tributary of Etobicoke Creek West Branch 17T 605391 mE 4837641 mN						
Site 8: Tributary of Spring Creek 17T 605683 mE 4838515 mN						
Site 9: Spring Creek 17T 605861 mE 4838898 mN						
Site 10: Tributary of Mimico Creek 17T 606293 mE 4839863 mN						

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 11: Tributary of Mimico Creek 17T 606597 mE 4840544 mN						
Site 12: Tributary of Mimco Creek 17T 606698 mE 4841270 mN						
Site 13:Tributary of Mimco Creek 17T 607098 mE 4842796 mN						
Site 14: Tributary of Mimico Creek 17T 607212 mE 4842917 mN						
Site 15: Mimico Creek 17T 607388 mE 4843051 mN						
Site 16: Tributary of Mimico Creek 17T 608536 mE 4844045 mN						
Site 17: Tributary of the West Humber River 17T 608843 mE 4845111 mN						
Site 18: Tributary of the West Humber River 17T 608902 mE 4845178 mN						
Site 19: West Humber River 17T 609243 mE 4844845 mN						
Site 20: Tributary of Albion Creek 17T 610339 mE 4845780 mN						
Site 21: Albion Creek 17T 610713 mE 4845720 mN						
Site 22: Tributary of the Humber River 17T 611629 mE 4846030 mN						

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 23: Tributary of the Humber River 17T 612639 mE 4846271 mN						
Site 24: Tributary of the Humber River 17T 612505 mE 4846585 mN						
Site 25: Tributary of the Humber River 17T 612893 mE 4846579 mN						
Site 26: Rainbow Creek 17T 613251 mE 4846773 mN						
Site 27: Tributary of the Humber River 17T 613726 mE 4847002 mN						
Site 28: Humber River 17T 614038 mE 4847166 mN						
Site 29: Tributary of the Humber River 17T 614198 mE 4847416 mN						
Site 30: Tributary of the Humber River 17T 614281 mE 4847069 mN						
Site 31: Tributary of Black Creek 17T 618141 mE 4848965 mN						

NOTE:
• The applicant shall complete the waterbody name and location (column 1) and attach a Google Earth map or MTO project map identifying each waterbody and submit to MNRF.
• MNRF is required as per Step 3 of the Fisheries Protocol to provide the applicant with the information outlined in the table above (columns 2-7) within **20 working days**.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HIGHWAY 410
HIGHWAY 427
HIGHWAY 50
HIGHWAY 27
HIGHWAY 7 SOUTH
HIGHWAY 7 WEST
Rimilo Creek
Spring Creek
Black Creek
1ST GULF BOULEVARD
CHERRYTREE DRIVE
SNOWDEN COURT
BLACKMORE CIRCLE
BROMINDALE DRIVE
KENNEDY ROAD SOUTH
WICKSBURGH DRIVE
STATESMAN DRIVE
EXPORT BOULEVARD
SECRETARIAT COURT
KENNEDY GATE
GIBRALTAR DRIVE
ADMIRAL BOULEVARD
SUPERIOR BOULEVARD
SLATE DRIVE
MINOTAUR DRIVE
MARCOVER ROAD
PACIFIC CIRCLE
SQUIRES ROAD
DERRY ROAD EAST
TRAMORE DRIVE
CAGE COURT
DAVID LEWIS DRIVE
KIMBEL STREET
SERVICE ROAD
SLOCUM STREET
BATH ROAD
BENSON ROAD
NETHERWOOD ROAD
REDSTONE ROAD
KENVIEW BOULEVARD
PRIEST ROAD
DRIVER DRIVE
STEELES AVENUE EAST
AIRPORT ROAD
INTERMODAL DRIVE
MIDAIR COURT
SANDHILL COURT
WOODSLEA ROAD
DEPOT ROAD
GORHAM DRIVE
DEERHURST DRIVE
TORBRAM ROAD
BRAMALEA ROAD
VICTORIA CRESCENT
PRIVATE ROAD
EAST DRIVE
MELANIE DRIVE
DUNDAS ROAD
ADVANCE BOULEVARD
STATESMAN AVENUE
COPPER ROAD
WILKINSON ROAD
FERNDALE ROAD
WESTCREEK BOULEVARD
KENNEDY ROAD
EARNSCLIFFE COURT
DUKE ROAD
CAMA COURT
CARDIFF BOULEVARD
TRANSWAY COURT
LORIMAR DRIVE
KYLAGA DRIVE
PREW ROAD
ATHENA AVENUE
ALMA CRESCENT
ALTAMONT BOULEVARD
ANNE COURT
DORIS DRIVE
BELFIELD ROAD
DEARBOURNE BOULEVARD
DUNCAN DRIVE
DRAKE BOULEVARD
JUNEROAD
DRAMMENSAVENUE
ATLAS COURT
SHAMELEA ROAD
VALLEY DRIVE
CLARK BOULEVARD
INGELLLANE
BETA AVENUE BOULEVARD
Rimilo Creek
INTERMODAL DRIVE
STEELES AVENUE WEST
STEINWAY BOULEVARD
GOODMARK PLACE
PROVENCE TRAIL
GUIDED COURT
LEADING ROAD
BAROLO ROAD
ROYAL CREST ROAD
GIHON SPRING DRIVE
MINGLEWAZE DRIVE
SHOCKLEY DRIVE
BELLAIR STREET
KAYDRIVE
HAMER AVENUE
SILVERSTONE DRIVE
PREW ROAD
HUSBAND DRIVE
RIVERSIDE DRIVE
MURIA DRIVE
WHITFIELD AVENUE
APTED AVENUE
RIVERTON DRIVE
LARCHMERE AVENUE
KNOX AVENUE
ORMONT DRIVE
ROSSEBAR DRIVE
GARY RAY DRIVE
HIGHWAY 7A
VETTON ROAD
HANLAN ROAD
CALCAT DRIVE
AVIVA PARK DRIVE
ROWNTREE DAIRY ROAD
AUTO PARK CIRCLE
COLOSSUS DRIVE
SHARER ROAD
CASTER AVENUE
HAIST AVENUE
STRADA DRIVE
TROWERS ROAD
WINGES ROAD
MARTINDALE ROAD
RIVERVILLE DRIVE
TERRA ROAD
TIMBER LANE
TALL GRASS TRAIL
PINE VALLEY DRIVE
PINE VALLEY AVENUE
BRUCE STREET
HELEN STREET
BENJAMIN DRIVE
REGENCY CRESCENT
WIGWOSS DRIVE
VILLAGE STREET
NADA AVENUE
SARA STREET
VENETO DRIVE
KENNEDY ROAD
MASON CROSS ROAD
SOVEREIGN COURT
RESMAR ROAD
ROYAL CREST COURT
HIGHWAY 7
ROYAL GROUP CRESCENT
BUTTON ROAD
WOODSTREAM BOULEVARD
CLARKE MEMORIAL CONSERVATION ROAD
PRIVATE ROAD
THE GOSSERD
TORONTO ROAD
INTERMODAL DRIVE
GORETWOOD DRIVE
PRIVATE ROAD
STEELES AVENUE EAST
GOLLIN CRESCENT
RIN CHAVENUE
PARKSTONE DRIVE
INDIAN LINE
VINPARK DRIVE
ALBION ROAD
CLARELLE DRIVE
DAISY COURT
LISMER MEWS DRIVE
CARLEREA DRIVE
HIGHWAY 7 WEST
BAYWOOD ROAD
MORE ROAD
ASTON ROAD AVENUE
TEALHAM DRIVE
KOMAS DRIVE
DORWARD DRIVE
KEENAN CRESCENT
WILFERN DRIVE
BRANDON GATE DRIVE
MIDDLESHIRE DRIVE
ROCKHILL ROAD
PARCEL AVENUE
SIGSBEE DRIVE
FINCH AVENUE WEST
KONTIKI DRIVE
CLOVER LEAF STREET
VINEYARD COURT
GRANITE STREET
EMBASSY DRIVE
SPRING TOWN ROAD
NIMBUS PLACE
GASLIGHT CRESCENT
LONGHOUSE STREET
PINEDALE GATE
BLUE WILLOW DRIVE
WINDFLOWER GATE
FIELDSTONE DRIVE
NORTHVIEW BOULEVARD
PORTAGE PARKWAY
HIGHWAY 50/COLLECTOR
SILTON ROAD
AMY COURT
CHANCELLOR DRIVE
COALBROOK COURT
ASTLAND DRIVE
CARLEA ROAD
ASHLEY GROVE ROAD
MATHEW DRIVE
MAXWELL DRIVE
QUINTA GATE
ABERDEEN AVENUE
JOSS STREET
INTER-CHANGEWAY

Appendix A: Information Request Form

Ontario

Aurora MNR
Information Request Form

Name:	Judson Venier
Company Name:	LGL Limited
Proponent Name:	Ministry of Transportation
Phone Number:	(905) 833-1244
Email Address:	jvenier@lgl.com
Project Name:	407 Transitway from Hurontario Street to Highway 400
Property Location:	
Township:	
Lot & Concession:	
UTM Coordinates:	West end Easting (X) 17T 603178 Northing (Y) 4833849 East end 17T 618086 4848963
Brief Description of Undertaking	MTO is proposing a 407 Transitway from Hurontario Street to Highway 400

Have you previously contacted someone at MNR for information on this site? [X] Yes [ ] No

If yes, when and who? Steven Strong, October 27,2015

Provide a map of accurate scale to illustrate footprint/study area of the proposed activity in relation to the surrounding landscape (e.g. property boundaries, roads, waterbodies, natural features, towns, transmission corridors, and other human landmarks). Use of aerial photography is strongly encouraged. Include scale, north arrow and legend.

ATTACHMENTS - I have attached a:

[ ] Picture [X] Map [X] Other

REQUEST - I would like to request the following information for the property identified above:

- [X] Fish Dot Information (fish and other aquatic species found in a particular area of a watercourse)
- [X] Wetland Mapping (hard copy) and/or evaluation and data record - please provide name of wetland if known)
- [X] ANSI Mapping (hard copy) and/or check- sheet - please provide name of ANSI if known)
- [X] Species at Risk
- [X] Other Fish habitat sensitivities

Please forward the completed form to: esa.aurora@ontario.ca

Or send by mail:
Aurora District, Ministry of Natural Resources
50 Bloomington Rd Aurora, ON L4G 0L8

Liz Speller

From: stephanie Lillie
Sent: Tuesday, December 8, 2015 11:43 AM
To: Challice, Adam (MNRF)
Cc: Judson Venier; Liz Speller
Subject: 407 Transitway MNRF Data Request
Attachments: Fisheries MNRF Data Request-DecUpdated.doc; WatercourseCrossings.cpg; WatercourseCrossings.dbf; WatercourseCrossings.prj; WatercourseCrossings.sbn; WatercourseCrossings.sbx; WatercourseCrossings.shp; WatercourseCrossings.shp.xml; WatercourseCrossings.shx

Hi Adam,

We have just received an update on the study limits for the 407 Transitway from Hurontario to Highway 400. The study limits have extended slightly west and east, and 3 additional watercourses need to be added to our MNRF request. See the attached fisheries protocol letter which includes a key plan and table of watercourses. The original watercourse numbers have not been changed, and the new watercourses are highlighted in the table (2 Fletchers Creek and One Black Creek). I also included updated shapefiles.

If you have any questions, please do not hesitate to contact us.
Thank you,

Stephanie

Stephanie Lillie B.Sc.
Fisheries Biologist, LGL Limited
22 Fisher Street, P.O. Box 280 King City, ON L7B 1A6
Tel: (905) 833-1244 E-mail: stephanielillie@lgl.com

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

December 8, 2015 Sent via e-mail: Adam.Challice@ontario.ca

Adam Challice
Management Biologist
Ministry of Natural Resources and Forestry - Aurora District
50 Bloomington Rd
Aurora, ON L4G 0L8

Re: Request for Background Information, 407 Transitway from West of Hurontario Street to East of Highway 400, Planning and Preliminary Design Study G.W.P. 14-20001

Dear Mr. Challice,

In accordance with the *MTO/DFO/MNR Protocol for Protecting Fish and Fish Habitat on Provincial Highway Undertakings* (2013), this letter is to provide notification to the Ministry of Natural Resources and Forestry that the Ministry of Transportation is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway located within the Regional Municipalities of Peel and York in addition to requesting background natural heritage data for this area.

The 407 Transitway study area extends from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan (see attached mapping). The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of approximately 23 km of runningway (alignment) and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. An alignment has not been selected, therefore, for the purposes of this data request, we are requesting information for natural heritage features which occur within 500 m north and south of the 407 ETR centerline. A map is included with this submission which outlines the study area.

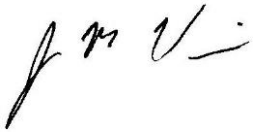
In addition to the standard Aurora District data request form, which is included with this request, please see the table below (and attached map) for a list of the watercourses and waterbodies within the 407 Transitway study limits and their locations. Watercourses within the study area include tributaries of Fletchers Creek (Credit River Conservation), Etobicoke Creek, Mimico Creek and the Humber River (Toronto and Region Conservation Authority). The attached map identifies all watercourses within the study area, which are numbered in sequential order from west to east.

As per Step 3 of the *MTO/DFO/MNR Fisheries Protocol*, we request that MNRF complete the attached table that includes information on fish community and habitat.

We look forward to MNRF's response to our request within **20 working days**, as specified in the Protocol.

Sincerely,

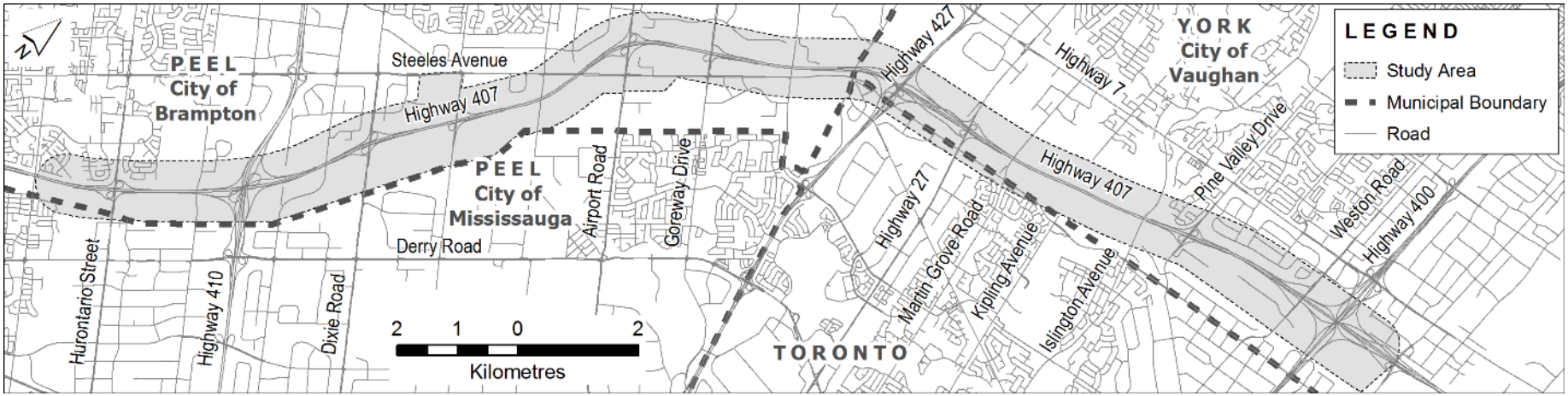
LGL Limited
environmental research associates



Judson M. Venier, M.Sc.
Fisheries Biologist

Attachments: Aurora MNRF information request form, table of watercourses, maps of study area

cc: Amy Munn, Parsons
Elizabeth Speller, LGL Limited
George Ivanoff, LGL Limited
Steven Strong, MNRF



MAP OF THE STUDY AREA (UPDATED DECEMBER 2015)

407 Transitway from West of Hurontario Street to East of Highway 400

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site A: Tributary of Fletchers Creek 17T 602788mE 4833475mN						
Site B:Fletchers Creek 17T 603069 mE 4833672 mN						
Site 1: Tributary of Fletchers Creek 17T 603199 mE 4833879 mN						
Site 2: Tributary of Etobicoke Creek 17T 603910 mE 4834691mN						
Site 3: Tributary of Etobicoke Creek 17T 604403 mE 4835334 mN						
Site 4: Tributary of Etobicoke Creek West Branch 17T 604982 mE 4836769 mN						
Site 5: Etobicoke Creek West Branch 17T 605169 mE 4836695 mN						
Site 6: Tributary of Etobicoke Creek West Branch 17T 605364 mE 4836660 mN						
Site 7: Tributary of Etobicoke Creek West Branch 17T 605391 mE 4837641 mN						
Site 8: Tributary of Spring Creek 17T 605683 mE 4838515 mN						

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 9: Spring Creek 17T 605861 mE 4838898 mN						
Site 10: Tributary of Mimico Creek 17T 606293 mE 4839863 mN						
Site 11: Tributary of Mimico Creek 17T 606597 mE 4840544 mN						
Site 12: Tributary of Mimco Creek 17T 606698 mE 4841270 mN						
Site 13:Tributary of Mimco Creek 17T 607098 mE 4842796 mN						
Site 14: Tributary of Mimico Creek 17T 607212 mE 4842917 mN						
Site 15: Mimico Creek 17T 607388 mE 4843051 mN						
Site 16: Tributary of Mimico Creek 17T 608536 mE 4844045 mN						
Site 17: Tributary of the West Humber River 17T 608843 mE 4845111 mN						
Site 18: Tributary of the West Humber River 17T 608902 mE 4845178 mN						
Site 19: West Humber River 17T 609243 mE 4844845 mN						
Site 20: Tributary of Albion Creek 17T 610339 mE 4845780 mN						

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 21: Albion Creek 17T 610713 mE 4845720 mN						
Site 22: Tributary of the Humber River 17T 611629 mE 4846030 mN						
Site 23: Tributary of the Humber River 17T 612639 mE 4846271 mN						
Site 24: Tributary of the Humber River 17T 612505 mE 4846585 mN						
Site 25: Tributary of the Humber River 17T 612893 mE 4846579 mN						
Site 26: Rainbow Creek 17T 613251 mE 4846773 mN						
Site 27: Tributary of the Humber River 17T 613726 mE 4847002 mN						
Site 28: Humber River 17T 614038 mE 4847166 mN						
Site 29: Tributary of the Humber River 17T 614198 mE 4847416 mN						
Site 30: Tributary of the Humber River 17T 614281 mE 4847069 mN						
Site 31: Tributary of Black Creek 17T 618141 mE 4848965 mN						
Site C: Black Creek 17T 618750 mE 4848474 mN						

NOTE:

• The applicant shall complete the waterbody name and location (column 1) and attach a Google Earth map or MTO project map identifying each waterbody and submit to MNRF.

• MNRF is required as per Step 3 of the Fisheries Protocol to provide the applicant with the information outlined in the table above (columns 2-7) within **20 working days**.

Liz Speller

From: Eplett, Megan (MNRF) <Megan.Eplett@ontario.ca>
Sent: Friday, February 5, 2016 4:31 PM
To: stephanie Lillie
Cc: Challice, Adam (MNRF); jvenier@lgl.com; lspeller@lgl.com
Subject: 407 Transitway MNRF Request
Attachments: Fisheries MNRF Data Request-DecUpdated_MNRF Info.doc; LGL_407TransitwaySAR_04Feb2016.pdf

Hello Stephanie,

Please find attached fisheries and species at risk information for the 407 Transitway. If you have any questions or concerns please follow up with Adam Challice. He will be back in the office next week.

Thank you,

Megan

Megan Eplett | Management Biologist | Aurora District | Ministry of Natural Resources and Forestry
☎ (905) 713-7369 | megan.eplett@ontario.ca

Ministry of
Natural Resources
and Forestry
Aurora District Office
50 Bloomington Road
Aurora, Ontario L4G 0L8

Ministère des
Richesses naturelles
et des Forets

Telephone: (905) 713-7400
Facsimile: (905) 713-7361

Ontario

February 4, 2016

Judson Venier
Fisheries Biologist
LGL Limited
22 Fisher Street, P.O. Box 280
King City, ON L7B 1A6
Phone: (905) 833-1255

Re: Request for Information for the 407 Transitway from West of Hurontario Street to East of Highway 400, Planning and Preliminary Design Study

Dear Mr. Venier,

In your email dated November 11, 2015 you requested information on natural heritage features and element occurrences occurring on or adjacent to the above mentioned location. There are Species at Risk recorded for your study area. As of the date of this letter, we have records of:

Redside Dace	END	Butternut	END
Barn Swallow	THR	Bobolink	THR
Eastern Meadowlark	THR	Monarch	SC
Eastern Wood-pewee	SC	Wood Thrush	SC
Snapping Turtle	SC		

Please note specific Redside Dace habitat information is included in the corresponding table detailing watercourses within the 407 Transitway Study Limits.

Additionally, the species listed below have the potential to occur in your study and may require further assessment or field studies to determine presence. We have records of the following species within the vicinity of your study area:

Little Brown Myotis	END	Northern Myotis	END
Bank Swallow	THR		

Natural heritage features recorded include identified wetlands.

These species may receive protection under the *Endangered Species Act 2007* and thus, an approval from MNRF may be required if the work you are proposing could cause harm to these species or their habitats. If the Species at Risk in Ontario List is amended, additional species may be listed and protected under the *ESA 2007* or the status and protection levels of currently listed species may change.

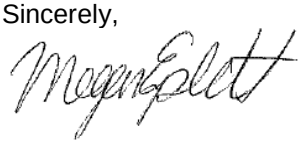
Absence of information provided by MNRF for a given geographic area, or lack of current information for a given area or element, does not categorically mean the absence of sensitive species or features. Many areas in Ontario have never been surveyed and new plant and animal species records are still being discovered for many localities. For these reasons, the MNRF cannot provide a definitive statement on the presence, absence or condition of biological elements in any part of Ontario.

This species at risk information is highly sensitive and is not intended for any person or project unrelated to this undertaking. Please do not include any specific information in reports that will be available for public record. As you complete your fieldwork in these areas, please report all information related to any

species at risk to our office. This will assist with updating our database and facilitate early consultation regarding your project.

If you have any questions or comments, please do not hesitate to contact adam.challice@ontario.ca

Sincerely,



Megan Eplett
Management Biologist
Ontario Ministry of Natural Resources and Forestry, Aurora District

407 Transitway from West of Hurontario Street to East of Highway 400

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site A: Tributary of Fletchers Creek 17T 602788mE 4833475mN	Coldwater	Unknown	**Redside Dace**	CVC – Fletcher's Creek Subwatershed Study	High (Redside dace contributing habitat)	July 1 – September 15
Site B:Fletchers Creek 17T 603069 mE 4833672 mN	Coldwater	Unknown	**Redside Dace,** White Sucker Brook Stickleback Redside Dace, Blacknosed Dace Creek Chub Common Shiner Fathead Minnow Bluntnosed Minnow Rainbow Darter Pumpkinseed Horny Head Chub Longnosed Dace Brown Bullhead	CVC – Fletcher's Creek Subwatershed Study	High (Redside Dace occupied habitat)	July 1 September 15
Site 1: Tributary of Fletchers Creek 17T 603199 mE 4833879 mN		Unknown	**Redside Dace**	CVC – Fletcher's Creek Subwatershed Study	High (Redside Dace contributing habitat)	July 1- Sept 15
Site 2: Tributary of Etobicoke Creek 17T 603910 mE 4834691mN	Warmwater	Unknown	white sucker, johnny	TRCA – Etobicoke	Low	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			darter/tesselated darter, golden shiner, common shiner, spotfin shiner, bluntnose minnow, eastern blacknose dace, longnose dace, creek chub	Creek FMP		
Site 3: Tributary of Etobicoke Creek 17T 604403 mE 4835334 mN	Warmwater	Unknown	white sucker, johnny darter/tesselated darter, golden shiner, common shiner, spotfin shiner, bluntnose minnow, eastern blacknose dace, longnose dace, creek chub	TRCA – Etobicoke Creek FMP	Low	July 1 – March 31
Site 4: Tributary of Etobicoke Creek West Branch 17T 604982 mE 4836769 mN	Warmwater	Unknown	rock bass, white sucker, brook stickleback, rainbow darter, fantail darter, johnny darter/tesselated darter, northern hog sucker, emerald shiner, common shiner,	TRCA – Etobicoke Creek FMP	Low	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			blacknose shiner, spottail shiner, bluntnose minnow, eastern blacknose dace, longnose dace, creek chub, fathead minnow			
Site 5: Etobicoke Creek West Branch 17T 605169 mE 4836695 mN	Same as 4	Unknown		TRCA – Etobicoke Creek FMP	Low	
Site 6: Tributary of Etobicoke Creek West Branch 17T 605364 mE 4836660 mN	Same as 4	Unknown		TRCA – Etobicoke Creek FMP	Low	
Site 7: Tributary of Etobicoke Creek West Branch 17T 605391 mE 4837641 mN	Warmwater	Unknown	rock bass, white sucker, johnny darter/tesselated darter, common shiner, bluntnose minnow, eastern blacknose dace, longnose dace, creek chub, brook stickleback, fathead minnow	TRCA – Etobicoke Creek FMP	Low	July 1 – March 31
Site 8: Tributary of Spring Creek 17T 605683 mE 4838515 mN	Warmwater	Unknown	rock bass, white sucker, johnny darter/tesselated darter, common shiner, bluntnose	TRCA – Etobicoke Creek FMP	Low	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			minnow, eastern blacknose dace, longnose dace, creek chub, brook stickleback, fathead minnow			
Site 9: Spring Creek 17T 605861 mE 4838898 mN	Warmwater	Unknown		TRCA – Etobicoke Creek FMP		July 1 – March 31
Site 10: Tributary of Mimico Creek 17T 606293 mE 4839863 mN	Warmwater	Unknown				July 1 – March 31
Site 11: Tributary of Mimico Creek 17T 606597 mE 4840544 mN	Warmwater	Unknown				July 1 – March 31
Site 12: Tributary of Mimco Creek 17T 606698 mE 4841270 mN	Warmwater	Unknown	fathead minnow, creek chub		Low	July 1 – March 31
Site 13:Tributary of Mimco Creek 17T 607098 mE 4842796 mN	Warmwater	Unknown	white sucker, mottled sculpin, common shiner, bluntnose minnow, eastern blacknose dace, creek chub, brook stickleback, fathead minnow		Low	July 1 – March 31
Site 14: Tributary of Mimico Creek 17T 607212 mE 4842917 mN	warmwater	Unknown	white sucker, mottled sculpin, common shiner, bluntnose minnow, eastern		Med	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			blacknose dace, creek chub, brook stickleback, fathead minnow			
Site 15: Mimico Creek 17T 607388 mE 4843051 mN	Wamwater	Unknown	white sucker, mottled sculpin, common shiner, bluntnose minnow, eastern blacknose dace, creek chub, brook stickleback, fathead minnow		Med	July 1 – March 31
Site 16: Tributary of Mimico Creek 17T 608536 mE 4844045 mN	warmwater	Unknown	white sucker, mottled sculpin, common shiner, bluntnose minnow, eastern blacknose dace, creek chub, brook stickleback, fathead minnow		Med	July 1 – March 31
Site 17: Tributary of the West Humber River 17T 608843 mE 4845111 mN	warmwater	Unknown	pumpkinseed, bluegill, largemouth bass, blackchin shiner, rosyface shiner, bluntnose minnow, fathead minnow, creek chub, brown	TRCA - Humber River FMP	Low	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			bullhead, rock bass, white sucker, rainbow darter, johnny darter/tesselated darter, northern hog sucker, common shiner, eastern blacknose dace, brook stickleback, yellow perch			
Site 18: Tributary of the West Humber River 17T 608902 mE 4845178 mN	Same as 17	Unknown			Low	
Site 19: West Humber River 17T 609243 mE 4844845 mN	Warmwater	Unknown	yellow bullhead, rock bass, goldfish, white sucker, common carp, northern pike, johnny darter/tesselated darter, northern hog sucker, bluegill, rainbow trout, largemouth bass, common shiner, spottail shiner, rosyface shiner, rainbow , bluntnose	TRCA - Humber River FMP	High	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			minnow, fathead minnow, blackchin shiner, brown bullhead, creek chub, pumpkinseed, yellow perch			
Site 20: Tributary of Albion Creek 17T 610339 mE 4845780 mN	Warmwater	Unknown	Unknown	TRCA - Humber River FMP		July 1 – March 31
Site 21: Albion Creek 17T 610713 mE 4845720 mN	Warmwater	Unknown	Unknown	TRCA - Humber River FMP		July 1 – March 31
Site 22: Tributary of the Humber River 17T 611629 mE 4846030 mN	Coldwater	Unknown	white sucker, brook stickleback, rainbow darter, johnny darter/tesselated darter, northern hog sucker, largemouth bass, river chub, emerald shiner, common shiner, blackchin shiner, sand shiner, bluntnose minnow, fathead minnow, longnose dace, creek chub, redside dace	TRCA - Humber River FMP	High	July 1st – September 15th

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			(historical), eastern blacknose dace, pumpkinseed			
Site 23: Tributary of the Humber River 17T 612639 mE 4846271 mN	Coldwater	Unknown	white sucker, brook stickleback, rainbow darter, johnny darter/tesselated darter, northern hog sucker, largemouth bass, river chub, emerald shiner, common shiner, blackchin shiner, sand shiner, bluntnose minnow, fathead minnow, longnose dace, creek chub, redside dace (historical), eastern blacknose dace, pumpkinseed	TRCA - Humber River FMP	High	July 1st to September 15th
Site 24: Tributary of the Humber River 17T 612505 mE 4846585 mN	Coldwater	Unknown	white sucker, brook stickleback, rainbow darter, johnny darter/tesselated	TRCA - Humber River FMP	High	July 1st to September 15th

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			darter, northern hog sucker, largemouth bass, river chub, emerald shiner, common shiner, blackchin shiner, sand shiner, bluntnose minnow, fathead minnow, longnose dace, creek chub, redside dace, eastern blacknose dace, pumpkinseed			
Site 25: Tributary of the Humber River 17T 612893 mE 4846579 mN	Same as 24	Unknown		TRCA - Humber River FMP	High	July 1st to September 15th
Site 26: Rainbow Creek 17T 613251 mE 4846773 mN	Coldwater	Unknown	**Redside Dace,** white sucker, brook stickleback, rainbow darter, johnny darter/tesselated darter, northern hog sucker, largemouth bass, river chub, emerald shiner, common shiner,	TRCA - Humber River FMP	High (Redside Dace occupied habitat)	July 1st – September 15th

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
			blackchin shiner, sand shiner, bluntnose minnow, fathead minnow, longnose dace, creek chub, redside dace, eastern blacknose dace, pumpkinseed			
Site 27: Tributary of the Humber River 17T 613726 mE 4847002 mN	Coldwater	Unknown	white sucker, brook stickleback, rainbow darter, johnny darter/tesselated darter, northern hog sucker, largemouth bass, river chub, emerald shiner, common shiner, blackchin shiner, sand shiner, bluntnose minnow, fathead minnow, longnose dace, creek chub, redside dace, eastern blacknose dace, pumpkinseed	TRCA - Humber River FMP	High	July 1st to September 15th

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 28: Humber River 17T 614038 mE 4847166 mN	Warmwater	Unknown	brown bullhead, rock bass, white sucker, brook stickleback, common carp, northern hog sucker, pumpkinseed, river chub, common shiner, rosyface shiner, stonecat, yellow perch, blackside darter, bluntnose minnow, fathead minnow, longnose dace, creek chub, central mudminnow, fantail darter, rainbow darter, johnny darter/tesselated darter, American brook lamprey	TRCA - Humber River FMP		July 1 – March 31
Site 29: Tributary of the Humber River 17T 614198 mE 4847416 mN	Warmwater	Unknown	eastern blacknose dace	TRCA - Humber River FMP	Low	July 1 – March 31
Site 30: Tributary of the Humber River 17T 614281 mE 4847069 mN	Warmwater	Unknown		TRCA - Humber River FMP	Low	July 1 – March 31

Waterbody Name and location (UTM)	Watercourse classification (i.e., warmwater, coldwater)	Habitat information/ locations (fish passage barriers, known spawning habitats etc.)	Historical data on fish species present, including whether the subject waterbody(s) are considered to support any vulnerable, threatened or endangered aquatic species	MNRF fisheries management objectives, if applicable	MNRF interpretation of fish and fish habitat sensitivity (scale of high, moderate, low or unknown as per DFO's Risk Management Framework	In-water timing windows for construction
Site 31: Tributary of Black Creek 17T 618141 mE 4848965 mN	Warmwater	Unknown	brook stickleback, common shiner	TRCA - Humber River FMP	Low	July 1 – March 31
Site C: Black Creek 17T 618750 mE 4848474 mN	Warmwater	Unknown	brook stickleback, common shiner	TRCA - Humber River FMP	Low	July 1 – March 31

NOTE:
• The applicant shall complete the waterbody name and location (column 1) and attach a Google Earth map or MTO project map identifying each waterbody and submit to MNRF.
• MNRF is required as per Step 3 of the Fisheries Protocol to provide the applicant with the information outlined in the table above (columns 2-7) within **20 working days**.

From: Keen, Ben (MNRF)
To: stephanie Lillie
Subject: RE: 407 Transitway MNRF Request
Date: Friday, December 09, 2016 2:42:50 PM
Attachments: image001.png
ExistingConditionsSummarytable (MNRF Recommendations).docx

Hi Stephanie,

Please find attached a copy of the Existing Conditions Summary table with MNRF's recommendations regarding the modifications LGL presented. Regarding your questions of RSD regulated habitat, I can confirm Rainbow Creek is no longer regulated RSD habitat as it is now historical.

Let me know if you have any questions or concerns,

Regards,

Ben Keen

Management Biologist | ONTARIO MINISTRY of NATURAL RESOURCES and FORESTRY | AURORA DISTRICT OFFICE
50 Bloomington Road, Aurora, Ontario, L4G 0L8 | PH: 905-713-6010 | EMAIL: ben.keen@ontario.ca

Ontario

From: Eplett, Megan (MNRF)
Sent: November 16, 2016 8:38 AM
To: Keen, Ben (MNRF)
Subject: FW: 407 Transitway MNRF Request

Hi Ben,

I think this should have gone to you.

Megan

From: stephanie Lillie [mailto:StephanieLillie@lgl.ca]
Sent: November-15-16 10:59 AM
To: Eplett, Megan (MNRF)
Cc: Judson Venier
Subject: 407 Transitway MNRF Request

Hi Megan,

I'm hoping for some input from your end regarding the watercourse sensitivities along the proposed corridor of the 407 Transitway. Attached is our Existing Fish and Fish habitat summary table, and a labelled figure of the study area.

In accordance with the MTO protocol, we are requesting changes to some of the MNRF interpreted sensitivities based on what we saw during our field investigations. I'm hoping to get some input weather MNR agrees with our modified sensitivity rankings. I added a column to the existing conditions table briefly explaining our rationale for the change in sensitivity.

If you would like to review a copy of our draft existing conditions report, photo appendix ect. to help with this request, please let me know and I'll send them along. The site numbers will be changing, however in the table attached, the site numbers from our previous request are highlighted to avoid confusion.

One other thing we were hoping to get input on is regarding the Redside Dace habitat within the study area. The lead fisheries bio on this project Judson mentioned that via personal correspondence with Emily Funell (MNRF), Rainbow Creek is no longer regulated Redside Dace habitat. I'm hoping to get a confirmation of this for our records if that is indeed the case.

Thanks,
Please don't hesitate to contact me with any questions or if you require further information regarding this request.

Stephanie

Stephanie Lillie B.Sc.
Fisheries Biologist, LGL Limited
22 Fisher Street, P.O. Box 280 King City, ON L7B 1A6
Tel: (905) 833-1244 E-mail: stephanielillie@lgl.com

From: Eplett, Megan (MNRF) [mailto:Megan.Eplett@ontario.ca]
Sent: Tuesday, February 09, 2016 1:54 PM
To: stephanie Lillie
Cc: Challice, Adam (MNRF)
Subject: RE: 407 Transitway MNRF Request

Hi Stephanie,

Apologies I must have missed labelling those. I can confirm that watercourse crossings 22, 23, 24, 25, & 27 are historical records for Redside Dace.

Thanks,

Megan

Megan Eplett | Management Biologist | Aurora District | Ministry of Natural Resources and Forestry
☎ (905) 713-7369 | megan.eplett@ontario.ca

From: stephanie Lillie [mailto:StephanieLillie@lgl.ca]
Sent: February-09-16 1:45 PM
To: Eplett, Megan (MNRF)
Cc: Challice, Adam (MNRF)
Subject: RE: 407 Transitway MNRF Request

Hi Meghan/Adam,

I have one quick question regarding the fisheries Data you provided..
For some watercourses you specified that watercourses are Occupied or contributing habitat for Redside Dace,

For other watercourses there is no note whether the habitat is either occupied or contributing, just Redside Dace in the Fish Species Column. One example is Site 22. Are we to assume these are historical records?

Our draft report is due on Thursday, im really hoping you can clear this up for me.

Feel free to give me a call if you would like to discuss.

Thank you,
Stephanie

Stephanie Lillie B.Sc.
Fisheries Biologist, LGL Limited
22 Fisher Street, P.O. Box 280 King City, ON L7B 1A6
Tel: (905) 833-1244 E-mail: stephanielillie@lgl.com

From: Eplett, Megan (MNRF) [mailto:Megan.Eplett@ontario.ca]
Sent: Friday, February 05, 2016 4:31 PM
To: stephanie Lillie
Cc: Challice, Adam (MNRF); jvenier@lgl.com; lspeller@lgl.com
Subject: 407 Transitway MNRF Request

Hello Stephanie,

Please find attached fisheries and species at risk information for the 407 Transitway. If you have any questions or concerns please follow up with Adam Challice. He will be back in the office next week.

Thank you,

Megan

Megan Eplett | Management Biologist | Aurora District | Ministry of Natural Resources and Forestry
☎ (905) 713-7369 | megan.eplett@ontario.ca

TABLE 1. 407 TRANSITWAY WEST -
EXISTING FISH AND FISH HABITAT CONDITIONS SUMMARY TABLE

Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
CREDIT RIVER WATERSHED													
Site 3 C1: Tributary of Fletchers Creek	603199 mE 4833879 mN	Ephemeral	Not provided	Upland soils	Terrestrial (cattails present downstream of study area)	None	**Redside Dace** contributing (MNRF 2016).	July 1-September 15	High	None	High	Ephemeral flows, no defined channel within ROW	Likely contributing RSD habitat
ETOBICOKE CREEK WATERSHED													
Site 4 E1: Tributary of Etobicoke Creek	603910 mE 4834691mN	Intermittent	Warmwater	Silt, detritus	Cattails, submerged, floating aquatic	Seasonal (refuge habitat in online pond)	White Sucker, Johnny Darter, Tessellated Darter, Golden Shiner, Common Shiner, Spotfin Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Longnose Dace, Creek Chub (MNRF 2016). Cyprinids Spp. (LGL 2016).	July 1-March 31	Low	Low			
E2: Tributary of Etobicoke Creek	604553 mE 4835222 mN	Ephemeral	Not provided	Upland soils	Terrestrial	None	Not provided	Not Provided	None	None			
Site 5 E3: Tributary of Etobicoke Creek	604403 mE 4835334 mN	Intermittent	Warmwater	Silt, cobble	Cattails, submerged	Seasonal	White Sucker, Johnny Darter, Tessellated Darter, Golden Shiner, Common Shiner, Spotfin Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Longnose Dace, Creek Chub (MNRF 2016). Cyprinids Spp. (LGL 2016).	July 1-March 31	Low	Low			
E4: Tributary of Etobicoke Creek	604796 mE 4835451 mN	Intermittent	Not provided	Silt	Terrestrial, cattails	Indirect	Not provided	Not provided	None	Low	July 1- March 31	Intermittent flow, indirect fish habitat	Intermittent flow identified (LGL)

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Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
Site 7 E5: Etobicoke Creek West Branch	605169 mE 4836695 mN	Permanent	Warmwater	Cobble, gravel, boulder, sand, silt	Terrestrial	Direct	Blacknose Dace, Bluntnose Minnow, Common Shiner, Creek Chub, Johnny Darter, Longnose Dace, White Sucker, Brook Stickleback, Fathead Minnow, Rock Bass, Northern Hog Sucker, Rainbow Darter (MNRF 2016; TRCA 2016). Rock Bass, Tessellated Darter, Rainbow Darter, Fantail Darter, Blacknose Shiner, Spottail Shiner (MNRF 2016). Central Stoneroller, Green Sunfish (TRCA 2016). Cyprinids Spp. (LGL 2016).	Not provided	Low	Low	July 1- March 31		-Direct habitat
Site 9 E6: Tributary of Etobicoke Creek West Branch	605391 mE 4837641 mN	Permanent	Warmwater	Cobble, gravel, sand, silt, detritus, boulder	Cattails, emergent, submerged vegetation	Direct	Blacknose Dace, Creek Chub, Brook Stickleback (MNRF 2016; TRCA 2016) Rock Bass, White Sucker, Johnny Darter, Tessellated Darter, Common Shiner, Bluntnose Minnow, Longnose Dace, Fathead Minnow (MNRF 2016). Creek Chub, Central Stoneroller (LGL 2016).	July 1- March 31	Low	Low			
Site 10 E7: Tributary of Spring Creek	605683 mE 4838515 mN	Permanent	Warmwater	Silt, sand, gravel, cobble	Emergent, submerged vegetation	Direct	Rock Bass, White Sucker, Johnny Darter, Tessellated Darter, Common Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Longnose Dace, Creek Chub, Brook Stickleback,	July 1- March 31	Low	Low			

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EXISTING FISH AND FISH HABITAT CONDITIONS SUMMARY TABLE

Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
							Fathead Minnow (MNRF 2016).						
Site 11 E8: Spring Creek	605861 mE 4838898 mN	Permanent	Warmwater	Gravel, cobble, sand, silt, boulder	Terrestrial	Direct	Blacknose Dace, Bluntnose Minnow, Brook Stickleback, Common Shiner, Creek Chub, Fathead Minnow, Longnose Dace, White Sucker, Golden Shiner, Pumpkinseed, Spottail Shiner, Green Sunfish, Pumpkinseed, Central Stoneroller, Johnny Darter (TRCA 2016). Creek Chub, Central Stoneroller, Common Shiner, Rosyface Shiner, Green Sunfish, White Sucker (LGL 2016).	July 1-March 31	None	Low		Permanent, direct fish habitat	
MIMICO CREEK WATERSHED													
Site 12 M1: Tributary of Mimico Creek	606293 mE 4839863 mN	Permanent	Warmwater	Silt, sand, gravel, detritus, rip rap	Cattails, *Phragmites*	Direct	Not provided	July 1-March 31	None	Low		Permanent, direct fish habitat	
M2: Tributary of Mimico Creek	606522 mE 4840112 mN	Ephemeral	Not provided	Upland soils	Terrestrial	None	Not provided	Not provided	None	None			
Site 13 M3: Tributary of Mimico Creek	606597 mE 4840544 mN	Permanent	Warmwater	Silt, detritus, rip rap	Cattails	Indirect	Not provided	July 1-March 31	None	Low		Permanent, indirect fish habitat	
Site 14 M4: Tributary of Mimico Creek	606698 mE 4841270 mN	Permanent	Warmwater	Silt, detritus, sand, gravel, cobble	Cattails, emergent, submerged vegetation	Direct	Fathead Minnow, Creek Chub (MNRF 2016). Creek Chub, Fathead Minnow, Fathead Minnow (rosy-red strain) (LGL 2016).	July 1-March 31	Low	Low			

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EXISTING FISH AND FISH HABITAT CONDITIONS SUMMARY TABLE

Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
Site 15 M5: Tributary of Mimico Creek	607098 mE 4842796 mN	Permanent	Warmwater	Cobble, gravel, sand, silt, rip rap	Cattails	Direct	Creek Chub, Fathead Minnow (MNRF 2016; TRCA 2016). White Sucker, Mottled Sculpin, Common Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Brook Stickleback (MNRF 2016). Creek Chub (LGL 2016).	July 1-March 31	Low	Low			
Site 16 M6: Tributary of Mimico Creek	607212 mE 4842917 mN	Permanent	Warmwater	Gravel, silt, sand, detritus	Cattails	Direct	White Sucker, Mottled Sculpin, Common Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Creek Chub, Brook Stickleback, Fathead Minnow (MNRF 2016).	July 1-March 31	Moderate	Low	Moderate	warmwater habitat, no critical habitat features identified, common fish species present	Sensitive species present
Site 17 M7: Mimico Creek	607388 mE 4843051 mN	Permanent	Warmwater	Gravel, sand, silt, cobble	Cattails, submerged vegetation	Direct	Creek Chub (MNRF, TRCA, 2016). White Sucker, Mottled Sculpin, Common Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Brook Stickleback, Fathead Minnow (MNRF 2016). Creek Chub, Fathead Minnow, Fathead Minnow (rosy-red strain), Brook Stickleback (LGL 2016).	July 1-March 31	Moderate	Low	Moderate	warmwater habitat, no critical habitat features identified, common fish species present	Sensitive species present
Site 18 M8: Tributary of Mimico Creek	608536 mE 4844045 mN	Intermittent	Warmwater	Silt, detritus	Cattails, *Phragmites*	Seasonal	White Sucker, Mottled Sculpin, Common Shiner, Bluntnose Minnow, Eastern Blacknose Dace, Creek Chub, Brook Stickleback, Fathead Minnow (MNRF 2016). Cyprinids Spp. (LGL 2016).	July 1-March 31	Moderate	Low		warmwater habitat, no critical habitat features identified, common fish species present	

TABLE 1. 407 TRANSITWAY WEST -
EXISTING FISH AND FISH HABITAT CONDITIONS SUMMARY TABLE

Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
HUMBER RIVER WATERSHED													
Site 21 H1: West Humber River	609243 mE 4844845 mN	Permanent	Warmwater	Silt, detritus, boulder	Submerged, emergent vegetation, cattails	Direct	Rock Bass, Goldfish, White Sucker, Common Carp, Johnny Darter, Northern Hog Sucker, Largemouth Bass, Common Shiner, Creek Chub, Pumpkinseed (MNRF 2016; TRCA 2016). Blacknose Dace, Fantail Darter, Mimic Shiner, Rainbow Darter (TRCA 2016). Yellow Bullhead, Northern Pike, Tessellated Darter, Bluegill, Rainbow Trout, Spottail Shiner, Rosyface Shiner, Bluntnose Minnow, Fathead Minnow, Blackchin Shiner, Brown Bullhead, Yellow Perch (MNRF 2016). Cyprinids Spp. (LGL 2016).	July 1-March 31	High	Moderate	July 1 – September 15	warmwater habitat, no critical habitat features identified, some sensitive fish species present	Cold water species present
Site 23 H2: Albion Creek	610713 mE 4845720 mN	Intermittent	Warmwater	Silt	Cattails	Indirect	Not Provided	July 1-March 31	None	Low		Indirect habitat at best. Piped downstream of study area	
Site 24 H3: Tributary of Rainbow Creek	611629 mE 4846030 mN	Intermittent	Coldwater	Silt	Cattails, *Phragmites*	Indirect	White Sucker, Brook Stickleback, Rainbow Darter, Johnny Darter, Tessellated Darter, Northern Hog Sucker, Largemouth Bass, River Chub, Emerald Shiner, Common Shiner, Blackchin Shiner, Sand Shiner, Bluntnose Minnow, Fathead	July 1-September 15	High	Low	Moderate	Indirect fish habitat, channelized along embankment. No critical habitat features identified	Cold water regime, historical RSD habitat

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EXISTING FISH AND FISH HABITAT CONDITIONS SUMMARY TABLE

Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
							Minnow, Longnose Dace, Creek Chub, **Redside Dace (Historical)** (MNRF 2016).						
Site 25 H4: Tributary of Rainbow Creek	612639 mE 4846271 mN	Ephemeral	Coldwater	Terrestrial	Isolated sections of cattails	None	White Sucker, Brook Stickleback, Rainbow Darter, Johnny Darter, Tessellated Darter, Northern Hog Sucker, Largemouth Bass, River Chub, Emerald Shiner, Common Shiner, Blackchin Shiner, Sand Shiner, Bluntnose Minnow, Fathead Minnow, Longnose Dace, Creek Chub, **Redside Dace (Historical)**, Eastern Blacknose Dace, Pumpkinseed (MNRF 2016).	July 1-September 15	High	None	Low	No defined channel thought most of the study area. Poor connection to downstream habitat	Coldwater regime, RSD historical habitat
Site 27 H5: Tributary of Rainbow Creek	612893 mE 4846579 mN	Permanent	Coldwater	Silt, sand, gravel, rip rap	Cattails, emergent, submerged vegetation	Direct	White Sucker, Brook Stickleback, Rainbow Darter, Johnny Darter, Tessellated Darter, Northern Hog Sucker, Largemouth Bass, River Chub, Emerald Shiner, Common Shiner, Blackchin Shiner, Sand Shiner, Bluntnose Minnow, Fathead Minnow, Longnose Dace, Creek Chub, **Redside Dace (Historical)**, Eastern Blacknose Dace, Pumpkinseed (MNRF 2016). Cyprinids Spp. (LGL 2016).	July 1-September 15	High	High			
Site 28 H6: Rainbow	613251 mE 4846773 mN	Permanent	Coldwater	Gravel, sand, silt,	Submerged vegetation,	Direct	White Sucker, Brook Stickleback, Rainbow	July 1-September	High	Moderate	High	No critical habitat features	Cold water regime, historical

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Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
Creek				rip rap, cobble, detritus	*Phragmites*		Darter, Johnny Darter, Northern Hog Sucker, Common Shiner, Bluntnose Minnow, Fathead Minnow, Longnose Dace, Creek Chub, Blacknose Dace, Pumpkinseed (MNRF 2016; TRCA 2016). Central Stoneroller, Fantail Darter, Green Sunfish, Rock Bass, Rainbow Darter, Golden Shiner (TRCA 2016). **Redside Dace (Occupied)** Tessellated Darter, Largemouth Bass, River Chub, Emerald Shiner, Blackchin Shiner, Sand Shiner (MNRF 2016).	15				were identified. No longer regulated habitat for Redside Dace? -Confirmed	RSD habitat, same as site 27
Site 30 H7: Humber River	614038 mE 4847166 mN	Permanent	Warmwater	Silt, sand, gravel, cobble, boulder, detritus	*Phragmites*	Direct	Rock Bass, White Sucker, Northern Hog Sucker, Pumpkinseed, River Chub, Common Shiner, Rosyface Shiner, Stonecat, Bluntnose Minnow, Longnose Dace, Creek Chub, Fantail Darter, Johnny Darter, American Brook Lamprey (MNRF 2016; TRCA 2016). Blacknose Dace, Central Stoneroller, Rainbow Darter, Rainbow Trout, Green Sunfish, Sand Shiner, Largemouth Bass, Golden Shiner, Lamprey Spp. (TRCA 2016). Brown Bullhead, Brook Stickleback, Common	July 1-March 31	None	Moderate		warmwater habitat, no critical habitat features identified, some sensitive fish species present	

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EXISTING FISH AND FISH HABITAT CONDITIONS SUMMARY TABLE

Watercourse	UTM Coordinates (Zone 17T)	Flow*	OMNRF Identified Thermal Regime***	Substrate Type*	Vegetation*	Supports a Fishery*	Fish Species Present**	OMNRF Identified In Water Works Timing Window***	OMNRF Identified Habitat Sensitivity (as per Fisheries Protocol) ***	LGL Interpretation of Sensitivity	MNRF Recommendations	LGL Rationale for Sensitivity Modification	MNRF Rationale(s)
							Carp, Yellow Perch, Blackside Darter, Fathead Minnow, Central Mudminnow, Rainbow Darter, Tessellated Darter (MNRF 2016).						
Site 32 H8: Tributary of the Humber River	614281 mE 4847069 mN	Permanent	Warmwater	Silt, detritus, gravel, sand, rip rap	Cattails, emergent, submerged vegetation	Indirect	Not provided	July 1-March 31	Low	Low			

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 18, 2016

Mr. Steven Strong
District Planner, Aurora District
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Mr. Strong:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
Public Information Centre #1 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is undertaking the above referenced 407 Transitway project. The project is currently at the Planning Study phase prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the first Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m.** The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning, Environmental Assessment and Preliminary Design which will be released for agency and public review and comments. You will receive notification of the formal commencement of the Transit Project Assessment Process, the second PIC and of the release of the EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP", "Notice of PIC", and "Notice of Completion of EPR" will also be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

If you are unable to attend the PIC and would like further information regarding the project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Senior Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Attach

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 18, 2016

Mr. Adam Challice
Management Biologist
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Mr. Challice:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
Public Information Centre #1 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is undertaking the above referenced 407 Transitway project. The project is currently at the Planning Study phase prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the first Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning, Environmental Assessment and Preliminary Design which will be released for agency and public review and comments. You will receive notification of the formal commencement of the Transit Project Assessment Process, the second PIC and of the release of the EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP", "Notice of PIC", and "Notice of Completion of EPR" will also be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

If you are unable to attend the PIC and would like further information regarding the project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Senior Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Attach

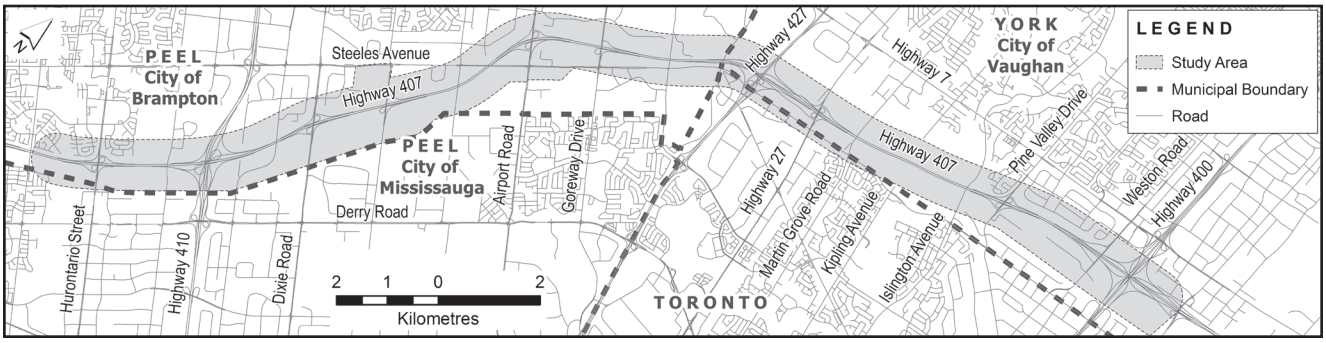
NOTICE OF PUBLIC INFORMATION CENTRE #1

407 Transitway - Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting the Planning, Preliminary Design and Environmental Assessment of the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The Transitway facility will consist of 23 km of runningway and several stations that will include parking facilities, transit integration and other amenities. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

MTO is carrying out a Planning Study for the 407 Transitway prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives. The Notice of Commencement for the formal TPAP and the Notice regarding the release of study documentation will be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

PUBLIC INFORMATION CENTRE (PIC) # 1

PICs will be held at two (2) key milestones during the study. The first PIC will be held at the following two locations:

Date: **December 6, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **December 8, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

The PIC will be an informal drop-in centre. The results of the Planning Study will be displayed including introduction to the Transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and identification of the initially preferred planning alignment and station locations. MTO staff and their consultants will be on hand to answer any questions and to receive your input. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail. Notification of the second PIC will also be published in local newspapers.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the *Environmental Assessment Act.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
tel: 905-943-0505
fax: 905-943-0400
e-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-5272
e-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244
fax: 905-833-1255
e-mail: gkauffman@lgl.com

Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

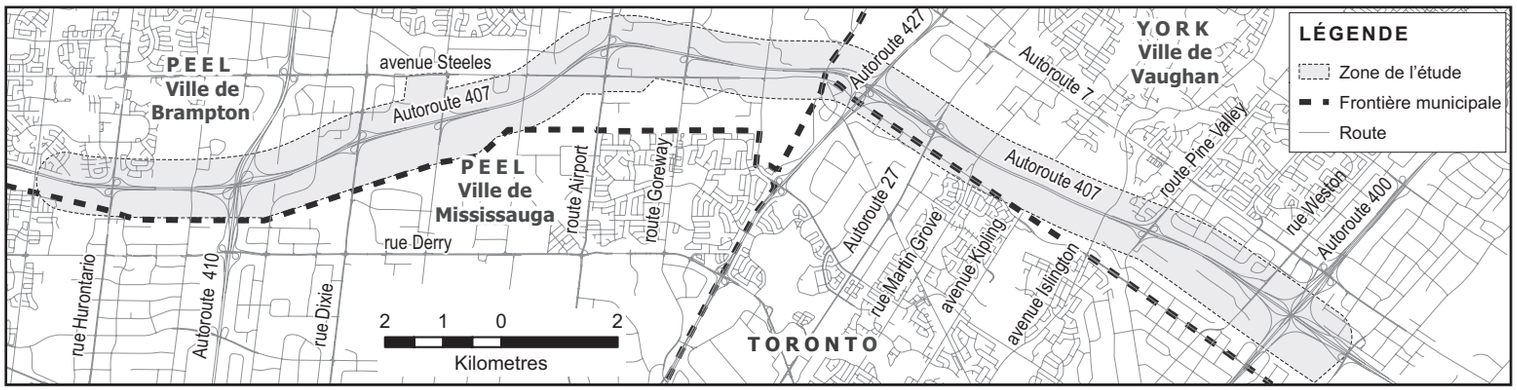
AVIS DU CENTRE D'INFORMATION Nº 1

Voie réservée 407 de la rue Hurontario jusqu'à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue la planification, la conception préliminaire et l'évaluation environnementale de la voie réservée 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprend un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute 407. La voie réservée sera composée de 23 km de voie de roulement et de nombreuses stations, l'intégration du transport en commun et d'autres commodités. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

Le ministère des Transports réalise une étude de planification pour la voie réservée 407 avant de lancer le processus d'évaluation des projets de transport en commun conformément à la loi *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* L'étude de planification comprend un examen des conditions existantes, une étude des prévisions d'achalandage et du plan de service, ainsi qu'une évaluation des possibles alignements et autres emplacements des stations de la voie réservée. L'avis de commencement pour le processus d'évaluation formel et l'avis concernant la divulgation de la documentation de l'étude seront publiés plus tard dans les journaux locaux. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CENTRE D'INFORMATION Nº 1

Les centres d'information auront lieu à deux (2) étapes importantes de l'étude. Le premier centre se tiendra aux deux emplacements suivants :

Date : **6 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **8 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information sera un événement sans rendez-vous. Les résultats de l'étude de planification seront affichés, y compris la présentation de la voie réservée aux transports en commun, les conditions existantes, les prévisions d'achalandage, les plans de services possibles, les alignements et les autres emplacements possibles des stations, ainsi que l'identification de l'alignement du plan et des emplacements des stations préférés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires. Un deuxième centre d'information aura lieu plus tard afin de présenter l'alignement de l'itinéraire et les stations préférables d'un point de vue technique, les possibles répercussions environnementales et les mesures d'atténuation prescrites pour une conception préliminaire. L'avis du deuxième centre d'information sera également publié dans les journaux locaux.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et renseignements concernant cette étude seront recueillis pour aider l'équipe de l'étude à répondre aux exigences de la *Loi sur les évaluations environnementales.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Khaled El-Dalati, ing.
Chargé de projet de firme de conseils Parsons
625, route Cochrane, bureau 500
Markham (Ontario) L3R 9R9
tél. : 905 943-0505
téléc. : 905 943-0400
courriel : k.eldalati@parsons.com

Sarah Merriam, M.Sc.
Planificatrice environnementaliste principale du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5272
courriel : sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Ontario

From: Kerslake, Holly
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)
Date: November-27-17 6:52:54 PM

FYI.

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Message-----
From: Challice, Adam (MNRF) [mailto:Adam.Challice@ontario.ca]
Sent: Wednesday, November 08, 2017 4:53 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)

Holly please remove me from this distribution list as I no longer work in aurora mnrf.

Adam Challice

_____
From: Gus.Garron@parsons.com [Gus.Garron@parsons.com] on behalf of Kerslake, Holly [Holly.Kerslake@parsons.com]
Sent: Wednesday, November 08, 2017 1:35 PM
To: Strong, Steven (MNRF); Challice, Adam (MNRF)
Subject: FW: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)
When: Friday, December 08, 2017 9:30 AM-12:00 PM.
Where: Parsons Offices - 625 Cochrane Drive., Suite 500 (5th Floor), Markham - 5th Floor, North and South Boardrooms

-----Original Appointment-----
From: Kerslake, Holly
Sent: Thursday, October 19, 2017 11:55 AM
To: Kerslake, Holly; lmarray@creditvalleyca.ca; michael.vallins@cn.ca; Matthew.Williams@mississauga.ca; Makael Kakakhel; Liz Speller; Garron, Gus; Vincent.white@cn.ca; Suzanne Bevan; Malcolm Mackay; Wang, Hank; Firmani, Adrian (MTO); Shahrokni, Mani; Stephanie Segreti; malcolm.mackay@gotransit.com; Ernest.Abraham@infrastructureontario.ca; Lafleur, Chris; Zhuo, Julianna (MMA/MHO); Leung, Winnie; r.minnesconsulting@gmail.com; Choi, William; Abdul.Shaikh@mississauga.ca; DeRose, Graham (MTO); Rita.Kelly@infrastructureontario.ca; javier.mena.diep@metrolinx.com; Adam.Challice@ontario.ca; Mefimova@407etr.com; Sarris, Larry (MTO); Frank.martins@ontario.ca; Rieger, Doug; Inderjit.Hans@brampton.ca; sabbir.saiyed@peelregion.ca; dmrkela@407etr.com; Allan Ortlieb; Jeff Booker; rick.schatz@hydroone.com; Patrick.Grace@infrastructureontario.ca; Gonzalez, Alejandra (MMA/MHO); Funnell, Emily (MNRF); Lorna Zappone; steve.mota@york.ca; 'Scott Johnston'; rbacquie@407etr.com; Dagssie, Yves (MOECC)
Subject: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)
When: Friday, December 08, 2017 9:30 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Parsons Offices - 625 Cochrane Drive., Suite 500 (5th Floor), Markham - 5th Floor, North and South Boardrooms

Due to scheduling conflicts with multiple attendees, the date of TRG 2 is being moved to Friday December 8th, 2017.

Hello All,

This invitation is for the second Technical Resource Group (TRG) meeting for the Ministry of Transportation's 407 Transitway Section: west of Hurontario St. to east of Highway 400. The main purpose of this meeting is to present a summary of the Draft Environmental Project Report (EPR), which is currently being prepared, before it is submitted for your review and comments. Your attendance will be much appreciated by the Project team.

Meeting Location:
Parsons Offices
625 Cochrane Drive., Suite 500 (5th Floor), Markham 5th Floor, North and South Boardrooms

Please let me know if you have any questions or concerns. The agenda will circulate closer to the meeting date.

Regards,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9 holly.kerslake@parsons.com<mailto:holly.kerslake@parsons.com>
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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www.parsons.com<http://www.parsons.com/> | LinkedIn<https://webportal.parsons.com/v2/,DanaInfo=urldefense.proofpoint.com,SSL+url?u=https-3A__www.linkedin.com_company_parsons&d=BQMFaQ&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=iZNlh6dnFYPILyq_2-DmjpFMBmIHuB7rIGd_TCe7N6M&m=98igw8OxyFTtGS3BUxvV0OBEGOU_4VdnJFCmNS3GWsE&s=XhjSw-ZCxfOKj0wsh9wUKhkzNvFiYZoTizi-a3CdqXU&e=> | Twitter<https://webportal.parsons.com/v2/,DanaInfo=urldefense.proofpoint.com,SSL+url?u=https-3A__twitter.com_ParsonsCorp&d=BQMFaQ&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=iZNlh6dnFYPILyq_2-DmjpFMBmIHuB7rIGd_TCe7N6M&m=98igw8OxyFTtGS3BUxvV0OBEGOU_4VdnJFCmNS3GWsE&s=ZA0eWpLHALG5opp15aIwjhIriBrfKZFLrGZqU0si4k0&e=> | Facebook <https://webportal.parsons.com/v2/,DanaInfo=urldefense.proofpoint.com,SSL+url?u=https-3A__www.facebook.com_parsonscorporation&d=BQMFaQ&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=iZNlh6dnFYPILyq_2-DmjpFMBmIHuB7rIGd_TCe7N6M&m=98igw8OxyFTtGS3BUxvV0OBEGOU_4VdnJFCmNS3GWsE&s=UcmPD4yGVpnWpnEfR5XfqTV8qgTS6IKitqeqcVbnxHw&e=>

From:	Liz Speller
To:	"Steven.Strong@ontario.ca"
Cc:	DeRose, Graham (MTO); "Sarris, Larry (MTO)"; Garron, Gus; Kerslake, Holly; Liz Speller; "Eplett, Megan (MNRF)"; "Mcgill, John"; Grant Kauffman
Subject:	407 Transitway West from Hurontario Street to Highway 400, TPAP (G.W.P. 14-20001) - Draft Environmental Project Report Notification
Date:	December-12-17 10:55:21 AM
Attachments:	407 TW3 Final Draft EPR Letter MNRF.pdf

Good morning Mr. Strong,

Please find attached a letter notifying you of the availability of the Draft Environmental Project Report (on December 15, 2017) for your review/comment for the 407 Transitway project from west of Hurontario Street to east of Highway 400 (G.W.P. 14-20001). We kindly request that any comments on the Draft Environmental Project Report from MNRF be provided by **January 24, 2018**. Also provided in the letter is a summary of the results of the natural sciences investigation undertaken for this project.

Please let me know if you have any questions or concerns.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

December 12, 2017 Sent via e-mail: Steven.Strong@ontario.ca

Mr. Steven Strong
District Planner, Aurora District
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Mr. Strong:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
DRAFT Environmental Project Report

The Ministry of Transportation of Ontario (MTO) is conducting the Transit Project Assessment Process (TPAP) for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. In advance of formally announcing the 120 day consultation and documentation period, MTO has completed a Draft Environmental Project Report (EPR) for this project in accordance with *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act.* The 407 Transitway within this section includes seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of sites along the 407 Transitway facility will also be protected for future environmental compensation. These sites are located east of Hurontario Street, between Kennedy Road and Tomken Road, west of Torbram Road, east of Martin Grove Road, and west of Weston Road. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

The first Public Information Centre (PIC) for this project was held in December 2016. The second PIC for this project will be held in January 2018 to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures. Notification of PIC #2, the formal commencement of the 120 day TPAP period and the release of the Final EPR will be published in local newspapers and letters of notification will be sent to you. All information produced as part of this project is available at **www.407transitway.com**.

The purpose of this letter is to notify you of the availability of the Draft EPR for your review/comment. We kindly request that any comments on the Draft EPR be provided by **January 24, 2018**. The Draft EPR will be available at the following project website on December 15, 2017:

Website: http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html
Username: stakeholder
Password: kH_5*jr

Please note that we have been in contact with Megan Eplett and Adam Challice (Management Biologists, MNRF Aurora District) regarding this project and we received species at risk information from them in February 2016.

Fish and Fish Habitat

There are a total of 24 watercourse crossings occurring within the project limits: eight within the Etobicoke Creek watershed, eight within the Mimico Creek Watershed and eight within the Humber River watershed. One additional watercourse (Tributary of Fletchers Creek within the Credit River watershed) is located just west of the westerly study limits. **Section 3.1.5** of the Draft EPR provides information about the location of the watercourses. Twenty of these 24 watercourse crossings support fish and fish habitat. This project has the potential to directly affect these watercourses. “Serious Harm to Fish” could result as a result of the proposed works with the addition of new watercourse crossings, potential channel realignments, potential retaining walls, clearing of vegetation within the riparian areas (including wetland species), modifications to drainage due to increased impermeable surfaces in the vicinity of the watercourses, and the addition of storm water management features.

One aquatic species at risk, Redside Dace (*Clinostomus elongatus*), regulated as “Endangered” under the Ontario ESA and Canada SARA, has been identified as occurring within the vicinity of the study area. One watercourse feature (C1 – Tributary of Fletchers Creek located just west of the westerly study limits) was identified by MNRF as contributing habitat for Redside Dace, which may be regulated under the Ontario ESA, 2007. Field investigations in 2016 conducted by LGL Limited determined that this feature (C1) does not provide fish habitat and is located west of the study limits so should not be impacted. However, if it is determined that this watercourse feature will be impacted as a result of the 407 Transitway, the work may affect the habitat of Redside Dace and a 17(2)(c) overall benefit permit under the Ontario ESA may be required prior to construction. In this case, specialized mitigation measures would be required to prevent negative impacts to this species and/or its habitat, and all best management practices outlined in the *Draft Guidance for Development Activities in Redside Dace Protected Habitat* (MNR 2011) will need to be incorporated into the design. The project team has made a commitment in the Draft EPR to discuss permit requirements with MNRF prior to construction.

Structures at watercourse crossings are anticipated to be similar to the existing 407 ETR crossings. The design of the structures will be further refined prior to construction.

Please note that a *Fish and Fish Habitat Existing Conditions and Impact Assessment Report* has been prepared as part of the TPAP and is presented in **Appendix D** of the Draft EPR.

Vegetation and Vegetation Communities

There will be a loss of approximately 107 ha of vegetation communities (including anthropogenically influenced lands such as agricultural and manicured land), which includes a loss of 52.52 ha due to the runningway, and a loss of 54.65 ha due to the stations. Collectively, this will result in impacts to both terrestrial and wetland habitats. All of the vegetation communities identified within the study area are considered to be widespread and common in Ontario and secure globally. **Table 6.3** and **Table 6.4** in the Draft EPR present a summary of the vegetation removals within the Transitway runningway and stations.

Compensation for the removal of wetland and forest communities will be provided. **Chapter 5** of the Draft EPR provides details on the sites that have been protected for future environmental compensation.

Please note that a *Terrestrial Ecosystems Existing Conditions and Impact Assessment Report* has been prepared as part of the TPAP and is presented in **Appendix E** of the Draft EPR.

Wildlife and Wildlife Habitat

A total of 13 wildlife species at risk have been recorded within the vicinity of the study area based on secondary source data (including Western Chorus Frog, Snapping Turtle, Northern Bobwhite, Common Nighthawk, Hooded Warbler, Chimney Swift, Eastern Wood Pewee, Bank Swallow, Barn Swallow, Wood Thrush, Eastern Meadowlark, Bobolink, and Monarch), and an additional two wildlife species at risk have been identified as having the potential to be found within the study area (including little brown myotis and northern myotis). Two species at risk were confirmed in the study area by LGL during 2016 field investigations including Barn Swallow and Eastern Wood Pewee. The project team has made a commitment in the Draft EPR to consult further with MNRF prior to construction to discuss wildlife species at risk, any potential impacts of the proposed work on species at risk, and any requirements for permitting under the Ontario ESA. Prior to construction, further field investigations will be undertaken as required for species at risk during the appropriate season using MNRF protocols to confirm presence/absence.

As part of project implementation, once structure sizes are confirmed, the Openness Ratio will be calculated for each of the new structures to determine whether target animals groups can use the structures for passage. Structure sizes for the 407 ETR are already generally large enough to accommodate large wildlife species. Constructing new structures of similar size will allow for continued use of these corridors for all species of wildlife.

Designated Natural Areas

No Provincially Significant Wetlands (PSWs) were identified within the study area. The Woodbridge Cut ESA and the Woodbridge Pleistocene Cut Earth Science ANSI are located in the vicinity of the study area (east of Martin Grove Road). The 407 Transitway design was refined to avoid impacts to these two designated natural areas.

Three watercourses located in the study area, including the Etobicoke Creek West Branch, West Humber River and Lower Humber River, are designated as 'Urban River Valleys' under the Greenbelt Plan (2017). The environmental protection/mitigation measures outlined in **Chapter 6** of the Draft EPR will help maintain/enhance the 'Urban River Valleys' and ensure that the policies of the Greenbelt Plan will be adhered to at these three 'Urban River Valleys' in order to support connections between the Natural Heritage System and the local, regional and broader natural heritage systems of southern Ontario.

If you would like further information regarding this project, please contact the undersigned at 905-833-1244 or via email at gkauffman@lgl.com.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons
Megan Eplett, Management Biologist, MNRF (via email)

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: January-23-18 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com;

Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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www.parsons.com | LinkedIn | Twitter | Facebook

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

January 5, 2018

Mr. Steven Strong
District Planner, Aurora District
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Mr. Strong:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. You will receive notification of the formal commencement of the 120-day TPAP period and of the release of the Final EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com**.

If you are unable to attend PIC #2 and would like further information regarding the study, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. N. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

January 5, 2018

Ms. Megan Eplett
Management Biologist
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Ms. Eplett:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

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Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. N. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

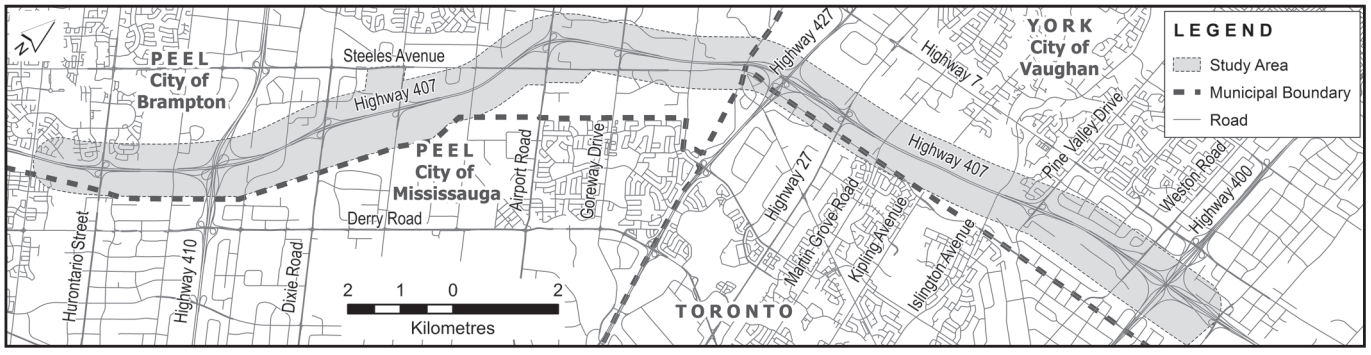
NOTICE OF PUBLIC INFORMATION CENTRE #2

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running along the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. Additional sites within the study area will also be protected in the vicinity of Hurontario Street, Kennedy Road/Tomken Road, Torbram Road, Martin Grove Road, and Weston Road. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed in accordance with the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* As part of the TPAP, an Environmental Project Report will be prepared. The study is currently in the pre-TPAP Phase. The Notice of Commencement for the formal 120-day consultation and documentation TPAP period as well as the Notice regarding the release of the final Environmental Project Report will be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

Members of the public, landowners, agencies and other interested parties are encouraged to participate actively in the study by attending consultation activities or contacting the Project Team directly with information, comments or questions. A Public Information Centre (PIC) was held in December 2016. It presented an introduction to the transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and the initially preferred alignment and station locations.

PUBLIC INFORMATION CENTRE (PIC) # 2

PIC #2 will be held at the following two locations:

Date: **January 23, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **January 25, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

PIC #2 will be an informal drop-in centre. The technically preferred route alignment and stations, potential environmental impacts and mitigation measures will be presented. MTO staff and their consultants will be on hand to answer any questions and to receive your input.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of the *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-6701 / fax: 416-235-3446
e-mail: larry.sarris@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407, Niagara Falls, ON L2E 7J7
tel: 289-294-6411
e-mail: john.mcgill@parsons.com

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244 / fax: 905-833-1255
e-mail: gkauffman@lgl.com

Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

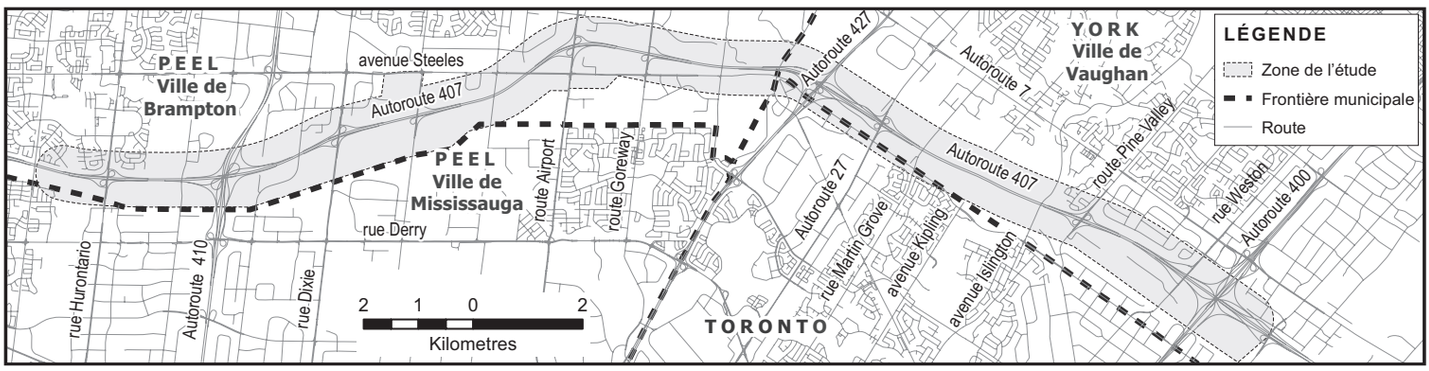
AVIS DU CENTRE D'INFORMATION N° 2

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, Ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue une étude sur la rue piétons-autobus 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. D'autres sites inclus dans la zone d'étude seront aussi protégés dans les environs des rues Hurontario, Kennedy/Tomken, Torbram, Martin Grove et Weston. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au Processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Dans le cadre de ce processus, un rapport de projet environnemental sera préparé. L'étude en est actuellement à la phase préalable au Processus d'évaluation des projets de transport en commun. L'avis de commencement pour la période officielle de consultation et de documentation de 120 jours du processus ainsi que l'avis concernant la publication du rapport de projet environnemental final seront publiés séparément dans les journaux locaux à une date ultérieure. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

Les membres du public, les propriétaires fonciers, les organismes et les autres parties intéressées sont invités à prendre part activement à l'étude en participant aux activités de consultation ou en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions. Un centre d'information public a eu lieu en décembre 2016. Durant cette séance a eu lieu une présentation de la rue piétons-autobus, des conditions existantes, des prévisions relatives à l'achalandage, des plans de service possibles, des harmonisations potentielles, des emplacements de rechange pour les stations, de l'harmonisation initiale de préférence et des emplacements des stations.

CENTRE D'INFORMATION N° 2

Le deuxième centre se tiendra aux deux emplacements suivants :

Date : **23 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **25 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information n° 2 sera un événement sans inscription. L'harmonisation des itinéraires et les stations techniquement retenues, les impacts environnementaux possibles et les mesures d'atténuation y seront présentés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et l'information concernant cette étude sont recueillis pour aider l'équipe du projet à respecter les exigences du *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

John McGill, ing., PTOE
Chargé de projet de firme de conseils
Parsons
4342, rue Queen, bureau 407
Niagara Falls (Ontario) L2E 7J7
tél. : 289 294-6411
courriel : john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
Planificateur environnementaliste principal du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-6701
téléc. : 416 235-3446
courriel : larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Ontario

Liz Speller

From: Liz Speller
Sent: February-20-18 8:20 AM
To: Liz Speller
Subject: FW: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P 14-20001

From: Kissel, Alex (MNRF) [mailto:Alex.Kissel@ontario.ca]
Sent: Tuesday, February 13, 2018 10:49 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P 14-20001

Thanks Holly, I look forwards to seeing the final EPR when circulated

Alex

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February 13, 2018 10:40 AM
To: Kissel, Alex (MNRF)
Cc: DeRose, Graham (MTO); Jawaid, Maria (MNRF); Sarris, Larry (MTO); Liz Speller; Garron, Gus; Grant Kauffman; Funnell, Emily (MNRF)
Subject: RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P 14-20001

Hello Alex,

As per Liz Speller's email below from January 11th, 2018, we are now addressing and responding to comments received by January 24th to the Draft EPR which was circulated late December/early January (noted in the email below). Comments received from all stakeholders will be included in the Final EPR.

Regards,

Holly Kerslake

407 Transitway, Consultant Project Coordinator (Parsons)
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: Thursday, January 11, 2018 10:04 AM
To: Alex.Kissel@ontario.ca; Maria.Jawaid@ontario.ca
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Grant Kauffman <gkauffman@lgl.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P 14-20001

Good morning Alex,

Thank you for your email regarding the 407 Transitway study (Hurontario Street to Highway 400) and for the additional species at risk information. Please note that, to date, we have been in contact with Steven Strong, Megan Eplett, and Adam Challice from MNRF regarding this project. We were provided with initial species at risk information from MNRF in February 2016 (see attached PDF file). This included records of Redside Dace, Butternut, Eastern Meadowlark and Barn Swallow. Information on these species at risk has been included in the Draft Environmental Project Report (and Terrestrial Ecosystems Existing Conditions and Impact Assessment Report). The record of Blanding's Turtle is new and will be added to the Final Environmental Project Report.

Please note that, in addition to the PIC#2 invitation letter, we also sent the attached email and letter to Steven Strong on December 12, 2017 to notify MNRF of the availability of the Draft Environmental Project Report for review/comment. The attached letter provides details on how to access the Draft Environmental Project Report from the project website. We kindly request that any comments on the Draft Environmental Project Report from MNRF be provided by **January 24, 2018**. Also provided in the letter is a summary of the results of the natural sciences investigation undertaken for this project, including information about species at risk.

We have updated the project contact list to include you and Maria Jawaid and you will receive all future correspondence regarding this project. Please let me know if you have any questions or require further information about this project. We look forward to receiving any comments from MNRF on the Draft Environmental Project Report.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: Kissel, Alex (MNRF) [mailto:Alex.Kissel@ontario.ca]
Sent: Wednesday, January 10, 2018 4:10 PM
To: gkauffman@lgl.com
Cc: Jawaid, Maria (MNRF) <Maria.Jawaid@ontario.ca>
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P 14-20001

Hello Grant,

The Ministry of Natural Resources and Forestry– Aurora District (MNRF) has received the Public Information Centre #2 Invitation Letter dated January 5, 2018.

MNRF may have an interest in this proposed undertaking. The study area crosses over Redside Dace habitat and is close a number of species at risk records (SAR) including; Butternut, Blanding's Turtle, Eastern Meadowlark, & Barn Swallow. MNRF understands that the Environmental Project Report has not been finalized. Please ensure these species are considered in the Environmental Project Report (EPR). In order to ensure the proposed undertaking is compliant with the Endangered Species Act, early consultation with MNR is recommended. Maria Jawaid, District Planner, will be your contact in this regard.

Sincerely,
Alex

Alexander Kissel
Management Biologist | Aurora District | Regional Operations Division | Ministry of Natural Resources and Forestry | 50 Bloomington Rd W. Aurora, ON L4G 0L8 | 905-713-7398 | alex.kissel@ontario.ca

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Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

Mr. Alexander Kissel
Management Biologist, Aurora District, Regional Operations Division
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Mr. Kissel:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you of the commencement of the TPAP period for the 407 Transitway project. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

At the end of the formal 120-day TPAP period, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you will be sent a final contact letter to inform you of opportunities to review the EPR. All information produced as part of this study is available at **www.407transitway.com**.

If you have any questions/concerns about the 407 Transitway project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

LGL Limited
environmental research associates
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Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

Ms. Maria Jawaid
District Planner
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Ms. Jawaid:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

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Yours sincerely,

LGL Limited
environmental research associates

G. N. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

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22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

Ms. Megan Eplett
Management Biologist
Ministry of Natural Resources and Forestry
50 Bloomington Road West
Aurora, Ontario
L4G 0L8

Dear Ms. Eplett:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you of the commencement of the TPAP period for the 407 Transitway project. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

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If you have any questions/concerns about the 407 Transitway project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

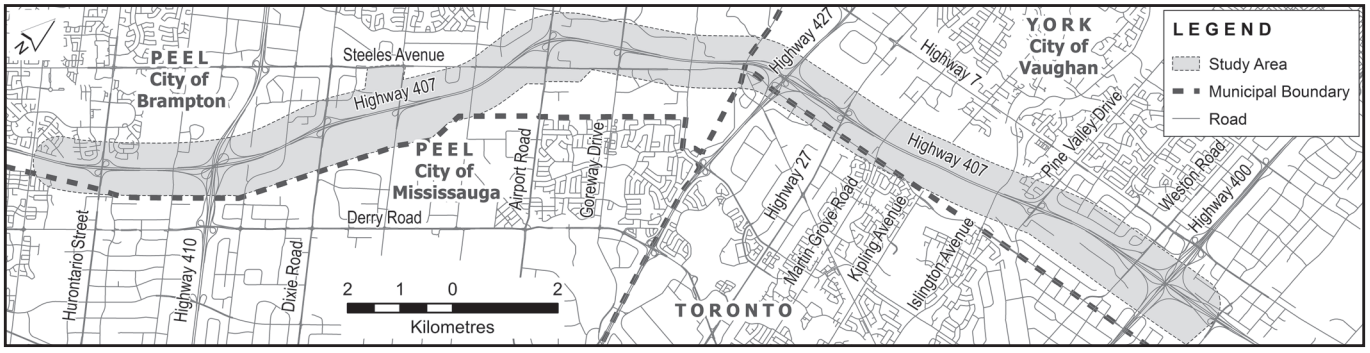
NOTICE OF COMMENCEMENT OF TRANSIT PROJECT ASSESSMENT PROCESS

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* This Notice of Commencement marks the beginning of the formal 120-day consultation and documentation TPAP period, starting **April 25, 2018,** and ending when the Notice of Completion is issued. As part of the TPAP, an Environmental Project Report is being prepared. The Notice of Completion (with information on the release of the final Environmental Project Report) will be published separately in local newspapers at the end of the 120-day period. All information produced as part of this study is available at **www.407transitway.com.**

CONSULTATION

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018. Members of the public, landowners, Indigenous Communities, agencies and other interested parties are encouraged to participate actively in the TPAP by contacting the Project Team directly with information, comments or questions.

If you would like to be added to the project mailing list, or have project-related questions, please contact any of the following Project Team members:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255
fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Chris Bishop
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9
tel: 905-917-3201
e-mail: chris.bishop@parsons.com

Larry Sarris, MCIP, RPP
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-6701
fax: 416-235-3446
e-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
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22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244
fax: 905-833-1255
e-mail: gkauffman@lgl.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act.* Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Project Officer or the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

First published on **April 25, 2018.**

Ontario

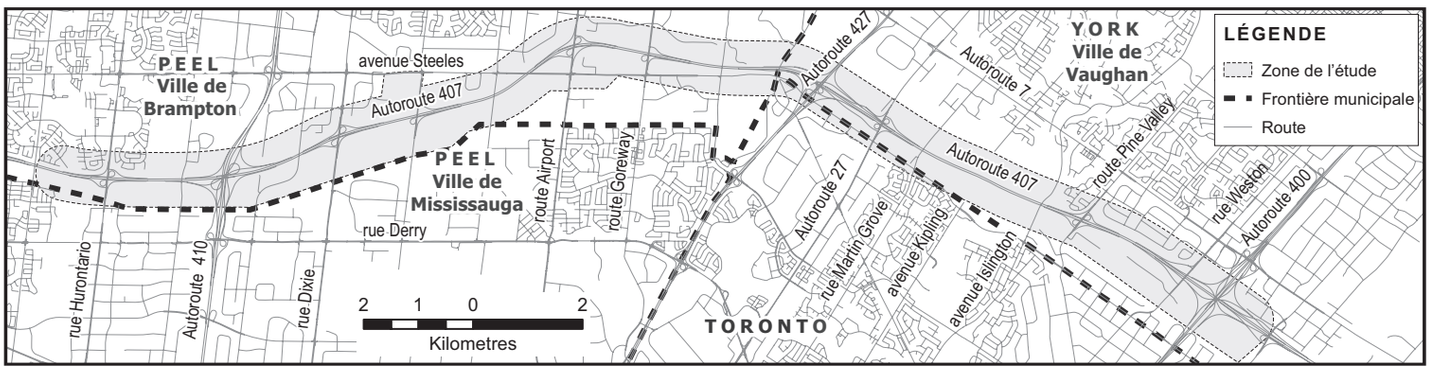
AVIS DE COMMENCEMENT DU PROCESSUS D'ÉVALUATION DES PROJETS DE TRANSPORT EN COMMUN

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario (MTO)** effectue une étude sur la rue piétons-autobus 407 à partir de l'ouest de la rue Hurontario à la frontière des villes de Brampton et de Mississauga jusqu'à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive parallèle au corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. Un certain nombre de sites supplémentaires dans la zone d'étude seront également protégés pour une compensation environnementale. Sous réserve des conclusions de l'étude, la voie réservée 407 sera mise en place d'abord comme une voie de service rapide par bus (SRB).

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Le présent avis de commencement marque le début de la période officielle de consultation et de documentation de 120 jours du processus d'évaluation des projets de transport en commun, qui aura lieu du **25 avril 2018** jusqu'à la publication de l'avis d'achèvement. Un rapport de projet environnemental sera préparé dans le cadre de ce processus. L'avis d'achèvement (qui contiendra l'information relative à la publication du rapport de projet environnemental final) sera publié séparément dans les journaux locaux à la fin de la période de 120 jours. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CONSULTATION

Jusqu'à maintenant, l'équipe du projet a fait participer activement le public, les propriétaires fonciers, les communautés autochtones et divers organismes. Depuis l'automne 2015, des assemblées ont eu lieu et des commentaires d'intervenants ont été recueillis. Deux centres d'information ont été organisés les 6 et 8 décembre 2016 et les 23 et 25 janvier 2018. Les membres du public, les propriétaires fonciers, les communautés autochtones, les organismes et les autres parties intéressées sont invités à prendre part activement au processus d'évaluation des projets de transport en commun en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions.

Si vous voulez être ajouté à la liste de distribution du projet ou si vous avez des questions à propos du projet, veuillez prendre contact avec l'un des membres de l'équipe du projet ci-dessous :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
Planificateur environnemental principal du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-6701
téléc. : 416 235-3446
courriel : larry.sarris@ontario.ca

Chris Bishop
Chargé de projet de firme de conseils
Parsons
625, promenade Cochrane, suite 500
Markham (Ontario) L3R 9R9
tél. : 905 917-3201
courriel : chris.bishop@parsons.com

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Tous les renseignements personnels inclus dans une soumission, tels que le nom, l'adresse, le numéro de téléphone et l'emplacement de la propriété, sont recueillis, conservés et divulgués par le ministère de l'Environnement et de l'Action en matière de changement climatique à des fins de transparence et de consultation. Cette information est recueillie en vertu de la *Loi sur les évaluations environnementales* ou recueillie et conservée en vue de la création d'un dossier accessible au grand public, comme cela est inscrit à l'article 37 de la *Loi sur l'accès à l'information et la protection de la vie privée.* Les renseignements personnels feront partie d'un dossier public qui sera à la disposition du grand public, sauf si vous demandez qu'ils soient tenus confidentiels. Pour de plus amples renseignements, veuillez prendre contact avec l'agent(e) de projet ou la coordonnatrice ou le coordonnateur de l'accès à l'information et de la protection de la vie privée du ministère de l'Environnement et de l'Action en matière de changement climatique au 416 327-1434. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Première publication le **25 avril 2018.**

Ontario

From:	DeRose, Graham (MTO)
To:	Kowalyk, Bohdan (MNRF)
Cc:	Heaton, Mark (MNRF); Grant Kauffman; Sarris, Larry (MTO); Bishop, Chris; Liz Speller; Kerslake, Holly; Garron, Gus
Subject:	RE: 407 Transitway from west of Hurontario St to east of Highway 400
Date:	April-26-18 9:45:14 AM
Attachments:	407 Transitway Hurontario St. to Hwy 400 MNRF Correspondence.pdf

Good Morning Bohdan,

Thank you for your email regarding the 407 Transitway study (Hurontario Street to Highway 400). Please note that, to date, we have been in contact with Alex Kissel, Maria Jawaid, Steven Strong, Megan Eplett, and Adam Challice from MNRF regarding this project. Please find attached correspondence with MNRF to date. MNRF staff have also been notified of study commencement, the two PICs held for this project and of the commencement of the TPAP.

We were provided with initial species at risk information from MNRF in February 2016 (see attached). Additional species at risk information was provided by Alex Kissel via email on January 10, 2018 (see attached). Information on species at risk has been included in the Draft Environmental Project Report (and Terrestrial Ecosystems Existing Conditions and Impact Assessment Report) for this project. The additional record of Blanding's Turtle (provided in Alex Kissel's email dated January 10, 2018) is new and will be added to the Final Environmental Project Report.

Please note that we sent an email and letter to Steven Strong on December 12, 2017 (see attached) to notify MNRF of the availability of the Draft Environmental Project Report for review/comment. This letter provides details on how to access the Draft Environmental Project Report from the project website. We requested that any comments on the Draft Environmental Project Report from MNRF be provided by January 24, 2018 and subsequently followed up with MNRF in February, 2018. The December 12, 2017 letter also provides a summary of the results of the natural sciences investigation undertaken for this project, including information about species at risk. As noted, the project team has made a commitment in the Draft Environmental Project Report to consult further with MNRF prior to construction to discuss species at risk, any potential impacts of the proposed work on species at risk, and any requirements for permitting under the Ontario ESA. Prior to construction, further field investigations will be undertaken as required for species at risk during the appropriate season using MNRF protocols to confirm presence/absence.

We have updated the project contact list to include you and Mark Heaton (as well as Alex Kissel and Maria Jawaid) and you will receive all future correspondence regarding this project. Please let me know if you have any questions or require further information about this project.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Kowalyk, Bohdan (MNRF)
Sent: April 25, 2018 12:02 PM
To: Grant Kauffman (gkauffman@lgl.com); DeRose, Graham (MTO); Sarris, Larry (MTO); chris.bishop@parsons.com
Cc: Heaton, Mark (MNRF)
Subject: 407 Transitway from west of Hurontario St to east of Highway 400

Hello,

We have received your notice of commencement of the Transit Project Assessment Process for this project. There appears to have been a screening with MNRF in February 2016, but I cannot find any further records. Can you provide your understanding of any further species at risk considerations or requirements?

Thanks,

Bohdan Kowalyk, R.P.F.
District Planner, Aurora District, Ontario Ministry of Natural Resources and Forestry
50 Bloomington Road, Aurora, Ontario L4G 0L8
Phone: 905-713-7387; Email:Bohdan.Kowalyk@Ontario.ca

MINISTRY OF TOURISM, CULTURE AND SPORT

Liz Speller

From: George Ivanoff
Sent: November-30-15 10:40 AM
To: Liz Speller
Subject: Fw: 407 Transitway from West of Hurontario Street to East of Highway 400 - MTCS Comments
Attachments: 2015-11-27 - 407 Transitway Hurontario to 400 - MTCS Comments.pdf

---

From: Minkin, Dan (MTCS) <Dan.Minkin@ontario.ca>
Sent: November 27, 2015 6:23 PM
To: George Ivanoff
Cc: DeRose, Graham (MTO)
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400 - MTCS Comments

Please see attached.

Dan Minkin
Heritage Planner
Ministry of Tourism, Culture and Sport
Culture Division | Programs and Services Branch | Culture Services Unit
401 Bay Street, Suite 1700
Toronto, Ontario M7A 0A7
Tel. 416.314.7147 | Fax. 416.314.7175

Ministry of Tourism, Culture and Sport

Culture Services Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314 7147
Fax: 416 212 1802

Ministère du Tourisme, de la Culture et du Sport

Unité des services culturels
Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto ON M7A 0A7
Tél: 416 314 7147
Téléc: 416 212 1802

Ontario

November 27, 2015 (EMAIL ONLY)

George Ivanoff, Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, ON L7B 1A6
E: givanoff@lgl.ca

RE: MTCS file #: 0003829
Proponent: Ministry of Transportation
Subject: Notice of Commencement
407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study
Location: Cities of Toronto, Brampton and Vaughan, Ontario

Dear Mr. Ivanoff:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Commencement for your project. MTCS's interest in this EA project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land-based and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources.

Please note that the *Standards and Guidelines for Conservation of Provincial Heritage Properties* (S&G), prepared pursuant to Section 25.2 of the *Ontario Heritage Act* (*OHA*), came into effect on July 1, 2010. All Ontario government ministries and public bodies that are prescribed under Ontario Regulation 157/10 must comply with the S&Gs. They apply to property that is owned or controlled by the Crown in right of Ontario or by a prescribed public body.

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Aboriginal communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Aboriginal communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources
Your EA project may impact archaeological resources and you should screen the project with the MTCS *Criteria for Evaluating Archaeological Potential* to determine if an archaeological assessment is needed. MTCS archaeological sites data are available at archaeologicalsites@ontario.ca. If your EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licenced under the *OHA*, who is responsible for submitting the report directly to MTCS for review.

Built Heritage and Cultural Heritage Landscapes
The MTCS *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes* should be completed to help determine whether your EA project may impact cultural heritage resources. The Clerks for the Cities of Toronto, Brampton and Vaughan can provide information on property registered or designated under the *Ontario Heritage Act*. Municipal Heritage Planners can also provide information that will assist you in completing the checklist. The draft *MTO Ontario Heritage Bridge Guidelines for Provincially Owned Bridges* screening criteria have also been established for cultural heritage evaluation of bridges under the Class EA for Provincial Transportation Facilities.

A Cultural Heritage Evaluation Report (CHER) is used to determine the cultural heritage value or interest of a potential Provincial Heritage Property. If potential or known heritage resources exist, MTCS recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, should be completed to assess potential project impacts. Our Ministry's *Info Sheet #5: Heritage Impact Assessments and Conservation Plans* outlines the scope of HIAs. Please send the HIA to MTCS and the Cities of Toronto, Brampton and Vaughan for review, and make it available to local organizations or individuals who have expressed interest in heritage.

Environmental Assessment Reporting
All technical heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical heritage studies will be completed for your EA project, and provide them to MTCS before issuing a Notice of Completion. If your screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MTCS on this project: please continue to do so through the EA process, and contact me for any questions or clarification.

Sincerely,

Dan Minkin
Heritage Planner
Dan.Minkin@Ontario.ca

Copied to: Graham DeRose, MTO Project Manager

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the Ontario Heritage Act and the Standards and Guidelines for Consultant Archaeologists.

If human remains are encountered, all activities must cease immediately and the local police as well as the Cemeteries Regulation Unit of the Ministry of Government and Consumer Services must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.

Liz Speller

From: CBella@asiheritage.ca
Sent: Wednesday, January 25, 2017 4:48 PM
To: lspeller@lgl.com
Cc: EBrandy@asiheritage.ca
Subject: Fw: FILED: ARCHAEOLOGICAL REPORT for P128-0151-2016 / *

Good Afternoon,

Eliza Brandy requested that I send you acknowledgement from the Ministry of Tourism, Culture and Sport of the submission of the 407 Transitway (Hurontario to Highway 400) report. As you can see below it was submitted on January 16, 2017, it has gone through the initial processing and it has been filed with the Ministry and is now ready to be reviewed by a Ministry Archaeological Review Officer.

Should you have any questions, please do not hesitate to contact me.

Regards,

Carol

Carol Bella, BA (Hon)
Research Archaeologist • Administrative Assistant

ASI • Providing Archaeological & Cultural Heritage Services
CBella@asiheritage.ca • 416 966 1069 x 277 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

----- Forwarded by Carol Bella/iASI on 01/25/2017 04:41 PM -----

From: Katie Hull/iASI
To: Carol Bella/iASI@iASI
Date: 01/25/2017 04:27 PM
Subject: Fw: FILED: ARCHAEOLOGICAL REPORT for P128-0151-2016 / *

FYI

Katherine Hull, PhD
Partner • Director, Cultural Heritage Division

ASI • Providing Archaeological & Cultural Heritage Services
KHull@asiheritage.ca • 416 847 0215 x 232 • Fax: 416 966 9723
83 Harbord Street, Toronto, Ontario, M5S 1G4 • asiheritage.ca

----- Forwarded by Katie Hull/iASI on 01/25/2017 04:27 PM -----

From: pastport <pastport@ontario.ca>
To: <KHull@asiheritage.ca>
Cc: <PastPort@ontario.ca>
Date: 01/25/2017 03:35 PM
Subject: FILED: ARCHAEOLOGICAL REPORT for P128-0151-2016 / *

Dear Katherine Hull,

The ministry has screened the project report package for P128-0151-2016 that you submitted on Jan 16, 2017 for completeness.

The package is complete and the report is now considered 'filed' with the ministry.

Next, we will either add it to our queue to be reviewed or enter it into the register without technical review.

Please do not reply to this e-mail. The message will be undeliverable and we are unable to respond from this address.

If you have any questions about this report email us at: Archaeology@ontario.ca

Thank you,

Crystal Forrest

crystal.forrest@ontario.ca

Visit www.asiheritage.ca to learn more about ASI: Ontario's largest archaeological and cultural heritage consulting firm.

Follow ASI on: Facebook | Twitter | LinkedIn | Instagram | YouTube

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Liz Speller

From: pastport <pastport@ontario.ca>
Sent: Wednesday, April 19, 2017 3:14 PM
To: KHull@asiheritage.ca
Cc: graham.derose@ontario.ca; lspeller@lgl.com; PastPort@ontario.ca
Subject: ENTERED INTO REGISTER: Archaeological Report for P128-0151-2016 / *
Attachments: ENTERED INTO REGISTER Archaeological Report for P128-0151-2016.pdf

Dear Katherine Hull,

The ministry has reviewed the Revised report for PIF P128-0151-2016 submitted by you as a condition of your licence.

This report has been deemed compliant with ministry requirements for archaeological fieldwork and reporting. It has been entered into the *Ontario Public Register of Archaeological Reports.* Please refer to the attached letter to see the result of this review.

Note: the ministry makes no representation or warrant as to the completeness, accuracy or quality of reports in the register.

Development proponents and approval authorities: the Ontario Ministry of Tourism, Culture and Sport has copied you on this email as you have been identified by the consultant archaeologist as either the proponent or approval authority for this project.

Please **do not** reply to this e-mail. The message will be undeliverable and we are unable to respond from this address.

If you have any questions about this report email us at: Archaeology@ontario.ca

Thank you,

Andrea Williams

Andrea.Williams@ontario.ca

Ministry of Tourism, Culture and Sport

Archaeology Programs Unit
Programs and Services Branch
Culture Division
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel.: (416) 314-2120
Email: Andrea.Williams@ontario.ca

Ministère du Tourisme, de la Culture et du Sport

Unité des programmes d'archéologie
Direction des programmes et des services
Division de culture
401, rue Bay, bureau 1700
Toronto ON M7A 0A7
Tél. : (416) 314-2120
Email: Andrea.Williams@ontario.ca

Ontario

Apr 19, 2017

Katherine Hull (P128)
ASI Archaeological and Cultural Heritage Services
528 Bathurst Toronto ON M5S 2P9

RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1 Archaeological Assessment 407 Transitway, West of Hurontario Street to East of Highway 400, Cities of Vaughan, Mississauga, & Brampton, Regional Municipalities of Peel, York & Toronto", Dated Mar 27, 2017, Filed with MTCS Toronto Office on Apr 4, 2017, MTCS Project Information Form Number P128-0151-2016, MTCS File Number 407H052

Dear Dr. Hull:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18.[1] This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 Standards and Guidelines for Consultant Archaeologists set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the assessment of the study area as depicted in Figures 11 to 18 of the above titled report and recommends the following:

1. Parts of the 407 Transitway West Project Limits retain archaeological potential. These lands must be subject to test pit survey or pedestrian survey, both at five metre intervals, where appropriate, prior to any proposed impacts by the project;

2. The James Cracker site (AjGw-490) is located within the Project Limits and has been documented to retain further CHVI. This site requires Stage 3 site-specific assessment to determine the nature and extent of the cultural deposits, prior to any proposed impacts to the site;

3. The ROW site (AkGv-121) is located within the Project Limits and has been documented to retain further CHVI. This site requires Stage 3 site-specific assessment to determine the nature and extent of the cultural deposits, prior to any proposed impacts to the site;

4. The remainder of the Project Limits is documented to have been subject to previous archaeological

assessment or does not retain archaeological potential on account of deep and extensive land disturbance, low and wet conditions. These lands do not require further archaeological assessment; and,

5. Should the proposed work extend beyond the current Project Limits then further Stage 1 archaeological assessment should be conducted to determine the archaeological potential of the surrounding lands.

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 Standards and Guidelines for Consultant Archaeologists and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Andrea Williams
Archaeology Review Officer

cc. Archaeology Licensing Officer
Liz Speller,LGL Limited
Graham DeRose,Ministry of Transportation

[1]In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.

From:	Liz Speller
To:	"Dan.Minkin@ontario.ca"
Cc:	DeRose, Graham (MTO); "Sarris, Larry (MTO)"; Seibert, Jeffrey David (MTO); Garron, Gus; Kerslake, Holly; Liz Speller
Subject:	407 Transitway from Hurontario Street to Highway 400, TPAP GWP 14-20001 - Completion of Heritage Technical Reports
Date:	July-09-18 1:16:00 PM
Attachments:	407 Transitway West MTCS Letter July 9, 2018.pdf Notice of Commencement of TPAP Letter.pdf MTCS Letter November 27, 2015.pdf

Good afternoon Mr. Minkin,

Please find attached a letter regarding MTO's 407 Transitway study from west of Hurontario Street to east of Highway 400. Please see the links below for the Cultural Heritage Resource Assessment and the eight Cultural Heritage Evaluation Reports that have been completed for this study.

CHRA: https://www.dropbox.com/s/suxa281zb7jujbt/407%20Transitway%20Final%20CHRA%2028June2018.pdf?dl=0

BHR 15:
https://www.dropbox.com/s/24m5hufbl7gwncn/407%20TW3%20BHR%2015%20%202158%20Codlin%20Final%20CHER.pdf?dl=0

BHR 17:
https://www.dropbox.com/s/8tnjrem5xlbkdwb/407%20TW3%20BHR%2017%20%202150%20Codlin%20Final%20CHER.pdf?dl=0

BHR 19:
https://www.dropbox.com/s/1qlp4972yeoai1p/407%20TW3%20BHR%2019%20%202140%20Codlin%20Final%20CHER.pdf?dl=0

BHR 21: https://www.dropbox.com/s/s4gqpikyv2002r6/407%20TW3%20BHR%2021%202128%20Codlin%20Final%20CHER.pdf?dl=0

CHL 1: https://www.dropbox.com/s/l0sn1yhz3lkwtoi/407%20TW3%20CHL%201%20Humber%20River%20Final%20CHER.pdf?dl=0

CHL 5: https://www.dropbox.com/s/gsxdz60ql213fga/407%20TW3%20CHL%205%207385%20Farmhouse%20Final%20CHER.pdf?dl=0

CHL 7:
https://www.dropbox.com/s/ahgioxzmmtwh63a/407%20TW3%20CHL%207%207324%20Kennedy%20Road%20Final%20CHER.pdf?dl=0

CHL 15: https://www.dropbox.com/s/xj78hc9exfyt3e5/407%20TW3%20CHL%2015%20Claireville%20CHER%207Feb2018.pdf?dl=0

If you have any questions or concerns about the 407 Transitway study, or require any further information, please let me know.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

July 9, 2018 Sent via e-mail: Dan.Minkin@ontario.ca

Mr. Dan Minkin
Heritage Planner
Ministry of Tourism, Culture and Sport
Culture Services Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto, Ontario
M7A 0A7

Dear Mr. Minkin:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Completion of Heritage Technical Reports

Further to our letter dated April 17, 2018 (attached), the commencement of the 120-day Consultation and Documentation review period under the Transit Project Assessment Process (TPAP) for the above noted 407 Transitway study began on April 25, 2018. As per the request in your letter dated November 27, 2015 (attached), we would like to inform you that a Cultural Heritage Resource Assessment (CHRA) as well as eight Cultural Heritage Evaluation Reports (CHERs) have been completed for this study, and links to each of these nine reports are provided in my email. The CHRA was made available to local and regional municipalities for review/comment and the CHERs were distributed to the required local municipalities (City of Brampton, Vaughan and Toronto) and to Infrastructure Ontario. All comments received from the municipalities on the technical reports have been addressed. The CHERs determined that no Heritage Impact Assessments were required.

Please note that the Stage 1 Archaeological Assessment Report for this study was submitted to MTCS for review/filling on January 16, 2017. MTCS confirmed on April 19, 2017 that the Stage 1 Archaeological Assessment Report had been reviewed and deemed compliant with Ministry requirements for archaeological fieldwork and reporting, and was entered into the *Ontario Public Register of Archaeological Reports*. The Stage 2 Archaeological Assessment Report will be submitted to MTCS upon completion.

Please also note that Indigenous Communities have been kept informed throughout the study, and were provided with the opportunity to review the Draft Environmental Project Report (EPR) and available technical reports in December 2017.

At the end of the formal 120-day TPAP period, the final EPR documenting the results of the TPAP will be released for agency/stakeholder and public review. The technical heritage and archaeological reports will also be included in the final EPR. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you will be sent a final contact letter to inform you of opportunities to review the final EPR. The final EPR will also be posted on the project website at **www.407transitway.com**.

If you have any questions/concerns about the 407 Transitway project or require any further information, please contact the undersigned at 905-833-1244 or via email at lspeller@lgl.com.

Yours sincerely,

LGL Limited
environmental research associates

Elizabeth Speller
Senior Environmental Planner

Encl. - Letters dated November 27, 2015 and April 17, 2018
- Cultural Heritage Resource Assessment
- Eight Cultural Heritage Evaluation Reports (for BHRs 15, 17, 19 and 21 and CHLs 1, 5, 7 and 15)

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
Gus Garron, Consultant Project Manager, Parsons

INFRASTRUCTURE ONTARIO

From: Iannetta, Matthew (IO) [mailto:Matthew.Iannetta@infrastructureontario.ca]
Sent: November-04-15 9:48 AM
To: George Ivanoff <givanoff@lgl.ca>; 'kingcity@lgl.com'< kingcity@lgl.com>
Subject: IO Notice: 407 Transitway from West of Hurontario Street to East of Highway 400

Hello,

Please review attached on behalf of Lisa Myslicki.

Thank you,

Matthew Iannetta
Environmental Associate
Infrastructure Ontario
1 Dundas St. West, Suite 2000
Toronto, Ontario M5G 2L5
(416)-327-6921

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Ontario
Infrastructure Ontario

One Dundas Street West, Suite 2000, Toronto, ON M5G 2L5
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 2L5

November 4th 2015

To whom it may concern,

Thank you for circulating Infrastructure Ontario (IO) on your Notice. Infrastructure Ontario is the strategic manager of the provincial government's real estate with a mandate of maintaining and optimizing value of the portfolio while ensuring real estate decisions reflect public policy objectives of the government.

As you may be aware, *IO is responsible for managing property that is owned by Her Majesty the Queen in Right of Ontario as represented by the Minister of Economic Development, Employment and Infrastructure (MEDEI) formerly known as the Ministry of Infrastructure (MOI).* There is a potential that IO manages lands fall within your study area. As a result, your proposal may impact IO managed properties and/or the activities of tenants present on IO-managed properties. In order to determine if IO property is within your study area, IO requires that the proponent of the project conduct a title search by reviewing parcel register(s) for adjoining lands, to determine the extent of ownership by MEDEI or its predecessor's ownership (listed below). Please contact IO if any ownership of provincial government lands are known to occur within your study area and are proposed to be impacted. IO managed land can ***include within the title but is not limited to*** variations of the following: Her Majesty the Queen/King, OLC, ORC, Public Works, Hydro One, PIR, MGS, MBS, MOI, MTO, MNR and MEI*. Please ensure that a copy of your notice is also sent to the ministry/agency on title. As an example, if the study area includes a Provincial Park, then MNR is to also to be circulated notices related to your project.

IO obligates proponents to complete all due diligence for any realty activity on IO managed lands and this should be incorporated into all project timelines.

Potential Negative Impacts to IO Tenants and Lands

General Impacts
Negative environmental impacts associated with the project design and construction, such as the potential for dewatering, dust, noise and vibration impacts, impacts to natural heritage features/habitat and functions, etc should be avoided and/or appropriately mitigated in accordance with applicable regulations best practices as well as Ministry of Natural Resources and Forestry (MNRF) and Ministry of the Environment and Climate Change (MOECC) standards. Avoidance and mitigation options that characterize baseline conditions and quantify the potential impacts should be present as part of the EA project file. Details of appropriate mitigation, contingency plans and triggers for implementing contingency plans should also be present.

Impacts to Land holdings
Negative impacts to land holdings, such as the taking of developable parcels of IO managed land or fragmentation of utility or transportation corridors, should be avoided. If the potential for such impacts is present as part of this undertaking, you should contact the undersigned to discuss these issues at the earliest possible stage of your study.

If takings are suggested as part of any alternative, these should be appropriately mapped and quantified within the EA report documentation. In addition, details of appropriate mitigation and or next steps related to compensation for any required takings should be present. IO requests circulation of the draft EA report prior to finalization if potential impacts to IO-managed lands are present as part of this study.

416.327.3937 416.327.1906 info@infrastructureontario.ca www.infrastructureontario.ca

Ontario
Infrastructure Ontario

One Dundas Street West, Suite 2000, Toronto, ON M5G 2L5
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 2L5

Impacts to Cultural Heritage
Should the proposed activities impact cultural heritage features on IO managed lands, a request to examine cultural heritage features, which can include cultural landscapes, built heritage, and archaeological potential and/or sites, could be required. If the potential for such impacts is present as part of this undertaking, you should contact the undersigned to discuss these issues at the earliest possible stage of your study.

Potential Triggers Related to MEDEI's Class EA
IO is required to follow the MOI Public Work Class Environmental Assessment Process (PW Class EA). The PW Class EA applies to a wide range of realty and planning activities including leasing or letting, planning approvals, disposition, granting of easements, demolition and property maintenance/repair. For details on the PW Class EA please visit the Environment and Heritage page of our website found at

http://www.infrastructureontario.ca/Templates/Buildings.aspx?id=2147490336&langtype=1033

Please note that completion of any EA process does not provide an approval for MEDEI's Class EA obligations. Class EA processes are developed and in place to assess undertakings associated with different types of projects. For example, assessing the impacts of disposing of land from the public portfolio is significantly different then assessing the best location for a proposed road.

IO is providing this information so that adequate timelines and project budgets can consider MEDEI's regulatory requirements associated with a proposed realty activity in support of a project. Some due diligence processes and studies can be streamlined. For example, prior to any disposition of land, at minimum a Phase I Environmental Site Assessment and a Stage I Archaeological Assessment and the MEDEI Category B Environmental Assessment should be undertaken. Deficiencies in any of these requirements could result in substantial project delays and increased project costs.

In summary, the purchase of MEDEI-owned/IO-managed lands or disposal of rights and responsibilities (e.g. easement) for IO-managed lands triggers the application of the MEDEI Class EA. If any of these realty activities affecting IO-managed lands are being proposed as part of any alternative, please contact the Sales, Easements and Acquisitions Group through IO's main line (Phone: 416-327-3937, Toll Free: 1-877-863-9672), and also contact the undersigned at your earliest convenience to discuss next steps.

Specific Comments

Please remove IO from your circulation list, with respect to this project, if MEDEI owned lands are not anticipated to be impacted. In addition, in the future, please send only **electronic copies of notices** for any projects impacting IO managed lands to:
Keith.Noronha@infrastructureontario.ca

Thank you for the opportunity to provide initial comments on this undertaking. If you have any questions I can be reached at the contacts below.

Sincerely,

Lisa Myslicki
Environmental Advisor, Environmental Management
Infrastructure Ontario
1 Dundas Street West,
Suite 2000, Toronto, Ontario
M5G 2L5
(416) 212-3768
lisa.myslicki@infrastructureontario.ca

* Below are the acronyms for agencies/ministries listed in the above letter

OLC	Ontario Lands Corporation
ORC	Ontario Realty Corporation
PIR	Public Infrastructure and Renewal
MGS	Ministry of Government Services
MBS	Management Board and Secretariat
MOI	Ministry of Infrastructure
MTO	Ministry of Transportation
MNR	Ministry of Natural Resources
MEI	Ministry of Energy and Infrastructure

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: December-01-15 1:04 PM
To: Elizabeth Speller
Subject: FW: 407 Transitway - Hurontario to 400 Planning and Preliminary Design Study
Attachments: Scanned from a Xerox multifunction device001.pdf

------Original Message-----
From: Reed, Peter (IO) [mailto:Peter.Reed@infrastructureontario.ca]
Sent: November-27-15 11:31 AM
To: George Ivanoff <givanoff@lgl.ca>
Subject: 407 Transitway - Hurontario to 400 Planning and Preliminary Design Study

Hello George,

Please find attached a completed form from your notice indicating our desire to be informed and involved in the study as it moves forward, given that Infrastructure Ontario manages a significant amount of land in the study area.

Best regards,
Peter

Peter Reed, MCIP, RPP
Director, Land Use Planning

Infrastructure Ontario
Development Planning, Realty Portfolio Planning One Dundas Street West, Suite 2000 Toronto ON M5G 2L5

www.infrastructureontario.ca

T: 416.326.0904
F: 416.327.4194

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Peter Reed
Manager, Land Use Planning
Ministry of Economic Development,
Employment and Infrastructure →
1 Dundas Street West
Suite 2000
Toronto, Ontario
M5G 2L5

Update contact information if necessary

PETER REED
DIRECTOR, LAND USE PLANNING
INFRASTRUCTURE ONTARIO
1 DUNDAS ST W, SUITE 2000
TORONTO, ON
M5G 2L5

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress.	✓
I have no concerns about the study and I can be removed from your contact list.	
I will be commenting on this study by the date specified.	
I will be providing background information related to this study by the date specified.	
I am interested in receiving the following additional information about the study:	✓

INFORMATION ON PROPOSED ALIGNMENTS, REQUIRED R.O.W. AND ANY OTHER PROPERTY-IMPACTING ELEMENTS AS THEY BECOME AVAILABLE.

THANKS,
Peter

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: Liz Speller
Sent: January-10-18 3:13 PM
To: Liz Speller
Subject: FW: EA Materials - 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2

From: Kerslake, Holly
Sent: Friday, December 15, 2017 2:00 PM
To: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: EA Materials - 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2

Hi Ernest!

The EPR is currently just being uploaded to the website, an email with download instructions will be circulated within the next hour or two.

Thanks for following up!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Abraham, Ernest (IO) [mailto:Ernest.Abraham@infrastructureontario.ca]
Sent: Friday, December 15, 2017 1:57 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: EA Materials - 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2

Hi Holly/Graham,

I recall from last week's meeting (407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2), that the group would be sent (by the end of this week) the EA materials for review and feedback. I didn't receive the materials so I wanted to check if the materials had been sent out or not.

Thanks,
Ernest

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000

Toronto ON M5G 2L5

www.infrastructureontario.ca[infrastructureontario.ca]

Office: 416.326.1243
Mobile: 416.709.5763
Fax: 416.327.4194

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Liz Speller

From: Liz Speller
Sent: June-29-18 8:37 AM
To: Liz Speller
Subject: FW: MTO Letter - Hurontario LRT OMSF Property
Attachments: MTO Letter to IO - HuLRT Lands and Easement Jan 16 2018 SIGNED.pdf

Importance: High

From: Grobel, Lukasz (MTO)
Sent: January 16, 2018 5:19 PM
To: Kelly, Rita (IO)
Cc: Grace, Patrick (IO); Kulathinal, Rina (MTO); DeRose, Graham (MTO); Firmani, Adrian (MTO); Sarris, Larry (MTO); Javier Mena Diep; Ian Sidey; Makael Kakakhel
Subject: MTO Letter - Hurontario LRT OMSF Property

Good Afternoon Rita,

Please see the attached letter from MTO regarding the Hurontario LRT – OMSF Lands. This letter confirms that MTO now agrees to transferring the lands and granting an easement as identified in Appendix A.

Thanks,

Lukasz Grobel, P.Eng.
Senior Project Engineer
Route Planning and Transit Initiatives
Planning and Design Section
Ministry of Transportation
159 Sir William Hearst Avenue
Toronto, Ontario, M3M 0B7
T - 416.235.5616

Ministry of
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Ministère des
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Région du Centre
159, avenue Sir William Hearst
Toronto, Ontario
Tél.: (416) 235-5255

Ontario

January 16, 2018

Rita Kelly
Infrastructure Ontario (IO)
1 Dundas Street West, Suite
2000 Toronto, ON
M5G 2L5

Dear Ms. Kelly:

RE: Metrolinx Application to Acquire Fee Simple Lands and a Permanent Easement on Part of PIN 140291352 (LT) N72199/P65567, City of Brampton

This letter will confirm the Ministry of Transportation (MTO) is aware of Metrolinx's (MX) Application to Acquire Fee Simple lands and a Permanent Easement on Part of PIN 14029-1352 (LT), IO's property reference of N72199/P65567, located in the City of Brampton for the proposed Hurontario-LRT Operations, Maintenance & Storage Facility (OMSF) yard.

With respect to the 407 Transitway EA assignment (from west of Hurontario to west of Highway 400), MTO has reviewed the location of the proposed OMSF and spur line requirements for access to the OMSF, as depicted in the attached drawing that forms part of the Application (RTI-HUL- PR122).

- The planned 407 Transitway alignment and the location of the Permanent Easement for MX's access road will require the construction of a retaining wall between the two facilities in the future. MTO will undertake the design / construction of the retaining wall prior to implementation of the 407 Transitway.

  To accommodate construction of the OMSF, MX will need to construct an 'interim' drainage facility on Provincial lands, outside of the requested Fee Simple Lands. MX will need to obtain a Permission to Enter and Construct (PTE) as well as MTO permits related to constructing this interim drainage facility. Upon implementation of the 407 Transitway, MX will be required to obtain a PTE / permits to construct a permanent drainage facility that accommodates the planned 407 Transitway, while not impacting the OMSF, on Provincial Lands.

As a result of recent conditions agreed to between the respective MTO and MX HuLRT project teams, MTO's project team has no objections to the Ministry of Infrastructure (MOI) transferring the lands (fee simple) and granting an easement to MX.

Sincerely,

Lukasz Grobel, P.Eng.
Ministry of Transportation, Central Region
Senior Project Engineer
Route Planning & Transit Initiatives

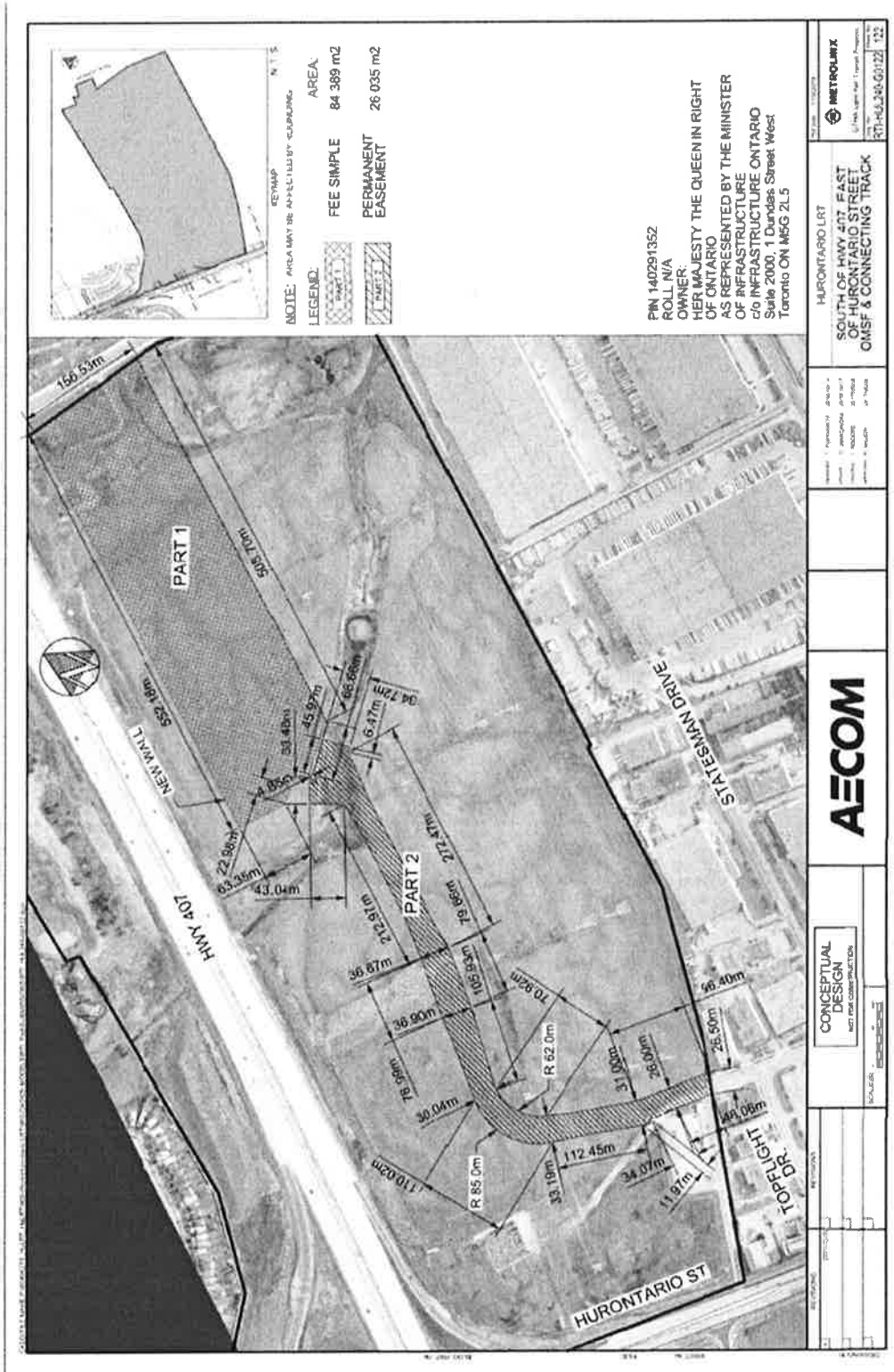
Attachments:

Appendix A: Metrolinx Conceptual Design prepared by AECOM
Appendix B: Conditions agreed upon between MTO and Metrolinx HuLRT Project Teams

cc: R. Kulathinal, MTO, Area Manager, Route Planning & Transit Initiatives
G. DeRose, MTO, Project Manager, Route Planning & Transit Initiatives
A. Firmani, MTO, Transportation Planner, Route Planning & Transit Initiatives
L. Sarris, MTO, Environmental Planner, Environmental Section
J. Mena-Diep, Metrolinx, Senior Project Manager, Hurontario LRT
I. Sidey, Metrolinx, Manager, Hurontario LRT
M. Kakakhel, Metrolinx, Manager, Hurontario LRT

Appendix A

Metrolinx Conceptual Design prepared by AECOM



Appendix B

Conditions agreed upon between MTO and Metrolinx HuLRT Project Teams

Ministry of Transportation

Regional Director's Office
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Ministère des Transports

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Région du Centre
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Téléc. : 416 235-5266

Ontario

January 9, 2018

Delivered by Email

Darshpreet Bhatti
Director, Hurontario Light Rail Transit
Program Management
Capital Projects Group
Metrolinx
201 City Centre Drive,
Suite 608
Mississauga, ON L5B 2T4

Dear Darshpreet:

Re: Hurontario LRT Operations, Maintenance & Storage Facility (OMSF) Yard and the 407 Transitway

This letter outlines the conditions agreed upon between Ministry of Transportation (MTO) and Metrolinx (MX) for the Metrolinx Application to Infrastructure Ontario to acquire Fee Simple Lands and a Permanent Easement on Part of PIN 140291352 (LT) N72199/P65567.

As a result of proposed works for the Hurontario LRT (HuLRT) OMSF Yard, the Project Teams have identified the following conflicts with the 407 Transitway:

- Due to close proximity, the planned 407 Transitway alignment and the location of the Permanent Easement for MX's spur line access road will require further design mitigation between the two facilities.
- The Etobicoke Creek tributary that is required to be relocated on Provincial property upon construction of the OMSF will be in direct conflict with the alignment of the 407 Transitway.

The sections below identify the responsibilities of MTO and MX in addressing the conflicts which have been identified based on the current OMSF and Transitway designs. It is recognized that should future changes to the Transitway or HuLRT designs alleviate some, or all, of the conflicts then MTO and MX responsibilities may also change.

...2/

Permanent Easement for the Spur Line Access Road

Upon implementation of the 407 Transitway, MTO is responsible for the design and construction of any mitigation features (e.g.; retaining wall, or any similar feature), required to accommodate the Transitway adjacent to the HuLRT OMSF spur line access road. MTO will bear all costs associated with the design and construction of this work.

Temporary Construction Easement for Retaining Wall

A planned retaining wall to the North side of the Fee Simple property line may require a temporary easement to facilitate its construction and/or maintenance. MX agrees to work with Infrastructure Ontario and MTO to obtain a Permission to Enter and Construct (PTE), the appropriate permits and/or a temporary easement for this purpose as required.

Relocated Etobicoke Creek Tributary

To facilitate the MX HuLRT project, in advance of constructing the 407 Transitway, MTO agrees that an interim drainage solution can be implemented on Provincial Lands subject to the following:

- The interim solution consists of constructing a new ditch to convey flow from the existing watercourse to accommodate the OMSF.
- MX is responsible for funding, design and construction of the interim drainage solution within Provincial lands.
- MX agrees to obtain a Permission to Enter and Construct (PTE) and the appropriate permits from the province, prior to construction of the ditch. MTO will endeavor to provide the appropriate permits in a timely manner.

MX confirms its commitment to continue working with MTO to ensure a feasible permanent drainage solution is jointly developed and protected for the future 407 Transitway located adjacent to the OMSF site.

MX agrees to provide adequate drainage mitigation prior to the 407 Transitway construction commencement, which could include replacing the interim ditch with a culvert, subject to the following:

- The design meets all applicable MTO design standards and specifications.
- The proposed permanent solution will be coordinated with the 407 Transitway design and will accommodate the 407 Transitway drainage as it relates to the realigned ditch.
- MX is responsible for funding, and, as mutually agreed at the time the 407 Transitway is implemented, design and construct the permanent drainage solution within Provincial lands.

...3/

- MX agrees to obtain a Permission to Enter and Construct (PTE) and the appropriate permits from the province prior to construction of the permanent drainage solution. MTO will endeavor to provide the appropriate permits in a timely manner.

MX understands that if implementation of the 407 Transitway occurs during the construction, or during the concession period, of the HuLRT project, then MX will coordinate with Project Co. to implement the agreed upon permanent drainage solution prior to construction of the 407 Transitway in accordance with the terms of this letter. This signed document reflects the MX HuLRT project team's commitment to assume responsibility to ensure no increase to schedule/cost risk to MTO's future drainage mitigation at this location as a result of the implementation of the HuLRT.

I trust the above is consistent with the recent discussions between our respective project teams. If so, please sign below and a signed copy will accompany our letter to Infrastructure Ontario informing them that we will not oppose release of the lands being requested by Mx for this project at this location.

Sincerely,

Teepu Khawja, B.Sc., M.B.A.
Regional Director

Darshpreet S. Bhatti, P.Eng.
Director, Hurontario Light Rail
Metrolinx

Dated: Jan 15, 2018

Liz Speller

From: Liz Speller
Sent: June-29-18 8:42 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Reports

Importance: High

From: Liz Speller
Sent: February-12-18 4:38 PM
To: 'Jordan.Erasmus@infrastructureontario.ca' <Jordan.Erasmus@infrastructureontario.ca>
Cc: 'Ernest.Abraham@infrastructureontario.ca' <Ernest.Abraham@infrastructureontario.ca>; 'Patrick.Grace@infrastructureontario.ca' <Patrick.Grace@infrastructureontario.ca>; 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; 'Garron, Gus' <Gus.Garron@parsons.com>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Wong, Winston L (MTO) <WinstonL.Wong@ontario.ca>
Subject: 407 Transitway (Hurontario Street to Highway 400) - Cultural Heritage Evaluation Reports
Importance: High

Good afternoon Jordan,

As noted in the Draft Environmental Project Report for the 407 Transitway project (Hurontario Street to Highway 400), Cultural Heritage Evaluation Reports (CHERs) were required to be completed for a number of cultural heritage resources located in the vicinity of the study area. The CHERs have now been completed. Please see below, for IO's files/records, the links to the following three CHERs completed for properties located on land owned by IO:

CHL 1 (Humber River):

https://www.dropbox.com/s/w2sbjyxvc0rf7bo/407%20TW3%20CHL%201%20Humber%20River%20CHER_31Jan2018.pdf?dl=0

CHL 5 (7385 Farmhouse Court):

https://www.dropbox.com/s/6bqn63kepx8aojd/407%20TW3%20CHL%205%207385%20Farmhouse%20CHER%2012Feb2018.pdf?dl=0

CHL 7 (7324 Kennedy Road):

https://www.dropbox.com/s/tway3rhbrq2ylkn/407%20TW3%20CHL%207%207324%20Kennedy%20Road%20CHER%205Feb2018.pdf?dl=0

Please also note that the property at 7324 Kennedy Road was included in the Cultural Heritage Resource Assessment (Appendix G of the Draft Environmental Project Report) as CHL 7 but was incorrectly identified as being located at 7145 Kennedy Road. The Cultural Heritage Resource Assessment has been updated accordingly (with CHL 7 now identified as the property at 7324 Kennedy Road). Please see below the link to the updated Cultural Heritage Resource Assessment for your files.

https://www.dropbox.com/s/1n4dn1hdxwqzz0t/407%20TW3%20CHRA%20Final_5Feb2018.pdf?dl=0

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

Liz Speller

From: Liz Speller
Sent: June-29-18 8:55 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: June-07-18 1:46 PM
To: Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>
Cc: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

Hello Jordan,

To answer your follow-up question, if new sites were identified by IO and agreed upon by MTO after the EPR is approved, it would require an EPR Addendum under the TPAP (*Ontario Reg. 231/08*) process. The Addendum would be considered significant and the proponent would have to justify the change, including evaluating impacts to the change on the environment and prescribed mitigation measures. Any new sites would only be considered by MTO on a case-by-case basis.

The Addendum would have to be published for a 30-day review period including notification to the regulatory agencies, property owners and Indigenous Communities.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Erasmus, Jordan (IO) [mailto:Jordan.Erasmus@infrastructureontario.ca]
Sent: June 5, 2018 9:30 AM
To: DeRose, Graham (MTO)
Cc: Abraham, Ernest (IO); Midgley, Scott (IO); Warson, Jeremy (IO); Sarris, Larry (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

Thanks Graham, this is helpful

A follow up question – if IO/MTO were to jointly identify acceptable alternative compensation site(s) in the future, after approval of the EPR, what mechanism could be used to substitute the new site? Would an amendment to the EPR be required? Or could a substitution be made 'informally' if everyone is in agreement (followed by a release of MTO's interest in the property, in the event that IO were to circulate it in the future)?

Thanks again,
Jordan

Jordan Erasmus
Sr. Planner
416-212-4874

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Monday, May 28, 2018 10:32 AM
To: Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>
Cc: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

Hello Jordan,

Here is a brief description from MTO's Environmental Planner on the need/requirements for protection Compensation Lands as part of the 407 Transitway EA study (similar to all MTO preliminary design study):

> Ontario Regulation 231/08 notes matters that are relevant in determining provincial importance. These matters include extirpated, endangered, threatened, or species of special concern and their habitat, wetlands woodlands, habitat of wildlife or other natural heritage features, among others. Since the transitway project may potentially impact several of the above noted features, the project team, through discussions with regulatory agencies, have committed to acceptable measures (e.g., environmental compensation lands) that can be adopted in order to prevent and/or mitigate potential negative environmental impacts. Thus, making the commitment to secure lands for future compensation specific to matters of provincial interest ensures the proponent will obtain approval (for this EPR) under the Ont. Reg 231/08 legislation.

There are countless MTO project examples where lands have had to be purchased before construction for compensation purposes because not enough was protected during the design phase. In this case the lands are already owned by the Province and can be protected for the overall project needs. The exact amount of lands required for compensation will be determined at the pre-implementation and construction phase of the project following receipt of all required agency permits and approvals.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Erasmus, Jordan (IO) [mailto:Jordan.Erasmus@infrastructureontario.ca]
Sent: May 25, 2018 4:07 PM
To: DeRose, Graham (MTO)
Cc: Abraham, Ernest (IO); Midgley, Scott (IO); Warson, Jeremy (IO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

Hi Graham,

Could you clarify something for me – are you required to include the identification of compensation lands in the EPR? Does O. Reg 231/08 provide this direction? Or is the project team electing to identify compensation lands as one of a variety of potential mitigation measures?

Thanks,
Jordan

Jordan Erasmus
Sr. Planner
416-212-4874

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Friday, May 25, 2018 3:37 PM
To: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>; Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>; Liz Speller <lspeller@lgl.ca>; Bishop, Chris <Chris.Bishop@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

Hello Ernest,

Thank you for your email. The 407 Transitway project team has now discussed Environmental Compensation Lands with IO for several months (since PIC#2 in January 2018). The 407 Transitway project's need and justification for selection and requirements of Environmental Compensation Lands is well documented and will be part of the consultation record within the Environmental Project Report (EPR).

Environmental compensation lands must be extensive enough to meet agency and legislative requirements for natural features and habitat compensation. This project must meet these obligations as some of the lands are being protected for Species at Risk (SAR) habitat, as well as other natural heritage features, which are considered matters of provincial interest under *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* Insufficient land protection now will jeopardize the ability to implement the project in the future or require additional property purchases in the future, at a higher cost to the Province.

To date, MTO has been very receptive to IO's suggestions as demonstrated when we recently released our interest in two important properties at IO's request (parcel 1 – east of Farmhouse Court, north of Tomken Road; parcel 2 – east of Martin Grove Road, north of Steeles Avenue).

At this point, to meet schedule commitments, MTO's 407 Transitway project will be moving forward with the lands identified as Environmental Compensation Lands described and shown in the attached letter (dated May 14, 2018). There are no plans to revisit this issue at this time. As discussed, there are no other lands within the study limits (west of Hurontario to east of Highway 400), on the same side of Highway 407 as the Transitway alignment/stations that meet the required size for our project needs. All of these identified lands are considered part of the undertaking of the project and important to MTO for the 407 Transitway project needs and will all be identified within the EPR as Environmental Compensation Lands. In the future, there may be lands that will ultimately not be

required for the project. This will be determined at the pre-implementation and construction phase of the project following receipt of all required agency permits and approvals.

In addition, the 407 Transitway project team continues to request IO to address the potential land exchange east of Goreway Drive which IO agreed to proceed with on behalf of MTO many years ago. The project team will be moving forward with the identification of the provincial lands south of the Transitway at this location for land exchange purposes.

The final EPR will be posted for all stakeholders on our project website once the 120-day TPAP review period is over. Thank you for your continued interest in the 407 Transitway EA assignment, from west of Hurontario Street to east of Highway 400.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Abraham, Ernest (IO) [mailto:Ernest.Abraham@infrastructureontario.ca]
Sent: May 24, 2018 3:50 PM
To: DeRose, Graham (MTO)
Cc: Sarris, Larry (MTO); Warson, Jeremy (IO); Midgley, Scott (IO); Erasmus, Jordan (IO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands

Hi Graham,

Two of the parcels that were newly added in your May 14, 2018 letter (on Plate # 3 (west side of Farmhouse Court) and Plate # 4 (west of Tomken Rd.)), as areas for environmental compensation lands, have future development potential. Therefore these two areas are highly valuable. We would be open to using the areas you have identified as environmental compensation lands in your May 14, 2018 letter less the two areas identified in the attached. This would effectively allow portions of the two newly added parcels in your May 14, 2018 letter to be used as environmental compensation lands. We can get our GIS team to map out these areas for clarity, but it will likely only be done early next week.

Regards,
Ernest

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000
Toronto ON M5G 2L5

www.infrastructureontario.ca

Office: 416.326.1243
Mobile: 416.709.5763
Fax: 416.327.4194

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Monday, May 14, 2018 1:34 PM
To: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>; Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>
Cc: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>; Bishop, Chris <Chris.Bishop@parsons.com>
Subject: 407 Transitway (Hurontario to Highway 400) EPR Document - Compensation Lands
Importance: High

Good Afternoon Jordan & Ernest,

As a follow-up to discussions that have taken place since my original letter (dated April 24, 2018) and to the below noted email, please find attached MTO's final comment letter and drawings pertaining to the MTO's on-going 407 Transitway EA, from west of Hurontario Street to East of Highway 400.

The attachments include IO's original comment letter and MTO's finalized details regarding the Environmental Compensation Lands that will be including in the Environmental Project Report.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From: Liz Speller
Sent: June-29-18 8:50 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: May-03-18 3:20 PM
To: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Ernest,

Larry and I will call you at 10am tomorrow morning to continue the discussion regarding the compensation lands.

There are 3 options moving forward:

- EPR will remain as is and MTO will continue to protect Martin Grove and Farmhouse/Tomken site:
- EPR will be changed to release Farmhouse/Tomken and add Islington site:
- If you feel that Martin Grove site should be released instead of the Farmhouse/Tomken site, please indicate IO's position via response to my email so it can be included in the Consultation record.

Thanks,

Graham DeRose
416 - 235 - 5255

From: Abraham, Ernest (IO) [mailto:Ernest.Abraham@infrastructureontario.ca]
Sent: May 3, 2018 2:55 PM
To: DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Graham,

I tried reaching you by phone. Could you please give me a call back. I think it would be better to have a phone conversation rather than through email.

Thanks,

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000
Toronto ON M5G 2L5

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Mobile: 416.709.5763
Fax: 416.327.4194

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Thursday, May 03, 2018 2:22 PM
To: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Cc: Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Ernest,

Thank you for sending IO's response regarding the 407 Transitway (west of Hurontario Street to east of Highway 400) compensation land alternatives. MTO has reviewed the latest information from IO and the 407 Transitway project team feels comfortable moving forward with the following decisions.

As part of the draft EPR review process, IO presented a list of nine possible sites that could be considered for MTO's environmental compensation lands as part of the 407 Transitway Environmental Assessment assignment. From the list of nine, MTO identified only two sites that could be good alternatives for EA environmental compensation purposes. Unfortunately, IO has now identified that one of those sites is not suitable for MTO's needs due to a Trans-Canada pipeline easement.

Therefore, MTO will be making a simple 'one-for-one' swap of properties within the final Environmental Project Report document. MTO will be including the new site southwest of Islington Ave. and Highway 407 in Vaughan (14.18 acres, known as P65615 which is part of PIN 032220705) as protected for environmental compensation and will be continuing to protect the site southeast of Martin Grove Road and Highway 407 because a suitable replacement (of similar size within the study limits) is not available.

MTO will no longer identify the site northeast of Farmhouse Court and Tomken Road (14.13 acres) as part of the final EPR needs, deeming it not necessary for the 407 Transitway project. The final EPR will reflect this simple 'one-for-one' swap of environmental compensation lands.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region

Tel: 416.235.5255

From: Abraham, Ernest (IO) [mailto:Ernest.Abraham@infrastructureontario.ca]
Sent: May 2, 2018 4:17 PM
To: DeRose, Graham (MTO)
Cc: Erasmus, Jordan (IO); 'Kerslake, Holly'; 'Gus.Garron@Parsons.com'; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Liz Speller (lspeller@lgl.ca); Warson, Jeremy (IO); Midgley, Scott (IO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Graham,

We have reviewed in more detail the two sites your team has identified as suitable alternatives for environmental compensation land related to the 407 Transitway and have some information to share. The 14.18-acre site southwest of Islington Ave. and Hwy 407 in Vaughan (known as P65615 which is a part of PIN 032220705) would appear to be a good site to hold for environmental compensation land related to the 407 Transitway. The 1.3-acre site southwest of Albion Road and Steeles Avenue in Brampton (known as P65580), however, has an easement in favour of TransCanada PipeLines Limited (as part of the King's North Connection Pipeline Project). Therefore this site may not be suitable for environmental compensation land as the portion subject to the easement may require maintenance (e.g. digging) in the future.

Please confirm that upon approval of the transitway EA, MTO will release its interest in the sites southeast of Martin Grove Rd. and Hwy 407 and northeast of Farmhouse Court and Tomken Rd. and will identify the 14.18-acre site southwest of Islington Ave. and Hwy 407 in Vaughan (known as P65615 which is a part of PIN 032220705) as environmental compensation lands instead. Or if there is another site required, please advise if any of the other sites I had proposed in my March 5, 2018 email may be suitable.

Regards,

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000
Toronto ON M5G 2L5

www.infrastructureontario.ca

Office: 416.326.1243
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Fax: 416.327.4194

Ernest

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Tuesday, April 24, 2018 1:56 PM
To: Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>; Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Cc: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO)

<Scott.Midgley@infrastructureontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Jordan and Ernest,

Please find attached a copy of IO's original comments and the 407 Transitway project team's response letter regarding the 407 Transitway Draft EPR for the section from west of Hurontario Street to east of Highway 400.

As indicated within the letter, we look forward to hearing back form IO regarding the confirmation of the proposed 2 new sites by May 4th.

Please let me know if you have any questions or wish to discuss further.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From: Liz Speller
Sent: June-29-18 8:45 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: P65567.pdf; P65615.pdf

From: Abraham, Ernest (IO) [mailto:Ernest.Abraham@infrastructureontario.ca]
Sent: March-05-18 12:11 PM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>
Cc: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Graham,

Attached are the eighth and ninth attachments referred to in my previous email.

Regards,

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000
Toronto ON M5G 2L5

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Office: 416.326.1243
Mobile: 416.709.5763
Fax: 416.327.4194

From: Abraham, Ernest (IO)
Sent: Monday, March 05, 2018 12:06 PM
To: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>
Cc: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; 'r.minnesconsulting@gmail.com' <r.minnesconsulting@gmail.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; 'Liz Speller (lspeller@lgl.ca)' <lspeller@lgl.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Graham,

Attached are several MOI-owned properties that may be suitable for environmental compensation requirements.

1) First attachment: Part of P64471 - Part of PIN 140260009 (1.33 acres)
2) Second attachment: Part of P65655 – Part of PIN 140260009 (1.33 acres)
3) Third attachment: Part of PT2436 – Part of PIN 143000171 (70 acres)
4) Fourth attachment: Part of PT2436 – Part of PIN 143000171 (42.58 acres)
5) Fifth attachment: P65625 – Part of PIN 140291352 (24.2 acres)
6) Sixth attachment: P65580 – PIN 140210147 (1.3 acres)
7) Seventh attachment: P65618 – Part of PIN 032200232 (6.14 acres)
8) Eighth attachment: Part of P65567 – Part of PIN 140291352 (17.42 acres) (To be sent in a following email because of file size)
9) Ninth attachment: P65615 – Part of PIN 032220705 (14.18 acres) (To be sent in a following email because of file size)

These properties have been preliminarily reviewed by Jordan, Scott and me but may not be ultimately determined to be surplus. May I suggest that you and the project team have a look at the properties and let us know if they might be suitable for environmental compensation. After receiving your team's feedback, we can investigate further if the properties can be protected for this use or work with your team to identify other parcels within MOI's portfolio that might be more suitable.

Regards,

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000
Toronto ON M5G 2L5

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Office: 416.326.1243
Mobile: 416.709.5763
Fax: 416.327.4194

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Friday, February 02, 2018 11:23 AM
To: Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>; Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Cc: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>; Warson, Jeremy (IO) <Jeremy.Warson@infrastructureontario.ca>; Midgley, Scott (IO) <Scott.Midgley@infrastructureontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Jordan,

Thank you for the revised letter from IO. The project team will replace it within our EPR consultation record and provide IO with an official response.

With respect to identifying other Provincial lands IO feels could meet the environmental compensation requirements, as I mentioned in my previous email, can IO please provide Provincial land locations in detail so the project team can review, properly assess and confirm if they are suitable locations for consideration. Please note that there are geographical requirements on where compensation efforts can take place (e.g. sites closest to the displacement areas are preferred from an approvals standpoint). The sites protected for environmental compensation must be located in the vicinity of the study area (from west of Hurontario Street to east of Highway 400) and be of similar size in order to meet requirements. MTO cannot simply remove protected sites intended for environmental compensation without having alternatives in place.

Also note that the lands on the east side of Martin Grove Road (P – 5135-0000; OIC 1917/2007) and east of Farmhouse Court (P - 5132-0000; OIC 2331/2017) have already been designated and approved under the *PTHIA* for future 407 Transitway use.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Erasmus, Jordan (IO) [mailto:Jordan.Erasmus@infrastructureontario.ca]
Sent: February 2, 2018 10:52 AM
To: DeRose, Graham (MTO); Abraham, Ernest (IO)
Cc: 'Kerslake, Holly'; 'Gus.Garron@Parsons.com'; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Liz Speller (lspeller@lgl.ca); Warson, Jeremy (IO); Midgley, Scott (IO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Graham,

In light of your comments below and recent discussion with Ernest, please see attached a revised comment letter from IO. We would like to retract the letter originally submitted on January 25th.

Let me know if you would like to discuss further.

Thank you,
Jordan

Jordan Erasmus
Sr. Planner
416-212-4874

Liz Speller

From: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Sent: January-26-18 4:05 PM
To: DeRose, Graham (MTO)
Cc: 'Kerslake, Holly'; 'Gus.Garron@Parsons.com'; Erasmus, Jordan (IO); r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Liz Speller
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Graham,

Thank you and the rest of the project team for answering questions about the Transitway study yesterday. Yes, in light of that discussion, we will make some changes to the letter and send you a new one next week if that is ok.

Regards,
Ernest

Ernest Abraham
Project Manager
Development Planning

Infrastructure Ontario
Real Estate and Lending
One Dundas Street West, Suite 2000
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From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Friday, January 26, 2018 2:22 PM
To: Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>
Cc: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; 'Gus.Garron@Parsons.com' <Gus.Garron@Parsons.com>; Erasmus, Jordan (IO) <Jordan.Erasmus@infrastructureontario.ca>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller (lspeller@lgl.ca) <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Good Afternoon Ernest,

Thank you for attending last night's PIC for the 407 Transitway study, from west of Hurontario Street to east of Highway 400. It appears that during our lengthy conversation discussing the project and the need for protected sites, the attached letter was circulated from your office.

In light of our discussion at the PIC, the project team is wondering if IO would like to retract and revise this letter? As noted, the need for protecting multiple sites across the Transitway will address/compensate for the following:

- The loss of vegetation and vegetation communities will account for 107.17 ha of vegetation communities, which includes a loss of 52.52 ha due to the runningway, and a loss of 54.65 ha due to the stations. Collectively, this will result in impacts to both terrestrial and wetland habitats. In order to address this loss of vegetation, the project team will look to create new habitat within these areas, which could include several vegetative communities as well as wetland creation.

- Further to the above, at this time it is unclear to what extent Species at Risk (SAR) habitat will be impacted. We have had discussions with MNRF, however we will not be submitting SAR permits as part of this assignment. As a result, these compensation areas are meant to provide potential overall benefit for existing species protected under the *Endangered Species Act*, as well as new species that will be uplisted in the future. Since the Province owns these lands, we would like to preserve it rather than having to purchase land in the future (more costly to the taxpayers) as part of overall benefit permits. Note that extirpated, endangers and threatened species are considered a matter of provincial interest under *Ontario Regulation 231/08*. Based on our terrestrial impact assessment report, there are a number of potential impacts to SAR/SAR habitat including, but not limited to migratory birds and bat species, which would directly benefit from forest re-creation areas. These species, among others, are protected under the Act.

- Given the new policies outlined in provincial plans/guides as they pertain to Climate Change as well as wetland/forest re-creation, the Ministry is taking a proactive approach to protect these sites now and make commitments in our Environmental Project Report (EPR) to achieve a reasonable amount of compensation for the loss of terrestrial habitat. These commitments have been shared with local conservation authorities and provincial agencies.

- Additional compensation/overall benefit areas may be required for aquatic species protected under the Act, once we move into project implementation.

The letter identifies potential lands elsewhere that IO feels could be used for environmental compensation. If you could please provide these locations in detail, the project team can review them and confirm if they are suitable locations for consideration. However, please note that there are geographical requirements on where compensation efforts should take place (e.g. sites closest to the displacement areas are preferred from an approvals standpoint).

If you do not wish to retract/revise this letter regarding our protected environmental compensation lands, the Ministry will be happy to respond and include the original comments as part of the public record.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Erasmus, Jordan (IO) [mailto:Jordan.Erasmus@infrastructureontario.ca]
Sent: January 25, 2018 3:19 PM
To: DeRose, Graham (MTO)
Cc: Abraham, Ernest (IO); 'Kerslake, Holly'; 'Gus.Garron@Parsons.com'
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Good afternoon Graham,

Please see the attached comment letter from Infrastructure Ontario on the draft EPR. Kindly confirm receipt at your earliest.

Thank you,
Jordan

Jordan Erasmus, MCIP, RPP
Senior Planner

Infrastructure Ontario
Realty Portfolio Planning
1 Dundas St. W., Suite 2000
Toronto, ON M5G 2L5

Tel: 416.212.4874 | Fax: 416.212.1131
E-mail: Jordan.Erasmus@infrastructureontario.ca

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From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, January 23, 2018 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Grace, Patrick (IO) <Patrick.Grace@infrastructureontario.ca>; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Abraham, Ernest (IO) <Ernest.Abraham@infrastructureontario.ca>; Challice, Adam (MNRF) <Adam.Challice@ontario.ca>; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; Strong, Steven (MNRF) <steven.strong@ontario.ca>; Keen, Ben (MNRF) <Ben.Keen@ontario.ca>; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>;

r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and

comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
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Head Office / Siège de direction
One Dundas Street West, Suite 2000, Toronto, ON M5G 1Z3
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 1Z3

February 2, 2018

Graham DeRose
MTO Project Manager
Planning & Design Section
Ministry of Transportation, Central Region
159 Sir William Hearst Ave, 4th Fl
Toronto, Ontario, M3M 0B7

Sent via email

RE: Infrastructure Ontario comments on 407 Transitway Environmental Assessment – Hurontario Street to Highway 400
Draft Environmental Project Report

Dear Mr. DeRose:

Infrastructure Ontario (IO) is a crown agency with responsibility for the strategic management of the provincial government's real property on behalf of the Ministry of Infrastructure (MOI). The portfolio includes individual properties, as well as linear infrastructure corridors such as hydro lands used for the transmission of electricity. IO has a mandate of maintaining and optimizing value of the portfolio, while ensuring that real estate decisions reflect public policy objectives.

IO has been monitoring the above noted environmental assessment with regard to potential impacts and opportunities on provincially owned properties in the study area. Overall, IO is pleased that MTO is proceeding with its environmental assessment of this section of the transitway and continues to encourage MTO to consider the impacts on land value and development opportunity when selecting and designing runningway and station locations. IO would like to offer the following specific comments from a real estate perspective, on behalf of MOI, for inclusion and consideration in your EA.

Sites Protected for Environmental Compensation

Section 5.11 of the draft EPR notes that "the station sites protected by MTO through the 1998 Corridor Protection Study and not selected for a station facility following the evaluation of alternatives, described in Chapter 5, are being protected for environmental compensation". Based on our review, some of the sites proposed to be protected represent potentially valuable (i.e developable) Provincial real estate holdings and should not be considered for environmental compensation.

416.327.3937 416.327.1906 info@infrastructureontario.ca www.infrastructureontario.ca

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As an alternative, we believe there are other less valuable (i.e. undevelopable or unleaseable) Provincial lands in proximity to the proposed transitway alignment that could meet compensation land requirements and IO would be happy to work with MTO to identify potential sites. Overall, it is unclear from the draft report how MTO identified and assessed available land to determine the list of protected sites.

1. MOI Lands east of Farmhouse Court

The site east of Farmhouse Court (shown on Plate P-3 of the draft EPR, Figure 1 below) is approximately 13 acres, has frontage on Farmhouse Crt and exposure to Highway 407. It has a flat topography and no apparent significant natural heritage features (and has historically been farmed). Market demand for industrial uses in Brampton is strong and there may be potential to remove this parcel from the Parkway Belt once the Transitway EA is approved and redesignate it locally to permit industrial uses. IO requests that MTO remove it from the list of sites protected for compensation.

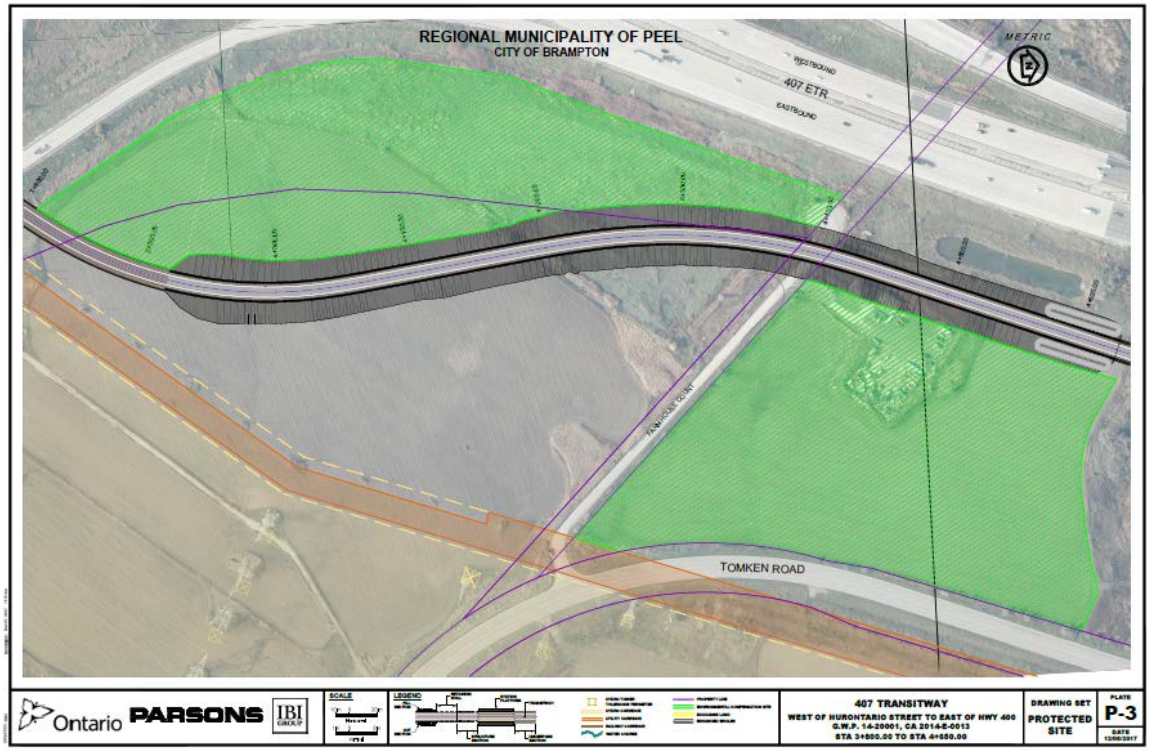

Figure 1: MOI lands east and west of Farmhouse Court at Tomken Road, Brampton

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2. MOI Lands east of Goreway Drive

The draft EPR notes that the lands east of Goreway Drive (shown on Plate P-8, Figure 2 below) are the subject of a potential land exchange. IO requests additional information on this potential exchange, as these lands are owned by MOI and might have development potential.

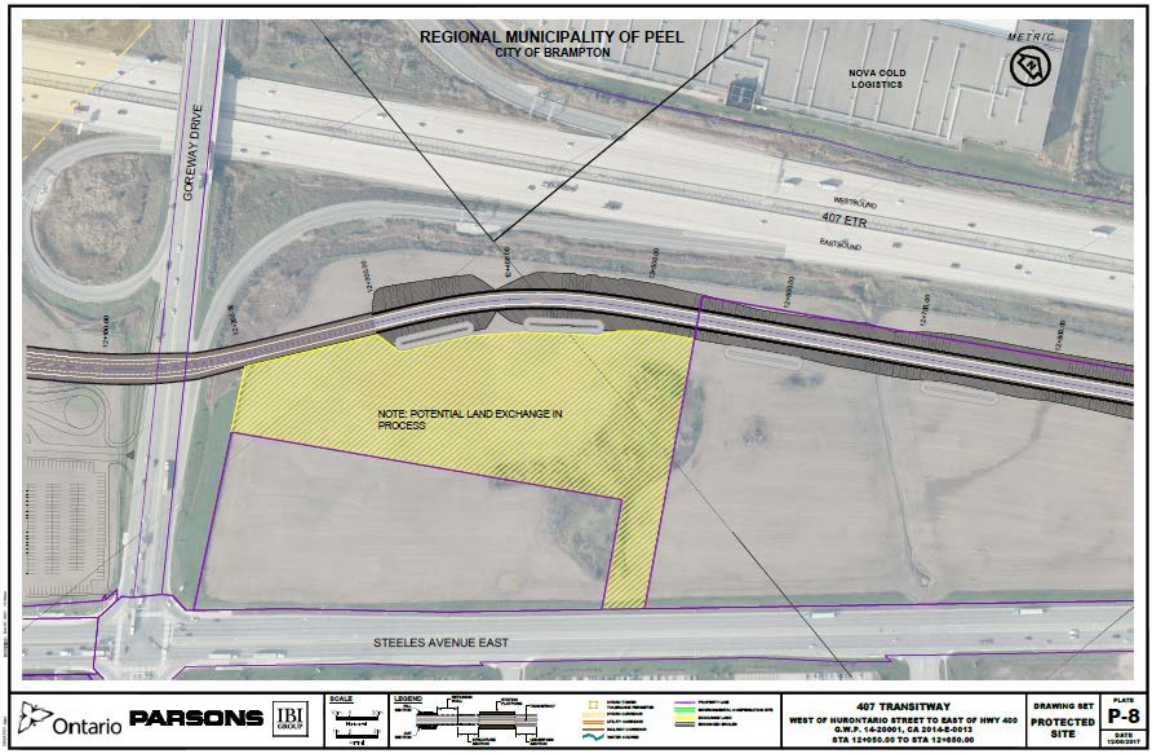

Figure 2: MOI lands east of Goreway Drive, south of Highway 407, Brampton

3. MOI Lands East of Martin Grove Road

The site east of Martin Grove Road (shown on Plate P-10 of the draft EPR, Figure 3 below) is approximately 9 acres, has frontage on Martin Grove and exposure to Highway 407. It has a flat topography and most of the site appears to be unconstrained by natural heritage features (and has historically been farmed). There may be potential to remove this parcel from the Parkway Belt and redesignate it locally to permit industrial or commercial uses, once the Transitway EA is approved and it has been confirmed it is not required for a future interchange. IO requests MTO remove it from the list of sites protected for compensation.

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One Dundas Street West, Suite 2000, Toronto, ON M5G 1Z3
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 1Z3

The transitway runningway is shown as being at grade east of Martin Grove Rd. at the location of the potential future Martin Grove Rd./Kipling Ave. interchange with Highway 407. If the interchange goes ahead, will it be above or below grade to accommodate the proposed transitway runningway? It is not clear how the potential future interchange will affect the transitway. IO requests additional details on the relationship between the potential future interchange and the transitway at this location.

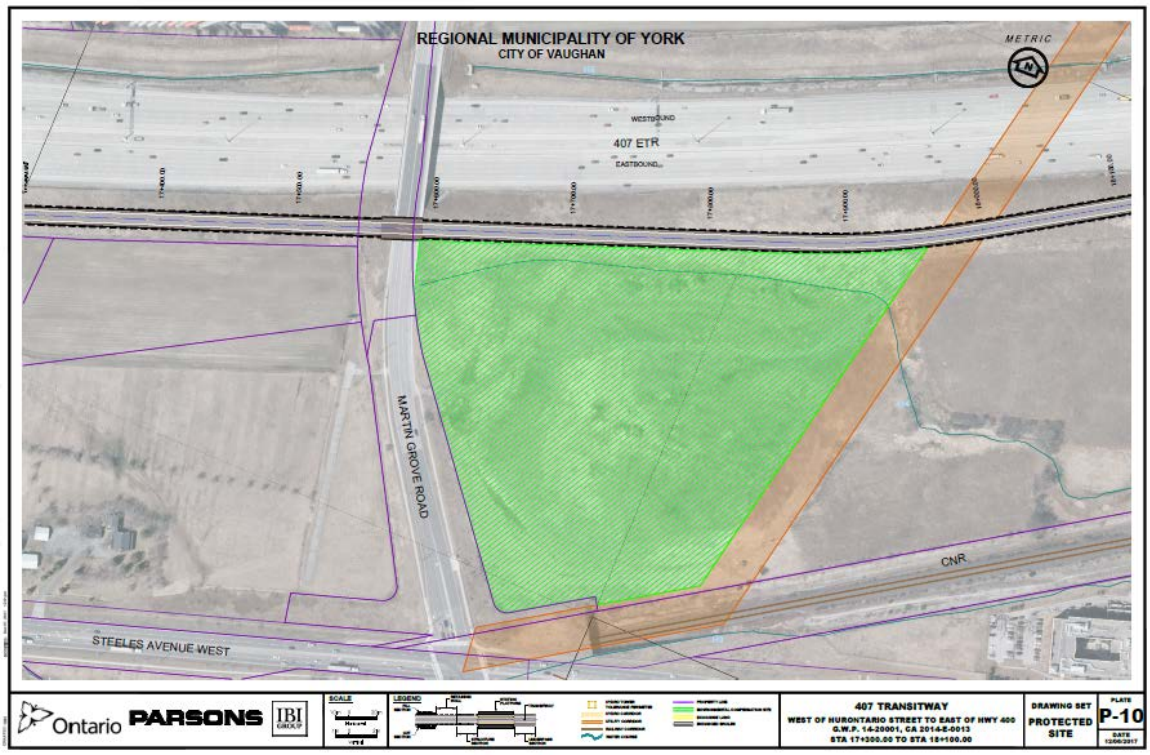

Figure 3: MOI lands east of Martin Grove Road, south of Highway 407, Vaughan

As noted above, the 407 Transitway project team is encouraged to work with IO to identify other lands that might be better candidates for environmental compensation.

We thank you for the opportunity to provide comments on this undertaking and look forward to continued collaboration in the future. Please feel free to contact the undersigned at 416-212-4874 or Jordan.Erasmus@infrastructureontario.ca to discuss further or obtain additional information.

Ontario
Infrastructure Ontario

Head Office / Siège de direction
One Dundas Street West, Suite 2000, Toronto, ON M5G 1Z3
1, rue Dundas Ouest, bureau 2000, Toronto, ON M5G 1Z3

Yours truly,

Jordan Erasmus, Sr. Planner

c. David Macey, IO
Patrick Grace, IO
Ernest Abraham, IO
Gus Garron, Parsons

416.327.3937 416.327.1906 info@infrastructureontario.ca www.infrastructureontario.ca

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

April 24th, 2018

Ms. Jordan Erasmus
Senior Planner
Infrastructure Ontario
Head Office
One Dundas Street West, Suite 2000
Toronto, Ontario
M5G 1Z3

Dear Ms. Erasmus:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001, Draft Environmental Project Report (EPR) Comments

Thank you for your letter dated February 2nd, 2018 in response to the circulation of the draft EPR. The 407 Transitway Project Team has conducted a thorough investigation into the nine properties Mr. Ernest Abraham identified on March 5th, 2018 via email, as potential environmental compensation sites for this project. The Ministry of Transportation has considered the findings and is prepared to make adjustments to the areas currently identified in the Transitway Environmental Project Report as set out below.

After reviewing all properties identified in Mr. Abraham's March 5th, 2018 email, the Ministry of Transportation is prepared to remove interest in the two areas of land previously identified for environmental compensation located south/east of the Transitway around Farmhouse Court and the lands east of Martin Grove Road, as shown on the attached plans. In exchange, the Ministry of Transportation will require the transfer of two properties Mr. Abraham identified for this purpose. These include property #6, P65580/PIN 140210147 and property #9, P65615/PIN 032220705.

To meet our study timelines for finalization of the 407 Transitway Environmental Project Report, please provide the Ministry of Transportation with confirmation by May 4th, 2018 that these two properties are owned by the Province of Ontario, are not being processed as surplus properties and may be transferred to the Ministry of Transportation. These two properties will then be identified in the final Environmental

Ministry of Transportation

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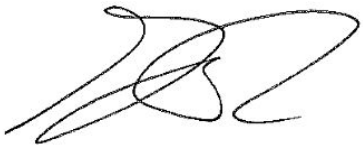
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

Project Report. Please be advised that if a response is not received from Infrastructure Ontario by this date, the Environmental Project Report will remain unchanged.

In your February 2nd, 2018 letter, you also requested information on the Infrastructure Ontario lands east of Goreway Drive that have been identified in the Draft Environmental Project Report for a potential land exchange. In the early 2000's, the Ministry of Transportation requested that Infrastructure Ontario commence negotiations with the land owner east of the subject property, which is required for the 407 Transitway alignment. The owner had expressed interest in exchanging this land for the subject Provincial land. Infrastructure Ontario agreed to proceed and to meet its requirements, the Ministry of Transportation provided a registered plan of the lands to be exchanged as well as agree to various administrative funding commitments. The Ministry of Transportation has made regular enquiries but no action has been taken. We hope that Infrastructure Ontario will proceed with this matter as soon as possible.

Sincerely,



Graham DeRose
Project Manager

Encl. – Property Plates

c.c. Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited
Ernest Abraham, IO
Patrick Grace, IO
David Macey, IO

SUMMARY OF PROTECTED PROPERTY SITES						
PLATE NUMBER	PIN NUMBER	LOCATION	OWNER	TYPE OF OWNERSHIP	TYPE OF PROTECTED SITE	APPROX. AFFECTED AREA (ac)
1	140291352	EAST OF HURONTARIO STREET	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	8.62
2	143000197	EAST OF KENNEDY ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	13.55
3	143000171	WEST SIDE OF FARMHOUSE COURT (1)	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS;	Provincial	Proposed Environmental Compensation Site	9.60
3	143000049	WEST SIDE OF FARMHOUSE COURT (2)	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	2.80
4	140280344	WEST OF TOMKEN ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF PUBLIC INFRASTRUCTURE RENEWAL;	Provincial	Proposed Environmental Compensation Site	5.04
5	140280396	WEST OF SPRING CREEK	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	2.36
6	140260325	EAST OF CNR HALTON	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	14.83
7	140260317	WEST OF STEELES AVENUE EAST	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	9.79
8	Unknown	EAST OF GOREWAY DRIVE	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Potential Land Exchange	8.02
9	140210147	WEST OF ALBION ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	1.30
10	032210089	EAST OF HIGHWAY 27	SMITH FARM PROPERTY HOLDINGS INC.;	Private	Proposed Environmental Compensation Site	1.44
11	032220705	WEST OF ISLINGTON AVENUE	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF ENERGY AND INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	14.18
12	Unknown	WEST OF WESTON ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	9.06

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MODIFIED: Apr 18, 2018 - 10:32am

Ontario PARSONS IBI GROUP

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407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

DRAWING SET
PROTECTED SITES

PLATE
P-0

DATE
04/18/2018

Ontario PARSONS IBI GROUP

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RETAINING WALL
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 1+300.00 TO STA 2+200.00

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PROTECTED SITE

PLATE
P-1

DATE
12/15/2017

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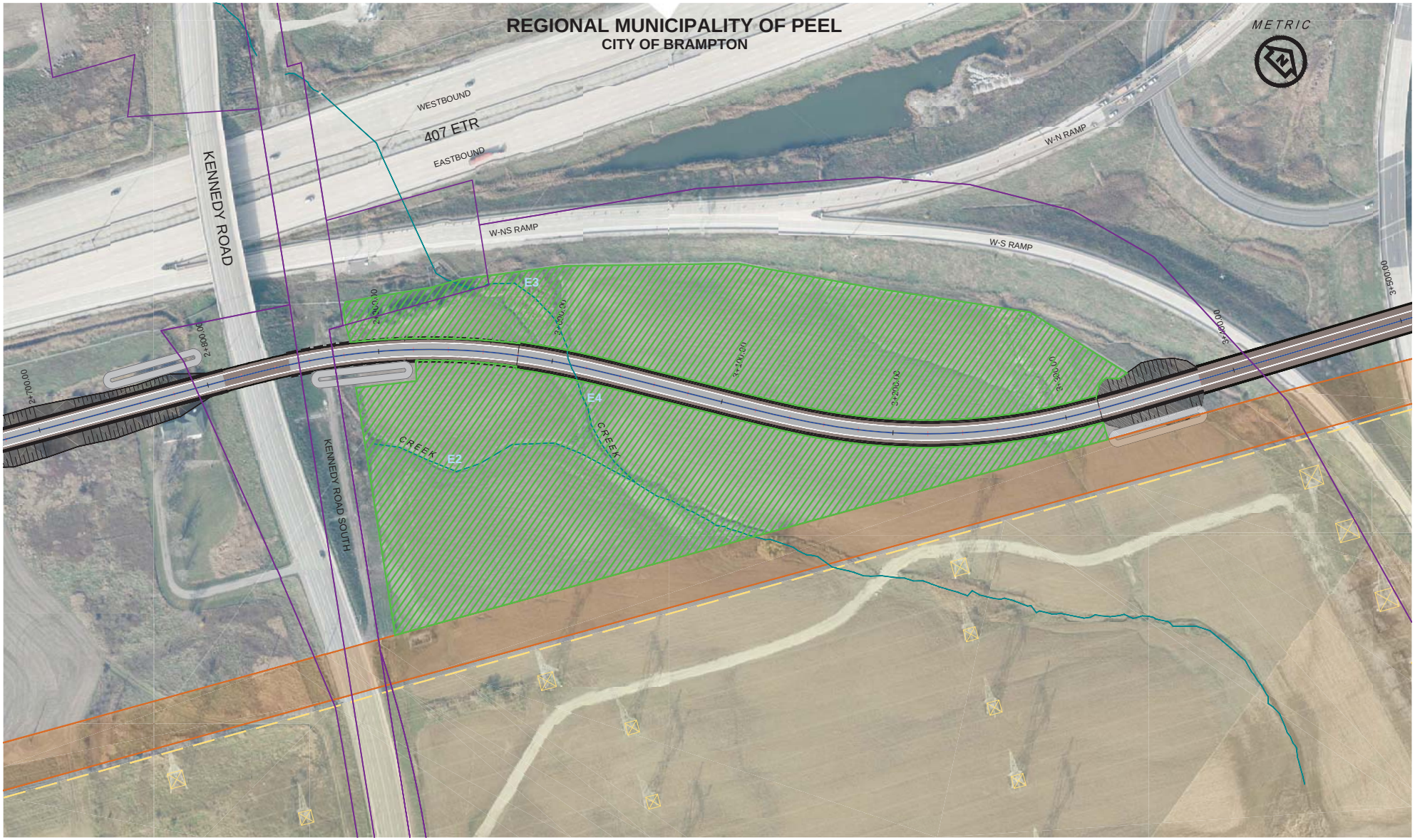

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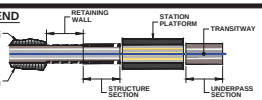

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- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 2+700.00 TO STA 3+500.00

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PLATE
P-2

DATE
12/15/2017

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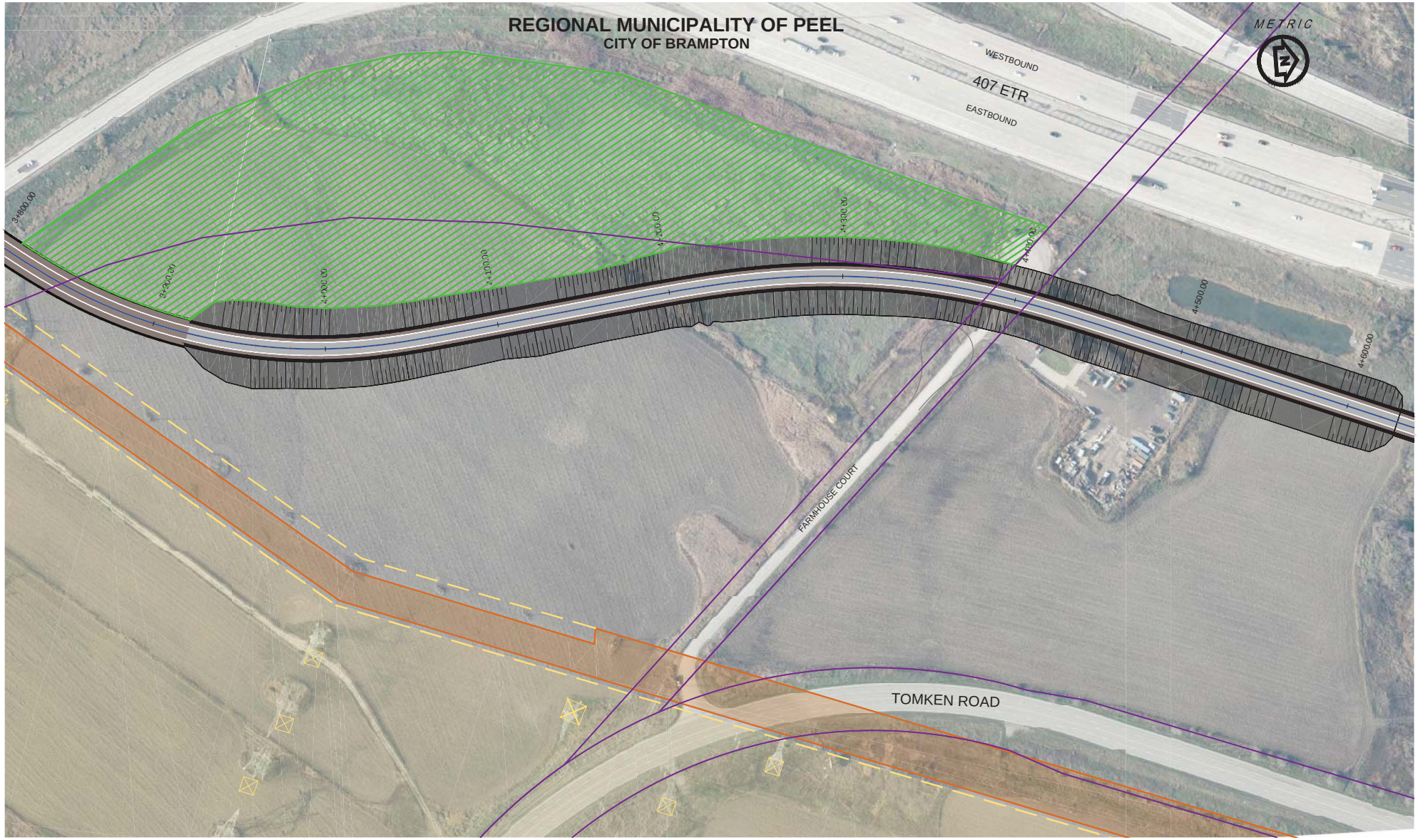
REGIONAL MUNICIPALITY OF PEEL
CITY OF BRAMPTON



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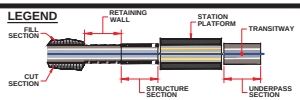

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- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY
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G.W.P. 14-20001, CA 2014-E-0013
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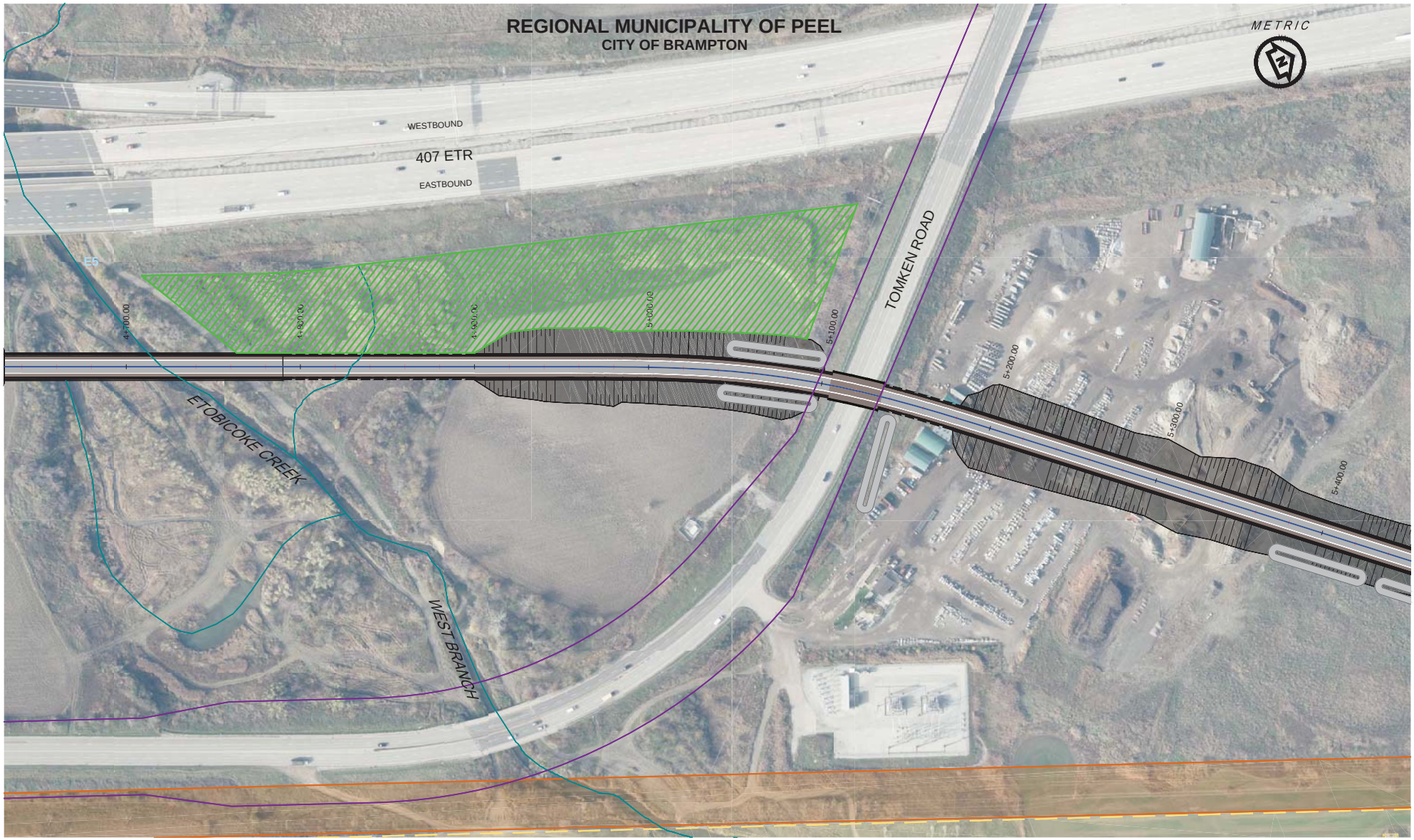

PARSONS

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UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE

PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
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P-4

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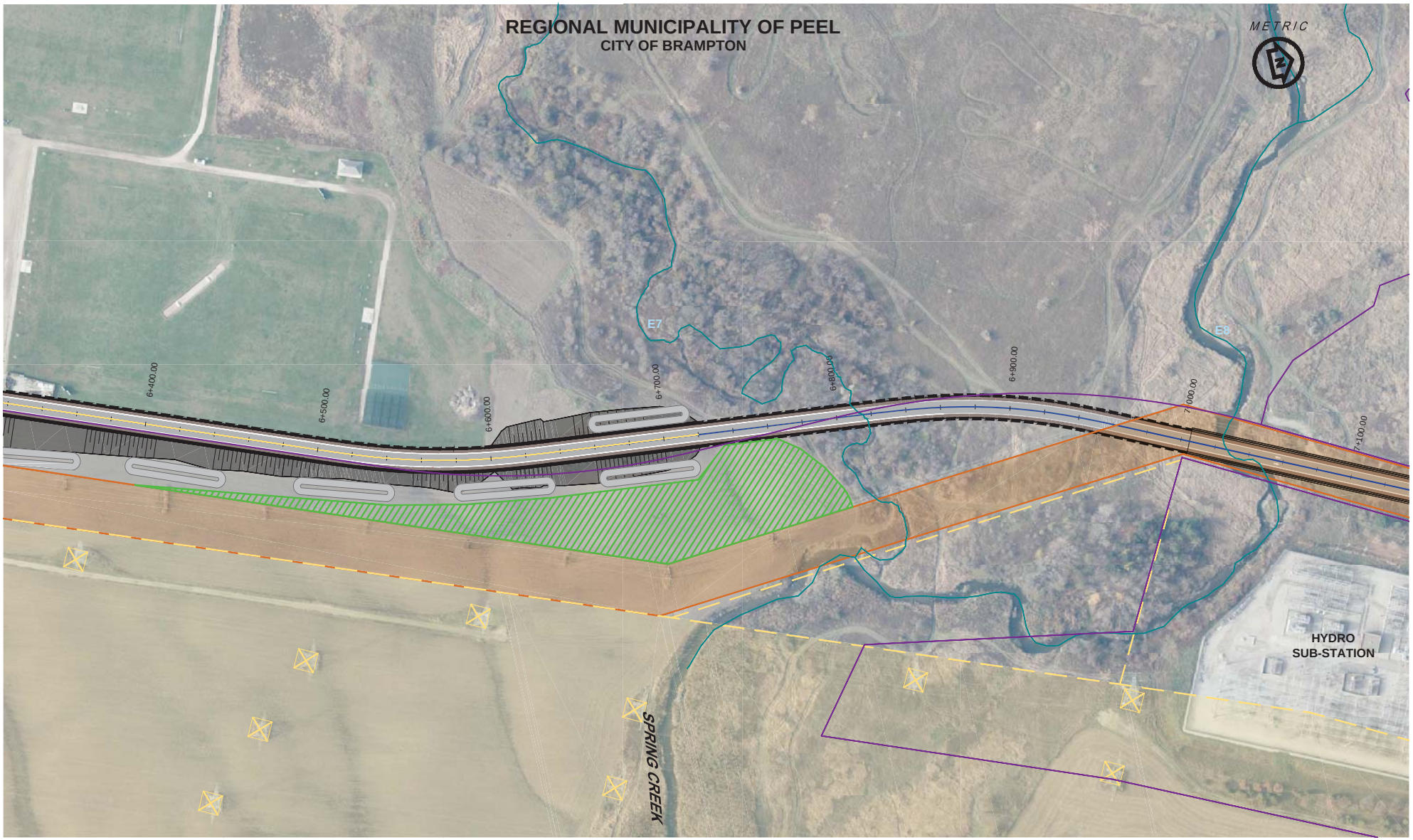

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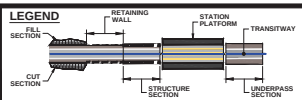

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- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
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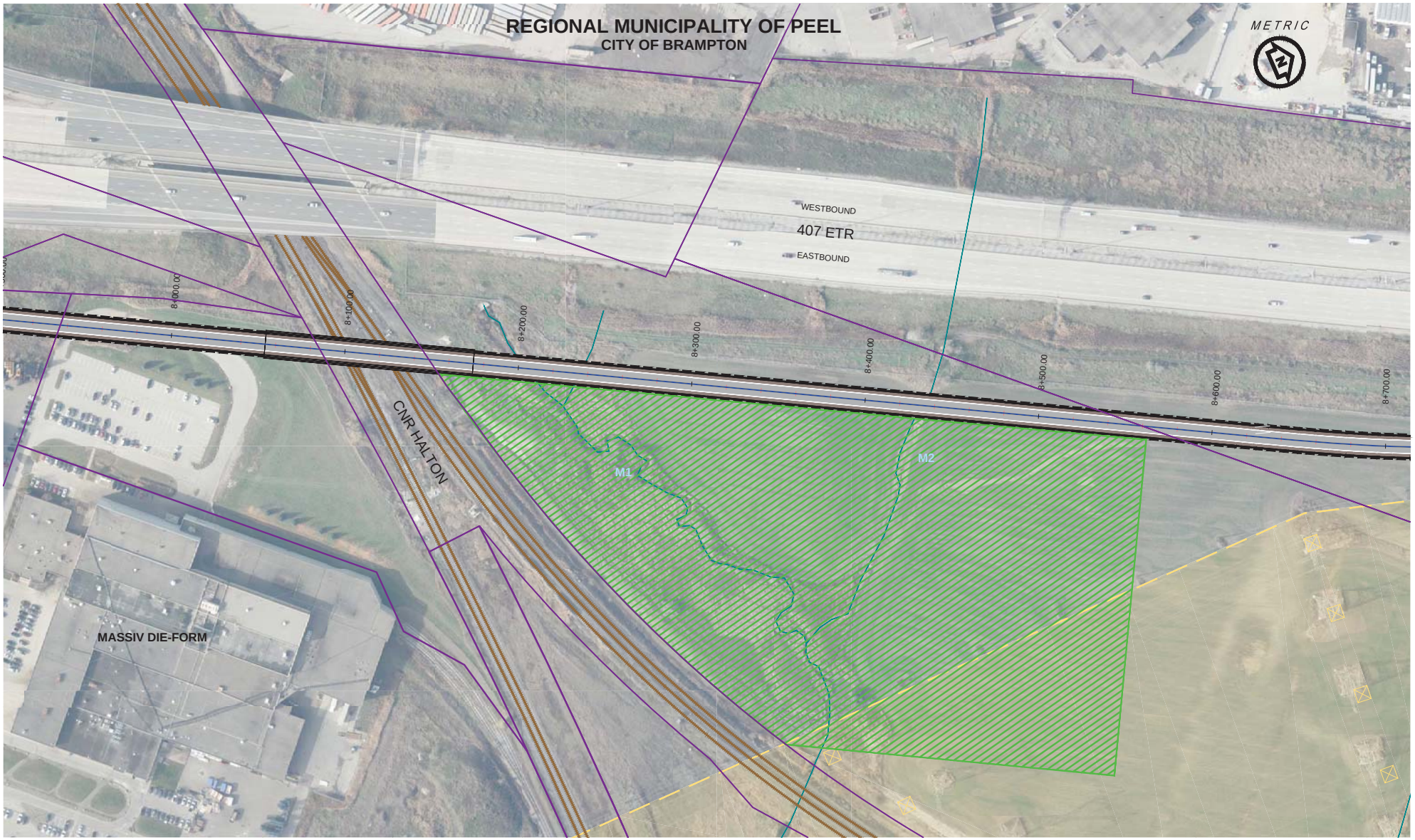

Ontario PARSONS IBI GROUP

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CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE

PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 7+900.00 TO STA 8+700.00

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PLATE
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DATE
12/15/2017

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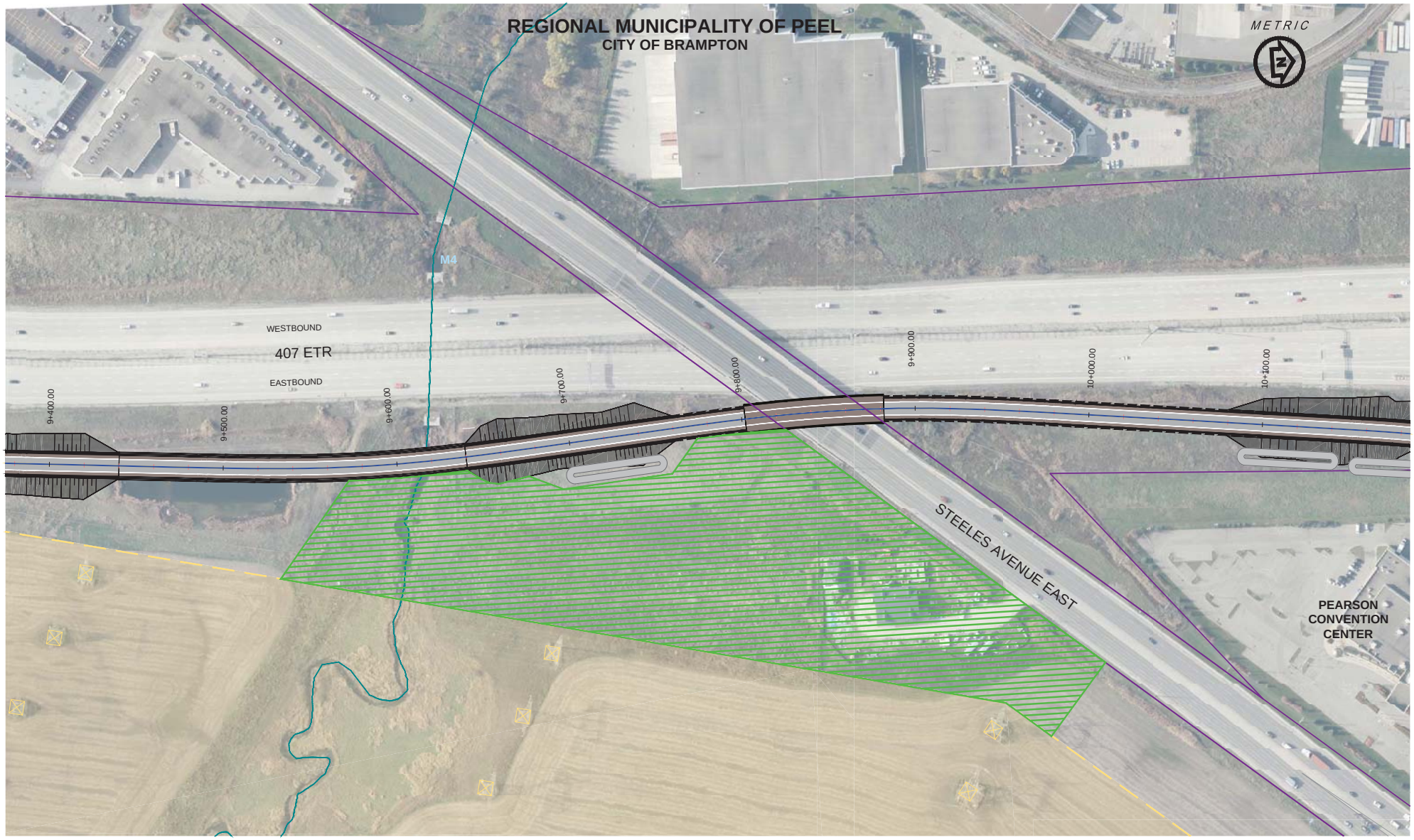

Ontario PARSONS IBI GROUP

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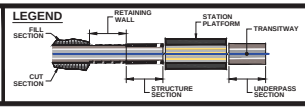

- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
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- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 9+400.00 TO STA 10+180.00

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PLATE: P-7

DATE: 12/15/2017

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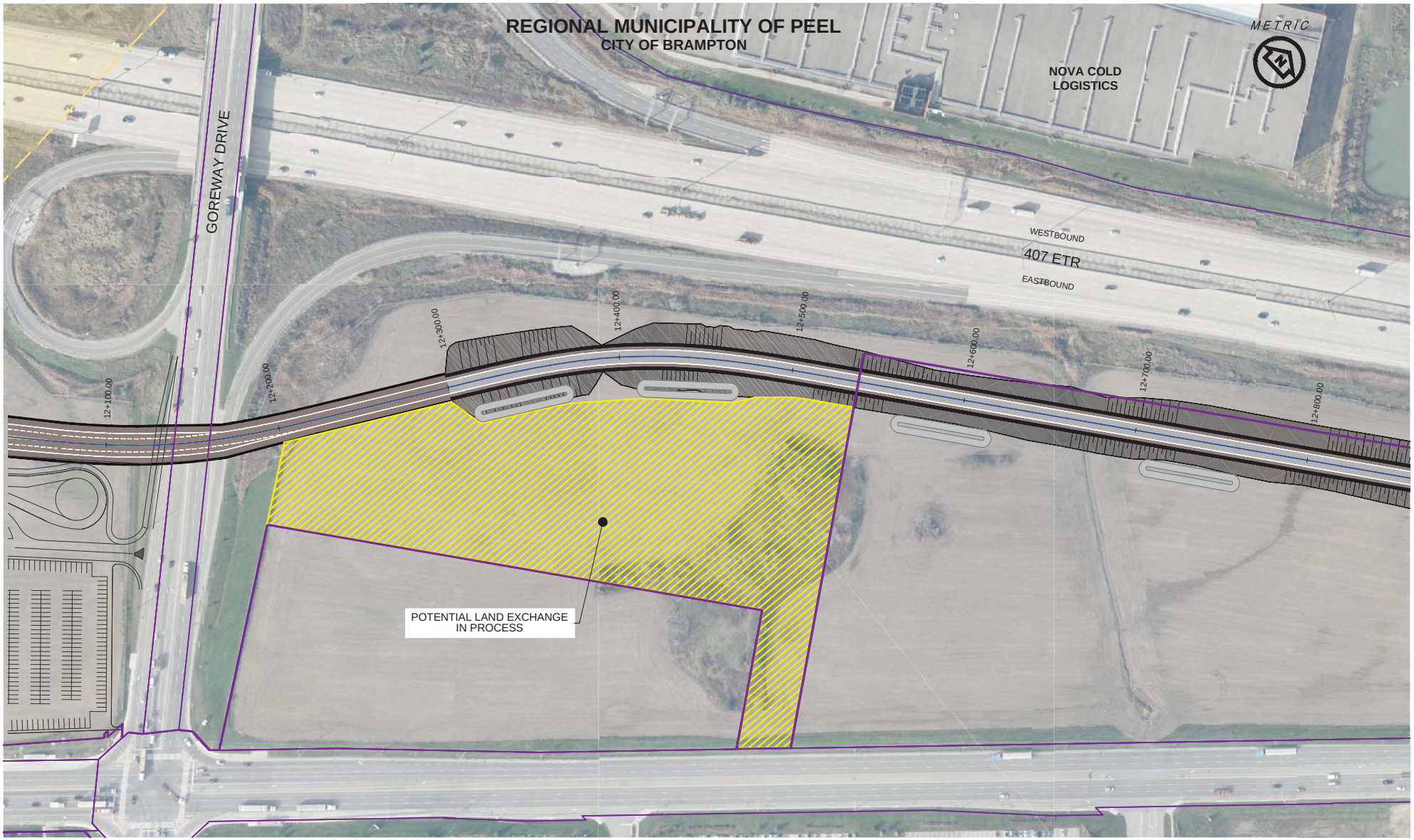

Ontario PARSONS IBI GROUP

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TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE

PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 12+050.00 TO STA 12+850.00

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P-8

DATE
12/15/2017

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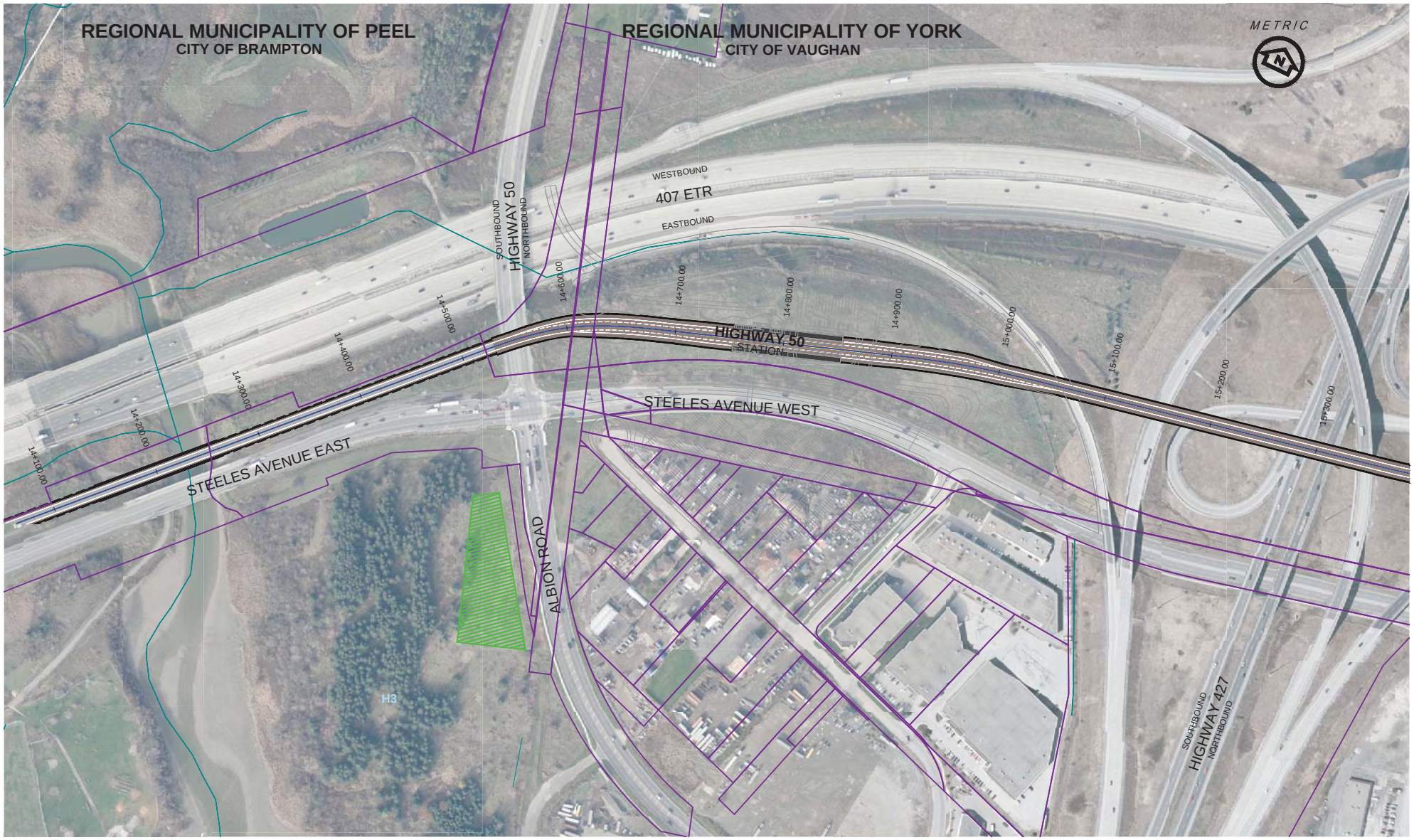

Ontario PARSONS IBI GROUP

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HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE

PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 14+100.00 TO STA 15+300.00

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PLATE
P-9

DATE
04/12/2018

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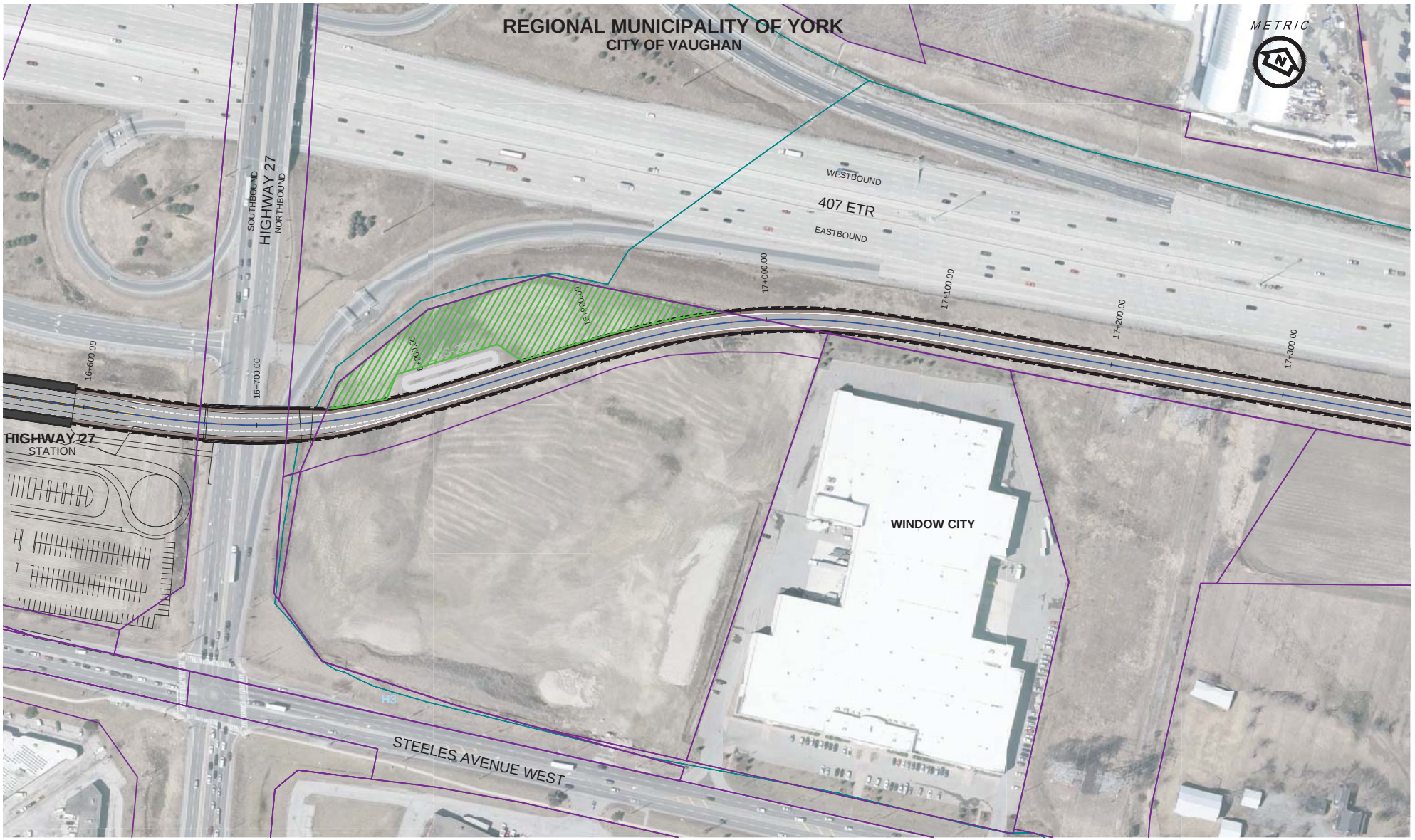

Ontario PARSONS IBI GROUP

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RETAINING WALL
STATION PLATFORM
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CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 16+550.00 TO STA 17+370.00

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PLATE
P-10

DATE
04/12/2018

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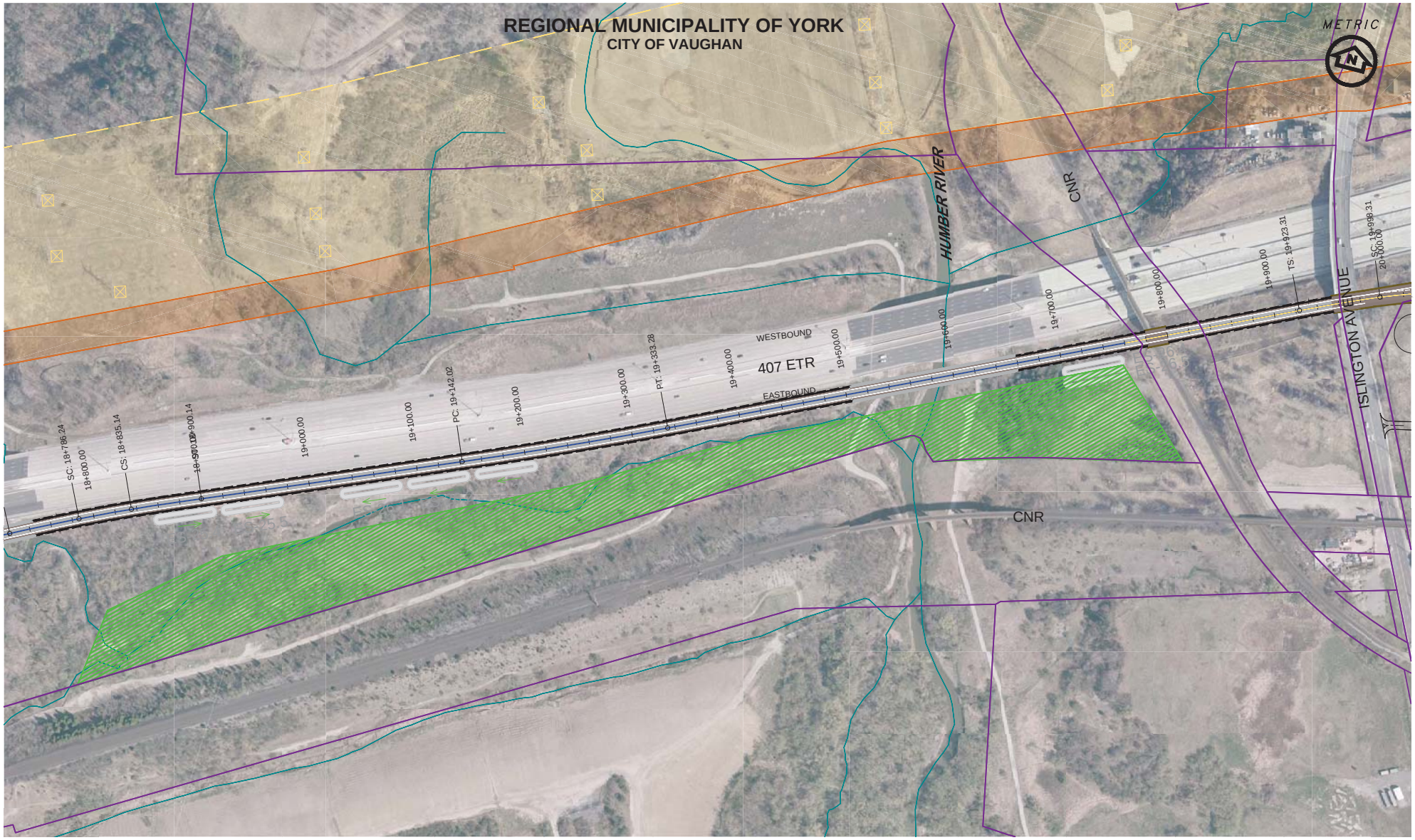

Ontario PARSONS IBI GROUP

SCALE
10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND
FILL SECTION
CUT SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 18+800.00 TO STA 20+000.00

DRAWING SET
PROTECTED SITE

PLATE
P-11

DATE
04/12/2018

DRAWING NAME: J:\IBI\602896 ON-100 407 TRANSITWAY HURONTARIO - HWY 400\TT\5 General\03 - Drawings\7 - Property\PROTECTED SITE PLATES\407 TWY_PROTECTED_SITE_PLATE_1.dwg
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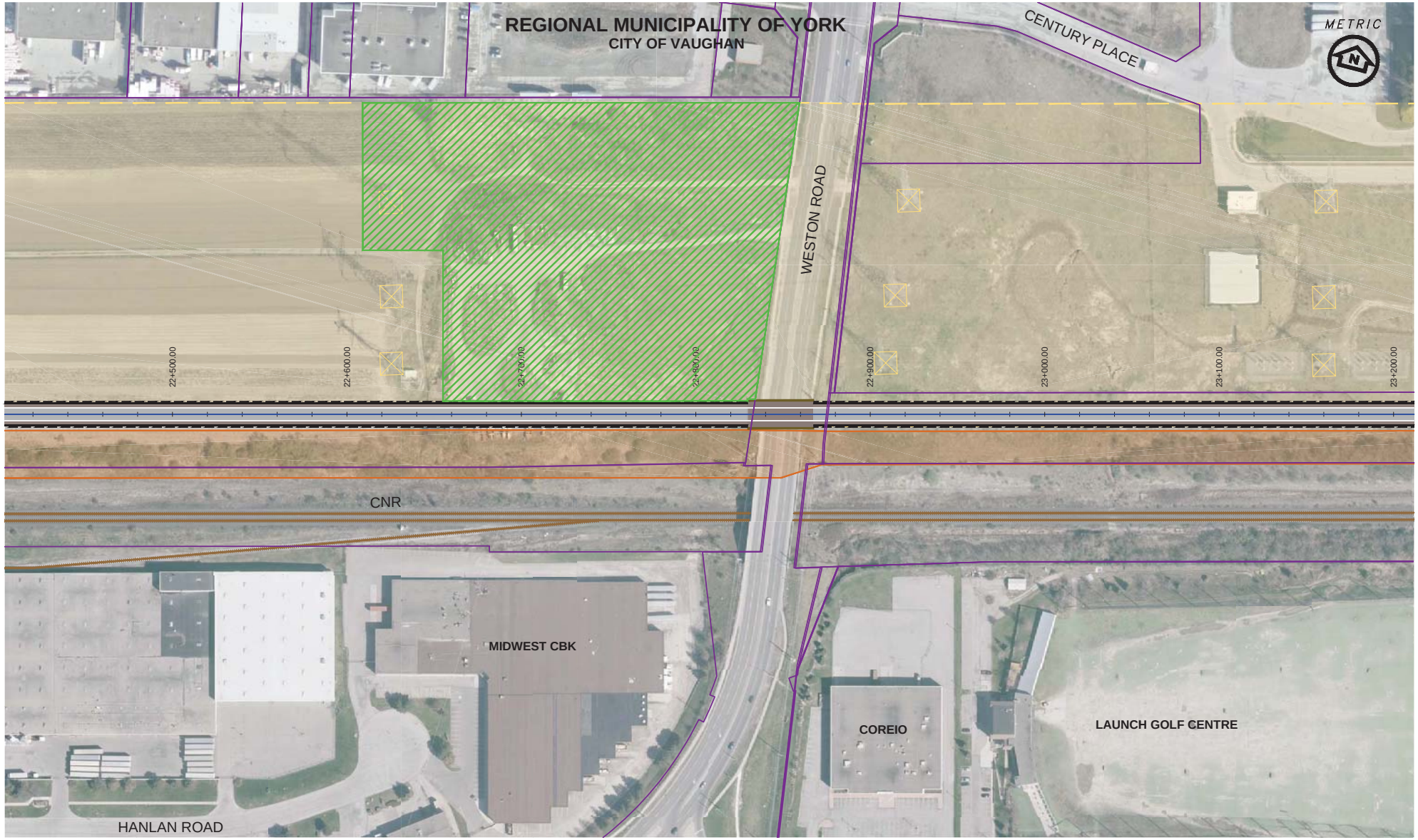
MODIFIED: Apr 19, 2018 - 10:54am



Ontario PARSONS IBI GROUP

SCALE
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1m 0 2m Vertical

LEGEND
FILL SECTION
CUT SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 22+400.00 TO STA 23+200.00

DRAWING SET
PROTECTED SITE

PLATE
P-12

DATE
12/15/2017

DRAWING NAME: J:\TOR\602896 GH-HTD 407 TRANSITWAY HURONTARIO-HWY 400 (TT\5 General\D3 - Drawings\2 - Property\PROTECTED SITE PLATES\407 TWD_PROTECTED_SITE_PLATE_12.dwg
CREATED: RMS
MODIFIED: Apr 12, 2018 - 3:35pm

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

May 14th, 2018

Ms. Jordan Erasmus
Senior Planner
Infrastructure Ontario
Head Office
One Dundas Street West, Suite 2000
Toronto, Ontario
M5G 1Z3

Dear Ms. Erasmus:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001, Draft Environmental Project Report (EPR) Comments

This is further to my letter to you dated April 23rd, 2018 and subsequent discussions I have had with Mr. Ernest Abraham regarding the Draft Environmental Project Report for the above assignment and the lands being protected for environmental compensation.

The 407 Transitway Project Team has continued to investigate potential environmental compensation sites for this project in response to the concerns raised by Mr. Abraham regarding the impacts of protecting certain lands on Infrastructure Ontario land sale revenue goals.

In addition to the two properties located south/east of the Transitway around Farmhouse Court and the lands east of Martin Grove Road that the Ministry of Transportation previously agreed to release, west of Albion Road will no longer be protected due to the existing easement in place on this site. To accommodate these changes, adjustments have been made by adding acreage to identified environmental compensation lands and the addition of a site north of Steeles Avenue East and west of Highway 27, as additionally suggested by Infrastructure Ontario. The table below contains the revised protected sites for environmental compensation.

Ministry of Transportation

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Tél. : 416 235-5255
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Ontario

407 TRANSITWAY PROTECTED SITES FOR ENVIRONMENTAL COMPENSATION AND LAND EXCHANGE			
PLATE #	**LOCATION**	**April 23, 2018 AREA (ac)**	**REVISED AREA (ac)**
1	EAST OF HURONTARIO STREET	8.62	8.62
2	EAST OF KENNEDY ROAD	13.55	13.55
3	WEST SIDE OF FARMHOUSE COURT	12.4	**24.99**
4	WEST OF TOMKEN ROAD	5.04	**11.06**
5	WEST OF SPRING CREEK	2.36	**3.07**
6	EAST OF CNR HALTON	14.83	**12.62**
7	WEST OF STEELES AVENUE EAST	9.79	**8.26**
8	EAST OF GOREWAY DRIVE (*LAND EXCHANGE*)	8.02	8.02
~~9~~	~~WEST OF ALBION ROAD~~	~~1.30~~	~~**0**~~
9 (new)	NORTH OF STEELES AVENUE EAST AND WEST OF HIGHWAY 27	0	**6.10**
10	EAST OF HIGHWAY 27	1.44	1.44
11	WEST OF ISLINGTON AVENUE	14.18	14.18
12	WEST OF WESTON ROAD	9.06	9.06
	TOTAL AREA (land exchange not included):	**92.71**	**101.31**

As stated in my April 23rd letter, to meet our study timelines for finalization of the Transitway Environmental Project Report, please provide the Ministry of Transportation with confirmation by May 25th, 2018 that Infrastructure Ontario is in agreement with the lands identified for environmental compensation for this project as set out in the table and shown on the attached property plates and that they are owned by the Province of Ontario, Please be advised that if a response is not received from Infrastructure Ontario by this date, the Environmental Project Report will remain unchanged.

In my April 23rd letter, I also requested that Infrastructure Ontario proceed with the land exchange east of Goreway Drive. We would appreciate confirmation as to when this will occur.

Sincerely,

Graham DeRose
Project Manager

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

Encl. – Property Plates

c.c. Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited
Ernest Abraham, IO
Patrick Grace, IO
David Macey, IO

SUMMARY OF PROTECTED PROPERTY SITES						
PLATE NUMBER	PIN NUMBER	LOCATION	OWNER	TYPE OF OWNERSHIP	TYPE OF PROTECTED SITE	APPROX. AFFECTED AREA (ac)
1	140291352	EAST OF HURONTARIO STREET	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	8.62
2	143000197	EAST OF KENNEDY ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	13.55
3	143000171	WEST SIDE OF FARMHOUSE COURT (1)	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS;	Provincial	Proposed Environmental Compensation Site	9.60
3	143000049	WEST SIDE OF FARMHOUSE COURT (2)	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	15.38
4	140280344	WEST OF TOMKEN ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF PUBLIC INFRASTRUCTURE RENEWAL;	Provincial	Proposed Environmental Compensation Site	11.06
5	140280396	WEST OF SPRING CREEK	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	3.55
6	140260325	EAST OF CNR HALTON	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	12.62
7	140260317	WEST OF STEELES AVENUE EAST	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	8.26
8	Unknown	EAST OF GOREWAY DRIVE	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Potential Land Exchange	8.02
9	032200044	NORTH OF STEELES AVENUE EAST AND WEST OF HWY427	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	6.10
10	032210089	EAST OF HIGHWAY 27	SMITH FARM PROPERTY HOLDINGS INC.;	Private	Proposed Environmental Compensation Site	1.44
11	032220705	WEST OF ISLINGTON AVENUE	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF ENERGY AND INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	14.18
12	Unknown	WEST OF WESTON ROAD	HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE MINISTER OF INFRASTRUCTURE;	Provincial	Proposed Environmental Compensation Site	9.06

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CREATED:
MODIFIED: May 11, 2018 - 10:40am

Ontario PARSONS IBI GROUP

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Horizontal
1m 0 2m
Vertical

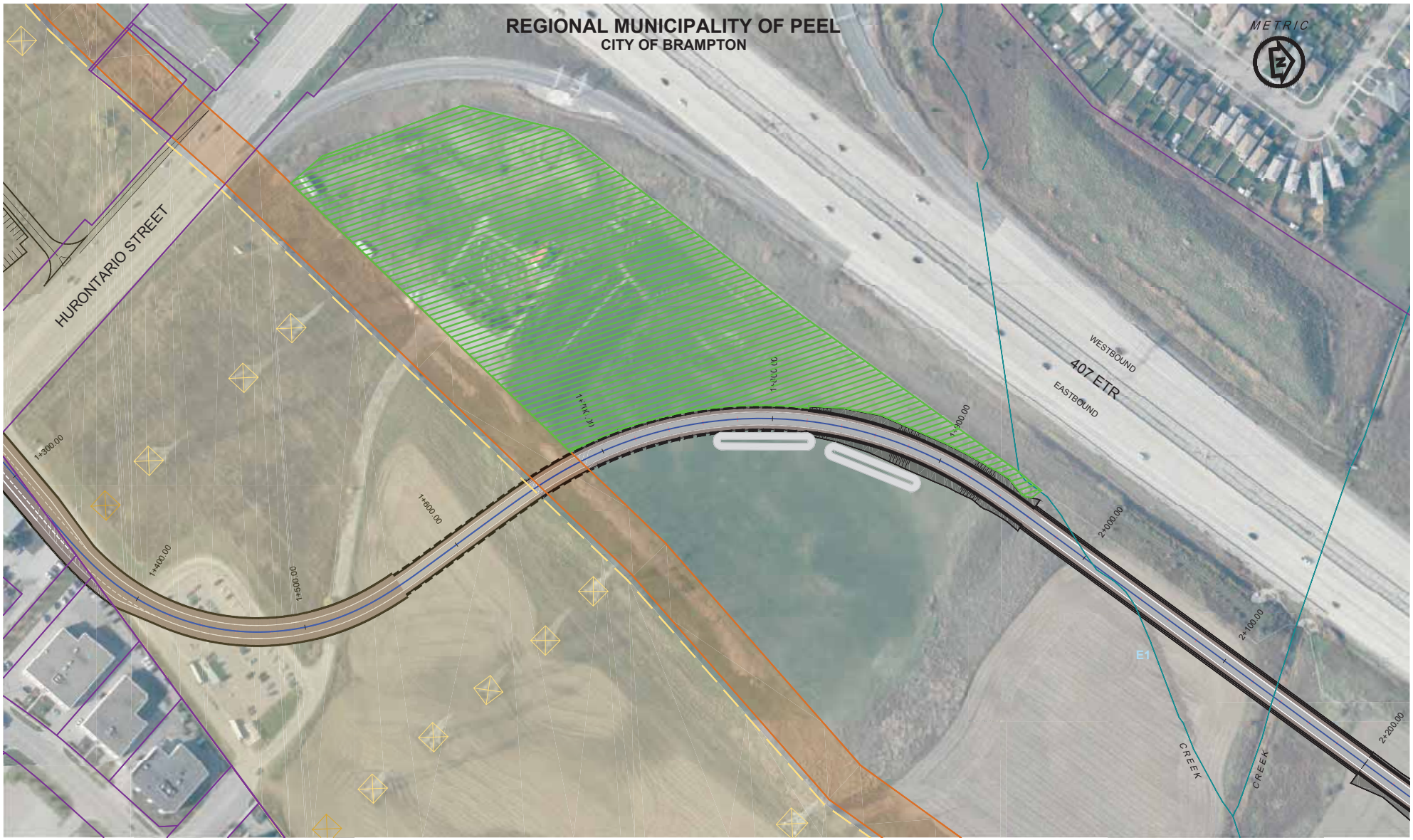
LEGEND

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

DRAWING SET
PROTECTED SITES

PLATE
P-0

DATE
05/08/2018



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Horizontal
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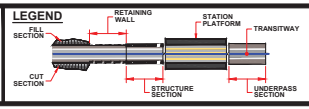
Vertical

LEGEND



- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 1+300.00 TO STA 2+200.00

DRAWING SET
PROTECTED SITE

PLATE
P-1

DATE
12/15/2017

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Ontario PARSONS IBI GROUP

SCALE

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Horizontal
1m 0 2m
Vertical

LEGEND

RETAINING WALL
STATION PLATFORM
TRANSITWAY
FILL SECTION
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 2+700.00 TO STA 3+500.00

DRAWING SET
PROTECTED SITE

PLATE
P-2

DATE
12/15/2017

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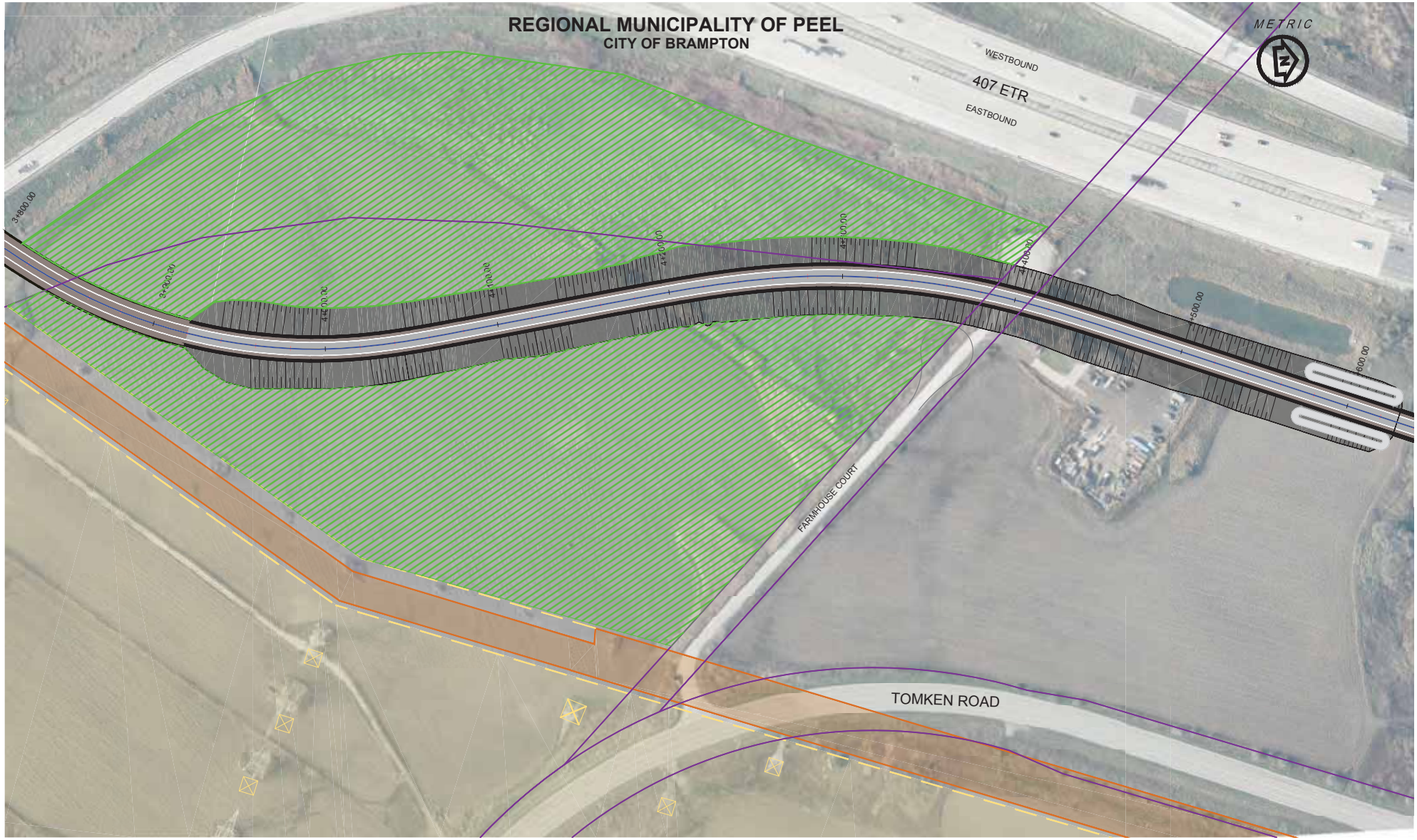

Ontario PARSONS IBI GROUP

SCALE

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Horizontal
1m 0 2m
Vertical

LEGEND

FILL SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 3+800.00 TO STA 4+650.00

DRAWING SET
PROTECTED SITE

PLATE
P-3

DATE
05/07/2018

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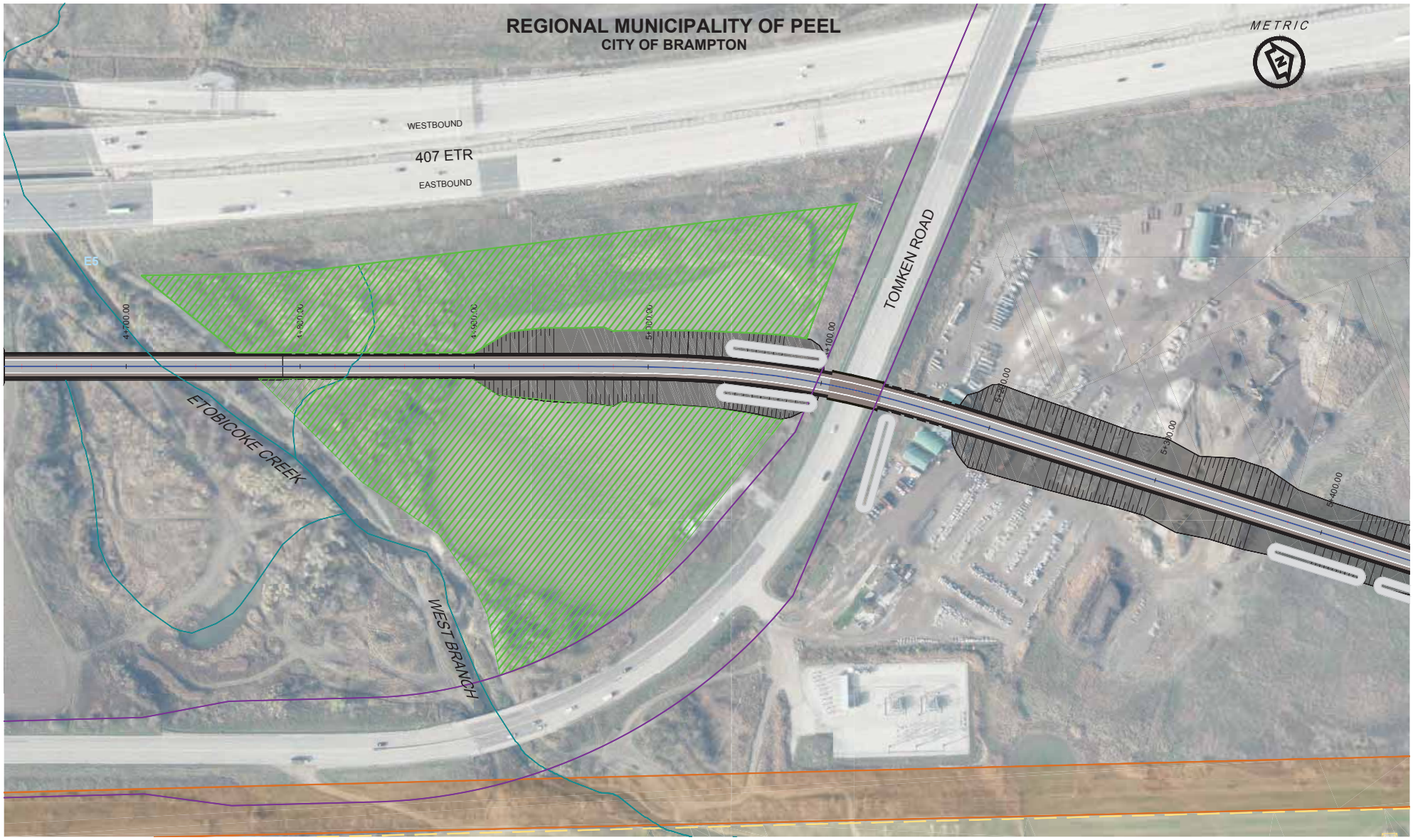
REGIONAL MUNICIPALITY OF PEEL
CITY OF BRAMPTON



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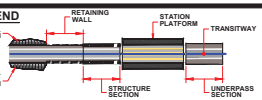

- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 4+650.00 TO STA 5+450.00

DRAWING SET
PROTECTED SITE

PLATE
P-4

DATE
05/07/2018

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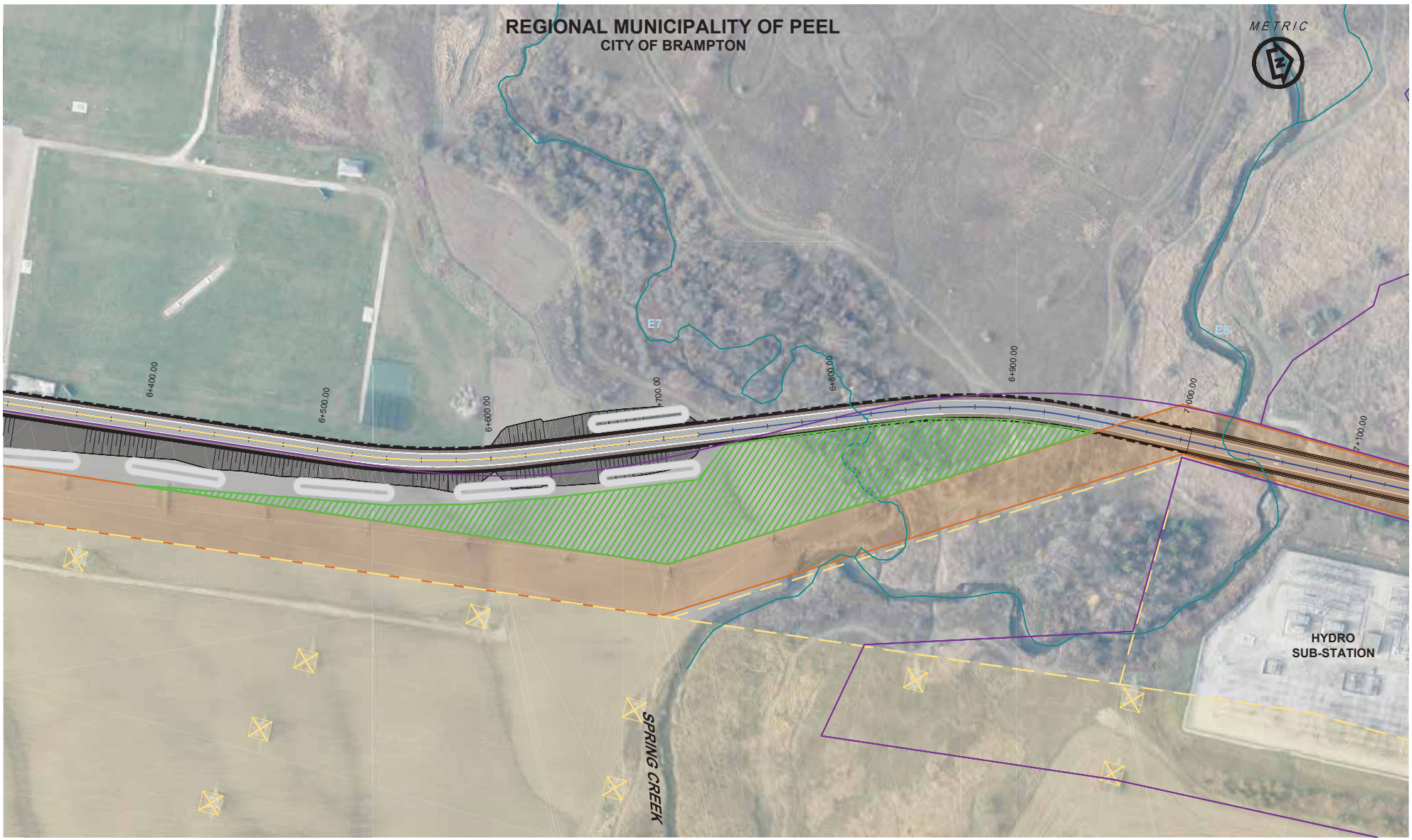

Ontario PARSONS IBI GROUP

SCALE

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Horizontal
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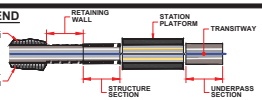
Vertical

LEGEND



- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 6+320.00 TO STA 7+130.00

DRAWING SET
PROTECTED SITE

PLATE
P-5

DATE
05/08/2018

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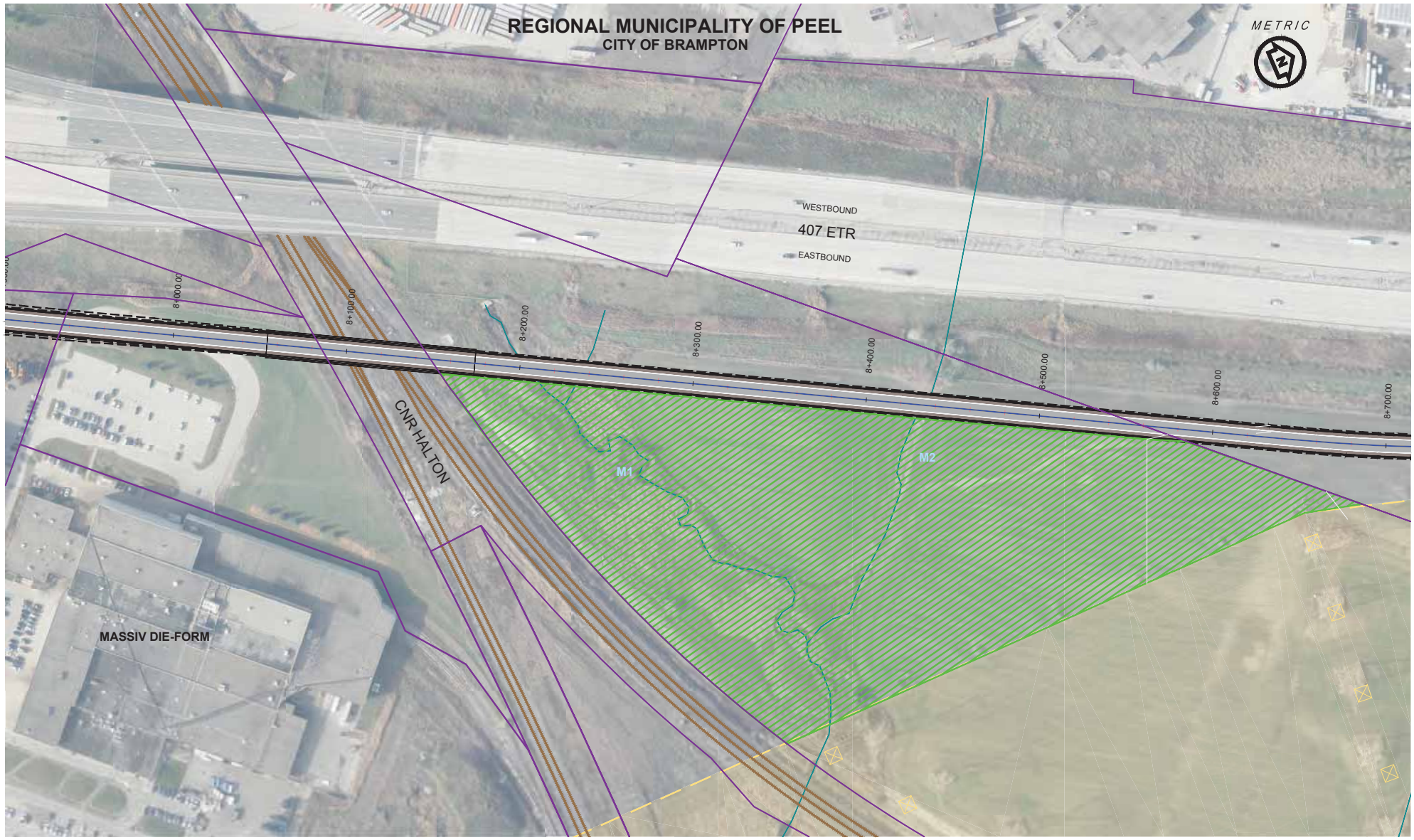

Ontario PARSONS IBI GROUP

SCALE

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Horizontal
1m 0 2m
Vertical

LEGEND

FILL SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE

PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 7+900.00 TO STA 8+700.00

DRAWING SET
PROTECTED SITE

PLATE
P-6

DATE
05/08/2018

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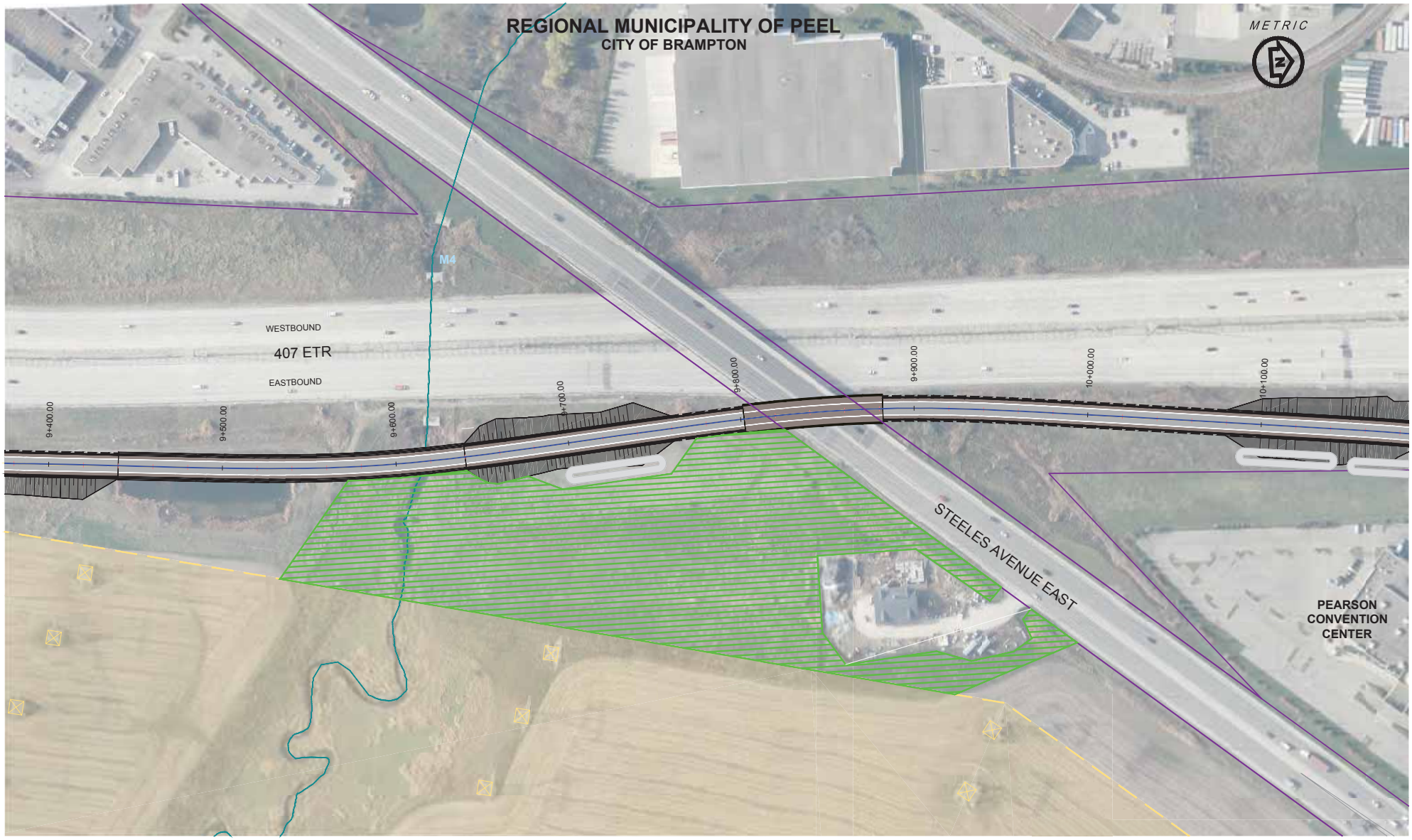

Ontario PARSONS IBI GROUP

SCALE

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Horizontal
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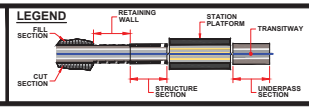
Vertical

LEGEND



- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- ENVIRONMENTAL COMPENSATION SITE
- EXCHANGE LAND
- ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 9+400.00 TO STA 10+180.00

DRAWING SET
PROTECTED SITE

PLATE
P-7

DATE
12/15/2017

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TS\General\03 - Drawings\7 - Property\PROTECTED SITE PLATES\407 TWL_PROTECTED_SITE_PLATE_7.dwg
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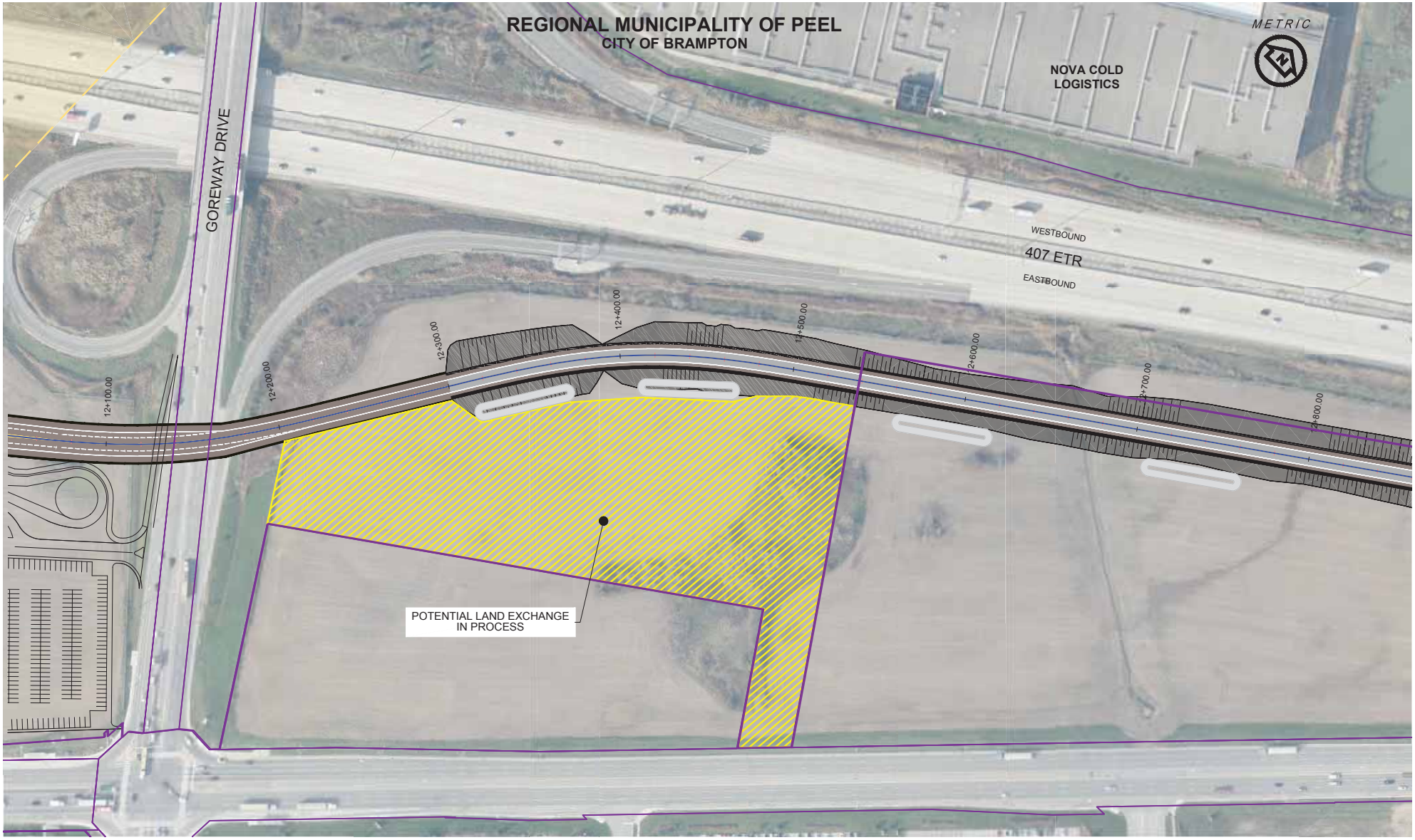

Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND

FILL SECTION, RETAINING WALL, STATION PLATFORM, TRANSITWAY, CUT SECTION, STRUCTURE SECTION, UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 12+050.00 TO STA 12+850.00

DRAWING SET
PROTECTED SITE

PLATE
P-8

DATE
12/15/2017

DRAWING NAME: J:\TOR\602886 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TS\General\03 - Drawings\7 - Property\PROTECTED SITE PLATES\407 TWL_PROTECTED_SITE_PLATE_8.dwg
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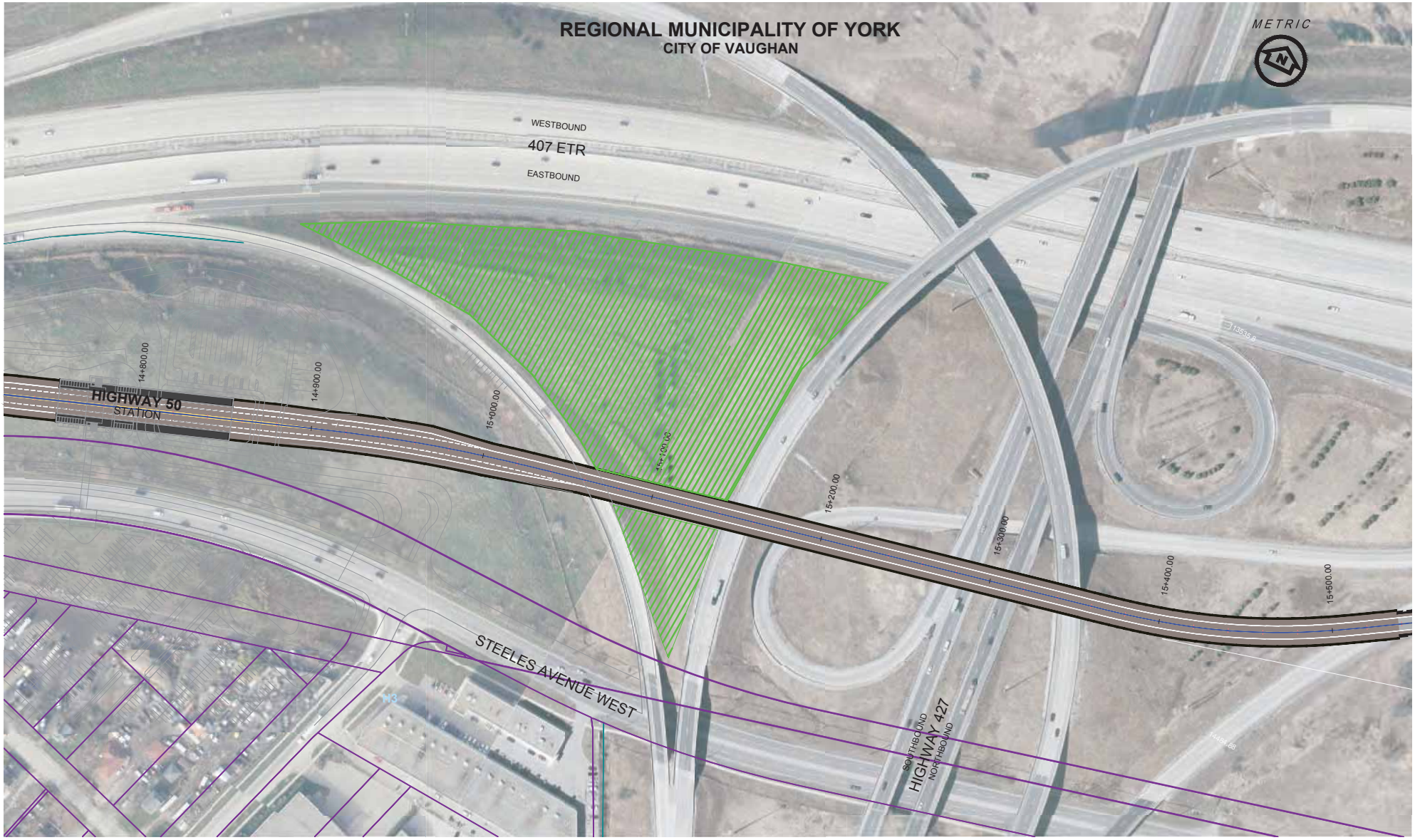

Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND

FILL SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 14+100.00 TO STA 15+300.00

DRAWING SET
PROTECTED SITE

PLATE
P-9

DATE
05/10/2018

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TS\General\03 - Drawings\7 - Property\PROTECTED SITE PLATES\407 TWY_PROTECTED_SITE_PLATE_09.dwg
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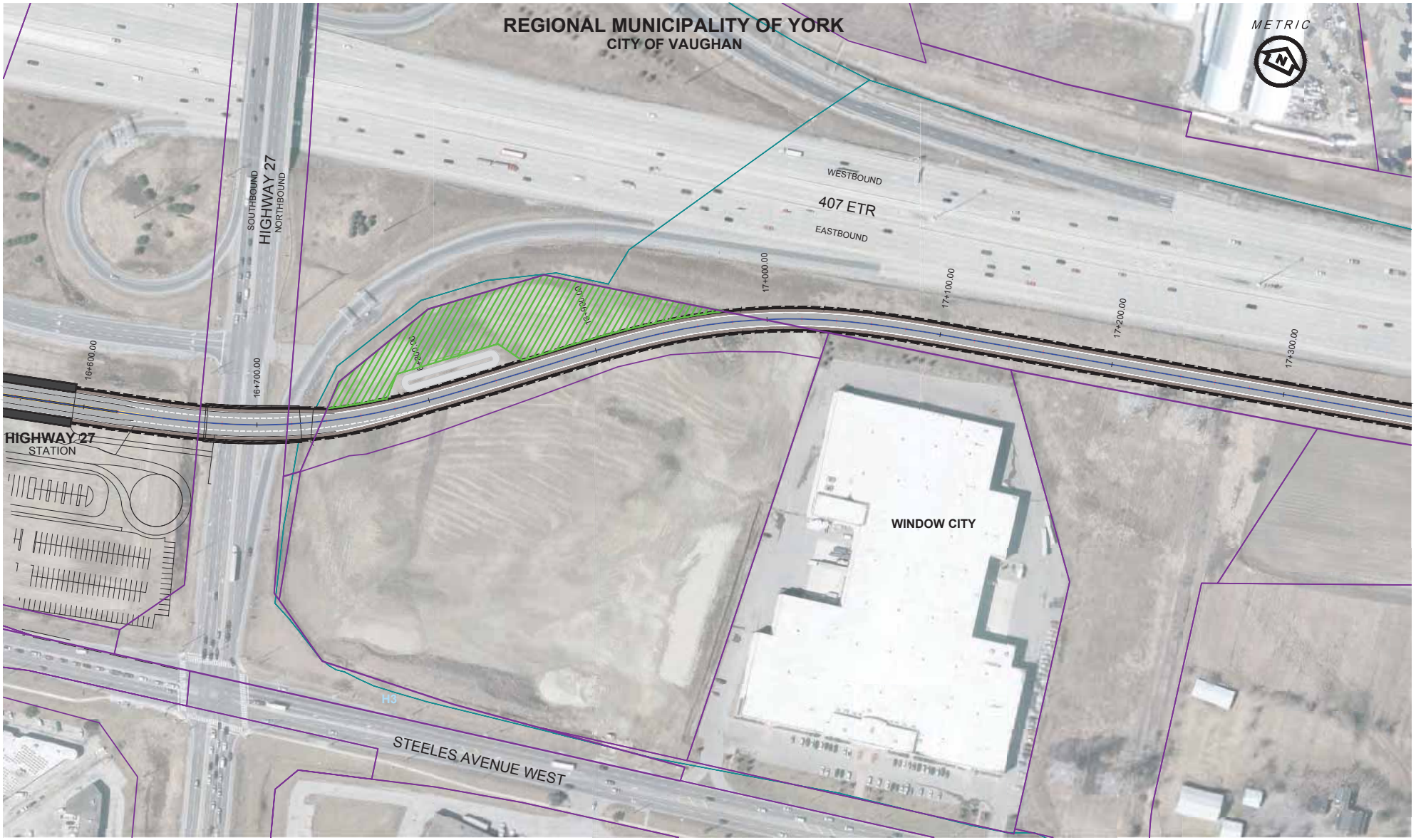
MODIFIED: May 10, 2018 - 11:39am



Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND

FILL SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY

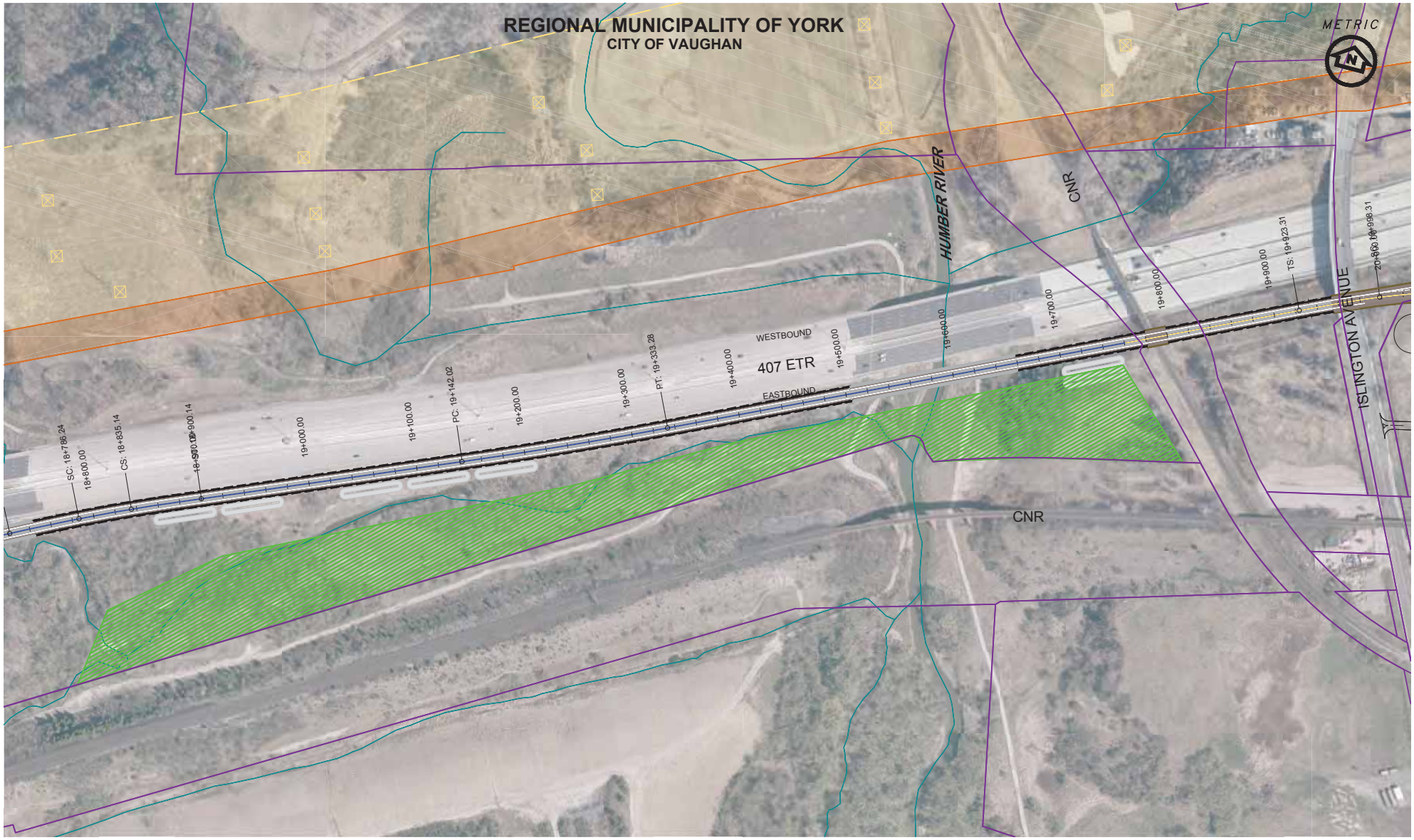
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 16+550.00 TO STA 17+370.00

DRAWING SET
PROTECTED SITE

PLATE
P-10

DATE
04/12/2018

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TS\General\03 - Drawings\7 - Property\PROTECTED SITE PLATES\407 TWY_PROTECTED_SITE_PLATE_10.dwg
CREATED: RM3 MODIFIED: May 10, 2018 11:41am



Ontario PARSONS IBI GROUP

SCALE
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LEGEND
FILL SECTION
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STATION PLATFORM
TRANSITWAY
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE
PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

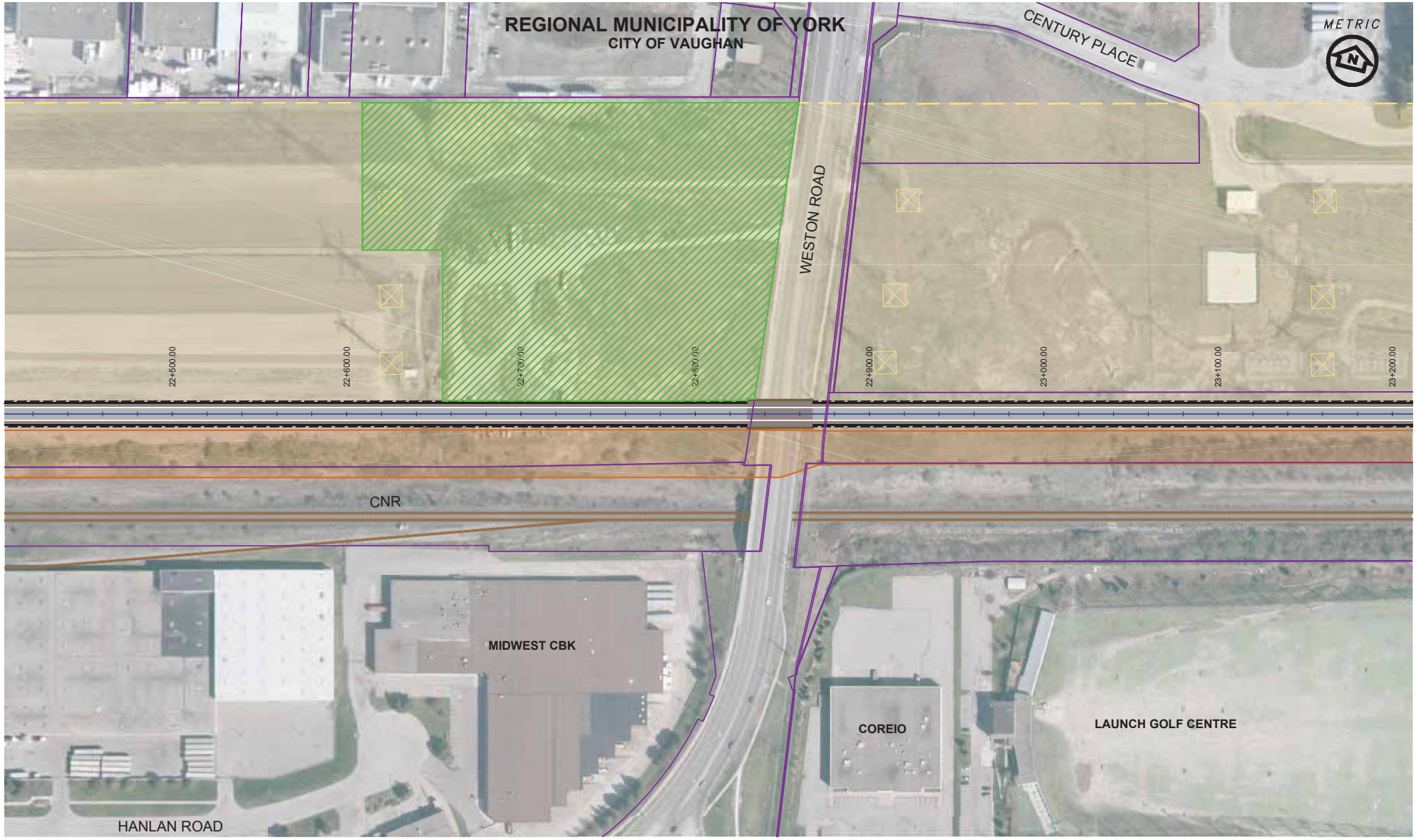
407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 18+800.00 TO STA 20+000.00

DRAWING SET
PROTECTED SITE

PLATE
P-11

DATE
04/12/2018

DRAWING NAME: J:\TOR\602896 ON-002 407 TRANSITWAY HURONTARIO - HWY 400\TT\5 General\03 - Drawings\7 - Property\PROTECTED SITE PLATES\407 TWP_PROTECTED_SITE_PLATE_1.dwg
CREATED: RMJ
MODIFIED: May 10, 2018 - 11:17am



Ontario PARSONS IBI GROUP

SCALE

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Horizontal
1m 0 2m
Vertical

LEGEND

FILL SECTION
RETAINING WALL
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

HYDRO TOWER TOLERANCE PERIMETER
HYDRO CORRIDOR
UTILITY CORRIDOR
RAILWAY CORRIDOR
WATER COURSE

PROPERTY LINE
ENVIRONMENTAL COMPENSATION SITE
EXCHANGE LAND
ENHANCED SWALES

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 22+400.00 TO STA 23+200.00

DRAWING SET
PROTECTED SITE

PLATE
P-12

DATE
12/15/2017

DRAWING NAME:
CREATED: RM3
MODIFIED:

MINISTRY OF MUNICIPAL AFFAIRS

Liz Speller

From:	Tulloch, Loralea (MMA/MHO) <Loralea.Tulloch@ontario.ca>
Sent:	Wednesday, April 19, 2017 4:26 PM
To:	Kerslake, Holly
Cc:	DeRose, Graham (MTO); Garron, Gus; r.minnesconsulting@gmail.com; Barber, Steven (MMA/MHO); Koblauch, Kasper (MMA/MHO)
Subject:	RE: 407 Transitway - Hurontario Street to Highway 400 - Utility Corridor Information

Hi Holly,

Further to our phone conversation, we do not have the information you are looking for but suggest you contact the utility agencies directly to determine the exact location of existing and future utilities in this area.

Jamie Delaney
Distribution Planning and Records
Enbridge Gas Distribution
416-495-6321

Ann Newman
Supervisor Row Services, Eastern Region Operations
Enbridge Pipeline
519-339-0500

Richard (Rick) Schatz
Senior Real Estate Coordinator
Hydro One Networks
Facilities and Real Estate
905-946-6233

Best Regards,

Loralea

Loralea Tulloch
Planner, Community Planning and Development (West)
Municipal Services Office – Central Ontario
Ministry of Municipal Affairs | Ministry of Housing
777 Bay Street, 13th Floor, Toronto, Ontario M5G 2E5
Ph. 416-585-7323

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: April-18-17 2:20 PM
To: Tulloch, Loralea (MMA/MHO); Barber, Steven (MMA/MHO)
Cc: DeRose, Graham (MTO); Garron, Gus; r.minnesconsulting@gmail.com
Subject: 407 Transitway - Hurontario Street to Highway 400 - Utility Corridor Information

Hi Loralea & Steven,

Parsons Inc. has been retained by MTO to undertake the Environmental Assessment and Preliminary Design of the 407 Transitway Hurontario St. to Highway 400. This project includes approximately 23 km of dedicated Transitway running parallel to Highway 407 and 8 Transitway Stations. The Environmental Assessment will be developed under the Transit Project Assessment Process (TPAP). Below is a map of the study area for your reference.

As you will see, the proposed corridor runs within the vicinity of the Utility Corridor. Keeping that in mind, we are looking for existing and future utility information (drawings etc.) within the utility corridor throughout our study area. More specifically, the two areas we are interested in are as follows:

- South of the 407 ETR just west of Bramalea Road; and,
- West of Hwy 400 running parallel to Steeles Ave.

I have attached a figure for reference (from PIC #1).

If you are not the correct point of contact for this request, if you could please let me know who is that would of great help. Your help in getting this information is greatly appreciated.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Kerslake, Holly
Sent: Tuesday, August 8, 2017 9:38 AM
To: 'Zhuo, Julianna (MMA/MHO)'
Cc: 'DeRose, Graham (MTO)'; 'r.minnesconsulting@gmail.com'; 'Sarris, Larry (MTO)'; 'Firmani, Adrian (MTO)'; Garron, Gus; 'Gonzalez, Alejandra (MMA/MHO)'
Subject: RE: MMA Meeting - Letter and Minutes
Attachments: 2017.07.14 - MMA Meeting - Meeting Minutes.pdf; 2017.07.21 - MMA Letter - Bramalea Area.pdf

Hi Julianna,

I am just following up to my email below, please let me know if you have any questions or concerns with the documents provided.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Monday, July 24, 2017 2:05 PM
To: 'Zhuo, Julianna (MMA/MHO)' <Julianna.Zhuo@ontario.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>
Subject: RE: MMA Meeting - Letter and Minutes

Great! Thanks Julianna.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Zhuo, Julianna (MMA/MHO) [mailto:Julianna.Zhuo@ontario.ca]
Sent: Monday, July 24, 2017 10:49 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO)

<Larry.Sarris@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>
Subject: RE: MMA Meeting - Letter and Minutes

Hi Holly,

We are in receipt of your email. Thank you so much for sending us the documents. We will get back to you with further information as soon as we can.

Regards,

Julianna Zhuo
Assistant Planner, Community Planning and Development (West)
Municipal Services Office – Central Ontario
Ministry of Municipal Affairs | Ministry of Housing
777 Bay Street, 13th Floor, Toronto, Ontario M5G 2E5
Ph. 416-585-6652

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: July 21, 2017 8:53 AM
To: Gonzalez, Alejandra (MMA/MHO); Zhuo, Julianna (MMA/MHO)
Cc: DeRose, Graham (MTO); r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Firmani, Adrian (MTO); Garron, Gus
Subject: MMA Meeting - Letter and Minutes

Hi Alejandra & Julianna,

Thank-you very much for hosting the meeting last Friday, it was very valuable to us. As agreed, we have prepared a Memo providing the background of the project and description of the alternatives considered for the Bramalea area. Also attached are the meeting minutes from last Friday's meeting.

Please let me know if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

July 21st, 2017

Alejandra Gonzalez
Planner, Community Planning and Development (West)
Municipal Service Office – Central Region
Ministry of Municipal Affairs
777 Bay Street, 13th Floor
Toronto ON M5G 2E5

SUBJECT: 407 TRANSITWAY HURONTARIO STREET TO HIGHWAY 400 TPAP AND PRELIMINARY DESIGN ALIGNMENT TROUGH THE BRAMALEA ROAD AREA

Hello Alejandra,

As agreed in our meeting last week, please see below a summary of the discussed issues regarding the 407 Transitway alignment, and potential impact to the Utility Corridor Easement through the Bramalea Road Area.

1.0 Background

The 407 Transitway was incorporated into the Parkway Belt West Plan by way of Parkway Belt Amendment No. 147 in 2000. This amendment designated the 407 Transitway alignment, stations, works yards, and associated facilities that had been identified in the MTO Transitway Corridor Protection Study, 1998, as Inter-urban Transit Corridor.

MTO is seeking MOECC approval for the entire 150 km 407 Transitway. The sections east of Highway 400 to Brock Road have received environmental approvals under the MOECC TPAP Regulation. The sections east of Brock Road received approval as part of the 407 East Completion/Transitway EA. Two TPAP studies are currently underway covering the sections from Highway 400 to Hurontario Street and from Winston Churchill Boulevard to Brant Street. These studies, which include refining the design of the facility, are to facilitate protection of the required property, which is mostly in Provincial ownership, and to ensure successful implementation, which will be staged into the future. The Minister of Transportation also designates the identified lands under the Public Transportation and Highway Improvement Act, to ensure protection.

Throughout the study processes, all efforts have been made to avoid any conflicts with other Parkway Belt components including the Hydro and Utility Corridors; the goal being to locate the Transitway facilities as close to Highway 407 as possible to minimize impacts to the other corridors. Being a fully grade separated facility with stations and yards in an urbanized corridor, inevitable challenges arise at certain locations.

One of these locations is just west of Bramalea Road south of Highway 407. At this location, the Emerald Energy and Iroquois Energy operations, which have existed since the 1990's, provide limited space for the 407 Transitway and Utility corridors. As such, Amendment No. 147 designated the two corridors on top of each other for an approximate distance of 250m.

Enbridge Energy recently constructed a major gas pipe through this area. Instead of being located within the Utility Corridor at this location, the pipe was located to the north within the Emerald Energy site. It is believed this decision was made to avoid conflict with the 407 Transitway Corridor as identified in the Property Protection Study and Parkway Belt West Plan.

The Study Team for this ongoing Transitway study has investigated all alignment opportunities and the results follow.

2.0 Alignment opportunities considered by MTO

Alignment alternatives considered through this area are illustrated in attached figure and described below.

Alternative 1 – North of Highway 407 ETR – Excessive cost due to significant private property requirements, two bridges over 407 ETR core lanes, and operational challenges. This Alternative was not considered feasible.

Alternative 2 – Between Highway 407 ETR and Emerald Energy plant – Transitway would require a very deep, complex and costly tunnel under the south ETR ramps of the Bramalea Interchange and under Bramalea Road causing severe drainage challenges. Land just north of the Emerald Energy plant is environmentally sensitive and includes an existing ETR pond between the Highway and the Emerald Energy property. This Alternative was not considered feasible.

Alternative 3 – Just north of the Enbridge pipe and the Inter-urban Transit/Utility Corridor – Within Emerald Energy property. It affects Emerald Energy's expansion plans, which are constrained by available land suitable for infrastructure. This alternative, which locates approximately 250m of the guideway within Emerald Energy's property, is technically feasible but has significant impact to Emerald Energy's future expansion plans.

Alternative 4 – Alignment south of Emerald Energy plant and Enbridge pipe, bridging over the Inter-urban Transit/Utility Corridor. It requires below grade easements for pier footings and a 250m long air structure easement 5m above the ground. This Alternative presents the following characteristics:

It bridges over approximately 250m of the Inter-urban Transit/Utility Corridor. The initial concept design of the Transitway (illustrated in attached drawing) proposes a 12.5m guideway 5m above ground, supported by central columns allowing clearance for installation of future above and below ground services if required. However, there is plenty of flexibility in the design to accommodate existing and/or future utilities as follows:

The Utility Corridor is 30m wide, while the Transitway guideway is only 12.5m wide. The guideway can be shifted to avoid impact of the columns on existing or futures utility lines. Further, there is also the opportunity to design lateral supporting columns (rather than central columns) if necessary.

3.0 Conclusion

Having analyzed all opportunities and impacts, the Project Team recommends Alignment Alternative 4 as the viable option. Due to the nature of the Transitway design being on an elevated structure for this alternative, it will provide for the continued functioning of the Utility Corridor for above and below grade utilities with minimal impact. Further, since the Alternative 4 Transitway alignment is within the Inter-urban Transit Corridor, it conforms with the Parkway Belt West Plan and would not require an amendment.

If you are in agreement, the Design Team will contact Infrastructure Ontario to ensure that the Transitway Design does not conflict with any existing utility easements and if so, make the corresponding design adjustments.

If you require any further information or clarification, please contact us. Thank you for your cooperation and assistance.

Sincerely,

Gus Garron

Parsons Project Manager (Technical)
407 Transitway, Hurontario Street to Highway 400 TPAP and Preliminary Design

Cc': Julianna Zhuo (MMAH Planner), Graham DeRose (MTO Project Manager), Larry Sarris (MTO Planner), Adrian Firmani (MTO Planner), Robb Minnes (Parsons Planning Advisor), Holly Kerslake (Parsons Project Coordinator)

BRAMALEA GO STATION

STEELES AVE E

REGIONAL MUNICIPALITY OF PEEL
CITY OF BRAMPTON

CNR HALTON

TORBRAM RD

HWY 407

1

2

3

4

BRAMALEA RD

UTILITY CORRIDOR

UTILITY CORRIDOR

HYDRO CORRIDOR

Etobicoke Creek

Ontario PARSONS IBI GROUP

SCALE

1: 8000

LEGEND

- HYDRO CORRIDOR
- UTILITY CORRIDOR
- ALIGNMENT OPTIONS
- WATER COURSES
- Rail Corridor
- STATION OPTIONS

407 TRANSITWAY
BRAMALEA OPTIONS

DRAWING SET
PLANNING OPTIONS

PLATE

DATE
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DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TT\5 General\03 - Drawings\6 - Plates\Evolution graphics\407 TW3 - alignment.dwg
CREATED: MODIFIED: Jul 17, 2017 - 8:50am MODTIME

From:	Liz Speller
To:	Liz Speller
Subject:	FW: MMA Letter - 407 Transitway Alignment
Date:	December-12-17 9:06:02 AM

From: Kerslake, Holly
Sent: Wednesday, October 04, 2017 6:50 PM
To: Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Cc: r.minnesconsulting@gmail.com; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>; Lyons, Darryl (MMA/MHO) <Darryl.Lyons@ontario.ca>; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>
Subject: RE: MMA Letter - 407 Transitway Alignment

Hi Julianna,

Thank-you for the letter and response, much appreciated. We will let you know if we have any additional questions or concerns.

Thanks again!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Zhuo, Julianna (MMA/MHO) [mailto:Julianna.Zhuo@ontario.ca]
Sent: Wednesday, October 04, 2017 3:29 PM
To: Garron, Gus <Gus.Garron@parsons.com>
Cc: r.minnesconsulting@gmail.com; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>; Lyons, Darryl (MMA/MHO) <Darryl.Lyons@ontario.ca>; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>
Subject: MMA Letter - 407 Transitway Alignment

Hi Gus,

Sorry for the delayed response. Please find the attached MMA's letter regarding the proposed 407 Transitway Alignment in south-west of Highway 407 and Bramalea Road (MMA File No: 21-OTH-179364). A copy of the Parkway Belt West Plan as well as the Plan's associated Map 4 have also been attached.

If you have any further questions regarding the letter, please feel free to contact me.

Regards,

Julianna Zhuo
Assistant Planner, Community Planning and Development (West)
Municipal Services Office – Central Ontario
Ministry of Municipal Affairs | Ministry of Housing
777 Bay Street, 13th Floor, Toronto, Ontario M5G 2E5
Ph. 416-585-6652

Ministry of Municipal Affairs
Ministry of Housing

Municipal Services Office
Central Ontario
777 Bay Street, 13th Floor
Toronto ON M5G 2E5
Phone: 416 585-6226
Facsimile: 416 585-6882
Toll-Free: 1 800 668-0230

Ministère des Affaires municipales
Ministère du Logement

Bureau des services aux municipalités
du Centre de l'Ontario
777, rue Bay, 13e étage
Toronto ON M5G 2E5
Téléphone : 416 585-6226
Télécopieur : 416 585-6882
Sans frais : 1 800-668-0230

Ontario

October 4th, 2017

Sent via email only

Gus Garron
Project Manager, Parsons
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9

Dear Mr. Garron,

Re: Proposed 407 Transitway Alignment at South West of Bramalea Road and Highway 407 in City of Brampton, Region of Peel
MMA File No: 21-OTH-179364

Thank you for consulting the Ministry of Municipal Affairs (MMA) on the Ministry of Transportation's (MTO) proposed 407 Transitway alignment, located at the south-west section of the Highway 407 and Bramalea Road in Brampton. You have indicated in your cover letter that you have considered four alignment alternatives and that the option No.4 is determined to be the preferred alignment.

Based on the information provided, staff have reviewed the proposal in the context of the Parkway Belt West Plan (PBWP). The PBWP divides the area covered by the Plan into two land use categories, the 'Public Use Area' and the 'Complementary Use Area'. The 'Public Use Area' consists of areas designated as 'Public Open Space and Buffer Area', 'Utility', 'Electric Power Facility', 'Road' and 'Inter-Urban Transit'. The 'Complementary Use Area' comprises areas designated as 'General Complementary Use Area' and 'Special Complementary Use Area'

It appears that the proposed Transitway alignment – Option 4 is located within the 'Public Use Area' of the PBWP. According to Section 5.4.1 of the Plan, the permitted uses within the 'Public Use Area' include Linear Facilities, such as linear transportation, communication, utility facilities, and their accessory facilities. The subject lands can be found on Map 4: Northern Link (Milton-Woodbridge) of the PBWP. The Map 4 is attached hereto.

Further, the 'Inter-Urban Transit' designation along the Highway 407 is a result of Amendment #147 to the PBWP by the MTO, which was approved by the MMA in 2000. The amendment proposed a 30 meters 'Inter-urban Transit' right-of-way under the

'Public Use Area', along the Highway 407 between the Ninth Line and Markham Road, in the PBWP.

Based on the information provided, it appears that the proposed use aligns with the permitted uses under Section 5.4.1 of the PBWP. Given that both utility and transportation facilities are permitted within the 'Public Use Area', we recommend that staff undertaking Environmental Assessment process be satisfied that the proposed use does not preclude any existing or future utility uses, above and below ground. As such, we would recommend consulting with relevant utility providers such as, Enbridge, Trans Canada pipeline, as well as Infrastructure Ontario, to determine the location of existing utility uses within the proposed route.

If you have any further question, please do not hesitate to contact me.

Yours truly,

Julianna Zhuo
Assistant Planner, Community Planning and Development (West)
Municipal Services Office – Central Ontario
Ministry of Municipal Affairs/ Ministry of Housing

Cc: Robb Minnes, Planning Advisor, Parsons
Graham DeRose, Project Manager, Ministry of Transportation
Adrian Firmani, Transportation Planner, Ministry of Transportation
Larry Sarris, Environmental Planner, Ministry of Transportation
Holly Kerslake, Project Coordinator, Parsons
Rita Kelly, Project Manager, Infrastructure Ontario

BRAMALEA GO STATION

STEELES AVE E

REGIONAL MUNICIPALITY OF PEEL
CITY OF BRAMPTON

CNR HALTON

TORBRAM RD

HWY 407

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UTILITY CORRIDOR

UTILITY CORRIDOR

HYDRO CORRIDOR

Etobicoke Creek

Ontario PARSONS IBI GROUP

SCALE

1: 8000

LEGEND

- HYDRO CORRIDOR
- UTILITY CORRIDOR
- ALIGNMENT OPTIONS
- WATER COURSES
- Rail Corridor
- STATION OPTIONS

407 TRANSITWAY
BRAMALEA OPTIONS

DRAWING SET
PLANNING OPTIONS

PLATE

DATE
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DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TT\5 General\03 - Drawings\6 - Plates\Evolution graphics\407 TW3 - alignment.dwg
CREATED: MODIFIED: Jul 17, 2017 - 8:50am MODTIME

TORONTO AND REGION CONSERVATION AUTHORITY

Liz Speller

From: Kerslake, Holly
Sent: December-07-17 1:15 PM
To: 'Suzanne Bevan'
Cc: DeRose, Graham (MTO); Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)

Ok thanks Suzanne. The presentation will be distributed after the meeting and I will make sure to send you a copy.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Thursday, December 07, 2017 1:03 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)

Hi Holly,

Thanks for the response. I believe there will be at least one TRCA staff member in attendance so no need for Webex.

Much appreciated,
Suzanne
Suzanne Bevan | Senior Planner, Environmental Assessment Planning | Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca | www.trca.on.ca[trca.on.ca] |
Please consider the environment before printing this email

From: "Kerslake, Holly" <Holly.Kerslake@parsons.com>
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, "Garron, Gus" <Gus.Garron@parsons.com>
Date: 12/07/2017 11:39 AM
Subject: RE: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)

Hi Suzanne,

MTO prefers not to distribute the presentation beforehand. I can set up a Webex for you tomorrow if that is easier – please let me know and I can arrange.

Thanks!

Holly

Holly Kerslake
Desk : +1 905 943 0446
Cell : +1 647 467 8379

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Thursday, December 07, 2017 9:08 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: Fw: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)

Hi Holly,

Hope all is well with you.

I am having trouble scheduling commitments tomorrow and was hoping I could have a copy of the presentation in advance of the meeting.
If I am unable to attend, is there a GO TO Meeting type option for the meeting tomorrow?

Thanks,
Suzanne

Suzanne Bevan | Senior Planner, Environmental Assessment Planning | Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca | www.trca.on.ca[trca.on.ca] |
Please consider the environment before printing this email

----- Forwarded by Suzanne Bevan/MTRCA on 12/07/2017 09:03 AM -----

Calendar Entry

Type:	Meeting
Chair:	Holly.Kerslake@parsons.com
Subject:	407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #2 (Revised Date)

When:					
	Starts:	Fri 12/08/2017	09:30 AM	Local time	2 hrs 30 mins
	Ends:	Fri 12/08/2017	12:00 PM	Local time	

Who:

Required: lmarray@creditvalleyca.ca, michael.vallins@cn.ca, Matthew.Williams@mississauga.ca, Makael.Kakakhel@metrolinx.com, lspeller@lgl.ca, Gus.Garron@parsons.com, Vincent.white@cn.ca, Suzanne Bevan/MTRCA, Malcolm.Mackay@metrolinx.com, Hank.Wang@brampton.ca, Adrian.Firmani@ontario.ca, Mani.Shahrokni@vaughan.ca, Stephanie.Segreti@mississauga.ca, malcolm.mackay@gotransit.com, Ernest.Abraham@infrastructureontario.ca, Chris.Lafleur@brampton.ca, Julianna.Zhuo@ontario.ca, Winnie.Leung@parsons.com, r.minnesconsulting@gmail.com, William.Choi@york.ca, Abdul.Shaikh@mississauga.ca, Graham.DeRose@ontario.ca, Rita.Kelly@infrastructureontario.ca, javier.mena.diep@metrolinx.com, Adam.Challice@ontario.ca, Mefimova@407etr.com, Larry.Sarris@ontario.ca, Frank.martins@ontario.ca, Doug.Rieger@brampton.ca, Inderjit.Hans@brampton.ca, sabbir.saiyed@peelregion.ca, dmrkela@407etr.com, Allan.Ortlieb@IBIGroup.com, jbooker@407ETR.com, rick.schatz@hydroone.com, Patrick.Gracc@infrastructureontario.ca, Alejandra.Gonzalez@ontario.ca, Emily.Funnell@ontario.ca, Lorna.Zappone@toronto.ca, steve.mota@york.ca, sjohnston@IBIGroup.com, rbacquie@407etr.com, Yves.Dagssie@ontario.ca

Where:

Location: Parsons Offices - 625 Cochrane Drive., Suite 500 (5th Floor), Markham - 5th Floor, North and South Boardrooms

Due to scheduling conflicts with multiple attendees, the date of TRG 2 is being moved to Friday December 8th, 2017.

Hello All,

This invitation is for the second Technical Resource Group (TRG) meeting for the Ministry of Transportation's 407 Transitway S of Highway 400. The main purpose of this meeting is to present a summary of the Draft Environmental Project Report (EPR), w before it is submitted for your review and comments. Your attendance will be much appreciated by the Project team.

Meeting Location:
Parsons Offices
625 Cochrane Drive., Suite 500 (5th Floor), Markham
5th Floor, North and South Boardrooms

Please let me know if you have any questions or concerns. The agenda will circulate closer to the meeting date.

Regards,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com<mailto:holly.kerslake@parsons.com>
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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Thank you."

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: January-23-18 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com;

Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: December-18-17 12:53 PM
To: Suzanne Bevan
Cc: Garron, Gus; Liz Speller; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Suzanne,

No problem, I am just uploading the files for you now. It's +1.0 GB so it will likely take 30+ minutes or so.

Let me know If you have any other questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Monday, December 18, 2017 12:04 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: Re: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

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Hi Holly,

I am unable to access the link provided. Would you be so kind as to upload the documents to the above link.
Could you also include a copy of the presentation.

Thanks,
Suzie

Suzanne Bevan | Senior Planner, Environmental Assessment Planning |Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca | www.trca.on.ca[trca.on.ca] |
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LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

January 5, 2018

Ms. Suzanne Bevan
Senior Planner
Toronto Region Conservation Authority
5 Shoreham Drive
Downsview, Ontario
M3N 1S4

Dear Ms. Bevan:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. You will receive notification of the formal commencement of the 120-day TPAP period and of the release of the Final EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com**.

If you are unable to attend PIC #2 and would like further information regarding the study, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. N. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

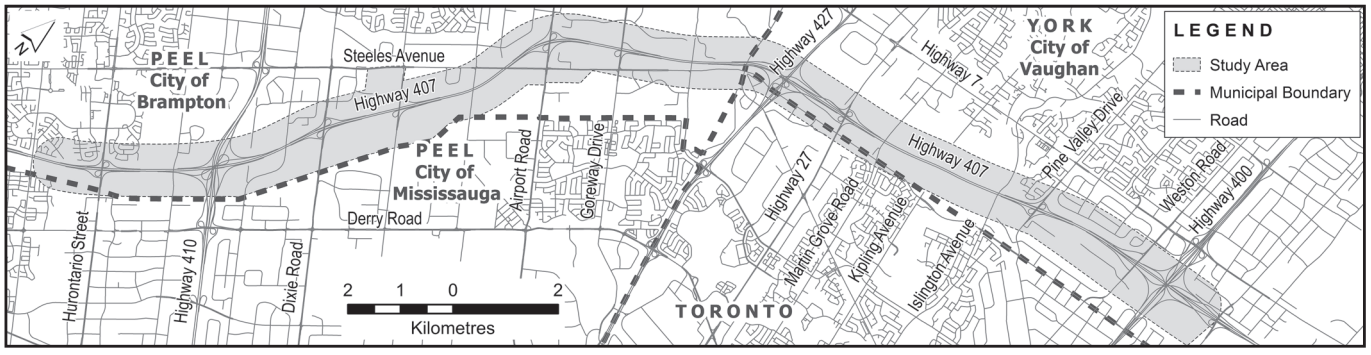
NOTICE OF PUBLIC INFORMATION CENTRE #2

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running along the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. Additional sites within the study area will also be protected in the vicinity of Hurontario Street, Kennedy Road/Tomken Road, Torbram Road, Martin Grove Road, and Weston Road. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed in accordance with the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* As part of the TPAP, an Environmental Project Report will be prepared. The study is currently in the pre-TPAP Phase. The Notice of Commencement for the formal 120-day consultation and documentation TPAP period as well as the Notice regarding the release of the final Environmental Project Report will be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

Members of the public, landowners, agencies and other interested parties are encouraged to participate actively in the study by attending consultation activities or contacting the Project Team directly with information, comments or questions. A Public Information Centre (PIC) was held in December 2016. It presented an introduction to the transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and the initially preferred alignment and station locations.

PUBLIC INFORMATION CENTRE (PIC) # 2

PIC #2 will be held at the following two locations:

Date: **January 23, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **January 25, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

PIC #2 will be an informal drop-in centre. The technically preferred route alignment and stations, potential environmental impacts and mitigation measures will be presented. MTO staff and their consultants will be on hand to answer any questions and to receive your input.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of the *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-6701 / fax: 416-235-3446
e-mail: larry.sarris@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407, Niagara Falls, ON L2E 7J7
tel: 289-294-6411
e-mail: john.mcgill@parsons.com

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244 / fax: 905-833-1255
e-mail: gkauffman@lgl.com

Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

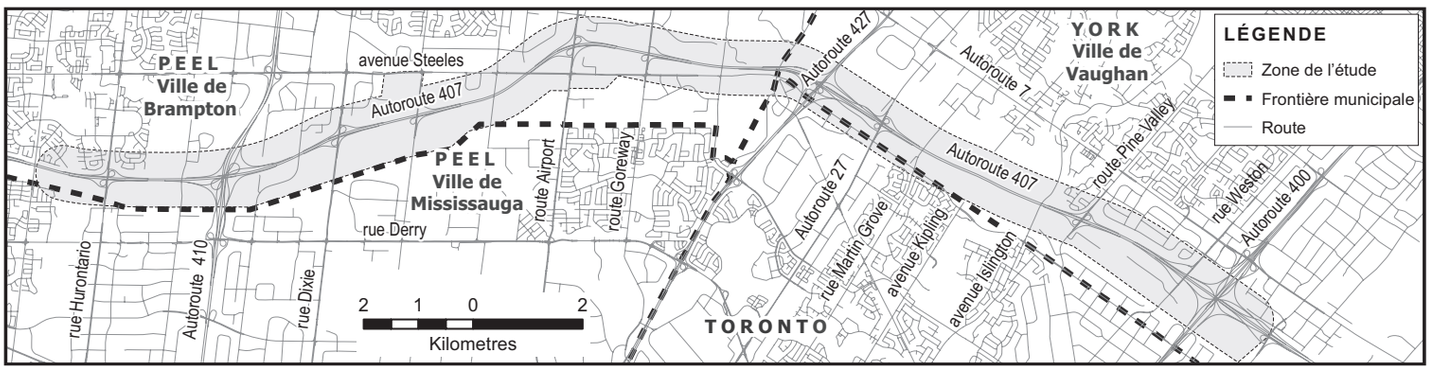
AVIS DU CENTRE D'INFORMATION N° 2

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, Ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue une étude sur la rue piétons-autobus 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. D'autres sites inclus dans la zone d'étude seront aussi protégés dans les environs des rues Hurontario, Kennedy/Tomken, Torbram, Martin Grove et Weston. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au Processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Dans le cadre de ce processus, un rapport de projet environnemental sera préparé. L'étude en est actuellement à la phase préalable au Processus d'évaluation des projets de transport en commun. L'avis de commencement pour la période officielle de consultation et de documentation de 120 jours du processus ainsi que l'avis concernant la publication du rapport de projet environnemental final seront publiés séparément dans les journaux locaux à une date ultérieure. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

Les membres du public, les propriétaires fonciers, les organismes et les autres parties intéressées sont invités à prendre part activement à l'étude en participant aux activités de consultation ou en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions. Un centre d'information public a eu lieu en décembre 2016. Durant cette séance a eu lieu une présentation de la rue piétons-autobus, des conditions existantes, des prévisions relatives à l'achalandage, des plans de service possibles, des harmonisations potentielles, des emplacements de rechange pour les stations, de l'harmonisation initiale de préférence et des emplacements des stations.

CENTRE D'INFORMATION N° 2

Le deuxième centre se tiendra aux deux emplacements suivants :

Date : **23 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **25 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information n° 2 sera un événement sans inscription. L'harmonisation des itinéraires et les stations techniquement retenues, les impacts environnementaux possibles et les mesures d'atténuation y seront présentés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et l'information concernant cette étude sont recueillis pour aider l'équipe du projet à respecter les exigences du *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

John McGill, ing., PTOE
Chargé de projet de firme de conseils
Parsons
4342, rue Queen, bureau 407
Niagara Falls (Ontario) L2E 7J7
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Larry Sarris, MCIP, RPP
Planificateur environnementaliste principal du MTO
Ministère des Transports, région du Centre
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Grant N. Kauffman, M.E.S.
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courriel : gkauffman@lgl.com

Ontario

Liz Speller

From: Liz Speller
Sent: June-29-18 11:57 AM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: February-21-18 12:07 PM
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Thanks Suzanne!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Friday, February 16, 2018 12:46 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

Attached is the draft Appendix A - without the cover letter.
The final version will go out once I have approval to release it.

Please let me know if you have any questions.

Enjoy the family day weekend and thanks again,
Suzanne

Suzanne Bevan | Senior Planner, Environmental Assessment Planning | Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca | www.trca.on.ca[trca.on.ca] |

Please consider the environment before printing this email

From: "Kerslake, Holly" <Holly.Kerslake@parsons.com>
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, "Garron, Gus" <Gus.Garron@parsons.com>, "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, Liz Speller <lspeller@lgl.ca>, "Leung, Winnie" <Winnie.Leung@parsons.com>
Date: 02/14/2018 02:37 PM
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

---

Great! Thanks for the update Suzanne.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Wednesday, February 14, 2018 1:16 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

As always, thanks for your patience. I have just now got all the comments.
I hope to have a draft (if not final) to you by Friday.

Thanks,
Suzanne

Suzanne Bevan | Senior Planner, Environmental Assessment Planning | Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎ 416-661-6600 ext. 5759 | ✉ sbevan@trca.on.ca | www.trca.on.ca [trca.on.ca] |
Please consider the environment before printing this email

From: "Kerslake, Holly" <Holly.Kerslake@parsons.com>
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: "Garron, Gus" <Gus.Garron@parsons.com>, "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, Liz Speller <lspeller@lgl.ca>, "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, "Leung, Winnie" <Winnie.Leung@parsons.com>
Date: 02/09/2018 12:38 PM
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

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Hi Suzanne,

Just following up to the email below – just wondering when can we expect to receive comments? We are currently in the process of reviewing and updating the EPR based on comments received from other agencies.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, January 24, 2018 9:38 AM
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Liz Speller <lspeller@lgl.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Suzanne,

No problem, thank-you for letting us know. When do you anticipate your comments will be ready?

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Tuesday, January 23, 2018 2:57 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

Thank you for the reminder. TRCA will provide comments on the draft but anticipate that we will not be able to meet the deadline of January 26, 2018.

Thank you,
Suzanne

Suzanne Bevan | Senior Planner, Environmental Assessment Planning | Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca | www.trca.on.ca[trca.on.ca] |

Please consider the environment before printing this email

From: "Kerslake, Holly" <Holly.Kerslake@parsons.com>
To: "steve.mota@york.ca" <steve.mota@york.ca>, "Lafleur, Chris" <Chris.Lafleur@brampton.ca>, "mary-ann.george@ttc.ca" <mary-ann.george@ttc.ca>, "Patrick.Grace@infrastructureontario.ca" <Patrick.Grace@infrastructureontario.ca>, "malcolm.mackay@gotransit.com" <malcolm.mackay@gotransit.com>, "martin.powell@mississauga.ca" <martin.powell@mississauga.ca>, "Zhuo, Julianna (MMA/MHO)" <Julianna.Zhuo@ontario.ca>, "Matthew.Williams@mississauga.ca" <Matthew.Williams@mississauga.ca>, "Mefimova@407etr.com" <Mefimova@407etr.com>, Malcolm Mackay

<Malcolm.Mackay@metrolinx.com>, "Jeff Booker" <jbooker@407ETR.com>, "michael.vallins@cn.ca" <michael.vallins@cn.ca>, "Dagssie, Yves (MOECC)" <Yves.Dagssie@ontario.ca>, "Inderjit.Hans@brampton.ca" <Inderjit.Hans@brampton.ca>, "lmarray@creditvalleyca.ca" <lmarray@creditvalleyca.ca>, "sabbir.saiyed@peelregion.ca" <sabbir.saiyed@peelregion.ca>, "Vincent.white@cn.ca" <Vincent.white@cn.ca>, Suzanne Bevan <SBevan@trca.on.ca>, "Rita.Kelly@infrastructureontario.ca" <Rita.Kelly@infrastructureontario.ca>, "Wang, Hank" <Hank.Wang@brampton.ca>, "javier.mena.diep@metrolinx.com" <javier.mena.diep@metrolinx.com>, "Stephanie Segreti" <Stephanie.Segreti@mississauga.ca>, "dmrkela@407etr.com" <dmrkela@407etr.com>, "Rieger, Doug" <Doug.Rieger@brampton.ca>, "Mohammad, Ghazanfar" <Ghazanfar.Mohammad@brampton.ca>, "rbacquie@407etr.com" <rbacquie@407etr.com>, "Shahrokni, Mani" <Mani.Shahrokni@vaughan.ca>, "Ernest.Abraham@infrastructureontario.ca" <Ernest.Abraham@infrastructureontario.ca>, "Adam.Challice@ontario.ca" <Adam.Challice@ontario.ca>, "Abdul.Shaikh@mississauga.ca" <Abdul.Shaikh@mississauga.ca>, "Choi, William" <William.Choi@york.ca>, "Funnell, Emily (MNRF)" <Emily.Funnell@ontario.ca>, "rick.schatz@hydroone.com" <rick.schatz@hydroone.com>, Makael Kakakhel <Makael.Kakakhel@metrolinx.com>, "slingeRTAT@trca.on.ca" <slingeRTAT@trca.on.ca>, Lorna Zappone <Lorna.Zappone@toronto.ca>, "Frank.martins@ontario.ca" <Frank.martins@ontario.ca>, "Gonzalez, Alejandra (MMA/MHO)" <Alejandra.Gonzalez@ontario.ca>, "steven.strong@ontario.ca" <steven.strong@ontario.ca>, "ben.keen@ontario.ca" <ben.keen@ontario.ca>, "Gian.Minichini@HydroOne.com" <Gian.Minichini@HydroOne.com>, "Goolsarran, Mario" <Mario.Goolsarran@brampton.ca>, "mark.hanlan@york.ca" <mark.hanlan@york.ca>, Bernard Au <Bernard.Au@metrolinx.com>, "Javier Mena Diep" <Javier.MenaDiep@metrolinx.com>, Michael Batt <Michael.Batt@metrolinx.com>, "Hanlon, Mark" <Mark.Hanlon@york.ca>
Cc: "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, "Kulathinal, Rina (MTO)" <Rina.Kulathinal@ontario.ca>, "Firmani, Adrian (MTO)" <Adrian.Firmani@ontario.ca>, "Mcgill, John" <John.Mcgill@parsons.com>, "Garron, Gus" <Gus.Garron@parsons.com>, "Leung, Winnie" <Winnie.Leung@parsons.com>, "r.minnesconsulting@gmail.com" <r.minnesconsulting@gmail.com>, Liz Speller <lspeller@lgl.ca>, Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>, "'Scott Johnston'" <sjohnston@IBIGroup.com>
Date: 01/23/2018 12:10 PM
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

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Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

February 16, 2018 CFN 54835

BY E-MAIL ONLY (graham.derose@ontario.ca)

Graham DeRose
Ministry of Transportation, Central Region
1201 Wilson Avenue
Building D, 4th Floor
Toronto ON M3M 1J8

Dear Mr. Graham DeRose:

Re: Response to Draft Environmental Project Report (EPR)
407 Transitway – Hurontario Street to Highway 400
Transit Project Assessment Process
Etobicoke, Mimico and Humber Watersheds; Cities of Bampton, Mississauga and Vaughan;
Regional Municipalities of York and Peel

DRAFT

APPENDIX A: TRCA COMMENTS

ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
1.	Staff notes that various planning and regulatory instruments including Municipal plans are listed but no mention the CA Act. Please note that the CA Act should be referenced as it relates to natural hazards (slopes, erosion, flooding) in the appropriate sections of the EPR.	
2.	Future Commitments - Please define Valleyland Management Plan – Section 10.3	
3.	It is understood that alternatives and evaluation is provided in Section 4. a) Staff would appreciate request a summary evaluation, in table format, of the comparison of all crossing structures sizing and modelling. Please provide a quantitative analysis of the impacts to flooding and erosion (modelling), and associated impacts to the natural heritage system including watercourses, terrestrial natural heritage and wildlife crossings (where appropriate). Please ensure that the explanation includes fill/grading, works below grade, construction practices such as dewatering. b) Please include how it was determined which segments of the transitway are proposed above/below/at grade. Please explain how the impacts to the natural features (watercourses) were considered – evaluated (not just an inventory of what is existing). Please confirm if there is enough room to implement proposed alignments while maintaining flows to watercourses.	
4.	**West of Hurontario to East of Kennedy Rd** a) The Hurontario Station appears to be located within CVC's jurisdiction. Please contact CVC for further direction. b) Please indicate whether the proposed below grade alignment will accommodate the future Hurontario LRT and whether the LRT route into the new Maintenance and Storage Facility has been considered. c) A watercourse located west of Kennedy Road has not been labelled or identified and will need to be addressed in the design of the transitway. Please revise the figures to include the missing watercourse or identify where this is identified in the EPR.	
5.	**East of Kennedy to West of Tomken**	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
	According to our mapping, it appears that portions of the watercourse between Kennedy and 410 are missing. Please ensure the entire natural feature is captured in the mapping.	
6.	**Dixie Rd Station** This station appears to be located within the flood plain. See comment #16.	
7.	**Bramalea Rd** The Bramalea GO station is located just north of Hwy 407. It's unfortunate that there is no connection to the station from the transitway. Please clarify if GO station users will have access to the transitway.	
8.	**Above Grade alignments** a) Please provide the rationale for the various lengths of above versus below versus at-grade alignments. For instance, an above-grade alignment is shown west of Airport Rd at crossing M4. Depending on how this will be designed, there most likely will be additional fill located in the area of the watercourse/flood plain. b) It is also unclear as to why the above-grade portion of the transitway ends close to the eastern edge of the watercourse. Please note that these details will need to be addressed to ensure drainage patterns are maintained, watercourses protected and impacts to flood plains are addressed.	
9.	**South of Steeles west of Airport Rd.** It is our understanding that the Region of Peel is currently constructing a new sanitary sewer in this general location. Please ensure this has been coordinated.	
10.	**Other locations** a) A below grade crossing is proposed at the CNR tracks, just east of Airport Rd. However watercourses M5 and M6 can be found in this general location. Please clarify how flows will be maintained as the below grade portion appears to be very short and it's unclear how below grade access will be achieve in such a short stretch. In addition, there are two branches which feed into the Mimico Creek east of the CNR. Please indicate how flows will be maintained. b) An at-grade alignment is proposed west of Gorewood Drive. There is a large flood plain in this location. Please clarify how the transitway will be	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
	constructed without having impacts to the flood plain and without flooding the transitway. c) An above-grade crossing at H1 (Claireville) is proposed. Please note that our mapping shows a small tributary which feeds into the main branch. Please clarify how all features will be maintained. Please clarify what type of watercourse crossing structure is proposed at this location.	
	Water Resource Engineering	
11.	Page 1 of the Drainage Report prepared by Parsons states that 8 stations including Martin Grove are proposed along the study limits, while section 4.2.2 (page 42) of the same report indicates that only 7 stations are proposed. Please clarify or adjust accordingly.	
12.	Please provide a digital copy of the VO2 models prepared for both the transitway and the stations. Further detailed comments will be provided once the hydrologic modeling files are fully reviewed.	
13.	Storm distribution and quantity control proposed for sites within the Etobicoke and Mimico Creek watershed are acceptable. However, for the Humber River watershed the TRCA will require the consultant to run the 6 and 12-hour AES distribution and select the storm requiring the greater storage volume. It should be noted that in areas within the Humber River watershed where quantity control is required; post-development flows must be controlled to unit flow rates consistent with TRCA SWM criteria (2012).	
14.	The Drainage Report does not provide details on TRCA erosion and water balance requirements. Please add a sections within the SWM report to include TRCA erosion and water balance requirements consistent with Table 2-2 (page 10) of TRCA SWM criteria (2012) along with details on how those requirements would be met. It should be noted that these requirements apply not only to the stations but also to the transitway.	
15.	Proposed works, mitigation measures and supporting calculations for the stretch of the transitway within the Fletchers Creek watershed are deferred to Credit Valley Conservation (CVC) for review and approval.	
16.	A channel enclosure of approximately 132.5m is proposed through Highway 27 Station. TRCA does not support enclosure of watercourses. Further hydro-geomorphological studies and a more robust hydraulic assessment that capture the complexity of the site will be required for this site. The hydraulic assessment should take into account associated works and final configuration of the ongoing 407 patrol yard.	
17.	As previously noted for above, please provide a discussion on potential filling in the flood plain as a result of the proposed works or confirm all existing grades are maintained and no filling within the Regional floodplain is anticipated. It would be of special interest the area east of Pine Valley drive where raising the transitway profile may be required.	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
18.	It appears that in order to avoid realignment of Rainbow creek between stations 19+300 and 19+500 of the 407 TWY retaining walls would be proposed. Potential increases in water surface elevations and reduction of riparian storage along with hydro-geomorphology issues resulting from the proposed retaining walls should be further investigated.	
19.	There are inconsistencies with the settling lengths, and drawdown time calculations. Based on calculation provided in Appendix F (falling head equation), some of the proposed SWM ponds do not meet the 48 hours detention target (i.e., SWMF5 &5A, SWMF6, etc). Please confirm or revise accordingly. Please refer to equation 4.10 and 4.11 (page 4-58) of the MOECC SWM Design Manual (2003)	
20.	Please provide a discussion on ponds where the minimum 75mm may not be feasible (i.e., SWMF 1A). Further, please revise the design of the SWM facilites to include minimum slopes, safety benches, forebay access etc. consistent with the SWM Design Manual (MOECC 2003)	
21.	Please confirm the groundwater level at each pond location. Please provide a discussion on potential groundwater/dewatering issues, mitigation measures etc.	
22.	An emergency spillway is required to pass the greater of the 100-year and Regional peak flows assuming 50% blockage of the outlet structure. Please provide further details and refine calculations.	
23.	Please provide the 5mm retention requirement for each station area per TRCA SWM Criteria (2012). Staff would encourage the use of Low Impact Development (LIDs) measures to replicate the infiltration of stormwater on site consistent with the TRCA LID SWM Planning and Design guide.	
24.	Please include a plan with the proposed SWM facilities with operational elevations in addition to 2 cross sections (length and width) through the pond including the outlet structure.	
25.	Please confirm there would be no impact to the designed SWM pond outlet control from the Regional flood at each station.	
A proper hydraulic review could not be conducted as the digital HEC RAS files were not provided. However, some general comments are listed below. The consultant may refer to the HEC RAS user's manual and the TRCA Technical Guidelines for Flood Hazard Mapping (2017) for further guidance.		
26.	a) Please provide a digital copy of the HEC RAS and HY-8 files including pre and post-development scenario/plan in separate files for all crossings. b) All crossings should be simulated using standard HEC-RAS modeling procedures (i.e.4 cross-sections, ineffective flow options, etc.). c) TRCA standard Manning's "n" values will be used. (0.035 along the channel and 0.08 on the overbanks) d) Cross-sections should be large enough to contain the Regulatory flood. e) Block Obstruction command will be used to simulate buildings within the	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
	Regulatory flood plain. f) Without specific boundary conditions the model will be at a sufficient distance downstream to ensure resulting water surface elevations through the subject site are appropriate. A sensitivity analysis will be required to confirm boundary conditions. g) In the HEC-RAS output, it is recommended that each watercourse be labelled with number and name consistent with labels on the associated figure (i.e. WC1 = Etobicoke) for ease of review.	
Geotechnical		
27.	Please add geotechnical and slope stability studies and erosion hazard assessment to commitments to future actions.	
Ecology		
28.	a) In the intro and existing and future conditions it is mentioned that the valley and stream corridors play an important role as part of the natural heritage system. Staff did not see reference to the MTO guidelines such as the Environmental Guide for wildlife mitigation. The application of the guide needs to be contemplated from the very beginning (now) as addressing this further along in the process is always problematic. b) Chapter 5 includes crossing sizing. Please clarify how these sizes were determined. It appears that anything hydraulics were considered but not erosion (or meander belt) or terrestrial passage. If sizing is proposed please include a detailed discussion related to additional criteria (see Comment #2). For example, Plate 7 shows the crossing of Etobicoke creek whereby a large percentage of the valley cross-section is being filled in. c) Please confirm that all crossings have been identified and are referenced appropriately (21 are noted but the listing of bridges and culverts is less than this). d) Water resource engineering has provided comments on the SWM schemes. Staff notes that enhanced swales are proposed and acknowledge this technique was used on the 407. SWM and LID technologies have advanced a lot since the 407 was built. Please provide a discussion of the possible opportunities to improve and incorporate new technologies within the existing SWM scheme. The use of enhanced swales should be supported by the performance of the existing ones along this stretch of 407.	
Hydrogeology		
29.	Staff have no specific issues with respect to the high level assessment completed at this stage in the overall Environmental Assessment process. It is recognized that this is early in the process, and the hydrogeologic data is from secondary sources. The contaminant assessment is similarly at a high level. Staff would appreciate being informed of more detailed information based on site-specific hydrogeologic data, particularly for below grade sections and the	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
	watercourse crossings (of which there are many).	
Trails		
30.	In an effort to ensure opportunities for public trail crossings/underpasses along the 407 Transitway corridor are not excluded, staff provide the following. a) Within the Transitway corridor, ensure that all existing public access rights-of-way in greenspaces are maintained and improved where necessary to accommodate walking and cycling, as appropriate and in consultation with TRCA, and local and regional municipalities. b) Within the Transitway corridor, ensure that public access rights-of-way for walking and cycling are incorporated at all river crossings in greenspaces, where appropriate and in consultation with TRCA, and local and regional municipalities. In addition to supporting TRCA's Trail Program, these comments support the objectives and/or recommended actions in MTO and Metrolinx plans for the Toronto Region. Please comment on how this project is meeting the goals and objectives of the MTO Greater Golden Horseshoe Transportation Plan, Draft Goals and Objectives (September 2017) and Metrolinx Draft 2041 Regional Transportation Plan for the Greater Toronto and Hamilton Area (September 2017) as it relates to the comments above.	
Detailed Design		
31.	Should the proponent choose to engage TRCA through Voluntary Project Review.. a) TRCA staff understand that Erosion prevention and sediment control measures shall be implemented to mitigate erosion and sediment processes during construction. At the detail design stage, please provide and Erosion and Sediment Control (ESC) report along with engineering drawings. Please provide ESC details, location and supporting calculations in the report and drawings. The mitigation measures shall conform to the ESC Guidelines for Urban Construction (December 2006). b) Staff understands that a utility corridor will be constructed along the entire transitway. Please confirm or provide further details on constructions methods, potential vegetation removal, temporary crossings, erosion and sediment control, mitigation measures etc. that will be provided while the 407 TWY is under construction. Additionally, the following presents the geotechnical requirements at the detailed design stage of the proposed undertaking: c) The detailed geotechnical study is required in support of the proposed undertaking to assess the ground condition along the alignment and to provide the geotechnical design recommendations for the various components of the proposed undertaking; e) Where the valley slopes exist, the slope stability and erosion hazard assessment is required to ensure that the proposed work is not undermined by erosion hazard in long-term or does not destabilize the valleys. The position of the Long-Term Stable Top of Slope needs to be delineated with	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
	a minimum safety factor of 1.50 to define the setback required from the existing top of bank/slope; f) Where the stabilization is required due to the active erosion in the valleys, the stabilization should be designed by geotechnical engineer to ensure that a minimum safety factor of 1.50 is met after stabilization; g) The retaining walls, abutments and wing walls should be designed by qualified engineer using geotechnical information. The global stability should be also checked for the walls to confirm that a minimum safety factor of 1.50 is met against global instability; h) The culverts should be designed by qualified engineer using the geotechnical information. Suitable foundation is required for the culverts as per the ground condition; i) The cross-sections should be provided along the alignment in adequate intervals, which shows the proposed grade with respect to the existing ground. The cross-section should be extended enough to show all the features and slopes/banks where exist. The extent of the proposed grading should be also shown on the site plan along the alignment; j) The proposed embankments should be studied and designed by geotechnical engineer. The stability assessment is required for the embankments to ensure that a minimum safety factor of 1.50 is achieved; k) The proposed cuts should be studied by geotechnical engineer. Stability assessment is required to confirm that the proposed side slopes for the cuts satisfy a minimum safety factor of 1.50; l) All engineering drawings for the retaining walls, abutments and wing walls, culverts, stabilization works, embankments and cuts should be prepared showing all necessary details and specifications and submitted as signed and sealed by Licensed Professional Engineer; m) Where the work is in proximity of the steep slope and valleys, the construction methodology and sequencing should be presented to ensure that the surrounding ground/slope is not adversely impacted during the construction; n) Where the work requires the construction access into the steep slopes and valleys, the cross-sections and profile should be presented for the access. The slope stability assessment is required to study the cross-sections (cuts and fills) and to confirm that the slope stability is met. The slope stability analyses should also account for the heavy machinery/equipment loads and vibrations; o) If the construction results in alterations and disturbance into the slopes and valleys, the stabilization is required to be reviewed by the geotechnical engineer. Given the slope geometry and the extent of the alterations, the stabilization may require to be engineered (e.g. engineering structures) to ensure that the stabilization remains stable in long-term with a minimum safety factor of 1.50. Further, all necessary engineering details, cross-	

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ITEM	TRCA COMMENTS (July 8, 2018)	PROPONENT RESPONSE
	sections should be prepared by geotechnical engineer and submitted as signed and sealed by Licensed Professional Engineer; p) Where there is trenchless installation for the infrastructures below the watercourse, the pertinent geotechnical studies should be conducted to provide the required site characterization. The trenchless installation should be designed by specialty consultant or contractor using the geotechnical information and recommendations. The adequate cover from the bottom of the watercourse should be determined as per the design. The cross-sections and site plan showing the alignment and entry and exit pits/shafts and the cover from the bottom of the watercourse and other infrastructures should be also submitted in support of the proposed undertaking. The design should also ensure that the proposed trenchless installation does not cause the inadvertent return of drilling fluid (frac-out) or excess settlement on the ground along the alignment. Further, the shafts or pits required for the proposed trenchless installation should be properly stabilized by the means of shoring or other techniques. The details of such stabilization should be also prepared by qualified engineer and submitted as signed and sealed be Licensed Professional Engineer.	

DRAFT

From:	Liz Speller
To:	Liz Speller
Subject:	FW: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP
Date:	March-19-18 2:24:02 PM
Attachments:	54835 407 Transitway Response to Draft EPRSB.pdf

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From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: Monday, March 12, 2018 2:58 PM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Munn, Amy <Amy.Munn@parsons.com>; yves.dagssie@ontario.ca; tim.kocialek@brampton.ca; bob.nieuwenhuysen@peelregion.ca; steve.mota@york.ca; stephen.collins@vaughan.ca; Beth Williston <bwilliston@trca.on.ca>; Quentin Hanchard <qhanchard@trca.on.ca>; Coreena Smith <csmith@trca.on.ca>; Sharon Lingertat <slingertat@trca.on.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hi Graham,

Please see attached correspondence. Appendix A was provided previously on February 12, 2018.

Should you have any questions please don't hesitate to contact me directly to discuss.

Thank you,
Suzanne

Suzanne Bevan | Senior Planner, Environmental Assessment Planning |Planning and Development | Toronto and Region Conservation | Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 | ☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca |🖱www.trca.on.ca[trca.on.ca] |

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Toronto and Region Conservation
for The Living City

March 12, 2018 CFN 54835

BY E-MAIL ONLY (graham.derose@ontario.ca)

Graham DeRose
Ministry of Transportation, Central Region
1201 Wilson Avenue
Building D, 4th Floor
Toronto ON M3M 1J8

Dear Mr. Graham DeRose:

Re: Response to Draft Environmental Project Report (EPR)
407 Transitway – Hurontario Street to Highway 400
Transit Project Assessment Process
Etobicoke, Mimico and Humber Watersheds; Cities of Bampton, Mississauga and Vaughan;
Regional Municipalities of York and Peel

Toronto and Region Conservation Authority (TRCA) staff received the draft Environmental Project Report (EPR) for the above noted project on December 18, 2017.

Staff understands that the draft EPR proposes the installation of a 23.7 km transitway facility planned to be constructed on a separate right-of-way that parallels 407 ETR and seven stations (Hurontario Street, Dixie Road, Airport Road, Goreway Drive, Highway 50, Highway 27 and Pine Valley Drive). It is understood that the transitway will be initially implemented as a busway with potential conversion to light rail transit (LRT) in the future.

As outlined in our *Living City Polices* (http://www.trca.on.ca/the-living-city/public-consultations/the-living-city-policies.dot), when the provincial *Environmental Assessment Act* was approved, Conservation Authorities were directed to provide technical comment on natural resources management for applications made under the *Act.* In addition, through the Memorandum of Understanding on Conservation Authority Delegated Responsibilities we are also responsible for representing the provincial interest on natural hazards. Through this lens, staff has reviewed the above-noted information.

While staff has no objection in principle to the project, overall, the lack of detailed information at this stage made it difficult to provide a complete review. As such, TRCA staff is not able to confirm the potential impacts of the project on TRCA's areas of interest or to confirm the proposed mitigation methods are appropriate. Key areas of concern within TRCA's jurisdiction are provided in Appendix A and may change once a response to Appendix A has been submitted for review. Again, TRCA staff is available to meet with MTO and their project team to go over the proposal and the comments provided in Appendix A (provided in draft February 12, 2018).

Detailed Design
Looking ahead to the design stage, please note that development activities within regulated areas for or on behalf of the Government of Ontario (a provincial) or federal agency are exempt from the regulatory approval process under Section 28 of the Conservation Authorities Act. In the absence of the formal permitting process

the province may voluntarily request TRCA to review and comment on detailed design activities associated with project construction, maintenance or emergency activities.

TRCA Review and Future Commitments

As watershed managers, managers of natural heritage and biodiversity, and with technical expertise in stormwater technologies, Conservation Authorities (CAs) are ideally positioned to provide technical input and advice to MTO from a local perspective through the detailed design, construction and monitoring phases of this project to assist in developing a strategy to address some of these environmental impacts. This input will assist the Province and their consultants achieve a sound environmental site implementation standard consistent with provincial objectives and the expectations of the local communities.

Staff would like to provide advice and have meaningful input through design, construction, and post construction monitoring. Our advisory work would include specific advice related to ravine watercourse and natural heritage system crossings at station locations where development limits may require refinement. Staff asks MTO to consider providing confirmation of their commitment to continue to involve and seek input from TRCA staff through the next phases of this project in the following key areas:

1. TRCA staff will be involved in the detailed design of the Stormwater Management Strategy, as well as a commitment to monitor innovative SWM strategies to ensure that these measures meet the guidelines for standard parameters (e.g. total suspended solids, etc.) as well as the targets set for these innovative measures (i.e. thermal mitigation);

2. TRCA staff will be involved in the development of Environmental Management Plans (EMPs) as staff has valuable experience and expertise in the development of EMPs through our partnering with regional municipalities;

4. MTO will recognize the need for TRCA staff to be involved in the public liaison interface between the Ministry and the environmental interest groups, such as the watershed councils to ensure project transparency between the construction requirements of building the transitway and the mitigation requirements to ensure environmental sustainability;

5. MTO recognizes that the principles of compensation will be developed and finalized prior to detailed design and to continue to work with TRCA staff to develop an approach to offset impacts to vegetation communities/habitat functions, and to identify priority areas for habitat replacement and the negotiation of appropriate conservation easements or conveyance of lands for environmental protection.

Should the proponent choose to submit an application for a Voluntary Project Review at the design stage, TRCA will complete a comprehensive review and provide an opinion as to whether the interests, objectives, and tests of TRCA's permit requirements under Section 28 of the *Conservation Authorities Act* and under Ontario Regulation 166/06 – *Toronto and Region Conservation Authority (TRCA): Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses* will be satisfied. This includes a review as to whether or not there will be impacts to flooding, erosion, pollution and conservation of land. Voluntary Project Review fees will be charged (TRCA fee schedule - http://www.trca.on.ca/dotAsset/189184.pdf), and regular TRCA review process and service delivery timelines will be followed. Once TRCA concerns are satisfied, TRCA will issue a Voluntary Project Review Letter confirming that our interests have been met, if implemented as per the submission details provided.

It is acknowledged that Section 10.3 identifies future commitments. Further Table 10.1, TRCA is to be consulted for various items at Pre-Construction. Please confirm if MTO intends to engage in the above described process and associated fees in order to address the future commitments outlined in the EPR. It is recommended that involvement of TRCA at detailed design through the VPR process be a commitment of the EA and included as a commitment of approval by the Ministry. By copy of this letter to MOECC EA Approvals branch we are notifying them of our concern and request.

Please note that in order to provide project review TRCA would require details related to watercourse and wetland crossings including structure sizing and modeling (including flood and erosion), stormwater/flood plain management information, demonstration that the ponds will function as intended, erosion and sediment controls, vegetation removals and restoration details. Plans showing how work will be completed in the dry at the watercourse/wetland crossings will also need to be provided as well as relevant hydrogeology and geotechnical information, as needed. The Complete Submission Checklist for Infrastructure Projects can be found at the following link (https://trca.ca/wp-content/uploads/2016/06/CompleteSubmissionChecklistforInfrastructureProjects-OR166-Final.pdf).

If the province chooses not to proceed with the voluntary review process it is requested that MTO highlight how TRCA detailed design concerns will be fully addressed in the EA in order to protect our interests of flooding, erosion, pollution and conservation of lands. We request that the provincial commitment to have these issues addressed as the project moves to detailed design and construction be recognized.

Recommendations

Community Benefits

As part of TRCA's Strategic Plan we identify the need to achieve measurable positive impacts on the health of our watersheds. To this end, TRCA has outlined a series of strategies to address social, economic and environmental components of sustainability. Social considerations are addressed through the concept of Community Benefits Agreements (CBA). The purpose of these agreements is to ensure that the economic benefits of local projects and programs have a measurable social impact on the local community. A cornerstone of a successful CBA is the meaningful engagement and partnership with the local communities and service groups. TRCA has several watershed programs that are actively engaging with local communities and can act as a channel for the development and implementation of CBAs. These programs include Partners in Project Green (PPG) and Sustainable Neighbourhood Retrofit Action Plans (SNAP).

Green Infrastructure

The Living City Policies supports and promotes the use of green infrastructure in urban design to maximize ecosystem services, and mitigate the impacts of urbanization and the potential impacts of climate change through TRCA partnerships, programs, and operations. Green infrastructure can be implemented in many different ways on a site (gardens, green roofs, bioswales, etc) including incorporation of LIDs, enhancements to the urban canopy and protection/restoration/compensation of the natural heritage system, all of which should be considered as part of the design of this project.

Sustainable Energy

The Living City Policies supports the use of sustainable energy, as the type and amount of energy used is one of the most significant factors affecting climate change, the ecological footprint of our communities, and ultimately our ability to create sustainable communities. TRCA advocates that proponents consider the use of appropriate sustainable energy technologies and practices in their projects.

Sustainable Buildings

The Living City Policies supports the use of sustainable or "green buildings" to reduce the impacts of buildings on the environment. Site selection, choice of building materials and resources, construction and maintenance methods, among others, are all issues to be addressed in greening a building project. Rather than producing excess waste and harmful emissions, green buildings contribute to a healthy environment; they cost less to operate, are more durable and adaptable in the long term, and are a benefit to the community both aesthetically and environmentally. Green buildings are also encouraged through the Ontario Building Code, which was amended to include a variety of measures to promote the use of green technologies such as solar panels, green roofs and grey-water systems.

Please ensure TRCA receives one (1) hard copy (of mutually confirmed sections) and one (1) digital copy of the final EPR. The final EA document should be accompanied by a covering letter which uses the numbering scheme provided in this letter and identifies how these comments have been addressed

Should you have any questions please contact me at extension 5759 or at sbevan@trca.on.ca.

Regards,

Suzanne Bevan

Suzanne Bevan
Senior Planner, Environmental Assessment Planning
Planning and Development

BY E-MAIL
cc:

MTO:	Larry Sarris (larry.sarris@ontario.ca)
Parsons:	Amy Munn, Project Engineer (amy.munn@parsons.com)
MOECC:	Yves Dagssie (Yves.Dagssie@ontario.ca)
Brampton:	Tim Kocialek, Manager of Engineering (Tim.Kocialek@brampton.ca)
Peel:	Bob Nieuwenhuysen, Manager, Transportation, Roads Design and Construction Public Works (Bob.Nieuwenhuysen@peelregion.ca)
York Region:	Steve Mota (Steve.Mota@york.ca)
City of Vaughan:	Stephen Collins (Stephen.Collins@vaughan.ca)
TRCA:	Beth Williston, Senior Manager, Environmental Assessment Planning Quentin Hanchard, Associate Director, Planning and Development Coreena Smith, Senior Planner, Planning and Development Sharon Lingertat, Senior Planner, Environmental Assessment Planning

APPENDIX A: TRCA COMMENTS

ITEM	TRCA COMMENTS (March 12, 2018)	PROPONENT RESPONSE
1.	Staff notes that various planning and regulatory instruments including Municipal plans are listed but no mention the CA Act. Please note that the CA Act should be referenced as it relates to natural hazards (slopes, erosion, flooding) in the appropriate sections of the EPR.	
2.	Future Commitments - Please define Valleyland Management Plan – Section 10.3	
3.	It is understood that alternatives and evaluation is provided in Section 4. a) Staff would appreciate request a summary evaluation, in table format, of the comparison of all crossing structures sizing and modelling. Please provide a quantitative analysis of the impacts to flooding and erosion (modelling), and associated impacts to the natural heritage system including watercourses, terrestrial natural heritage and wildlife crossings (where appropriate). Please ensure that the explanation includes fill/grading, works below grade, construction practices such as dewatering. b) Please include how it was determined which segments of the transitway are proposed above/below/at grade. Please explain how the impacts to the natural features (watercourses) were considered – evaluated (not just an inventory of what is existing). Please confirm if there is enough room to implement proposed alignments while maintaining flows to watercourses.	
4.	**West of Hurontario to East of Kennedy Rd** a) The Hurontario Station appears to be located within CVC's jurisdiction. Please contact CVC for further direction. b) Please indicate whether the proposed below grade alignment will accommodate the future Hurontario LRT and whether the LRT route into the new Maintenance and Storage Facility has been considered. c) A watercourse located west of Kennedy Road has not been labelled or identified and will need to be addressed in the design of the transitway. Please revise the figures to include the missing watercourse or identify where this is identified in the EPR.	
5.	**East of Kennedy to West of Tomken** According to our mapping, it appears that portions of the watercourse between Kennedy and 410 are missing. Please ensure the entire natural feature is captured in the mapping.	

ITEM	TRCA COMMENTS (March 12, 2018)	PROPONENT RESPONSE
6.	**Dixie Rd Station** This station appears to be located within the flood plain. See comment #17.	
7.	**Bramalea Rd** The Bramalea GO station is located just north of Hwy 407. It's unfortunate that there is no connection to the station from the transitway. Please clarify if GO station users will have access to the transitway.	
8.	**Above Grade alignments** a) Please provide the rationale for the various lengths of above versus below versus at-grade alignments. For instance, an above-grade alignment is shown west of Airport Rd at crossing M4. Depending on how this will be designed, there most likely will be additional fill located in the area of the watercourse/flood plain. b) It is also unclear as to why the above-grade portion of the transitway ends close to the eastern edge of the watercourse. Please note that these details will need to be addressed to ensure drainage patterns are maintained, watercourses protected and impacts to flood plains are addressed.	
9.	**South of Steeles west of Airport Rd.** It is our understanding that the Region of Peel is currently constructing a new sanitary sewer in this general location. Please ensure this has been coordinated.	
10.	**Other locations** a) A below grade crossing is proposed at the CNR tracks, just east of Airport Rd. However, watercourses M5 and M6 can be found in this general location. Please clarify how flows will be maintained as the below grade portion appears to be very short and it's unclear how below grade access will be achieved in such a short stretch. In addition, there are two branches which feed into the Mimico Creek east of the CNR. Please indicate how flows will be maintained. b) An at-grade alignment is proposed west of Gorewood Drive. There is a large flood plain in this location. Please clarify how the transitway will be constructed without having impacts to the flood plain and without flooding the transitway. c) An above-grade crossing at H1 (Claireville) is proposed. Please note that our mapping shows a small tributary which feeds into the main	

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	branch. Please clarify how all features will be maintained. Please clarify what type of watercourse crossing structure is proposed at this location.	
	Water Resource Engineering	
11.	Page 1 of the Drainage Report prepared by Parsons states that 8 stations including Martin Grove are proposed along the study limits, while section 4.2.2 (page 42) of the same report indicates that only 7 stations are proposed. Please clarify or adjust accordingly.	
12.	Please provide a digital copy of the VO2 models prepared for both the transitway and the stations. Further detailed comments will be provided once the hydrologic modeling files are fully reviewed.	
13.	Storm distribution and quantity control proposed for sites within the Etobicoke and Mimico Creek watershed are acceptable. However, for the Humber River watershed the TRCA will require the consultant to run the 6 and 12-hour AES distribution and select the storm requiring the greater storage volume. It should be noted that in areas within the Humber River watershed where quantity control is required; post-development flows must be controlled to unit flow rates consistent with TRCA SWM criteria (2012).	
14.	The Drainage Report does not provide details on TRCA erosion and water balance requirements. Please add a sections within the SWM report to include TRCA erosion and water balance requirements consistent with Table 2-2 (page 10) of TRCA SWM criteria (2012) along with details on how those requirements would be met. It should be noted that these requirements apply not only to the stations but also to the transitway.	
15.	Proposed works, mitigation measures and supporting calculations for the stretch of the transitway within the Fletchers Creek watershed are deferred to Credit Valley Conservation (CVC) for review and approval.	
16.	A channel enclosure of approximately 132.5m is proposed through Highway 27 Station. TRCA does not support enclosure of watercourses. Further hydro-geomorphological studies and a more robust hydraulic assessment that capture the complexity of the site will be required for this site. The hydraulic assessment should take into account associated works and final configuration of the ongoing 407 patrol yard.	
17.	As previously noted for above, please provide a discussion on potential filling in the flood plain as a result of the proposed works or confirm all existing grades are maintained and no filling within the Regional floodplain is anticipated. It would be of special interest the area east of Pine Valley drive where raising the transitway profile may be required.	
18.	It appears that in order to avoid realignment of Rainbow creek between stations 19+300 and 19+500 of the 407 TWY retaining walls would be proposed. Potential increases in water surface elevations and reduction of riparian storage along with hydro-geomorphology issues resulting from the proposed retaining walls should be further investigated.	

ITEM	TRCA COMMENTS (March 12, 2018)	PROPONENT RESPONSE
19.	There are inconsistencies with the settling lengths, and drawdown time calculations. Based on calculation provided in Appendix F (falling head equation), some of the proposed SWM ponds do not meet the 48 hours detention target (i.e., SWMF5 &5A, SWMF6, etc). Please confirm or revise accordingly. Please refer to equation 4.10 and 4.11 (page 4-58) of the MOECC SWM Design Manual (2003)	
20.	Please provide a discussion on ponds where the minimum 75mm may not be feasible (i.e., SWMF 1A). Further, please revise the design of the SWM facilities to include minimum slopes, safety benches, forebay access etc. consistent with the SWM Design Manual (MOECC 2003)	
21.	Please confirm the groundwater level at each pond location. Please provide a discussion on potential groundwater/dewatering issues, mitigation measures etc.	
22.	An emergency spillway is required to pass the greater of the 100-year and Regional peak flows assuming 50% blockage of the outlet structure. Please provide further details and refine calculations.	
23.	Please provide the 5mm retention requirement for each station area per TRCA SWM Criteria (2012). Staff would encourage the use of Low Impact Development (LIDs) measures to replicate the infiltration of stormwater on site consistent with the TRCA LID SWM Planning and Design guide.	
24.	Please include a plan with the proposed SWM facilities with operational elevations in addition to 2 cross sections (length and width) through the pond including the outlet structure.	
25.	Please confirm there would be no impact to the designed SWM pond outlet control from the Regional flood at each station.	
A proper hydraulic review could not be conducted as the digital HEC RAS files were not provided. However, some general comments are listed below. Refer to the HEC RAS user's manual and the TRCA Technical Guidelines for Flood Hazard Mapping (2017) for further guidance.		
26.	a) Please provide a digital copy of the HEC RAS and HY-8 files including pre and post-development scenario/plan in separate files for all crossings. b) All crossings should be simulated using standard HEC-RAS modeling procedures (i.e.4 cross-sections, ineffective flow options, etc.). c) TRCA standard Manning's "n" values will be used. (0.035 along the channel and 0.08 on the overbanks) d) Cross-sections should be large enough to contain the Regulatory flood. e) Block Obstruction command will be used to simulate buildings within the Regulatory flood plain. f) Without specific boundary conditions the model will be at a sufficient distance downstream to ensure resulting water surface elevations through the subject site are appropriate. A sensitivity analysis will be required to confirm boundary conditions.	

ITEM	TRCA COMMENTS (March 12, 2018)	PROPONENT RESPONSE
	g) In the HEC-RAS output, it is recommended that each watercourse be labelled with number and name consistent with labels on the associated figure (i.e. WC1 = Etobicoke) for ease of review.	
Geotechnical		
27.	Please add geotechnical and slope stability studies and erosion hazard assessment to commitments to future actions.	
Ecology		
28.	a) In the intro and existing and future conditions it is mentioned that the valley and stream corridors play an important role as part of the natural heritage system. Staff did not see reference to the MTO guidelines such as the Environmental Guide for wildlife mitigation. The application of the guide needs to be contemplated from the very beginning (now) as addressing this further along in the process is always problematic. b) Chapter 5 includes crossing sizing. Please clarify how these sizes were determined. It appears that anything hydraulics were considered but not erosion (or meander belt) or terrestrial passage. If sizing is proposed, please include a detailed discussion related to additional criteria (see Comment #2). For example, Plate 7 shows the crossing of Etobicoke creek whereby a large percentage of the valley cross-section is being filled in. c) Please confirm that all crossings have been identified and are referenced appropriately (21 are noted but the listing of bridges and culverts is less than this). d) Water resource engineering have provided comments on the SWM schemes. Staff notes that enhanced swales are proposed and acknowledge this technique was used on the 407. SWM and LID technologies have advanced a lot since the 407 was built. Please provide a discussion of the possible opportunities to improve and incorporate new technologies within the existing SWM scheme. The use of enhanced swales should be supported by the performance of the existing ones along this stretch of 407.	
Hydrogeology		
29.	Staff have no specific issues with respect to the high level assessment completed at this stage in the overall Environmental Assessment process. It is recognized that this is early in the process, and the hydrogeological data is from secondary sources. The contaminant assessment is similarly at a high level. Staff would appreciate being informed of more detailed information based on site-specific hydrogeological data, particularly for below grade sections and the watercourse crossings (of which there are many).	
Trails		
30.	In an effort to ensure opportunities for public trail crossings/underpasses along the 407 Transitway corridor are not excluded, staff provide the following. a) Within the Transitway corridor, ensure that all existing public access rights-of-way in greenspaces are maintained and improved where necessary to	

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	accommodate walking and cycling, as appropriate and in consultation with TRCA, and local and regional municipalities. b) Within the Transitway corridor, ensure that public access rights-of-way for walking and cycling are incorporated at all river crossings in greenspaces, where appropriate and in consultation with TRCA, and local and regional municipalities. c) Within the Transitway corridor, integrate a separated, multi-use pathway to facilitate active transportation, active living, and overall improved connectivity to and from surrounding communities in the Greater Toronto Region. d) In addition to supporting TRCA's Trail Program, these comments support the objectives and/or recommended actions in MTO and Metrolinx plans for the Toronto Region. Please comment on how this project is meeting the goals and objectives of the MTO Greater Golden Horseshoe Transportation Plan, Draft Goals and Objectives (September 2017) and Metrolinx Draft 2041 Regional Transportation Plan for the Greater Toronto and Hamilton Area (September 2017) as it relates to the comments above.	
Preliminary Detailed Design Considerations		
31.	Should the proponent choose to engage TRCA through Voluntary Project Review. a) TRCA staff understand that Erosion prevention and sediment control measures shall be implemented to mitigate erosion and sediment processes during construction. At the detail design stage, please provide and Erosion and Sediment Control (ESC) report along with engineering drawings. Please provide ESC details, location and supporting calculations in the report and drawings. The mitigation measures shall conform to the ESC Guidelines for Urban Construction (December 2006). b) Staff understands that a utility corridor will be constructed along the entire transitway. Please confirm or provide further details on constructions methods, potential vegetation removal, temporary crossings, erosion and sediment control, mitigation measures etc. that will be provided while the 407 TWY is under construction. Additionally, the following presents the geotechnical requirements at the detailed design stage of the proposed undertaking: c) The detailed geotechnical study is required in support of the proposed undertaking to assess the ground condition along the alignment and to provide the geotechnical design recommendations for the various components of the proposed undertaking; e) Where the valley slopes exist, the slope stability and erosion hazard assessment is required to ensure that the proposed work is not undermined by erosion hazard in long-term or does not destabilize the valleys. The position of the Long-Term Stable Top of Slope needs to be delineated with a minimum safety factor of 1.50 to define the setback required from the existing top of bank/slope;	

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	f) Where the stabilization is required due to the active erosion in the valleys, the stabilization should be designed by geotechnical engineer to ensure that a minimum safety factor of 1.50 is met after stabilization; g) The retaining walls, abutments and wing walls should be designed by qualified engineer using geotechnical information. The global stability should be also checked for the walls to confirm that a minimum safety factor of 1.50 is met against global instability; h) The culverts should be designed by qualified engineer using the geotechnical information. Suitable foundation is required for the culverts as per the ground condition; i) The cross-sections should be provided along the alignment in adequate intervals, which shows the proposed grade with respect to the existing ground. The cross-section should be extended enough to show all the features and slopes/banks where exist. The extent of the proposed grading should be also shown on the site plan along the alignment; j) The proposed embankments should be studied and designed by geotechnical engineer. The stability assessment is required for the embankments to ensure that a minimum safety factor of 1.50 is achieved; k) The proposed cuts should be studied by geotechnical engineer. Stability assessment is required to confirm that the proposed side slopes for the cuts satisfy a minimum safety factor of 1.50; l) All engineering drawings for the retaining walls, abutments and wing walls, culverts, stabilization works, embankments and cuts should be prepared showing all necessary details and specifications and submitted as signed and sealed by Licensed Professional Engineer; m) Where the work is in proximity of the steep slope and valleys, the construction methodology and sequencing should be presented to ensure that the surrounding ground/slope is not adversely impacted during the construction; n) Where the work requires the construction access into the steep slopes and valleys, the cross-sections and profile should be presented for the access. The slope stability assessment is required to study the cross-sections (cuts and fills) and to confirm that the slope stability is met. The slope stability analyses should also account for the heavy machinery/equipment loads and vibrations; o) If the construction results in alterations and disturbance into the slopes and valleys, the stabilization is required to be reviewed by the geotechnical engineer. Given the slope geometry and the extent of the alterations, the stabilization may require to be engineered (e.g. engineering structures) to ensure that the stabilization remains stable in long-term with a minimum safety factor of 1.50. Further, all necessary engineering details, cross-sections should be prepared by geotechnical engineer and submitted as signed and sealed by Licensed Professional Engineer;	

ITEM	TRCA COMMENTS (March 12, 2018)	PROPONENT RESPONSE
	p) Where there is trenchless installation for the infrastructures below the watercourse, the pertinent geotechnical studies should be conducted to provide the required site characterization. The trenchless installation should be designed by specialty consultant or contractor using the geotechnical information and recommendations. The adequate cover from the bottom of the watercourse should be determined as per the design. The cross-sections and site plan showing the alignment and entry and exit pits/shafts and the cover from the bottom of the watercourse and other infrastructures should be also submitted in support of the proposed undertaking. The design should also ensure that the proposed trenchless installation does not cause the inadvertent return of drilling fluid (frac-out) or excess settlement on the ground along the alignment. Further, the shafts or pits required for the proposed trenchless installation should be properly stabilized by the means of shoring or other techniques. The details of such stabilization should be also prepared by qualified engineer and submitted as signed and sealed be Licensed Professional Engineer.	

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

Ms. Suzanne Bevan
Senior Planner
Toronto Region Conservation Authority
5 Shoreham Drive
Downsview, Ontario
M3N 1S4

Dear Ms. Bevan:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you of the commencement of the TPAP period for the 407 Transitway project. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

At the end of the formal 120-day TPAP period, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you will be sent a final contact letter to inform you of opportunities to review the EPR. All information produced as part of this study is available at **www.407transitway.com**.

If you have any questions/concerns about the 407 Transitway project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

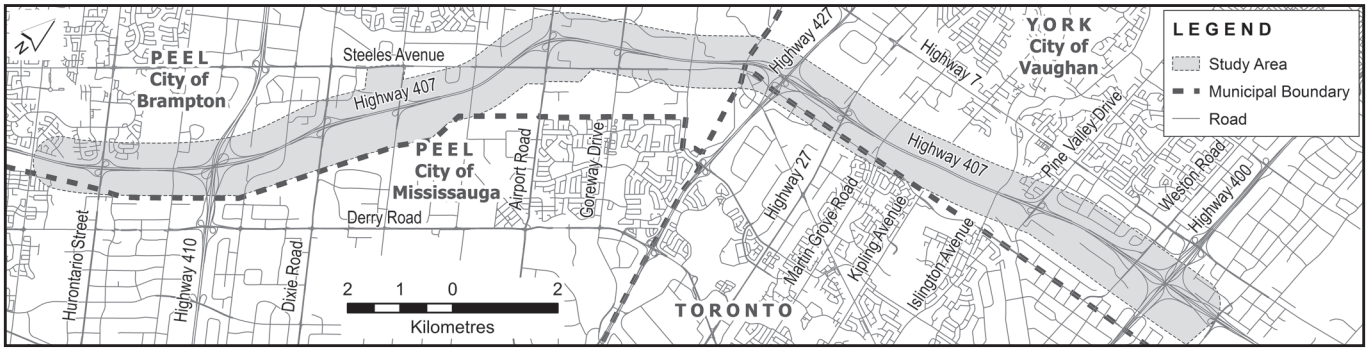
NOTICE OF COMMENCEMENT OF TRANSIT PROJECT ASSESSMENT PROCESS

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* This Notice of Commencement marks the beginning of the formal 120-day consultation and documentation TPAP period, starting **April 25, 2018,** and ending when the Notice of Completion is issued. As part of the TPAP, an Environmental Project Report is being prepared. The Notice of Completion (with information on the release of the final Environmental Project Report) will be published separately in local newspapers at the end of the 120-day period. All information produced as part of this study is available at **www.407transitway.com.**

CONSULTATION

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018. Members of the public, landowners, Indigenous Communities, agencies and other interested parties are encouraged to participate actively in the TPAP by contacting the Project Team directly with information, comments or questions.

If you would like to be added to the project mailing list, or have project-related questions, please contact any of the following Project Team members:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255
fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Chris Bishop
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9
tel: 905-917-3201
e-mail: chris.bishop@parsons.com

Larry Sarris, MCIP, RPP
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-6701
fax: 416-235-3446
e-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244
fax: 905-833-1255
e-mail: gkauffman@lgl.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act.* Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Project Officer or the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

First published on **April 25, 2018.**

Ontario

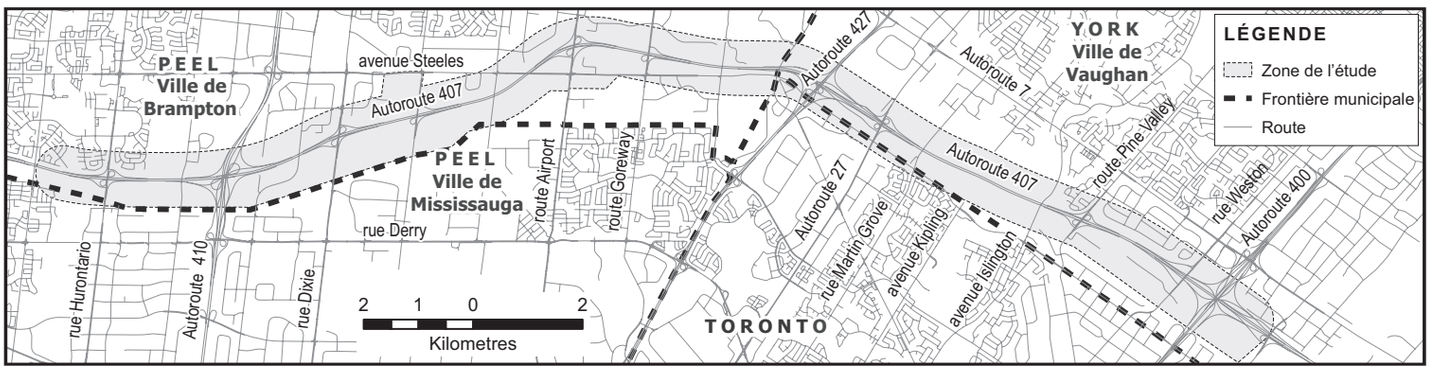
AVIS DE COMMENCEMENT DU PROCESSUS D'ÉVALUATION DES PROJETS DE TRANSPORT EN COMMUN

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario (MTO)** effectue une étude sur la rue piétons-autobus 407 à partir de l'ouest de la rue Hurontario à la frontière des villes de Brampton et de Mississauga jusqu'à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive parallèle au corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. Un certain nombre de sites supplémentaires dans la zone d'étude seront également protégés pour une compensation environnementale. Sous réserve des conclusions de l'étude, la voie réservée 407 sera mise en place d'abord comme une voie de service rapide par bus (SRB).

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Le présent avis de commencement marque le début de la période officielle de consultation et de documentation de 120 jours du processus d'évaluation des projets de transport en commun, qui aura lieu du **25 avril 2018** jusqu'à la publication de l'avis d'achèvement. Un rapport de projet environnemental sera préparé dans le cadre de ce processus. L'avis d'achèvement (qui contiendra l'information relative à la publication du rapport de projet environnemental final) sera publié séparément dans les journaux locaux à la fin de la période de 120 jours. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CONSULTATION

Jusqu'à maintenant, l'équipe du projet a fait participer activement le public, les propriétaires fonciers, les communautés autochtones et divers organismes. Depuis l'automne 2015, des assemblées ont eu lieu et des commentaires d'intervenants ont été recueillis. Deux centres d'information ont été organisés les 6 et 8 décembre 2016 et les 23 et 25 janvier 2018. Les membres du public, les propriétaires fonciers, les communautés autochtones, les organismes et les autres parties intéressées sont invités à prendre part activement au processus d'évaluation des projets de transport en commun en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions.

Si vous voulez être ajouté à la liste de distribution du projet ou si vous avez des questions à propos du projet, veuillez prendre contact avec l'un des membres de l'équipe du projet ci-dessous :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
Planificateur environnemental principal du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-6701
téléc. : 416 235-3446
courriel : larry.sarris@ontario.ca

Chris Bishop
Chargé de projet de firme de conseils
Parsons
625, promenade Cochrane, suite 500
Markham (Ontario) L3R 9R9
tél. : 905 917-3201
courriel : chris.bishop@parsons.com

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Tous les renseignements personnels inclus dans une soumission, tels que le nom, l'adresse, le numéro de téléphone et l'emplacement de la propriété, sont recueillis, conservés et divulgués par le ministère de l'Environnement et de l'Action en matière de changement climatique à des fins de transparence et de consultation. Cette information est recueillie en vertu de la *Loi sur les évaluations environnementales* ou recueillie et conservée en vue de la création d'un dossier accessible au grand public, comme cela est inscrit à l'article 37 de la *Loi sur l'accès à l'information et la protection de la vie privée.* Les renseignements personnels feront partie d'un dossier public qui sera à la disposition du grand public, sauf si vous demandez qu'ils soient tenus confidentiels. Pour de plus amples renseignements, veuillez prendre contact avec l'agent(e) de projet ou la coordonnatrice ou le coordonnateur de l'accès à l'information et de la protection de la vie privée du ministère de l'Environnement et de l'Action en matière de changement climatique au 416 327-1434. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Première publication le **25 avril 2018.**

Ontario

Liz Speller

From: Liz Speller
Sent: May-08-18 12:52 PM
To: Liz Speller
Subject: FW: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

From: Suzanne Bevan [mailto:sbevan@trca.on.ca]
Sent: April 24, 2018 3:30 PM
To: DeRose, Graham (MTO); Sarris, Larry (MTO)
Subject: Fw: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hi Graham,

TRCA received a copy of the Notice of Commencement for the TPAP.

Could you please confirm when TRCA will receive a response to comments provided February 12 and March 12, 2018.

Thank you,
Suzanne

Suzanne Bevan, B.Sc (Hons)
Senior Planner
Environmental Assessment Planning | Planning and Development

T: 416.661.6600 ext. 5759
C: 647.924.5467
E: sbevan@trca.on.ca
A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca[na01.safelinks.protection.outlook.com]

----- Forwarded by Suzanne Bevan/MTRCA on 04/24/2018 03:28 PM -----

From: Suzanne Bevan/MTRCA
To: "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>
Cc: "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, amy.munn@parsons.com, yves.dagssie@ontario.ca, tim.kocialek@brampton.ca, bob.nieuwenhuysen@peelregion.ca, steve.mota@york.ca, stephen.collins@vaughan.ca, Beth Williston/MTRCA@MTRCA, Quentin Hanchard/MTRCA@MTRCA, Coreena Smith/MTRCA@MTRCA, Sharon Lingertat/MTRCA@MTRCA, "Kerslake, Holly" <Holly.Kerslake@parsons.com>
Date: 03/12/2018 02:58 PM
Subject: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

(See attached file: 54835 407 Transitway Response to Draft EPRSB.pdf)

Hi Graham,

Please see attached correspondence. Appendix A was provided previously on February 12, 2018.

Should you have any questions please don't hesitate to contact me directly to discuss.

Thank you,
Suzanne

Suzanne Bevan | Senior Planner, Environmental Assessment Planning |Planning and Development | Toronto and Region Conservation| Mailing Address: 5 Shoreham Drive, Toronto, ON, M3N 1S4 | Office Location and Courier Address: 101 Exchange Avenue, Concord, ON, L4K 5R6 |☎416-661-6600 ext. 5759 | ✉sbevan@trca.on.ca|🖱www.trca.on.ca[na01.safelinks.protection.outlook.com]|

Please consider the environment before printing this email

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Thank you."[attachment "54835 407 Transitway Response to Draft EPRSB.pdf" deleted by Suzanne Bevan/MTRCA]

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Liz Speller

From: Liz Speller
Sent: June-29-18 12:05 PM
To: Liz Speller
Subject: FW: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP
Attachments: 10 - TRCAComments - Final.pdf

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: June-01-18 12:19 PM
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>
Subject: RE: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hello Susan,

Attached are responses TRCA's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

June 1st, 2018

Suzanne Bevan
Senior Planner, Environmental Assessment Planning, Planning and Development
Toronto and Region Conservation
5 Shoreham Drive
Toronto, ON, M3N 1S4

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mrs. Bevan,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to TRCA's comments which were received on March 12th, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

From:	Liz Speller
To:	Liz Speller
Subject:	FW: Fw: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP
Date:	July-07-18 8:38:37 AM

From: Kerslake, Holly
Sent: Friday, July 06, 2018 11:30 AM
To: 'Manirul Islam' <mislam@trca.on.ca>
Cc: 'Suzanne Bevan' <sbevan@trca.on.ca>; Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>
Subject: RE: Fw: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hi Manirul,

Unfortunately our FTP does not allow me to send link however I will add you to the folder so you can download everything. You should receive an automated email with instructions shortly.

Please let me know if you have any issues asap.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Manirul Islam <mislam@trca.on.ca>
Sent: Friday, July 06, 2018 11:18 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: Re: Fw: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

HI Holly,
Hope all is well. I am working on above noted project. Unfortunately we were unable to download the models that have sent with the sharefile link. If possible please send us models/report FTP link.
Thank you,
Manirul

Manirul Islam,MEnv.Sc, CAN-CISEC, PMP
Planner
Environmental Assessment Planning | Planning and Development

T: 416.661.6600 ext. 5715
C: 647.241.6816
E: mislam@trca.on.ca

A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca[trca.ca]

A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca[trca.ca]

----- Forwarded by Suzanne Bevan/MTRCA on 07/04/2018 08:23 PM -----

From: "Kerslake, Holly" <Holly.Kerslake@parsons.com>
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, "Garron, Gus" <Gus.Garron@parsons.com>, "Leung, Winnie" <Winnie.Leung@parsons.com>, "r.minnesconsulting@gmail.com" <r.minnesconsulting@gmail.com>, Liz Speller <lspeller@lgl.ca>, "Iliescu, Cristina" <Cristina.Iliescu@parsons.com>
Date: 07/04/2018 06:05 PM
Subject: RE: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hello Suzanne,

Further to the models provided on June 21st, we have uploaded the **Revised Appendix C of the EPR: Drainage Report** to the Parsons FTP for your review – you will receive a separate email notification with download instructions. Please let me know if you have any issues retrieving the files asap – Gus and I have been trying to contact you via phone over the past couple of days to ensure you have sufficiently received all files and if TRCA had any further comments to the comment/response table sent you on June 1st.

The end of the 120-day TPAP period is encroaching. That being said, if you have additional comments it would be greatly appreciated if you could provide them by **July 27th, 2018** to give us sufficient time to address them in the **Final EPR**. It is our goal to avoid having any comments arise during the 30-day public review period which commences after the **Notice of Completion is submitted on August 23rd, 2018.**

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Thursday, June 21, 2018 4:10 PM
To: 'Suzanne Bevan' <sbevan@trca.on.ca>
Cc: 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; 'r.minnesconsulting@gmail.com' <r.minnesconsulting@gmail.com>; 'Liz Speller' <lspeller@lgl.ca>
Subject: RE: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hello Suzanne,

The as noted in our responses, HEC-RAS and Hydrology models have been uploaded to the Parsons ShareFile for your review – you should receive a separate email with instructions on how to access these files. Please let me know if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From:	Liz Speller
To:	Liz Speller
Subject:	FW: Please find below
Date:	July-31-18 8:15:35 PM
Attachments:	CFN 54835 407 Transitway letter _ Comments and Response Log_July 30, 2018.pdf

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From: Manirul Islam <mislam@trca.on.ca>
Sent: Monday, July 30, 2018 5:44 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: Please find below

I am resending, thank you for letting me know.

I think you would need a word copy as well.
Thank you,

Manirul Islam,MEnv.Sc, CAN-CISEC, PMP
Planner
Environmental Assessment Planning | Planning and Development

T: 416.661.6600 ext. 5715
C: 647.241.6816
E: mislam@trca.on.ca
A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca[trca.ca]

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From:	Liz Speller
To:	Liz Speller
Subject:	FW: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP
Date:	August-13-18 3:12:34 PM

From: Manirul Islam <mislam@trca.on.ca>
Sent: Friday, July 27, 2018 12:50 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Suzanne Bevan <sbevan@trca.on.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: Fw: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hi Holly,
Hope all is well. Just an update..
We're still working on our comments letter- I'm hopeful by the end of Monday (July 30) we would be able to send you our response.
Please note, models and drainage reports are still under review - comments letter on these reports/models would be provided under a separate cover once the review is completed.

This just a little update for you.
Thank you and have a great weekend!
Manirul

Manirul Islam,MEnv.Sc, CAN-CISEC, PMP
Planner
Environmental Assessment Planning | Planning and Development

T: 416.661.6600 ext. 5715
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E: mislam@trca.on.ca
A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca[trca.ca]

From:	Kerslake, Holly
To:	Suzanne Bevan; mislam@trca.com
Cc:	DeRose, Graham (MTO); Sarris, Larry (MTO); Manirul Islam; Garron, Gus; Leung, Winnie; Liz Speller
Subject:	RE: 407 Transitway - Hurontario to Highway 400 - TRCA Comments Follow-up
Date:	July-26-18 2:23:53 PM
Attachments:	10 - TRCAComments - Final.pdf TRCA Discussion - Plate 01.pdf

Hello Suzanne & Manirul,

Please see attached "TRCA Discussion – Plate 01" which compliments the response to comment TRCA-18. This will be included in *Appendix A – Consultation* of the Final EPR. Please let us know if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Garron, Gus
Sent: Wednesday, July 18, 2018 3:52 PM
To: Suzanne Bevan <sbevan@trca.on.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; mislam@trca.com; Manirul Islam <mislam@trca.on.ca>
Subject: RE: 407 Transitway - Hurontario to Highway 400 - TRCA Comments Follow-up

Hi Suzanne,

Nice to hear back from you. We much appreciate TRCA's effort to expedite the review. Please feel free to contact us if you need to.

Best regards,

Gus

From: Suzanne Bevan <sbevan@trca.on.ca>
Sent: Wednesday, July 18, 2018 11:42 AM
To: Garron, Gus <Gus.Garron@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; mislam@trca.com; Manirul Islam <mislam@trca.on.ca>
Subject: Re: 407 Transitway - Hurontario to Highway 400 - TRCA Comments Follow-up

Hi Gus,

All is well but busy. I am sure it is the same for all of you.

Manirul had numerous requests from technical review team for the final report and wanted to follow up on the status. He briefed me on his conversation with Holly and her confirmation of next steps. As always, Holly has been very helpful.

Staff understands the outline below and the TPAP process, appreciates the project team's ongoing consultation and will provide partial comments by July 27.
Please note that Water Resources Engineering comments will be provided. However, I don't expect we will able be able to meet the July 27th date.

I don't believe a conference call is necessary but appreciate the offer. If you would like to speak to me directly at any time please call my cell 647-924-5467.
FYI Manirul's email is mislam@trca.on.ca.

Again, thanks for the follow up.

Thank you,
Suzanne

Suzanne Bevan, B.Sc (Hons)
Senior Planner
Environmental Assessment Planning | Planning and Development

T: 416.661.6600 ext. 5759
C: 647.924.5467
E: sbevan@trca.on.ca
A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca[trca.ca]

From: "Garron, Gus" <Gus.Garron@parsons.com>
To: "sbevan@trca.on.ca" <sbevan@trca.on.ca>
Cc: "mislam@trca.com" <mislam@trca.com>, "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, "Kerslake, Holly" <Holly.Kerslake@parsons.com>
Date: 07/18/2018 11:25 AM
Subject: 407 Transitway - Hurontario to Highway 400 - TRCA Comments Follow-up

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Hi Suzanne,

I hope things are good at your end. I have been trying to call you today to discuss the 407 Transitway TPAP's EPR review. Manirul Islam contacted and had a discussion with Holly Kerslake yesterday in this regard, and I thought it may be useful to highlight and discuss with you if necessary the following:

- On June 1, 2018 Parsons sent to TRCA the table containing the responses to the comments made by TRCA to the Draft EPR. The responses included all applicable changes to the EPR, using the exact wording being

incorporated in the EPR Report and corresponding Appendices.

- To complement the Comment/Response table, Parsons submitted the Hydrology and Hydraulic models to TRCA on June 21, 2018, and the complete Revised Appendix C of the EPR: Drainage Report on July 4, 2018. Please note that the majority of the TRCA comments were addressed in the Revised Appendix C.

- The complete Revised EPR will be available for stakeholder final review on August 23rd (Submission of Notice of Completion) for the 35 day stakeholder and public period review. Then, TRCA will be able to cross check if all proposed changes to the EPR have been included as stated in the Comments/Responses table.

- Please note that in the two previous 407 Transitway TPAPs, we followed this same approach regarding the Draft EPR comments received from all stakeholders.

As previously stated, we are looking for any additional comment to our responses by July 27th. We are under a tight deadline as well, as the Final EPR must be fully delivered by August 23rd (including printing etc.) as per the MOECP 120-day TPAP process.

If you feel a teleconference would be beneficial, please advise. Thanks again for taking the time to review this project – your input is very much appreciated.

Gus

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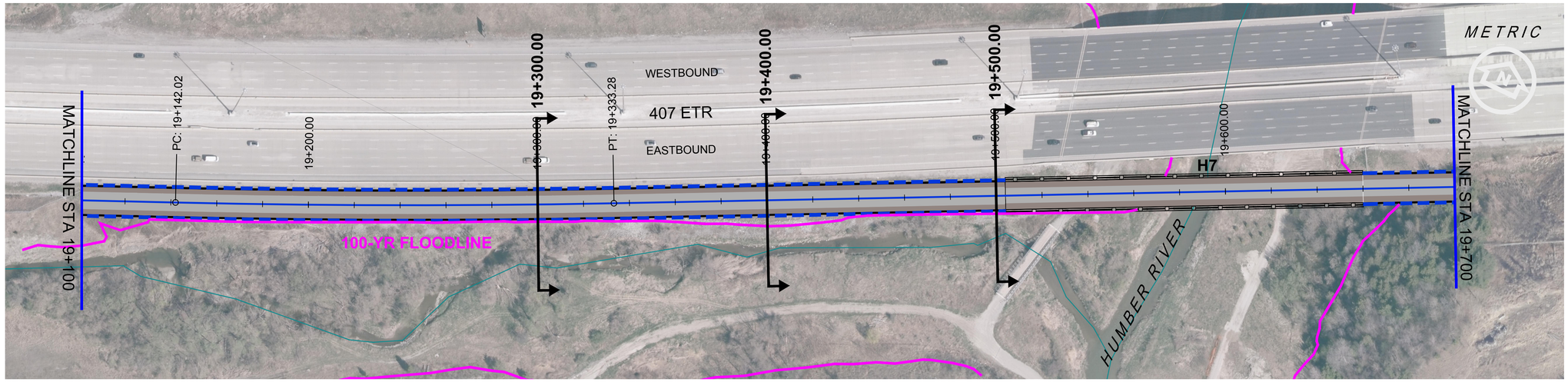

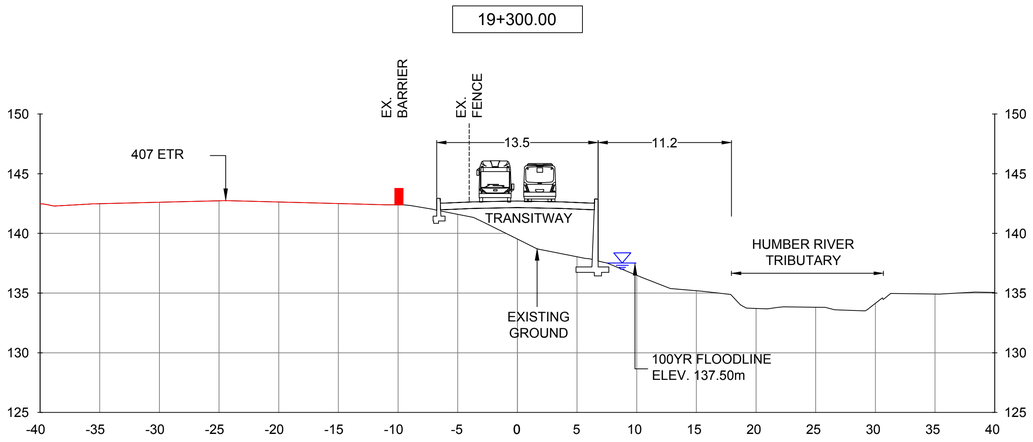

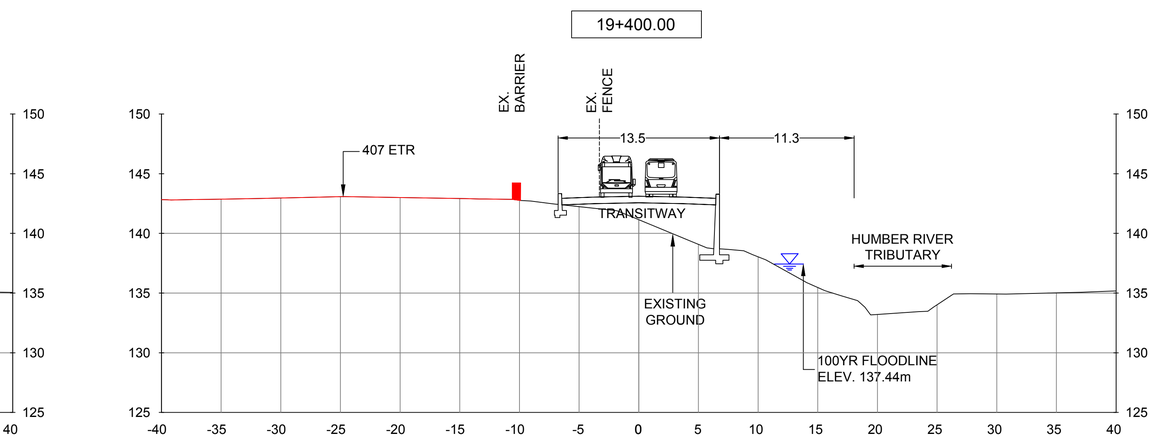

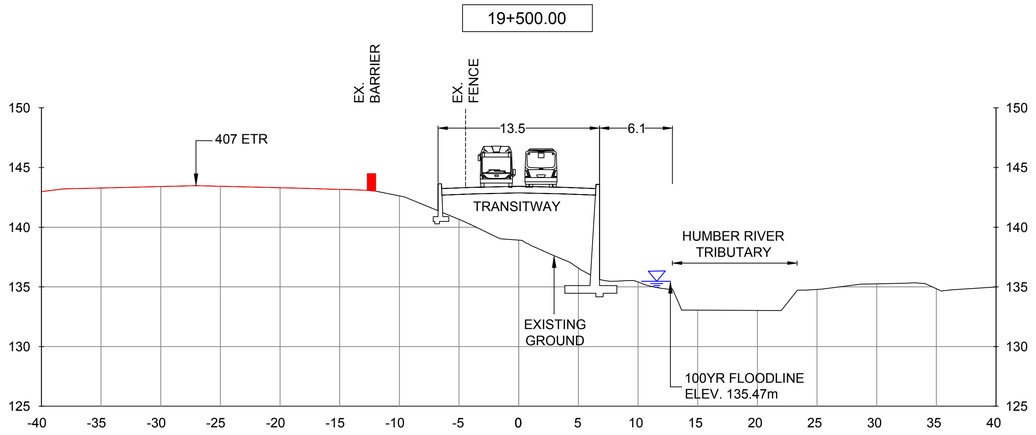

Ontario PARSONS IBI GROUP

SCALE

PLAN 1:2000

SECTION 1:250

LEGEND

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
CROSS SECTIONS STA. 19+300 TO 19+500

DRAWING SET
TRCA DISCUSSION

PLATE
01

DATE
07/18/2018

DRAWING NAME: J:\TOR\60\2896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TTS General\03 - Drawings\11 - Grading\TRCA cross sections\TRCA Discussion - Plate 01.dwg
MODIFIED: Jul 19, 2018 10:59am
CREATED: RM3

Toronto and Region Conservation for The Living City

July 30, 2018

CFN 54835

BY E-MAIL ONLY (graham.derose@ontario.ca)

Graham DeRose
Ministry of Transportation, Central Region
1201 Wilson Avenue
Building D, 4th Floor
Toronto ON M3M 1J8

Dear Mr. Graham DeRose:

Re: Response to Environmental Project Report Comment and Response Log
407 Transitway – Hurontario Street to Highway 400
Transit Project Assessment Process
Etobicoke, Mimico and Humber Watersheds; Cities of Bampton, Mississauga and Vaughan;
Regional Municipalities of York and Peel

Toronto and Region Conservation Authority (TRCA) staff received the '407 Transitway- West of Hurontario Street to East of Highway 400 Environmental Project Report Comment and Response Log' for above noted project on June 1, 2018. Staff notes that the EPR report was not provided with this submission. As per the email from Garron Gus of Parsons on July 18, 2018, the comment log is to facilitate the current study process. It was noted in the email that the final version of the submission will be provided to TRCA for review on August 23, 2018. The review team has completed the review of 'Comments and Response Logs' and detailed comments are provided in Appendix A.

Staff understands that the project includes installation of a 23.7 km transitway facility planned to be constructed on a separate right-of-way that parallels 407 ETR and seven stations (Hurontario Street, Dixie Road, Airport Road, Goreway Drive, Highway 50, Highway 27 and Pine Valley Drive). It is understood that the transitway will be initially implemented as a busway with potential conversion to light rail transit (LRT) in the future.

Staff notes that the HEC-RAS Models and Drainage Reports were received on July 6, 2018 and under review. TRCA will provide comments on 'comments and response log' related to Water Resources comments, Models and Drainage Reports under separate cover.

Please ensure TRCA receives one (1) hard copy (of mutually confirmed sections) and one (1) digital copy of the final EPR. The final EA document should be accompanied by a covering letter which uses the numbering scheme provided in this letter and identifies how these comments have been addressed.

Should you have any questions please contact me at extension 5759 or at sbevan@trca.on.ca.

Regards,

Suzanne Bevan

Suzanne Bevan
Senior Planner, Environmental Assessment Planning
Planning and Development

BY E-MAIL

cc:

MTO:	Larry Sarris (larry.sarris@ontario.ca)
Parsons:	Holly Kerslake, (Holly.Kerslake@parsons.com)
MOECC:	Yves Dagssie (Yves.Dagssie@ontario.ca)
Brampton:	Tim Kocialek, Manager of Engineering (Tim.Kocialek@brampton.ca)
Peel:	Bob Nieuwenhuysen, Manager, Transportation, Roads Design and Construction Public Works (Bob.Nieuwenhuysen@peelregion.ca)
York Region:	Steve Mota (Steve.Mota@york.ca)
City of Vaughan:	Stephen Collins (Stephen.Collins@vaughan.ca)
TRCA:	Beth Williston, Associate Director, Environmental Assessment Planning Quentin Hanchard, Associate Director, Planning and Development Coreena Smith, Senior Planner, Planning and Development Sharon Lingertat, Senior Planner, Environmental Assessm\

APPENDIX A: TRCA COMMENTS

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
1.	Staff notes that various planning and regulatory instruments including Municipal plans are listed but no mention the CA Act. Please note that the CA Act should be referenced as it relates to natural hazards (slopes, erosion, flooding) in the appropriate sections of the EPR.	**Response:** Noted. In accordance with the *Crown Agency Act*, R.S.O. 1990, C.48, s.1, and the *Conservation Authorities Act*, R.S.O. 1990, C.27, the Ministry of Transportation is exempt from the *Conservation Authorities Act*. However, information about the *Conservation Authorities Act*, Ontario Regulation 166/06, and the natural heritage assessment conducted as part of the Transitway project has been added to the EPR. Appropriate design considerations/environmental protection/mitigation measures to minimize the impacts of natural hazards can be found in "Chapters 6 – Impact Assessment, Mitigation, and Monitoring" and "Chapter 9 – Climate Change Considerations". **Proposed Changes to the EPR:** Section 3.2.1, Land Use Planning Policies of "Chapter 3 – Existing and Future Conditions" has been modified to read: ***"Conservation Authorities Act***: The *Conservation Authorities Act was created by the Ontario Provincial Legislature in 1946 to ensure the conservation, restoration and responsible management of hydrological features through programs that balance human, environmental and economic needs. Under Ontario Regulation 166/06 of the Conservation Authorities Act (Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses), the Toronto and Region Conservation Authority is responsible for managing the renewable natural resources within nine watersheds in the Greater Toronto Area. The goals of this regulation are to ensure public safety and protect property with respect to natural hazards (including erosion and flooding), and to safeguard watershed health by preventing pollution and destruction of sensitive environmental areas such as wetlands, shorelines, watercourses, and valleylands. This regulation provides TRCA with the authority to regulate interference and development within the regulated area. In accordance with the*	Please note that Conservation Authorities are a commenting agency under the Environmental Assessment Act. Please note that staff acknowledges the participation in the TAC and that the Province is exempt from our Regulation. Staff simply request that the CA Act be referenced with the other planning documents so that this list is comprehensive.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
		Crown Agency Act, R.S.O. 1990, C.48, s.1, and the Conservation Authorities Act, R.S.O. 1990, C.27, the Ministry of Transportation is exempt from the Conservation Authorities Act. However, as part of the 407 Transitway project, both the Toronto and Region Conservation Authority and Credit Valley Conservation were involved in the review of the Transitway project and were invited to participate in the Technical Advisory/Resource Group. In addition, a separate meeting with the Toronto and Region Conservation Authority took place to discuss the project in more detail. As part of the 407 Transitway project, a detailed natural heritage assessment has been conducted and the appropriate technical reports (including a Drainage, Hydrology, Stormwater Management and Floodplain Hydraulics Report – Appendix C) have been prepared. *Environmental protection/mitigation measures are provided in Chapter 6 (Impact Assessment, Mitigation and Monitoring) to minimize impacts to slopes, erosion/sedimentation and flooding. Section 9.4 (Potential Effects of Climate Change on the 407 Transitway) includes a discussion of extreme weather events, erosion and sedimentation control and increases in lake and water levels and outlines the proposed design considerations and protection measures to mitigate these natural hazards."*	
2.	Future Commitments - Please define Valley Land Management Plan – Section 10.3	**Response:** Section 6.3.1, Natural Environment of "Chapter 6 – Impact Assessment, Mitigation and Monitoring (and Section 4.2.3.2, Riparian Habitat and Valley land Management of "Appendix E – Terrestrial Ecosystems Existing Conditions and Impact Assessment Report") includes a discussion on riparian habitat and valley land management. As noted in the EPR, valley land management will take place for those vegetation communities where such management is recommended. **Proposed Changes to the EPR** No change to the EPR.	Staff understands riparian habitat and valley land management has been discussed in Chapter 6 and in chapter 4.2.3.2 of the Final EPR. What was requested was a definition. Staff wishes to ensure that there is an understanding between riparian and vegetation management vs management of the form and function of the valley feature. Further details please see The Living City Policies.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
3.	a) It is understood that alternatives and evaluation is provided in Section 4. I. Staff would appreciate request a summary evaluation, in table format, of the comparison of all crossing structures sizing and modelling. II. Please provide a quantitative analysis of the impacts to flooding and erosion (modelling), III. Associated impacts to the natural heritage system including watercourses, terrestrial natural heritage and wildlife crossings (where appropriate).	**a) Response:** I. There is no evaluation of crossing structures as hydraulic analysis was conducted only for the footprint of the preferred alignment alternative. The sizing of the proposed water crossing structures is included in Tables 5.9 and 5.10, Sections 5.3.1 and 5.3.2 of "Chapter 5 – Final Project Description" of the EPR. A comparison with sizing of the 407 ETR existing structures was conducted. The Transitway structures have same or greater spans and higher elevations than the ETR structures. II. Detailed flooding and erosion impacts and mitigation measures, if necessary, will be confirmed in the pre-construction design phase through a detailed Meander Belt Analysis. III. Comparative impacts to the natural heritage of the alignment alternatives were included in Tables 4.2 to 4.9 in "Chapter 4 – Identification of Alternatives and Evaluation Process "of the Draft EPR. Additionally, mitigation measures and monitoring of impacts of the preferred alternative were included in "Chapter 6– Impact Assessment, Mitigation and Monitoring" of the Draft EPR.	i) Not Addressed but Noted. ii) Not Addressed but Noted. Please ensure that sufficient property is available to address any Natural Hazard concerns further to the Provincial Policy Statement and TRCA's areas of interest. iii) Noted **iv)** Please see new comments 3 b (below).

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	IV. Please ensure that the explanation includes fill/grading, works below grade, construction practices such as dewatering.	IV. Section 4.3 has been added to "Chapter 4 – "Identification of Alternatives and Evaluation Process" of the EPR to address rationale and criteria used to identify and assess the horizontal and vertical alignment alternatives, including water crossing effects and constructability considerations. Note that all water crossings/floodplains are being crossed above grade, respecting high water levels, terrestrial natural heritage and wildlife, fill/grading approach, as described in "Proposed Changes to the EPR" for comment **TRCA-3.b**.	
	b) Please include how it was determined which segments of the transitway are proposed above/below/at grade. Please explain how the impacts to the natural features (watercourses) were considered – evaluated (not just an inventory of what is existing). Please confirm if there is enough room to implement proposed alignments while maintaining flows to watercourses.	b) **Response:** Please refer to "Proposed Changes to the EPR" as described in comment **TRCA-3.b**.Please refer to Item IV in "Response" as described in comment **TRCA-3.a.** Please refer to Item III in "Response" as described in comment **TRCA-3.a**. There is enough room to implement the proposed alignment while maintaining flows to watercourses. The proposed water crossing structures will convey the flows. Quality control follows the MTO Highway Drainage Design Standards as shown in "Chapter 5 – Final Project Description", Table 5.17.	**3b)** NEW COMMENT: The response indicates that there is enough room to implement the proposed alignment while maintaining flows to watercourses. It is still unclear how the features will be accommodated. As per one of original comments, "A below grade crossing is proposed at the CNR tracks, just east of Airport Rd. However watercourses M5 and M6 can be found in this general location. Please clarify how flows will be maintained as the below grade portion appears to be very short and it's unclear how below grade access will be achieve in such a short stretch. In addition, there are two branches which feed into the Mimico Creek east of the CNR. Please indicate how flows will be maintained."
4.	**West of Hurontario to East of Kennedy Rd** a) The Hurontario Station appears to be located within CVC's jurisdiction. Please contact CVC for	**a.** Noted. CVC has been contacted as part of this study.	a. Noted

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	further direction. b) Please indicate whether the proposed below grade alignment will accommodate the future Hurontario LRT and whether the LRT route into the new Maintenance and Storage Facility has been considered. c) A watercourse located west of Kennedy Road has not been labelled or identified and will need to be addressed in the design of the transitway. Please revise the figures to include the missing watercourse or identify where this is identified in the EPR.	**b.** The proposed alignment and grading were designed avoiding conflicts with the Hurontario LRT OMSF, connecting track and maintenance road, as per the latest design received from Metrolinx on December 14th, 2017. Note that Metrolinx has been included and consulted as a Stakeholder throughout the duration of this project. **c.** This feature is the south ditch of 407 ETR The tributary area is only 3.77 hectares, which will be drained through a pipe culvert at the Transitway crossing. At this stage, only box culverts and bridges are being included in the EPR. Pipe culverts are to be determined in final design/pre-construction phase.	b. Noted c. It appears one of the head water features (watercourse) is still missing at the west of crossing E1. The response indicates that this feature will be drained through a pipe culvert. TRCA staff has been working with Metrolinx on the design of the Maintenance and Storage Facility south of Highway 407 at Hurontario to ensure this feature is conveyed through the site. Please confirm that flows will be maintained. Please note TRCA engineering staff may have additional comments.
5.	**East of Kennedy to West of**	Watercourses E3 and E4 have been added in the plan and profile	Noted.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	Tomken According to our mapping, it appears that portions of the watercourse between Kennedy and 410 are missing. Please ensure the entire natural feature is captured in the mapping.	drawings.	
6.	**Dixie Rd Station** This station appears to be located within the flood plain. See comment #17.	The station surface facility of Dixie Rd Station is inside the Hydro One Corridor under the transmission lines. The elevation/grading design is meeting the vertical requirements from Hydro One due to electromagnetic restrictions. The facility is located outside of the 100-year floodplain; however, a small portion of the station does fall within the regional floodplain. Mitigation measures such as warning signage will be considered during the pre-construction design phase. This is the only site available for a station facility at Dixie Rd. as indicated in Chapter 4 of the EPR.	The response indicates that a portion of the station falls within the Regional flood plain. Further comments pending by TRCA Water Resources Engineer.
7.	**Bramalea Rd** The Bramalea GO station is located just north of Hwy 407. It's unfortunate that there is no connection to the station from the transitway. Please clarify if GO station users will have access to the transitway.	A comprehensive analysis of the selected station sites, including considerations for a Bramalea GO Station connection, is included in "Chapter 2 – Transportation Needs", "Chapter 4 – Identification of Alternatives and Evaluation Process", and "Chapter 5 – Final Project Description. At Bramalea Road, through the evaluation process it was concluded that the most efficient and cost-effective option was to provide an interlining bus service connection on Bramalea Road to connect the Transitway facility to Bramalea GO Station, as described in Table 4.4D – Segment C.2 in "Chapter 4 – Identification of Alternatives and Evaluation Process" of the EPR. Thus, GO station users will have access to the transitway.	Noted. It is noted in the response that an analysis of the connections is provided in several chapters of the report. Through analysis it was concluded that an interlining bus services would be provided between GO and Transitway facility at this location. Deferred to MTO to determine whether a connection is feasible.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
8.	**Above Grade alignments** a) Please provide the rationale for the various lengths of above versus below versus at-grade alignments. For instance, an above-grade alignment is shown west of Airport Rd at crossing M4. Depending on how this will be designed, there most likely will be additional fill located in the area of the watercourse/flood plain. b) It is also unclear as to why the above-grade portion of the transitway ends close to the eastern edge of the watercourse. Please note that these details will need to be addressed to ensure drainage patterns are maintained, watercourses protected and impacts to flood plains are addressed.	a) Please refer to "Response" as described in comment **TRCA-3.b**. **Proposed Changes to the EPR:** Please refer to "Proposed Changes to the EPR" as described in comment **TRCA-3.b**. **b)** The structure has been extended west to clear the floodplain, avoiding adding backfill within the floodplain **Proposed Changes to the EPR:** The grading and structure location in Plate 14 of "Chapter 5 – Final Project Description" have been revised to illustrate the extension of the proposed structure.	a. The response indicates that there is enough room to implement the proposed alignment while maintaining flows to watercourses. It is still unclear how the features will be accommodated. Please see comments # 3b. **b.** Noted. Under Review.
9.	**South of Steeles west of Airport Rd.**	**Response:** Proper consultation and coordination with Peel Region has been followed to avoid impact to the existing sanitary sewer, as stated in	The response indicates consultation and coordination with the Region of Peel has been made to avoid impacts

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	It is our understanding that the Region of Peel is currently constructing a new sanitary sewer in this general location. Please ensure this has been coordinated.	the Peel Region Comments and Responses. **Proposed Changes to the EPR:** The profiles in Plates 1 and 2 in "Chapter 5 – Final Project Description" have been modified to avoid impact to the existing sewer.	to the existing sanitary sewer. Please include the consultation and coordination notes in the final report.
10.	**Other locations** a) A below grade crossing is proposed at the CNR tracks, just east of Airport Rd. However, watercourses M5 and M6 can be found in this general location. Please clarify how flows will be maintained as the below grade portion appears to be very short and it's unclear how below grade access will be achieved in such a short stretch. In addition, there are two branches which feed into the Mimico Creek east of the CNR. Please indicate how flows will be maintained. b) An at-grade alignment is proposed west of Gorewood Drive. There is a large flood plain in this location. Please	**Response** a. Due to the CNR tracks being on an 8m embankment at this location the Transitway will pass below the rail line and bridge over watercourses M6 to the west and M7 to the east. Construction methods such as the use of coffer- dams will be discussed with TRCA prior to the implementation phase to ensure flows can be maintained. **Proposed Changes to the EPR:** Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments" of the EPR has been added to read: *"Adequate construction methods and detailed mitigation and control measures including feasible actions up and/or downstream to decrease any potential impact caused by the Transitway, in areas where the footprint of the 407 Transitway may affect the floodplain in extraordinary events (Regional storm), will be discussed and coordinated with TRCA and any other applicable agencies prior to the initiation of construction".* ***Response:*** *b)* The structure has been extended west to clear the floodplain, avoiding filling within the floodplain. In floodplain areas, adequate construction methods will be determined during the final design phase, prior to implementation. This will be discussed and	**a)** Under Review. **b)** Under Review

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	clarify how the transitway will be constructed without having impacts to the flood plain and without flooding the transitway.	coordinated with TRCA and other relevant agencies. A commitment has been added to "Chapter 10 – Commitments" describing the above. **Proposed Changes to the EPR:** The grading and structure location in Plate 20 in "Chapter 5 – Final Project Description" has been revised to illustrate the extension of the proposed structure. Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments", of the EPR has been added to read: *"Adequate construction methods and detailed mitigation and control measures including feasible actions up and/or downstream to decrease any potential impact caused by the Transitway, in areas where the footprint of the 407 Transitway may affect the floodplain in extraordinary events (Regional storm), will be discussed coordinated with TRCA prior to the initiation of construction."*	
	c) An above-grade crossing at H1 (Claireville) is proposed. Please note that our mapping shows a small tributary which feeds into the main branch. Please clarify how all features will be maintained. Please clarify what type of watercourse crossing structure is proposed at this location.	**Responses:** c) The 407 Transitway is located over 30 metres away from the small tributary that feeds into the main branch. Therefore, all features will be maintained. **Proposed Changes to the EPR:** No change to the EPR.	**c)** Type of watercourse structure to be used has not been identified. The responses indicated that the tranisitway is at least 30 m away from the features. To be reviewed by TRCA Water Resources Engineer.
Water Resource Engineering			
11.	Page 1 of the Drainage Report prepared by Parsons states that 8 stations including Martin Grove are proposed along the study limits, while section 4.2.2 (page	**Response:** In total, 7 stations are being proposed. The Drainage Report has been revised accordingly. **Proposed Changes to the EPR:**	Under Review

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	42) of the same report indicates that only 7 stations are proposed. Please clarify or adjust accordingly.	Typo correction made to Page 1 of the Drainage Report (Appendix C of the EPR).	
12.	Please provide a digital copy of the VO2 models prepared for both the transitway and the stations. Further detailed comments will be provided once the hydrologic modeling files are fully reviewed.	VO2 models for both the 407 Transitway Alignment and Stations have been provided	Under Review.
13.	Storm distribution and quantity control proposed for sites within the Etobicoke and Mimico Creek watershed are acceptable. However, for the Humber River watershed the TRCA will require the consultant to run the 6 and 12-hour AES distribution and select the storm requiring the greater storage volume. It should be noted that in areas within the Humber River watershed where quantity control is required; post-development flows must be controlled to unit flow rates consistent with TRCA SWM criteria (2012).	**Response:** Noted. For the Humber River Watershed, a 6hr-AES distribution storm has been added in the hydrologic models for both the running way and stations. Of the two storms, the storm criteria that require larger storage volume is being used in the design (most conservative). Unit flow rates for Humber river watershed have been applied as the control limit for post-development condition as per TRCA SWM Criteria (2012). **Proposed Changes to the EPR:** Model results are being updated and the design reviewed as applicable.	Under Review
	The Drainage Report does not provide details on TRCA erosion and water balance requirements. Please add a sections within the SWM report to include TRCA erosion and water balance requirements consistent with Table 2-2 (page 10) of TRCA	Water Balance has been added to the SWM criteria. Erosion control has been considered in the station design. Along the runningway, enhanced swales which infiltrate the runoff and help to achieve water balance requirements are being proposed, following MTO design criteria and as designed in the previously approved TPAP sections of the 407 Transitway. To improve efficiency of water balance, Low Impact Development	Under Review

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14.	SWM criteria (2012) along with details on how those requirements would be met. It should be noted that these requirements apply not only to the stations but also to the transitway.	strategy (LID) technologies, such as permeable pavement and vegetated filter strips, consistent with the TRCA LID SWM Planning and Design guide, were discussed in Chapter 9 "Climate Change Considerations" of the EPR. Additionally, a commitment regarding LID has been added to the EPR. **Proposed Changes to the EPR:** "Water Balance" has been added as a criterion in Table 4.1 in "Chapter 4 – Identification of Alternatives and Evaluation Process" of the EPR. Summary pond-drainage area tables in Section 4.2.2 of the "Appendix C: Drainage Report" of the EPR have been revised based on erosion control criteria (retaining 5mm on site and 25mm for 48hr). Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments" of the EPR has been added to read: *"Low Impact Development (LIDs) measures such as permeable pavement and vegetated filter strips, as well as other innovations that may be available in the future, to replicate the infiltration of stormwater on site, consistent with the TRCA LID SWM Planning and Design Guideline will be considered during the final design/construction phase".*	
15.	Proposed works, mitigation measures and supporting calculations for the stretch of the transitway within the Fletchers Creek watershed are deferred to Credit Valley Conservation (CVC) for review and approval.	**Response:** Noted. **Proposed Changes to the EPR:** No change to the EPR.	Under Review.
16.	A channel enclosure of approximately 132.5m is proposed through Highway 27 Station. TRCA does not support enclosure of watercourses. Further hydro-geomorphological studies and a more robust hydraulic assessment that capture the complexity of the site will be required for this site. The	**Response:** The 407 ETR yard project has not yet been finished. Given this constraint, our analysis is using pre-existing conditions. The receiving existing drainage system is 2.4m x 1.2m enclosed for at least 300m, all the way to the CNR track. The study team analyzed the enclosure using EPA SWM 5.1 as the hydraulic modelling tool for this system. The resulting HGL was then used for boundary condition at cross section #90.	Under Review.

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	hydraulic assessment should take into account associated works and final configuration of the ongoing 407 patrol yard.	The study team has modified its original enclosure by minimizing the length of this culvert. Refer to Figure F-6. An open channel is now proposed between the two ponds. Although this water course has been completely enclosed downstream of Steeles Avenue, it is understood that its capacity is limited creating a backwater effect upstream. The Transitway is located well above the maximum water elevation. In the existing conditions, the excess runoff will become overland flow. The proposed condition will be the same. The design is providing wetland storage just upstream of the Transitway and adding two ponds to alleviate flooding. **Proposed Changes to the EPR:** Figure F-6 in "Appendix C: Drainage Report" has been revised.	
17.	As previously noted for above, please provide a discussion on potential filling in the flood plain as a result of the proposed works or confirm all existing grades are maintained and no filling within the Regional floodplain is anticipated. It would be of special interest the area east of Pine Valley drive where raising the transitway profile may be required.	**Response:** Structures have been extended to clear the floodplain, avoiding filling within the floodplain. Please refer to "Response" as described in comments **TRCA-8b** and **10b**. For the area just east of Pine Valley Drive, the alignment must cross the Hydro One Corridor from north to south under the transmission lines. The 407 Transitway profile has been raised providing the highest elevation possible at this location while meeting the transmission cable clearance requirements due to electromagnetic restrictions. Please note that the revised profile clears the 100-year storm floodplain level. **Proposed Changes to the EPR:** Please refer to "Proposed Changes to the EPR" as described in comments **TRCA-8b** and **10b**.	Under Review.
	It appears that in order to avoid realignment of Rainbow creek between stations 19+300 and 19+500 of the 407 TWY retaining walls would be proposed. Potential increases in water surface elevations and reduction of riparian storage along with hydro-geomorphology issues	**Response:** The horizontal and vertical alignment shown at this TPAP phase of the project was developed to minimize impacts to the watercourse. The proposed alignment is located as close as permissible to 407 ETR to minimize the height of the required retaining walls. Cross sections illustrating proposed runningway grading and high-water level are illustrated in Section 5.1 in "Chapter 5 – Final Project Description" of the EPR. A commitment has been added regarding any potential impact to	Under Review.

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18.	resulting from the proposed retaining walls should be further investigated.	riparian storage and hydrogeomorphology. **Proposed Changes to the EPR:** Section 5.1 in "Chapter 5 – Final Project Description" of the EPR includes cross sections between stations 19+300 and 19+500. Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments" of the EPR has been added to read: *"During the pre-construction phase, prior to implementation, any impact to riparian storage and hydrogeomorphology will be further investigated and corresponding mitigation measures (if applicable) will be defined following consultation with TRCA and applicable agencies."*	
19.	There are inconsistencies with the settling lengths, and drawdown time calculations. Based on calculation provided in Appendix F (falling head equation), some of the proposed SWM ponds do not meet the 48 hours detention target (i.e., SWMF5 &5A, SWMF6, etc). Please confirm or revise accordingly. Please refer to equation 4.10 and 4.11 (page 4-58) of the MOECC SWM Design Manual (2003)	**Response:** In the case of small drainage areas (less than 3 hectares), even with minimum 75-mm orifice, 25-mm the water volume will drain out in less than 48 hours. Although 48-hours detention cannot be targeted for small drainage areas, at least 24-hours detention can be achieved, which is the criterion noted in MOECC SWM Design Manual (2003). **Proposed Changes to the EPR:** No change to the EPR.	Under Review,
20.	Please provide a discussion on ponds where the minimum 75mm may not be feasible (i.e., SWMF 1A). Further, please revise the design of the SWM facilities to include minimum slopes, safety benches, forebay access etc. consistent with the SWM Design Manual (MOECC 2003)	**Response:** Some drainage areas for small ponds (less than 5 hectares), would not meet the 48-hrs drawdown time requirement using the 75-mm orifice. SWM facilities were designed using MTO standards and requirements. Where feasible the proposed solution has allowed sufficient area to meet these requirements. The ponds will be fenced and not accessible to the public. According to the SWM Design Manual (MOECC 2003), in instances where a perforated riser outlet is designed, the orifice is protected by the smaller perforations in the riser and a minimum orifice size of 50mm is acceptable.	Under Review.

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		Proposed Changes to the EPR: Please refer to "Proposed Changes to the EPR" as described in comment **TRCA-19**.	
21.	Please confirm the groundwater level at each pond location. Please provide a discussion on potential groundwater/dewatering issues, mitigation measures etc.	**Response:** The groundwater assessment completed as part of the 407 Transitway TPAP presents a generalized interpretation of hydrogeological conditions and was based on available background hydrogeological information and a visual survey. No site specific testing/monitoring was conducted. As noted in Table 10.1 (Commitments Summary), hydrogeological conditions within the study area will vary locally and are subject to confirmation with actual site specific investigations by a qualified hydrogeologist prior to consturction, as necessary, including (but not limited to) boreholes, monitoring wells, test pits, groundwater hydraulic testing chemical analysis. The potential impact of the proposed construction works on groundwater resources (including the groundwater recharge/flow system and suspected areas of high water table) will be reassessed (as warranted) based on this more detailed site specific hydrogeological data prior to construction. Further investigation/monitoring will be completed and appropriate mitigation measures incorporated into the design prior to construction, as required. **Proposed Changes to the EPR:** No change to the EPR.	Not Addressed but noted.
22.	An emergency spillway is required to pass the greater of the 100-year and Regional peak flows assuming 50% blockage of the outlet structure. Please provide further details and refine calculations.	**Response:** Full blockage of the outlet structure (as opposed to 50%) has been assumed for the this Design. Calculations are included in Appendix F of the "Appendix C: Drainage Report" of the EPR. Note that the spillway design provided for each pond passes the greater of 100-year and Regional peak flows (most conservative). **Proposed Changes to the EPR:** Spillway design shown in Figures F-1 to F-7 in "Appendix C: Drainage Report" of the EPR.	Under Review
	Please provide the 5mm retention requirement for each station area	**Response:** Erosion control has been considered in the station design. To	Under Review

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23.	per TRCA SWM Criteria (2012). Staff would encourage the use of Low Impact Development (LIDs) measures to replicate the infiltration of stormwater on site consistent with the TRCA LID SWM Planning and Design guide.	replicate infiltration of stormwater on site, Low Impact Development strategy (LID) technologies, such as permeable pavement and vegetated filter strips, consistent with the TRCA LID SWM Planning and Design guide, were discussed in Chapter 9 "Climate Change Considerations" of the EPR. Additionally, a commitment regarding LID has been added to the EPR. **Proposed Changes to the EPR:** Please refer to "Proposed Changes to the EPR" as described in comment **TRCA-14.a**.	
24.	Please include a plan with the proposed SWM facilities with operational elevations in addition to 2 cross sections (length and width) through the pond including the outlet structure.	**Response:** Outlet details for each pond are included in Tables F.1A-e, F.1B-e, F.2A-e, F.2B-e, F.3-e, F.4-e, F.5A-e, F.5B-e, F.6-e, F.7-e in Appendix F of "Appendix C: Drainage Report" of the EPR. These tables show pond water levels, orifice sizes, and elevations. The vertical permanent water level and outlet control structure with different vertical elevations are indicated on the details of the station drawings. In addition, pond cross sections are being added to the EPR document, as requested. **Proposed Changes to the EPR:** Cross-sections have been added to Figures F-1 to F-7 in "Appendix C: Drainage Report" of the EPR.	Under Review
25.	Please confirm there would be no impact to the designed SWM pond outlet control from the Regional flood at each station.	**Response:** SWM ponds are designed to control the 100-year storm flood. Spillways are being included for conveyance to mitigate extraordinary floods. **Proposed Changes to the EPR:** Cross-sections have been added to Figures F-1 to F-7 in "Appendix C: Drainage Report" of the EPR.	Under Review
A proper hydraulic review could not be conducted as the digital HEC RAS files were not provided. However, some general comments are listed below. Refer to the HEC RAS user's manual and the TRCA Technical Guidelines for Flood Hazard Mapping (2017) for further guidance.			
	a) Please provide a digital copy of the HEC RAS and HY-8 files including pre	**Response:** HECRAS files are being provided to TRCA	Under Review

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26.	and post-development scenario/plan in separate files for all crossings. b) All crossings should be simulated using standard HEC-RAS modeling procedures (i.e.4 cross-sections, ineffective flow options, etc.). c) TRCA standard Manning's "n" values will be used. (0.035 along the channel and 0.08 on the overbanks) d) Cross-sections should be large enough to contain the Regulatory flood. e) Block Obstruction command will be used to simulate buildings within the Regulatory flood plain. f) Without specific boundary conditions the model will be at a sufficient distance downstream to ensure resulting water surface elevations through the subject site are appropriate. A sensitivity analysis will be required to confirm boundary conditions. g) In the HEC-RAS output,	**Proposed Changes to the EPR:** No change to the EPR.	

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	it is recommended that each watercourse be labelled with number and name consistent with labels on the associated figure (i.e. WC1 = Etobicoke) for ease of review.		
Geotechnical			
27.	Please add geotechnical and slope stability studies and erosion hazard assessment to commitments to future actions.	**Response:** Please refer to "Response" in comment **TRCA-31.b** **Proposed Changes to the EPR:** Please refer to "Proposed Changes to the EPR" in comment **TRCA-31.b**.	The comments were acknowledged and the commitments to address the comments were presented within the response to the comment TRCA-31b. Therefore, no further actions required at this stage and TRCA will continue the geotechnical review at the detailed design stage upon receiving further studies and documents.
Ecology			
	a) In the intro and existing and future conditions it is mentioned that the valley and stream corridors play an important role as part of the natural heritage system. Staff did not see reference to the MTO guidelines such as the Environmental Guide for wildlife mitigation. The application of the guide needs to be contemplated	**Response:** Noted. "Appendix E: Terrestrial Ecosystems Existing Conditions and Impact Assessment Report" of the EPR has been updated to refer to MTO's Environmental Guide for Wildlife Mitigation (2015). All required wildlife mitigation measures are outlined in "Chapter 6 – Impact Assessment, Mitigation and Monitoring" of the EPR. **Proposed Changes to the EPR:** A bullet point has been added to Section 3.3.2 (Data Sources under Wildlife and Wildlife Habitat) of "Appendix E: Terrestrial Ecosystems Existing Conditions and Impact Assessment Report" of the EPR to include: *"Ontario Ministry of Transportation. 2015. Environmental Guide for*	a) Response is acceptable in general pending review of the final EPR.

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28.	from the very beginning (now) as addressing this further along in the process is always problematic. b) Chapter 5 includes crossing sizing. Please clarify how these sizes were determined. It appears that anything hydraulics were considered but not erosion (or meander belt) or terrestrial passage. If sizing is proposed, please include a detailed discussion related to additional criteria (see Comment #2). For example, Plate 7 shows the crossing of Etobicoke creek whereby a large percentage of the valley cross-section is being filled in. c) Please confirm that all crossings have been identified and are referenced appropriately (21 are noted but the	*Wildlife Mitigation."* **Response:** b) Criteria (other than hydraulics) considered to size watercourse structures included: • Avoiding or at least minimizing impacts to natural heritage and wildlife crossings (where appropriate) by providing sufficient height to clear the 100-year storm and/or the regional storm high-water level; spanning to cover the floodplain when possible, or at least minimizing impact to water flow. • Assessing potential impact to flooding and erosion when crossing watercourses, by avoiding locations sensitive to meander. A preliminary meander assessment was conducted based on the Meander Belt Width Delineation provided by TRCA. During the pre-construction, a detailed meander belt analysis will be conducted to verify potential impacts and discuss with TRCA and MOECC mitigation measures where applicable.. • Although hydraulic conditions may not be the same, 407 ETR bridges and culverts were considered as reference when reviewing our findings and conclusions. The Transitway structures have greater spans and higher elevations than the ETR structures. Note that due to the proximity of the Transitway to 407 ETR there is practically no space for meandering. Terrestrial passage should not be an issue as these structures are higher than the ETR structures. **Proposed Changes to the EPR:** No change to the EPR. **Response:** C) Noted. The EPR plates have been reviewed and updated accordingly. **Proposed Changes to the EPR:** Watercourse labels in Plan and Profile Plates 1 through 37 of "Chapter 5 – Final Project Description" have been revised to correct this issue, making sure all bridges and culverts are	b) Comments have not been addressed, sizing for terrestrial passage has not been considered enough. Please be more specific regarding the wildlife passage. c) Noted.

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	listing of bridges and culverts is less than this). d) Water resource engineering have provided comments on the SWM schemes. Staff notes that enhanced swales are proposed and acknowledge this technique was used on the 407. SWM and LID technologies have advanced a lot since the 407 was built. Please provide a discussion of the possible opportunities to improve and incorporate new technologies within the existing SWM scheme. The use of enhanced swales should be supported by the performance of the existing ones along this stretch of 407.	shown. **Response:** d) As your comment indicates, all previous 407 Transitway sections that have been approved also included the use of enhanced swales to drain the runningway. Conditions and performance of the existing swales along 407 ETR were assessed as support of the proposed runningway drainage design. The construction timing of the Transitway facilities is uncertain at this time. Low Impact Development strategy (LID) technologies, such as permeable pavement and vegetated filter strips, consistent with the TRCA LID SWM Planning and Design guide, were discussed in Chapter 9 "Climate Change Considerations" of the EPR. Additionally, a commitment regarding LID has been added to the EPR. **Proposed Changes to the EPR:** Please refer to "Proposed Changes to the EPR" as described in comment **TRCA-14**.	d) Response is acceptable in general pending review of the final EPR. Staff is also looking forward in more details during the detailed design stage of the project.
Hydrogeology			
	Staff have no specific issues with respect to the high level assessment completed at this stage in the overall Environmental Assessment process. It is recognized that this is early in the process, and the hydrogeological	**Response:** TRCA and other applicable agencies will be kept informed through the future phases of the 407 Transitway project. Site-specific hydrogeologic data will be obtained as indicated in the Commitment Chapter of the EPR.	Response is acceptable in general pending review of the final EPR. Staff is also looking forward to work with the proponent once site specific hydrogeological data are available.

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29.	data is from secondary sources. The contaminant assessment is similarly at a high level. Staff would appreciate being informed of more detailed information based on site-specific hydrogeological data, particularly for below grade sections and the watercourse crossings (of which there are many).	**Proposed Changes to the EPR:** Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments" of the EPR has been added to read: *"Detailed field hydrogeologic data will be obtained for all water crossings during the final design/construction phase. Findings and impacts to the Preliminary Design (if any) will be discussed with TRCA and other applicable agencies."*	
Trails			
30.	In an effort to ensure opportunities for public trail crossings/underpasses along the 407 Transitway corridor are not excluded, staff provide the following. a) Within the Transitway corridor, ensure that all existing public access rights-of-way in greenspaces are maintained and improved where necessary to accommodate walking and cycling, as appropriate and in consultation with TRCA, and local and regional municipalities. b) Within the Transitway	**Response:** a) Noted. Prior to implementation, potential impacts to public trail crossings/underpasses along the 407 Transitway corridor will be discussed and reviewed with the corresponding municipalities and agencies (including TRCA) as indicated in "Chapter 10 – Commitments", Table 10.1 of the EPR. Information on MTO's Greater Golden Horseshoe Transportation Plan – Draft Goals and Objectives (September 2017) and Metrolinx's Regional Transportation Plan for the Greater Toronto and Hamilton Area (September 2017) as well as how the Transitway project is meeting the goals and objectives of these Plans have been included in "Chapter 3 – Existing and Future Conditions" of the EPR. **Proposed Changes to the EPR:** Commitment stated under "Transportation – Station Design" in "Chapter 10 – Commitments", Table 10.1 of the EPR has been modified to read: *"The station facility active transportation infrastructure needs and plans will be discussed and reviewed with the corresponding municipalities and agencies, during further site plan development, prior to the implementation phase. Consideration of the inclusion of*	a) Response is acceptable in general pending review of the final EPR. Staff is also looking forward to work with the proponent during detailed design/site plan development stage.

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	corridor, ensure that public access rights-of-way for walking and cycling are incorporated at all river crossings in greenspaces, where appropriate and in consultation with TRCA, and local and regional municipalities. c) Within the Transitway corridor, integrate a separated, multi-use pathway to facilitate active transportation, active living, and overall improved connectivity to and from surrounding communities in the Greater Toronto Region. d) In addition to supporting TRCA's Trail Program, these comments support the objectives and/or recommended actions in MTO and Metrolinx plans for the Toronto Region. Please comment on how this project is meeting the goals and objectives of the MTO Greater Golden Horseshoe Transportation Plan, Draft Goals and Objectives (September 2017) and Metrolinx Draft 2041 Regional	*existing and future surrounding Parks, Active Transportation Routes/Initiatives, Valleylands, and Trails will be considered in future site plan development."* Section 3.2.1, Land Use Planning Policies of "Chapter 3 – Existing and Future Conditions" has been modified to read: ***"MTO Greater Golden Horseshoe Transportation Plan – Draft Goals and Objectives (September 2017)*** *The draft goals and objectives of MTO's Greater Golder Horseshoe Transportation Plan (September 2017) are focused on eight factors: healthy, equitable, environmentally sustainable, economically responsible, resilient, prosperous, integrated, and connected. The 407 Transitway meets the goals and objectives of this plan as it will reduce dependence on personal vehicles and reduce greenhouse gas emissions, provide equitable service, and protect natural heritage and prime agricultural lands. The Transitway can adapt to the future, supports economic growth and job creation, is integrated with other land uses and transit services, and connects people, places and goods.* ***Metrolinx Regional Transportation Plan*** *The Regional Transportation Plan (RTP), also known as "The Big Move: Transforming Transportation in the Greater Toronto and Hamilton Area", released by Metrolinx (2008 – Approved Changes February 14, 2013), provides a vision, goals and objectives for the future in which transportation within the Greater Toronto and Hamilton Area is seamless, coordinated, efficient, equitable and user-centred. It reaches out 25 years into the future to guide and direct decision-making. Some of the goals and objectives presented in the RTP to guide decision-making applicable to the 407 Transitway include:* • *increase of transportation options for accessing a* range *of destinations;* • *improved transportation experience and travel time reliability; and,* • *lower average trip time for people and goods.* *The RTP allows for a regional rapid transit network that operates seamlessly across the region. The 407 Transitway was highlighted as a*	

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	Transportation Plan for the Greater Toronto and Hamilton Area (September 2017) as it relates to the comments above.	*project for completion in 16 to 25 years and beyond of the RTP's adoption. The section of the 407 Transitway from Hurontario Street to Highway 400 is currently planned for the long-range planning horizon. The Big Move identifies a regional rail service between Milton and Meadowvale (25 Year Plan) that crosses the 407 Transitway study area.* *A new 2041 Regional Transportation Plan for the Greater Toronto and Hamilton Area (September 2017) is currently being finalized by Metrolinx. This report continues the work from the Big Move and outlines how governments and transit organizations can work together to build a transportation system that puts traveller needs at the core of planning and operations. The plan recommends expansion of the existing transit network that supports the creation of a transit network that is comprehensive, connected, accessible, sustainable and focused on people. The draft Plan identifies other regional transit facilities/networks in delivery or in development located in the vicinity of the study area."*	
Preliminary Detailed Design Considerations			
	Should the proponent choose to engage TRCA through Voluntary Project Review. a) TRCA staff understand that Erosion prevention and sediment control measures shall be implemented to mitigate erosion and sediment processes during construction. At the detail design stage, please provide and Erosion and	**Response:** a) Noted. The Erosion and Sediment Control (ESC) Report along with engineering drawings and erosion and sediment control details, locations and supporting calculations will be provided to TRCA prior to construction. A commitment is being included in the EPR in this regard. **Proposed Changes to the EPR:** Please refer to "Proposed Changes to the EPR" as described in comment **TRCA-31.b**.	a) Response is acceptable in general pending review of the final EPR. Staff is also looking forward to work with the proponent during detailed design.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
31.	Sediment Control (ESC) report along with engineering drawings. Please provide ESC details, location and supporting calculations in the report and drawings. The mitigation measures shall conform to the ESC Guidelines for Urban Construction (December 2006). b) Staff understands that a utility corridor will be constructed along the entire transitway. Please confirm or provide further details on constructions methods, potential vegetation removal, temporary crossings, erosion and sediment control, mitigation measures etc. that will be provided while the 407 TWY is under construction.	**b) Response:** A utility corridor will not be constructed along the runningway as part of the 407 Transitway. There is an existing utility corridor identified as part of the Provincial Parkway Belt West Plan which is administered by the Ministry of Municipal Affairs that runs parallel but outside of the 407 Transitway right-of-way. As requested by TRCA, a commitment is being included in the EPR to ensure the matters identified in Comments TRCA-31b to TRCA-44 will be addressed and discussed with TRCA and other applicable agencies prior to and during the final design/construction phase. **Proposed Changes to the EPR:** Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments" of the EPR has been added/revised to read: *"During the final design/construction phase aspects that will be addressed and discussed with all applicable agencies include:* • *Vegetation removal techniques.* • *Ground conditions, detailed geotechnical analysis and appropriate remedial actions and construction methods where applicable.* • *Slope stability and erosion hazard assessment, where required, to ensure that the proposed work is not undermined by erosion hazard in the long-term or does not destabilize the valleys and the facilities will comply with the minimum safety factor of 1.50m.* • *Design of all structures including bridges, culverts and retaining*	b) Response is acceptable in general pending review of the final EPR. Staff is also looking forward to work with the proponent during detailed design

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
		walls as well as embankment and cut slopes will be based on detailed geotechnical investigation, ensuring standard safety and duration. • *Detailed cross-sections along the alignment in adequate intervals, illustrating ground conditions, proposed grade with respect to the existing ground. Revised grading will also be provided on plan view.* • *Adequate solutions and construction techniques locations where construction of the Transitway facilities, including construction accesses may alter or disturb existing slopes and valleys, to ensure that current stabilization remains in the long-term.* *Trenchless installation should be designed by a specialty consultant or contractor using the geotechnical information and recommendations. The adequate cover from the bottom of the watercourse should be determined as per the design. The cross-sections and site plan showing the alignment and entry and exit pits/shafts and the cover from the bottom of the watercourse and other infrastructures should also be submitted in support of the proposed undertaking. The design should also ensure that the proposed trenchless installation does not cause the inadvertent return of drilling fluid (frac-out) or excess settlement on the ground along the alignment. Further, the shafts or pits required for the proposed trenchless installation should be properly stabilized by means of shoring or other techniques."*	
	Additionally, the following presents the geotechnical requirements at the detailed design stage of the proposed undertaking:		C-P: The comments were acknowledged and the commitment to address the comments, where applicable, also presented within the response to the comment TRCA-31b.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	c) The detailed geotechnical study is required in support of the proposed undertaking to assess the ground condition along the alignment and to provide the geotechnical design recommendations for the various components of the proposed undertaking; e) The retaining walls, abutments and wing walls should be designed by qualified engineer using geotechnical information. The global stability should be also checked for the walls to confirm that a minimum safety factor of 1.50 is met against global instability; f) The culverts should be designed by qualified engineer using the geotechnical information. Suitable foundation is required for the culverts as per the ground condition; g) The cross-sections should be provided along the alignment in adequate intervals, which shows the	*C-P* Please refer to "Response" as described in comment **TRCA-31.b**	Therefore, there are no further actions required at this stage and TRCA will continue the geotechnical review at the detailed design stage upon receiving further studies and documents in support of the proposed undertaking.

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	proposed grade with respect to the existing ground. The cross-section should be extended enough to show all the features and slopes/banks where exist. The extent of the proposed grading should be also shown on the site plan along the alignment; h) The proposed embankments should be studied and designed by geotechnical engineer. The stability assessment is required for the embankments to ensure that a minimum safety factor of 1.50 is achieved; i) The proposed cuts should be studied by geotechnical engineer. Stability assessment is required to confirm that the proposed side slopes for the cuts satisfy a minimum safety factor of 1.50; j) All engineering drawings for the retaining walls, abutments and wing walls, culverts, stabilization works, embankments and cuts		

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	should be prepared showing all necessary details and specifications and submitted as signed and sealed by Licensed Professional Engineer; k) Where the work is in proximity of the steep slope and valleys, the construction methodology and sequencing should be presented to ensure that the surrounding ground/slope is not adversely impacted during the construction; l) Where the work requires the construction access into the steep slopes and valleys, the cross-sections and profile should be presented for the access. The slope stability assessment is required to study the cross-sections (cuts and fills) and to confirm that the slope stability is met. The slope stability analyses should also account for the heavy machinery/equipment loads and vibrations; m) If the construction results in alterations and disturbance into the		

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	slopes and valleys, the stabilization is required to be reviewed by the geotechnical engineer. Given the slope geometry and the extent of the alterations, the stabilization may require to be engineered (e.g. engineering structures) to ensure that the stabilization remains stable in long-term with a minimum safety factor of 1.50. Further, all necessary engineering details, cross-sections should be prepared by geotechnical engineer and submitted as signed and sealed by Licensed Professional Engineer; n) Where there is trenchless installation for the infrastructures below the watercourse, the pertinent geotechnical studies should be conducted to provide the required site characterization. The trenchless installation should be designed by specialty consultant or contractor using the geotechnical information and recommendations. The adequate cover from the bottom of the		

ITEM	TRCA COMMENTS (February 16, 2018)	PROPONENT RESPONSE/PROPOSED CHANGES TO THE EPR	TRCA COMMENTS (July 26, 2018)
	watercourse should be determined as per the design. The cross-sections and site plan showing the alignment and entry and exit pits/shafts and the cover from the bottom of the watercourse and other infrastructures should be also submitted in support of the proposed undertaking. The design should also ensure that the proposed trenchless installation does not cause the inadvertent return of drilling fluid (frac-out) or excess settlement on the ground along the alignment. Further, the shafts or pits required for the proposed trenchless installation should be properly stabilized by the means of shoring or other techniques. The details of such stabilization should be also prepared by qualified engineer and submitted as signed and sealed be Licensed Professional Engineer.		

From:	Liz Speller
To:	Liz Speller
Subject:	FW: 407 Transitway - Hurontario to Highway 400 - TRCA Comments Follow-up
Date:	August-12-18 10:45:06 AM
Attachments:	Please find below.msg 10 - TRCAComments Rev. 2- Final.pdf

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From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: August-07-18 3:24 PM
To: Suzanne Bevan <sbevan@trca.on.ca>; Manirul Islam <mislam@trca.on.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway - Hurontario to Highway 400 - TRCA Comments Follow-up

Hi Suzanne & Manirul,

The attached table includes our responses to your comments received on July 30th, 2018. All comments received to date have been addressed in the Final EPR, which will be available for Public review on August 23rd, 2018. Given this date, all Final EPR documents are going for **printing at the end of this week**.

We are aware that TRCA is working on the review of the models and these comments have been noted in the attached comment table. Once we receive these comments, we will prepare our responses/clarifications which will be sent to you via email; however, we will not have sufficient time to make any further revisions to the design, drawings/figures, drainage report, etc. and **these responses will not be included in the final EPR document under consultation**, as the attached table will be the last document included (due to time constraints).

Please let me know if you have any questions or concerns – I can be reached anytime via phone or email. If you would like to discuss this approach, let us know and we can setup a conference call.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Liz Speller
To: Liz Speller
Subject: FW: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP
Date: August-13-18 3:06:56 PM

From: Garron, Gus
Sent: Monday, August 13, 2018 1:47 PM
To: Suzanne Bevan <sbevan@trca.on.ca>; Manirul Islam <mislam@trca.on.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: CFN 54835 - Final - Draft EPR Comments, 407 Transitway, Hurontario to 400, MTO - TPAP

Hello Manirul & Suzanne,

During final QA a mistake was detected concerning one of your comments. Our text in the "Response" column is fine. However, the error is in the "Proposed Changes to the EPR" column. The first reference to Chapter 4 in yellow is incorrect. The confusion was between "Chapter 4" of the mainbody, and Section 4 of the Drainage Report (Appendix C of the EPR). The reference in yellow is not applicable and needs to be deleted.

The Stakeholder's Comment/Response tables are being included in Chapter 8 of the Final EPR. Please be advise that the correction of reference will be included in the final document.

If you have any questions or clarifications please let me know.

Thanks,

Gus

Comment No.	Agency	Date Received	EPR Section	Comment	Response	Proposed Changes to the EPR
TRCA-14	TRCA	February 16, 2018 July 26, 2018	Appendix C, Drainage Report	The Drainage Report does not provide details on TRCA erosion and water balance requirements. Please add a section within the SWM report to include TRCA erosion and water balance requirements consistent with Table 2-2 (page 10) of TRCA SWM criteria (2012) along with details on how those requirements would be met. It should be noted that these requirements apply not only to the stations but also to the transitway. Under Review.	Water Balance has been added to the SWM criteria. Erosion control has been considered in the station design. Along the runningway, enhanced swales which infiltrate the runoff and help to achieve water balance requirements are being proposed, following MTO design criteria and as designed in the previously approved TPAP sections of the 407 Transitway. To improve efficiency of water balance, Low Impact Development strategy (LID) technologies, such as permeable pavement and vegetated filter strips, consistent with the TRCA LID SWM Planning and Design guide, were discussed in Chapter 9 "Climate Change Considerations" of the EPR. Additionally, a commitment regarding LID has been added to the EPR.	"Water Balance" has been added as a criterion in Table 4.1 in "Chapter 4 – Identification of Alternatives and Evaluation Process" of the EPR. Summary pond-drainage area tables in Section 4.2.2 of the "Appendix C: Drainage Report" of the EPR have been revised based on erosion control criteria (retaining 5mm on site and 25mm for 48hr). Commitment stated under Section 10.3 in Table 10.1 of "Chapter 10 – Commitments" of the EPR has been added to read: "Low Impact Development (LIDs) measures such as permeable pavement and vegetated filter strips, as well as other innovations that may be available in the future, to replicate the infiltration of stormwater on site, consistent with the TRCA LID SWM Planning and Design Guideline will be considered during the final design/construction phase".

CREDIT VALLEY CONSERVATION

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

October 27, 2015

Ms. Laura Rundle
Conservation Lands Planner
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Dear Ms. Rundle:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Notice of Study Commencement

The Ontario Ministry of Transportation (MTO) is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The purpose of this letter is to introduce the study, to request your participation, and to obtain available background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your organization may have regarding the study.

Parsons is managing the study on behalf of MTO. LGL Limited will be providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which include Planning and Preliminary Design for the 407 Transitway. One Public Information Centre (PIC) will be held prior to the commencement of the TPAP and a second PIC will be held during the formal initiation of the TPAP for this study. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning and Preliminary Design and will be released for public review and comment. You will receive notification of the PICs, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the EPR). The "Notices of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers. All information produced as part of this project is available at **www.407transitway.com**.

Please complete the attached form and return it to my attention by **November 27, 2015**.

Thank you for your co-operation.

Yours sincerely,

LGL Limited
environmental research associates

George Ivanoff
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons

Attach

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Ms. Laura Rundle
Conservation Lands Planner
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Update contact information if necessary

_____
_____
_____
_____
_____
_____
_____

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

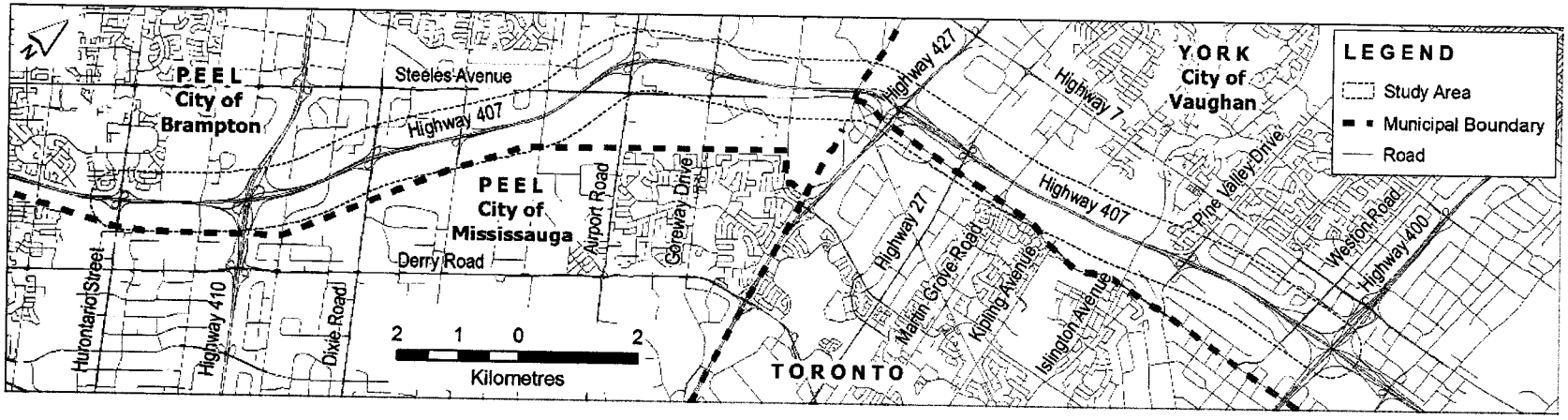
I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____
_____
_____
_____
_____
_____

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca



KEY PLAN OF THE STUDY AREA

From: George Ivanoff
Sent: November-09-15 10:57 AM
To: Marray, Liam
Cc: Liz Speller
Subject: RE: CVC comments on Hwy 407 Transitway

Thanks, Liam. We recognized that CVC's boundary was really close to the study area but that you might have some concern for Fletcher's Creek. We will put you on the list of contacts. You can let us know how much you want to be involved.

George Ivanoff, BSc, M.L.A.
Senior Environmental Planner
LGL Limited environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario L7B 1A6
905-833-1244 Email: givanoff@lgl.com

From: Marray, Liam [mailto:LMarray@creditvalleyca.ca]
Sent: November-09-15 10:53 AM
To: George Ivanoff <givanoff@lgl.ca>
Subject: CVC comments on Hwy 407 Transitway

George

CVC's comments on the Transitway.

If you have any questions, do not hesitate to contact me.

Liam

Liam Marray
Manager, Planning Ecology| Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064| 1.800.668.5557
lmarray@creditvalleyca.ca | creditvalleyca.ca

From: konica@peelregion.ca [mailto:konica@peelregion.ca]
Sent: November 9, 2015 11:51 AM
To: Marray, Liam
Subject: Message from KM_C554e

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Ms. Laura Rundle
Conservation Lands Planner
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Update contact information if necessary
LIAM MARRAY
MANAGER Planning Ecology
lmarray@creditvalleyca.ca
905 670-1615 ext 239

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress.	✓
I have no concerns about the study and I can be removed from your contact list.	
I will be commenting on this study by the date specified.	
I will be providing background information related to this study by the date specified.	
I am interested in receiving the following additional information about the study:	

Only a very small portion of the study area is within our jurisdiction. Our eastern boundary is just east of Hurontario St. Within our jurisdiction, the study area does not cross any watercourses or natural features of concern to CVC based on available mapping. Our primary concern would be SWM and ~~impacts~~ potential impacts to Fletcher's Creek.

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: Sunday, February 28, 2016 12:50 PM
To: Elizabeth Speller (lspeller@lgl.com)
Subject: FW: 407 Transitway - Hurontario Street to Highway 400 | Data Request

---

From: James, Eric [mailto:EJames@creditvalleyca.ca]
Sent: Monday, January 25, 2016 11:02 AM
To: Amy Munn <Amy.Munn@parsons.com>
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Amy,

The requested data has been prepared for the 407 Transitway project. Please sign and complete the attached data sharing agreement at your convenience.

I will send you the data once I receive the completed DSA.

Thanks,

Eric James
Planning Technician | Credit Valley Conservation
1255 Old Derry Road, Mississauga L5N 6R4
905.670.1615 ext 284 | 1.800.668.5557
ejames@creditvalleyca.ca | creditvalleyca.ca[creditvalleyca.ca]

From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: December 11, 2015 8:21 AM
To: James, Eric
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Eric,

Thanks for your response. Please let me know if you have any questions or we can help expedite the data request in any way.

Best,
Amy

From: James, Eric [mailto:EJames@creditvalleyca.ca]
Sent: Thursday, December 10, 2015 2:58 PM
To: 'Amy.Munn@parsons.com'
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Amy,

I have forwarded your updated plan to our technical staff to prepare the requested data. The review time for data requests is typically 3-4 weeks. I will send you a data sharing agreement to complete once I receive the data from the various departments.

If you have any questions please contact me.

Regards,
Eric

Eric James
Planning Technician | Credit Valley Conservation
1255 Old Derry Road, Mississauga L5N 6R4
905.670.1615 ext 284 | 1.800.668.5557
ejames@creditvalleyca.ca | creditvalleyca.ca[creditvalleyca.ca]

From: Marray, Liam
Sent: December 8, 2015 12:16 PM
To: James, Eric
Subject: FW: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Liam Marray
Manager, Planning Ecology| Credit Valley Conservation
905.670.1615 ext 239 | C: 416.896.1064| 1.800.668.5557
lmarray@creditvalleyca.ca | creditvalleyca.ca[creditvalleyca.ca]

From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: December 8, 2015 11:53 AM
To: Marray, Liam
Cc: Gus Garron
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Mr. Marray

I would like to follow up on our initial data request below. Please find attached an updated study area map for your reference.
Could you please let me know if you are able to provide the data below or if there is another contact at CVC that would be more appropriate.

Any help you can provide would be greatly appreciated.
Best,
Amy Munn

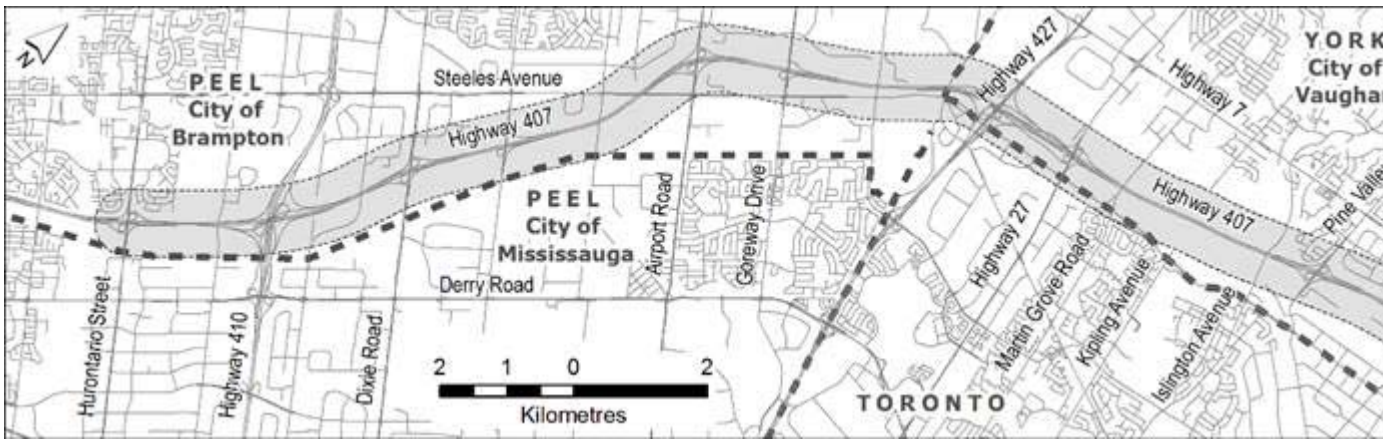
From: Amy Munn [mailto:a.munn@delcan.com]
Sent: Friday, November 13, 2015 8:09 AM
To: 'lmarray@creditvalleyca.ca' <lmarray@creditvalleyca.ca>
Cc: 'Gus Garron' <Gus.Garron@parsons.com>
Subject: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Mr. Marray

Further to our Notice of Study Commencement Letter sent on Tuesday October 27th, the Ontario Ministry of Transportation (MTO) is commencing the Environmental Assessment, and Preliminary Design of the 407 Transitway from West of Hurontario Street in the City of Brampton to East of Highway 400 in the City of Vaughan. The 407 Transitway will consist of a 23 km. two-lane, fully grade separated road on an exclusive right-of-way, running along the Highway 407 Corridor, and several station sites that will include parking, pick-up/drop-off, bus integration, and active transportation facilities. This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The project is currently in the data collection phase and the purpose of this letter is to request from your authority, any available information and data that may be relevant to the project. Your input with respect to constraints, opportunities, specific concerns, etc. will be most valuable to our project team throughout the study phases. The study area is illustrated in the map below. We have prepared the list shown below, of the data that we hope you will be able to provide; however, any other information that you consider relevant to the project will be most appreciated.

- Environmental Requirements
    - Fisheries
        - Fish collection records (fish dots) – includes mussels
        - Habitat data (usually collected during the Watershed Monitoring Program using OSAP)
        - Thermal regime
        - Barrier locations in general proximity to study area (if available)
        - Flow regime (permanent, intermittent, ephemeral)
        - Significant groundwater discharge areas
    - Wildlife
        - Species occurrences (birds, mammals, amphibians)
        - Significant habitat (deer yards, amphibian breeding, interior forest, etc.)
        - Stick nest locations
    - Botany
        - ELC communities
        - Rare plant occurrences
        - Tree inventories (if available)
    - Significant Natural Areas
        - ESA
        - Wetlands
        - Forest cover
        - ANSIs, PSWs (if available)
- Water Requirements
    - Hydrology:
        - Drainage Area maps/Catchment boundaries of each watershed (CAD files if available)
        - Hydrologic models for all watersheds within the study boundaries
        - Rainfall files used in the hydrologic models
        - Hydrologic modelling documentation (reports)
    - Hydraulics
        - All available HEC-RAS models
        - All available floodplain maps (CAD files is available)
        - CAD file of all watercourses



Key Plan of the Study Area

Please advise if you have any questions. Your support will be greatly appreciated.

Best Regards,

Amy Munn, PEng, BaSC
Project Engineer - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
amy.munn@parsons.com Office: 905.917.3221 – Mobile: 416.939.3054

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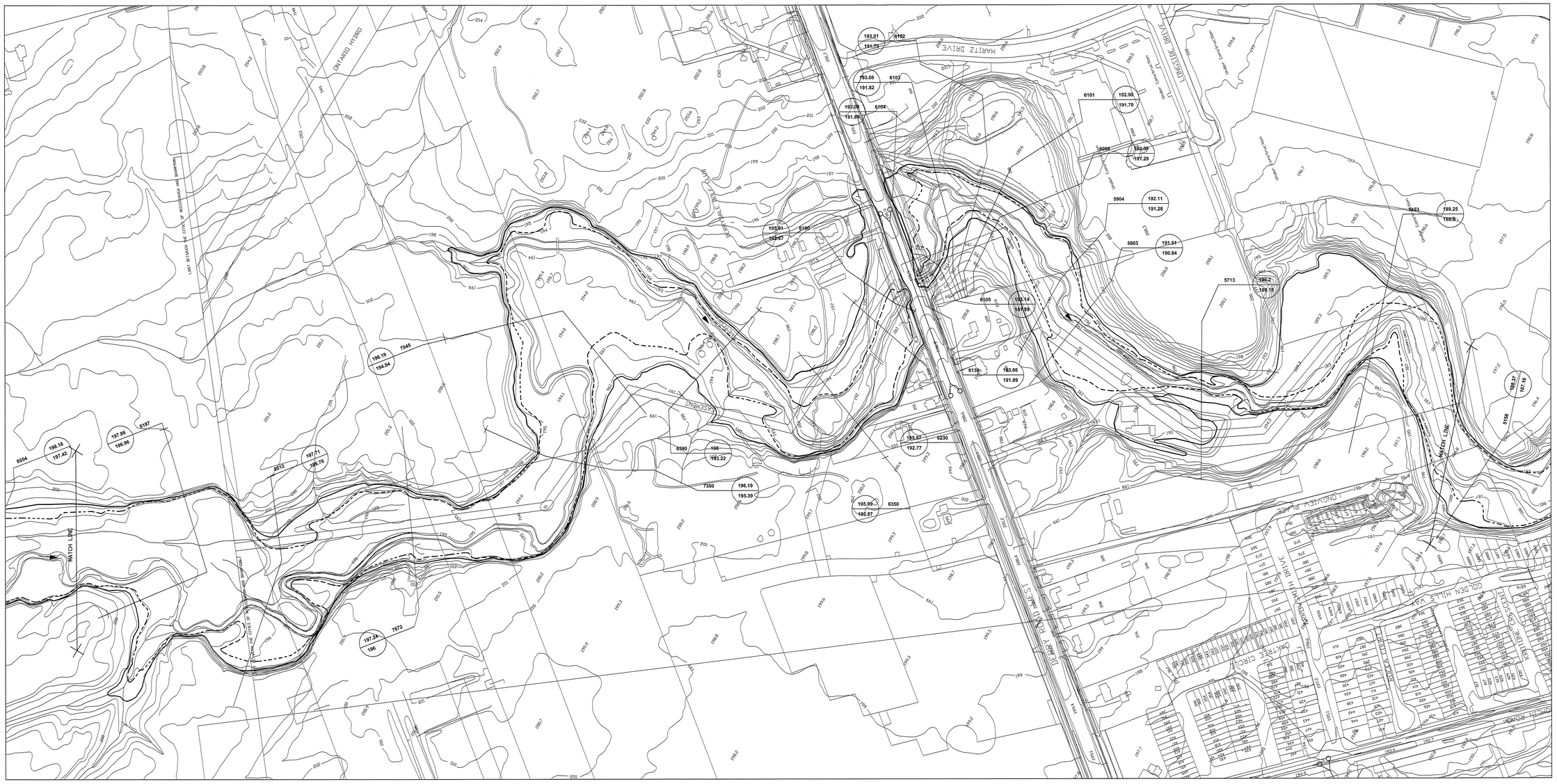

MATCH LINE
MATCH LINE
ONTARIO HYDRO
MARTZ DRIVE
LONGDALE DRIVE
DUNDAS STREET
DUNDAS STREET
DUNDAS STREET
DUNDAY PLACE
GOLDEN HILLS WAY
GOLDEN HILLS DRIVE
CHALKFARM CRESCENT
CHALKFARM CIRCLE
CHALKFARM DRIVE
CHALKFARM CRESCENT
CHALKFARM CRESCENT
CHALKFARM CRESCENT

REVISIONS

NO.	DESCRIPTION	BY	DATE

CITY OF BRAMPTON
www.city.brampton.on.ca

MISSISSAUGA

LEGEND

Spot Height .100.20
Benchmark
Bridge
Regional Storm Floodline
Wooded Area
100 - Year Floodline

Cross Section Label

Regulatory Flood
Regional Storm
(elevation in metres)
Cross-Section Leader Line
Cross-Section Number 31500 172.50 172.00
100 Year Flood
(elevation in metres)
CROSS-SECTION LIMITS

Scale 1:2000

100 Metres 0 100 Metres
200 Feet 0 200 400 600 Feet

CONTOUR INTERVAL: 0.5 METRES

clarifica
Water Resources and Environmental Consulting

PLEASE NOTE:
THE PROFESSIONAL ENGINEER'S STAMP VERIFIES THE FLOOD LINE AND ASSOCIATED DATA NOT THE MAP DATA UNLESS OTHERWISE NOTED

REGISTERED PROFESSIONAL ENGINEER
E.I.Graham
PROVINCE OF ONTARIO

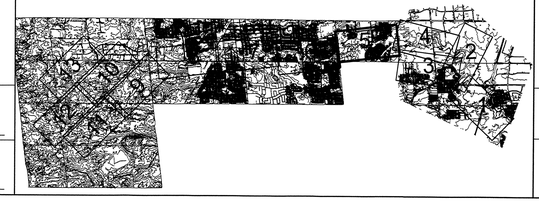
FLOOD PLAIN AND FILL REGULATION LINE MAPPING

ONTARIO REGULATION No. 146/90

FLOODLINE APPROVED DATE

FLOODLINE APPROVED DATE

KEY MAP

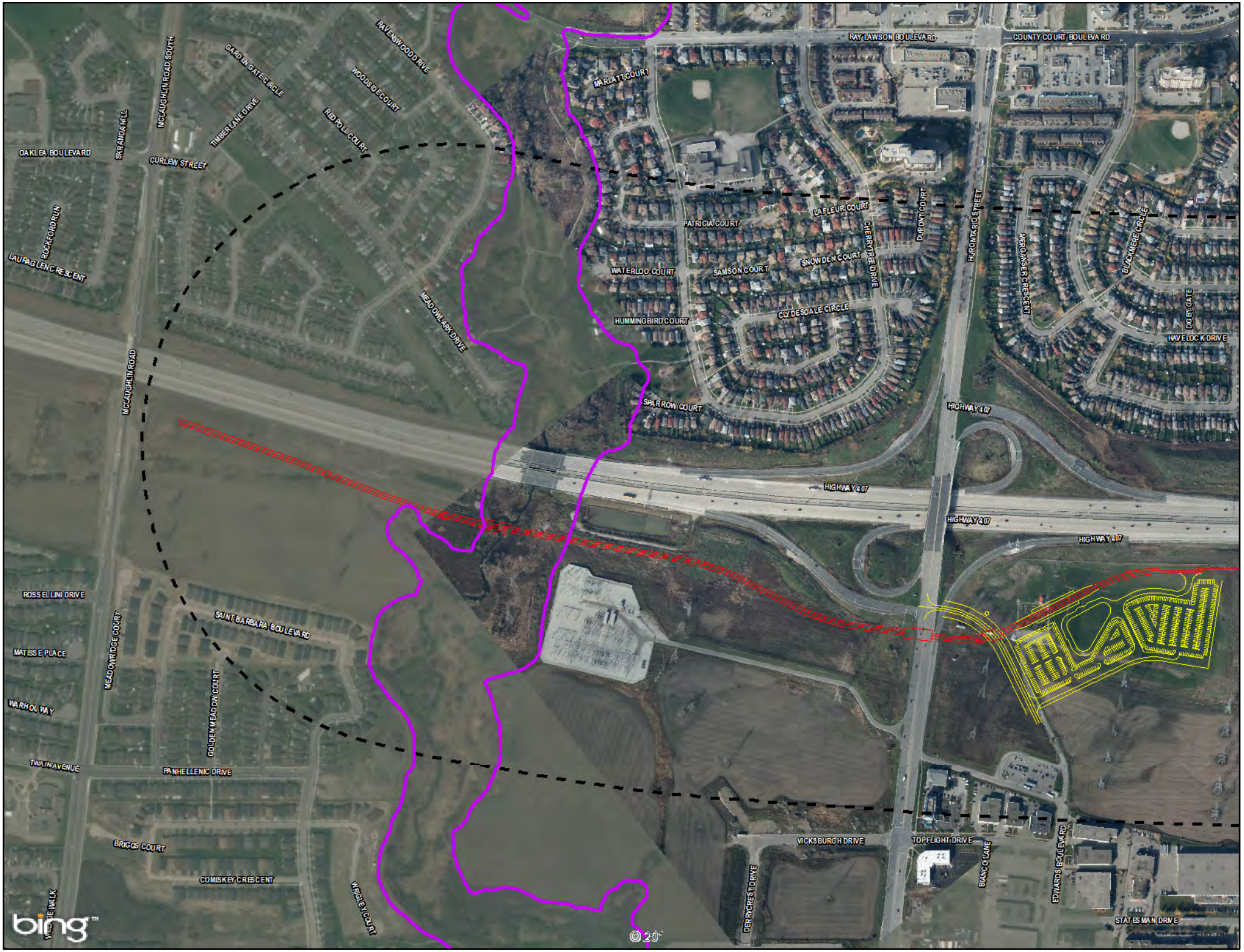


CVC
CREDIT VALLEY CONSERVATION

FLETCHERS CREEK

SHEET No. 5 OF 13

YUILE COURT
LENNON TRAIL
WILDSKY ROAD
ROOWELL COURT
BENTTREE COURT
WOODS END RUN
ROLLINGWOOD DRIVE
OAKLEA BOULEVARD
CRIMSON COURT
TUMBLEWEED TRAIL
LAURAGLEN CRESCENT
MOONSTONE COURT
HIGHWAY 407
SKYRANDA HILL
MCLAUGHLIN ROAD SOUTH
CURLEW STREET
ELMSTEAD COURT
GARDENGATE CIRCLE
RAVENSWOOD DRIVE
WOODSIDE COURT
REDHILL COURT
WALLINGFORD COURT
TIMBERLANE DRIVE
MEADOWLARK DRIVE
MCLAUGHLIN ROAD
HIGHWAY 407
MAVIS ROAD
MAGISTRATE TERRACE
ROSSELLINI DRIVE
MATISSE PLACE
SALINGER COURT
WARHOL WAY
MEADOWRIDGE COURT
GOLDEN MEADOW COURT
BARBARA ANN COURT
SAINT BARBARA BOULEVARD
TWAIN AVENUE
PANHELLENIC DRIVE
MILANO COURT
BRIGGS COURT
COMISKEY CRESCENT
MACBETH HEIGHTS
SPANISH MOSS TRAIL
AVOCADO CRESCENT
ENVOY DRIVE
KAISER DRIVE
VILLAGE WALK
ACUMEN COURT
GARDEN WALK
DERRYDALE DRIVE
WRIGLEY COURT
VICKSBURGH DRIVE
DERRYCREST DRIVE
TOPFLIGHT DRIVE
BIANCO LANE
EDWARDS BOULEVARD
HIGHWAY 407
HIGHWAY 407
HIGHWAY 407
HIGHWAY 407
HIGHWAY 407
SPARROW COURT
HUMMINGBIRD COURT
WATERLOO COURT
PATRICIA COURT
SAMSON COURT
LAFLEUR COURT
CLYDESDALE CIRCLE
CHERRYTREE DRIVE
DUPONT COURT
HURONTARIO STREET
MERGANSER CRESCENT
MARLATT COURT
BERKINDALE COURT
MALTA AVENUE
RAY LAWSON BOULEVARD
bing
© 20


RAY LAWSON BOULEVARD
COUNTY COURT BOULEVARD
RAVENSWOOD DRIVE
CARD BY GATE CIRCLE
WOODSIDE COURT
MCLAUGHLIN ROAD SOUTH
TIMBERLANE DRIVE
REDROLL COURT
SKEANDA HILL
OAKLEA BOULEVARD
CURLEW STREET
MARLATT COURT
LAFLEUR COURT
PATRICIA COURT
DUPONT COURT
HURONTARIO STREET
CHERRYTREE DRIVE
SNOWDEN COURT
WATERLOO COURT
SAMSON COURT
CLYDESDALE CIRCLE
HUMMINGBIRD COURT
MEADOWLARK DRIVE
ROCKFORD RUN
LAURAGLEN CRESCENT
MCLAUGHLIN ROAD
MERGANSER CRESCENT
BLACKBERRY CIRCLE
DOUBLEGATE
HAVELOCK DRIVE
SPARROW COURT
HIGHWAY 407
HIGHWAY 407
HIGHWAY 407
HIGHWAY 407
ROSSELLINI DRIVE
SAINT BARBARA BOULEVARD
MEADOWRIDGE COURT
MATISSE PLACE
GOLDEN MEADOW COURT
WARHOL WAY
TWAIN AVENUE
PANHELLENIC DRIVE
BRIGGS COURT
COMISKEY CRESCENT
WRIGLEY COURT
VICKSBURGH DRIVE
TOPFLIGHT DRIVE
BIANCO LANE
EDWARDS BOULEVARD
DERRYCREST DRIVE
STATESMAN DRIVE
bing
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Fish Species by FCR Identification Number

FCR Id Number	*Waterbody Name*	*Station Location*	*Sampling Date*	*MNR Code*	*Common Name**	*Number Caught*
23051401	Fletcher's Creek	Crossing of Highway 407	15-Dec-98	☑	Suspicious Data	None Kept
				163	White Sucker	131
				165	Northern Hog Sucker	1
				183	Finescale Dace	1
				198	Common Shiner	134
				208	Bluntnose Minnow	91
				209a	Fathead Minnow	76
				210	Blacknose Dace	70
				212	Creek Chub	107
				281	Brook Stickleback	17
				341	Johnny Darter	1
23051601	Fletcher's Creek	Approx. 100m upstream of powerlines at Hwy 407	03-Apr-96	☐	Suspicious Data	None Kept
				198	Common Shiner	20
				208	Bluntnose Minnow	6
				210	Blacknose Dace	4
23055801	Fletcher's Creek	Southwest of intersection Cherrytree Drive and Rembrandt Crescent Upstream of Highway 407, east of McLaughlin Road.	30-Aug-10	☐	Suspicious Data	None Kept
				163	White Sucker	
				198	Common Shiner	
				208	Bluntnose Minnow	
				209a	Fathead Minnow	
				210	Blacknose Dace	
				211	Longnose Dace	
				212	Creek Chub	
				313	Pumpkinseed	
				317	Largemouth Bass	
23055802	Fletcher's Creek	Northeast of intersection Meadowlark Drive and Ravenswood Drive. Downstream of Ray Lawson Boulevard . Upstream and downstream of a rock check dam/pedestrian crossing.	15-Oct-95	☐	Suspicious Data	None Kept
				163	White Sucker	3
				198	Common Shiner	29
				210	Blacknose Dace	25
				212	Creek Chub	19

** - no catch in "Common Name" column may also mean site was dry when visited*

FCR Id Number	Waterbody Name	Station Location	Sampling Date	MNR Code	Common Name*	Number Caught
23057501	Fletcher's Creek	Southwest of intersection Highway 407 and Hurontario Street (Highway 10). Just upstream of Highway 407	15-May-98	☐	Suspicious Data	
				209a	Fathead Minnow	1
				210	Blacknose Dace	22
				212	Creek Chub	1
				281	Brook Stickleback	1
				341	Johnny Darter	1

** - no catch in "Common Name" column may also mean site was dry when visited*

-----Original Appointment-----
From: Marray, Liam [mailto:lmarray@creditvalleyca.ca]
Sent: Monday, October 24, 2016 7:19 AM
To: Kerslake, Holly
Subject: Declined: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #1
When: Thursday, November 03, 2016 9:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Markham Cochrane Dr 5th Floor Boardroom North; Markham Cochrane Dr 5th Floor Boardroom South

Holly
There is only a very small portion of the study area within CVC Jurisdiction, as a result no one from CVC will be attending the meeting. If you have a specific project or concern within our jurisdiction, CVC staff would be happy to discuss.
Liam Marray
Senior Manager Planning Ecology
Credit Valley Conservation

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

November 18, 2016

Mr. Liam Marray
Manager, Planning Ecology
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Dear Mr. Marray:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001
City of Brampton and City of Vaughan
Public Information Centre #1 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is undertaking the above referenced 407 Transitway project. The project is currently at the Planning Study phase prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the first Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail.

Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning, Environmental Assessment and Preliminary Design which will be released for agency and public review and comments. You will receive notification of the formal commencement of the Transit Project Assessment Process, the second PIC and of the release of the EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP", "Notice of PIC", and "Notice of Completion of EPR" will also be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

If you are unable to attend the PIC and would like further information regarding the project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Sarah Merriam, MTO Senior Environmental Planner
Khaled El-Dalati, Consultant Project Manager, Parsons

Attach

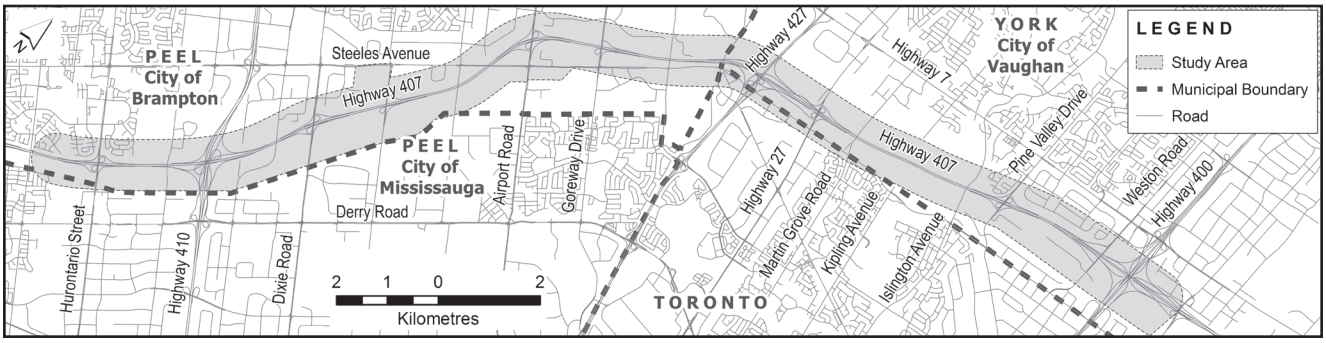
NOTICE OF PUBLIC INFORMATION CENTRE #1

407 Transitway - Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting the Planning, Preliminary Design and Environmental Assessment of the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The Transitway facility will consist of 23 km of runningway and several stations that will include parking facilities, transit integration and other amenities. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

MTO is carrying out a Planning Study for the 407 Transitway prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives. The Notice of Commencement for the formal TPAP and the Notice regarding the release of study documentation will be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

PUBLIC INFORMATION CENTRE (PIC) # 1

PICs will be held at two (2) key milestones during the study. The first PIC will be held at the following two locations:

Date: **December 6, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **December 8, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

The PIC will be an informal drop-in centre. The results of the Planning Study will be displayed including introduction to the Transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and identification of the initially preferred planning alignment and station locations. MTO staff and their consultants will be on hand to answer any questions and to receive your input. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail. Notification of the second PIC will also be published in local newspapers.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the *Environmental Assessment Act.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
tel: 905-943-0505
fax: 905-943-0400
e-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-5272
e-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244
fax: 905-833-1255
e-mail: gkauffman@lgl.com

Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

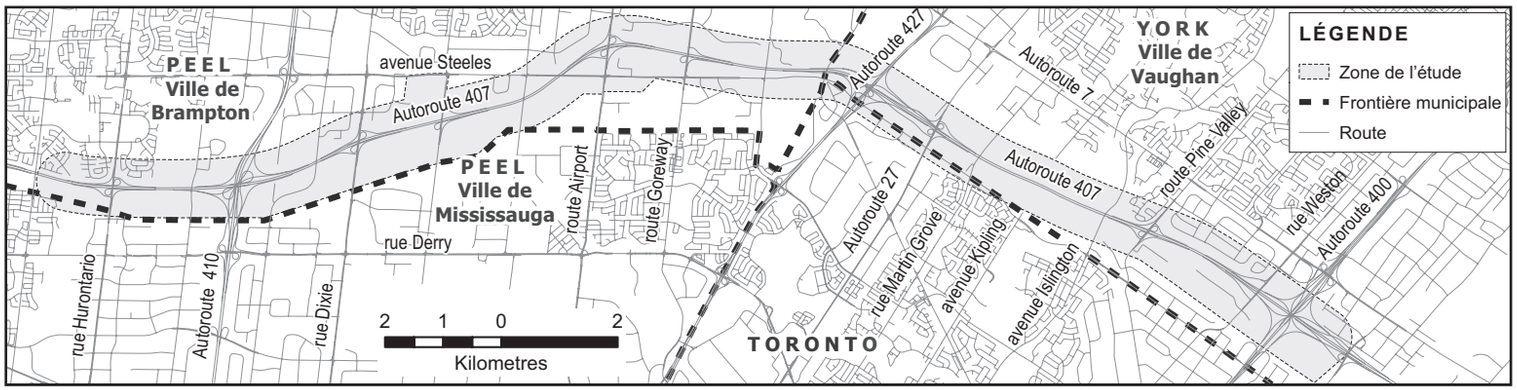
AVIS DU CENTRE D'INFORMATION Nº 1

Voie réservée 407 de la rue Hurontario jusqu'à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue la planification, la conception préliminaire et l'évaluation environnementale de la voie réservée 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprend un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute 407. La voie réservée sera composée de 23 km de voie de roulement et de nombreuses stations, l'intégration du transport en commun et d'autres commodités. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

Le ministère des Transports réalise une étude de planification pour la voie réservée 407 avant de lancer le processus d'évaluation des projets de transport en commun conformément à la loi *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* L'étude de planification comprend un examen des conditions existantes, une étude des prévisions d'achalandage et du plan de service, ainsi qu'une évaluation des possibles alignements et autres emplacements des stations de la voie réservée. L'avis de commencement pour le processus d'évaluation formel et l'avis concernant la divulgation de la documentation de l'étude seront publiés plus tard dans les journaux locaux. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CENTRE D'INFORMATION Nº 1

Les centres d'information auront lieu à deux (2) étapes importantes de l'étude. Le premier centre se tiendra aux deux emplacements suivants :

Date : **6 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **8 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information sera un événement sans rendez-vous. Les résultats de l'étude de planification seront affichés, y compris la présentation de la voie réservée aux transports en commun, les conditions existantes, les prévisions d'achalandage, les plans de services possibles, les alignements et les autres emplacements possibles des stations, ainsi que l'identification de l'alignement du plan et des emplacements des stations préférés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires. Un deuxième centre d'information aura lieu plus tard afin de présenter l'alignement de l'itinéraire et les stations préférables d'un point de vue technique, les possibles répercussions environnementales et les mesures d'atténuation prescrites pour une conception préliminaire. L'avis du deuxième centre d'information sera également publié dans les journaux locaux.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et renseignements concernant cette étude seront recueillis pour aider l'équipe de l'étude à répondre aux exigences de la *Loi sur les évaluations environnementales.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Khaled El-Dalati, ing.
Chargé de projet de firme de conseils Parsons
625, route Cochrane, bureau 500
Markham (Ontario) L3R 9R9
tél. : 905 943-0505
téléc. : 905 943-0400
courriel : k.eldalati@parsons.com

Sarah Merriam, M.Sc.
Planificatrice environnementaliste principale du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5272
courriel : sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Ontario

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: January-23-18 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com;

Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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www.parsons.com | LinkedIn | Twitter | Facebook

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

January 5, 2018

Mr. Liam Marray
Senior Manager, Planning Ecology
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Dear Mr. Marray:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project. Representatives from external agencies are cordially invited to attend an informal drop-in session prior to the PIC from **3:00 p.m. to 4:00 p.m**. The PIC will be open to the public from **4:00 p.m. to 8:00 p.m.** Details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. You will receive notification of the formal commencement of the 120-day TPAP period and of the release of the Final EPR (to inform you of opportunities to review the Report). The "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com**.

If you are unable to attend PIC #2 and would like further information regarding the study, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

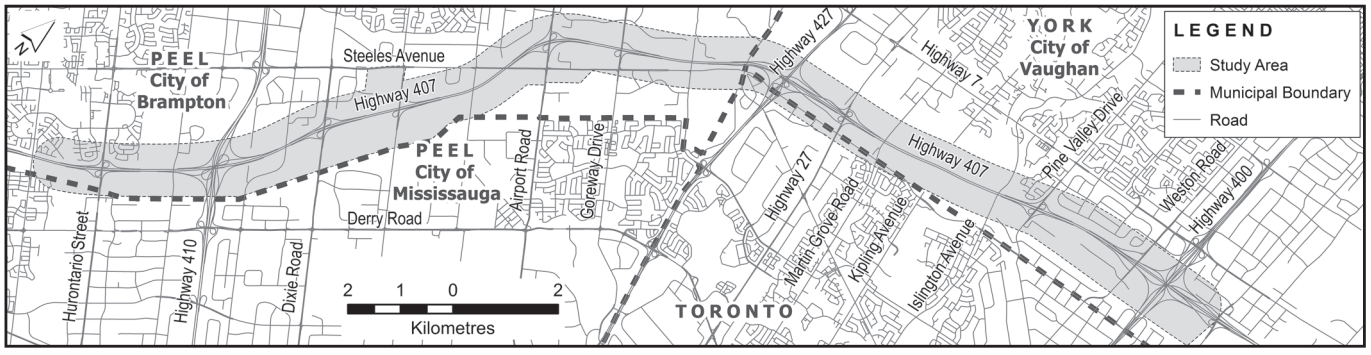
NOTICE OF PUBLIC INFORMATION CENTRE #2

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running along the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. Additional sites within the study area will also be protected in the vicinity of Hurontario Street, Kennedy Road/Tomken Road, Torbram Road, Martin Grove Road, and Weston Road. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed in accordance with the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* As part of the TPAP, an Environmental Project Report will be prepared. The study is currently in the pre-TPAP Phase. The Notice of Commencement for the formal 120-day consultation and documentation TPAP period as well as the Notice regarding the release of the final Environmental Project Report will be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

Members of the public, landowners, agencies and other interested parties are encouraged to participate actively in the study by attending consultation activities or contacting the Project Team directly with information, comments or questions. A Public Information Centre (PIC) was held in December 2016. It presented an introduction to the transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and the initially preferred alignment and station locations.

PUBLIC INFORMATION CENTRE (PIC) # 2

PIC #2 will be held at the following two locations:

Date: **January 23, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **January 25, 2018**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

PIC #2 will be an informal drop-in centre. The technically preferred route alignment and stations, potential environmental impacts and mitigation measures will be presented. MTO staff and their consultants will be on hand to answer any questions and to receive your input.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of the *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-6701 / fax: 416-235-3446
e-mail: larry.sarris@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407, Niagara Falls, ON L2E 7J7
tel: 289-294-6411
e-mail: john.mcgill@parsons.com

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244 / fax: 905-833-1255
e-mail: gkauffman@lgl.com

Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

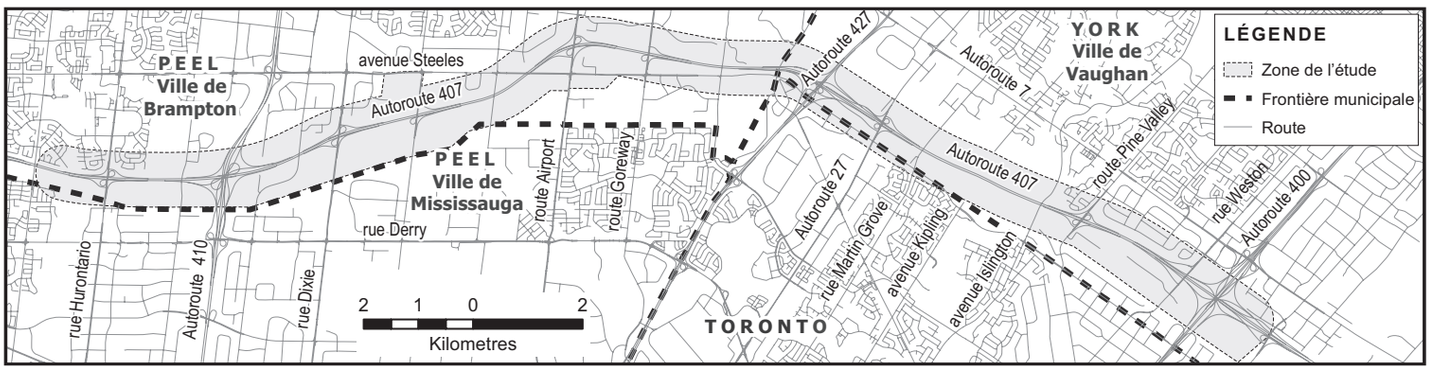
AVIS DU CENTRE D'INFORMATION N° 2

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, Ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue une étude sur la rue piétons-autobus 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. D'autres sites inclus dans la zone d'étude seront aussi protégés dans les environs des rues Hurontario, Kennedy/Tomken, Torbram, Martin Grove et Weston. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au Processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Dans le cadre de ce processus, un rapport de projet environnemental sera préparé. L'étude en est actuellement à la phase préalable au Processus d'évaluation des projets de transport en commun. L'avis de commencement pour la période officielle de consultation et de documentation de 120 jours du processus ainsi que l'avis concernant la publication du rapport de projet environnemental final seront publiés séparément dans les journaux locaux à une date ultérieure. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

Les membres du public, les propriétaires fonciers, les organismes et les autres parties intéressées sont invités à prendre part activement à l'étude en participant aux activités de consultation ou en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions. Un centre d'information public a eu lieu en décembre 2016. Durant cette séance a eu lieu une présentation de la rue piétons-autobus, des conditions existantes, des prévisions relatives à l'achalandage, des plans de service possibles, des harmonisations potentielles, des emplacements de rechange pour les stations, de l'harmonisation initiale de préférence et des emplacements des stations.

CENTRE D'INFORMATION N° 2

Le deuxième centre se tiendra aux deux emplacements suivants :

Date : **23 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **25 janvier 2018**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information n° 2 sera un événement sans inscription. L'harmonisation des itinéraires et les stations techniquement retenues, les impacts environnementaux possibles et les mesures d'atténuation y seront présentés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et l'information concernant cette étude sont recueillis pour aider l'équipe du projet à respecter les exigences du *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

John McGill, ing., PTOE
Chargé de projet de firme de conseils
Parsons
4342, rue Queen, bureau 407
Niagara Falls (Ontario) L2E 7J7
tél. : 289 294-6411
courriel : john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
Planificateur environnementaliste principal du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-6701
téléc. : 416 235-3446
courriel : larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Ontario

Liz Speller

From: Liz Speller
Sent: January-30-18 11:38 AM
To: 'eric.james@cvc.ca'
Cc: DeRose, Graham (MTO); 'Sarris, Larry (MTO)'; 'Garron, Gus'; 'Kerslake, Holly'; Robb Minnes
Subject: RE: 407 Transitway (Hurontario to Highway 400) - CVC

Good morning Eric,

Thank you for providing input to the 407 Transitway project from west of Hurontario Street to east of Highway 400.

We can continue to keep you on the project contact list so CVC will be informed of any future correspondence regarding this project.

Regards,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: James, Eric [mailto:eric.james@cvc.ca]
Sent: January 26, 2018 12:49 PM
To: gkauffman@lgl.com
Cc: DeRose, Graham (MTO)
Subject: 407 Transitway (Hurontario to Highway 400)

Re: 407 Transitway - West of Hurontario Street to Highway 400
Lot 12, Concession 1 WHS
City of Mississauga and Toronto Township

Hi Grant,

We have now had the opportunity to review information in this office related to the location of the proposed 407 Transitway West of Hurontario Street to Hwy 400 and provide the following comments.

Based on our mapping, the location of the proposed development West of Hurontario Street and South of the 407 does not contain any floodplains, watercourses, shorelines, wetlands, valley slopes or other environmental features of interest to Credit Valley Conservation (CVC). Furthermore, the property is not subject to Ontario Regulation 160/06, (the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation) or to the policies of CVC at this time.

If you have any further questions please contact me.

Regards,
Eric

Eric James
Junior Regulations Officer | Credit Valley Conservation
1255 Old Derry Road Mississauga, ON L5N 6R4
905-670-1615 ext 284 | 1-800-668-5557
eric.james@cvc.ca | cvc.ca

The information contained in this Credit Valley Conservation electronic message is directed in confidence solely to the person(s) named above and may not be otherwise distributed, copied or disclosed including attachments. The message may contain information that is privileged, confidential and exempt from disclosure under the Municipal Freedom of Information and Protection and Privacy Act and by the Personal Information Protection Electronic Documents Act. The use of such personal information except in compliance with the Acts, is strictly prohibited. If you have received this message in error, please notify the sender immediately advising of the error and delete the message without making a copy. Thank you.

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

Mr. Liam Marray
Senior Manager, Planning Ecology
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Dear Mr. Marray:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you of the commencement of the TPAP period for the 407 Transitway project. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

At the end of the formal 120-day TPAP period, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you will be sent a final contact letter to inform you of opportunities to review the EPR. All information produced as part of this study is available at **www.407transitway.com**.

If you have any questions/concerns about the 407 Transitway project, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018

Mr. Eric James
Junior Regulations Officer
Credit Valley Conservation
1255 Old Derry Road
Mississauga, Ontario
L5N 6R4

Dear Mr. James:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

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Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

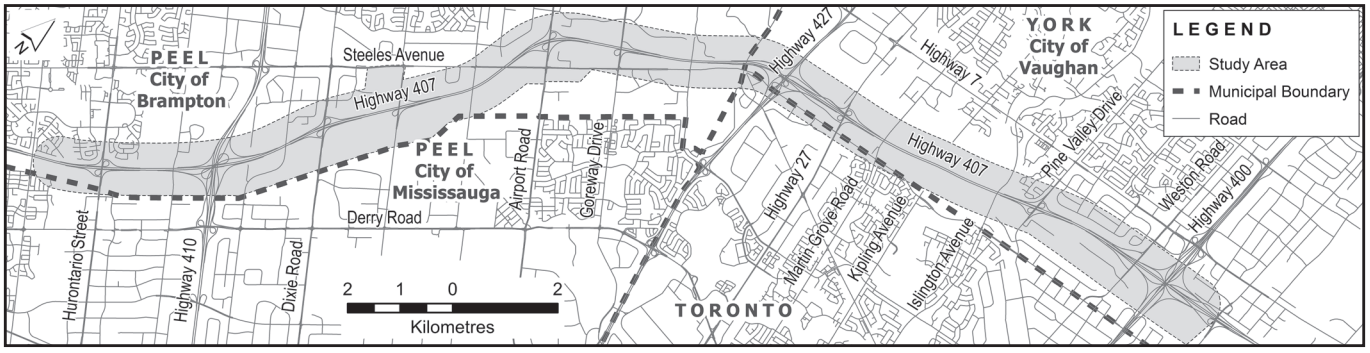
NOTICE OF COMMENCEMENT OF TRANSIT PROJECT ASSESSMENT PROCESS

407 Transitway, Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

This 23.7 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* This Notice of Commencement marks the beginning of the formal 120-day consultation and documentation TPAP period, starting **April 25, 2018,** and ending when the Notice of Completion is issued. As part of the TPAP, an Environmental Project Report is being prepared. The Notice of Completion (with information on the release of the final Environmental Project Report) will be published separately in local newspapers at the end of the 120-day period. All information produced as part of this study is available at **www.407transitway.com.**

CONSULTATION

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018. Members of the public, landowners, Indigenous Communities, agencies and other interested parties are encouraged to participate actively in the TPAP by contacting the Project Team directly with information, comments or questions.

If you would like to be added to the project mailing list, or have project-related questions, please contact any of the following Project Team members:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255
fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Chris Bishop
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, ON L3R 9R9
tel: 905-917-3201
e-mail: chris.bishop@parsons.com

Larry Sarris, MCIP, RPP
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-6701
fax: 416-235-3446
e-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244
fax: 905-833-1255
e-mail: gkauffman@lgl.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act.* Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Project Officer or the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434. If you have any accessibility requirements in order to participate in this project, please contact one of the Project Team members.

First published on **April 25, 2018.**

Ontario

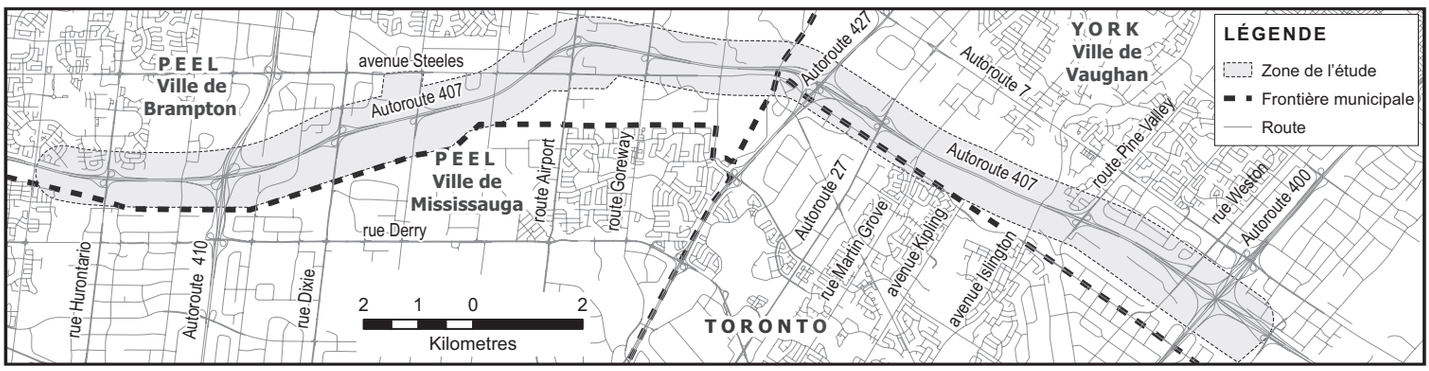
AVIS DE COMMENCEMENT DU PROCESSUS D'ÉVALUATION DES PROJETS DE TRANSPORT EN COMMUN

Rue piétons-autobus 407, de la rue Hurontario à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario (MTO)** effectue une étude sur la rue piétons-autobus 407 à partir de l'ouest de la rue Hurontario à la frontière des villes de Brampton et de Mississauga jusqu'à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprendra un réseau de transport en commun entièrement séparé sur une voie exclusive parallèle au corridor de l'autoroute express à péage 407. Les installations de la rue piétons-autobus seront composées de 23,7 km de voie de roulement et de sept stations, notamment la station de la rue Hurontario, la station de la rue Dixie, la station de la rue Airport, la station de la rue Goreway, la station de l'autoroute 50, la station de l'autoroute 27 et la station de la rue Pine Valley. Un certain nombre de sites supplémentaires dans la zone d'étude seront également protégés pour une compensation environnementale. Sous réserve des conclusions de l'étude, la voie réservée 407 sera mise en place d'abord comme une voie de service rapide par bus (SRB).

Ce segment de 23,7 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute express à péage 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

L'impact environnemental de ce projet de transport en commun sera évalué conformément au processus d'évaluation des projets de transport en commun indiqué dans le *Règlement de l'Ontario 231/08, Transit Projects and Metrolinx Undertakings.* Le présent avis de commencement marque le début de la période officielle de consultation et de documentation de 120 jours du processus d'évaluation des projets de transport en commun, qui aura lieu du **25 avril 2018** jusqu'à la publication de l'avis d'achèvement. Un rapport de projet environnemental sera préparé dans le cadre de ce processus. L'avis d'achèvement (qui contiendra l'information relative à la publication du rapport de projet environnemental final) sera publié séparément dans les journaux locaux à la fin de la période de 120 jours. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CONSULTATION

Jusqu'à maintenant, l'équipe du projet a fait participer activement le public, les propriétaires fonciers, les communautés autochtones et divers organismes. Depuis l'automne 2015, des assemblées ont eu lieu et des commentaires d'intervenants ont été recueillis. Deux centres d'information ont été organisés les 6 et 8 décembre 2016 et les 23 et 25 janvier 2018. Les membres du public, les propriétaires fonciers, les communautés autochtones, les organismes et les autres parties intéressées sont invités à prendre part activement au processus d'évaluation des projets de transport en commun en prenant contact directement avec l'équipe du projet pour fournir de l'information, formuler des commentaires ou poser des questions.

Si vous voulez être ajouté à la liste de distribution du projet ou si vous avez des questions à propos du projet, veuillez prendre contact avec l'un des membres de l'équipe du projet ci-dessous :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Larry Sarris, MCIP, RPP
Planificateur environnemental principal du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-6701
téléc. : 416 235-3446
courriel : larry.sarris@ontario.ca

Chris Bishop
Chargé de projet de firme de conseils
Parsons
625, promenade Cochrane, suite 500
Markham (Ontario) L3R 9R9
tél. : 905 917-3201
courriel : chris.bishop@parsons.com

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Tous les renseignements personnels inclus dans une soumission, tels que le nom, l'adresse, le numéro de téléphone et l'emplacement de la propriété, sont recueillis, conservés et divulgués par le ministère de l'Environnement et de l'Action en matière de changement climatique à des fins de transparence et de consultation. Cette information est recueillie en vertu de la *Loi sur les évaluations environnementales* ou recueillie et conservée en vue de la création d'un dossier accessible au grand public, comme cela est inscrit à l'article 37 de la *Loi sur l'accès à l'information et la protection de la vie privée.* Les renseignements personnels feront partie d'un dossier public qui sera à la disposition du grand public, sauf si vous demandez qu'ils soient tenus confidentiels. Pour de plus amples renseignements, veuillez prendre contact avec l'agent(e) de projet ou la coordonnatrice ou le coordonnateur de l'accès à l'information et de la protection de la vie privée du ministère de l'Environnement et de l'Action en matière de changement climatique au 416 327-1434. Si vous avez des exigences en matière d'accessibilité pour participer à ce projet, veuillez prendre contact avec l'un des membres de l'équipe du projet.

Première publication le **25 avril 2018.**

Ontario

METROLINX

Liz Speller

From: Gus Garron <Gus.Garron@parsons.com>
Sent: Monday, May 9, 2016 4:19 PM
To: Munn, Amy
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Hurontario Intermodal Station Area Meeting Minutes - Final

Thought you were there

From: Gus Garron [mailto:g.garron@delcan.com]
Sent: Monday, May 09, 2016 4:15 PM
To: Javier Mena Diep <Javier.Mena.Diep@metrolinx.com>; Gus Garron (Gus.Garron@parsons.com) <Gus.Garron@parsons.com>
Cc: Stephen Schijns (Stephen.Schijns@aecom.com) <Stephen.Schijns@aecom.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Hurontario Intermodal Station Area Meeting Minutes - Final

Hello Javier,

Thanks for the heads-up. The 407 Transitway is in the identification and assessment of runningway and station planning alternatives stage (including the Hurontario Street area). We will keep you posted of the progress and will discuss with MTO potential timing for a meeting with the HLRT team. Graham DeRose (cc'ed in the email) is MTO's PM.

Thanks,

Gus
905-943-0544

From: Javier Mena Diep [mailto:Javier.Mena.Diep@metrolinx.com]
Sent: Monday, May 09, 2016 3:23 PM
To: Gus Garron (Gus.Garron@parsons.com) <Gus.Garron@parsons.com>;
Cc: Stephen Schijns (Stephen.Schijns@aecom.com) <Stephen.Schijns@aecom.com>
Subject: FW: 407 Transitway Hurontario to Hwy 400 - Hurontario Intermodal Station Area Meeting Minutes - Final

Hi Gus, Amy:

As an update on the Hurontario LRT Project, we now have AECOM as our Technical Advisor on board. Stephen (copied) is our RCD/PSOS Lead; he and his team will be coordinating all stakeholder's technical input into the AFP documents.

Following up on my March 14 email below, can you please advise on the status of your study?

Thanks,

Javier
647.231.5789

From: Javier Mena Diep
Sent: Monday, March 14, 2016 12:52 PM
To: 'Amy Munn'; Fausto Natarelli; Sherwin Gumbs; Abdul.Shaikh@mississauga.ca; Stephanie.segreti@mississauga.ca;

"Gus Garron"; 'DeRose, Graham (MTO)'; Matthew.Williams@mississauga.ca; r.minnesconsulting@gmail.com; 'Firmani, Adrian (MTO)'; 'Gary McNeil'; Sherwin Gumbs; Bernard Au
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Hurontario Intermodal Station Area Meeting Minutes - Final

Hi Gus, Amy:

Thanks for sharing these concepts with us. As expressed at the meeting we appreciate the effort in enhancing the connectivity between the Hurontario LRT and the future 407 Transitway and are supportive of locating the Transitway Station further south in proximity to the LRT stop at Topflight Drive.

We understand your team is now aware of the approved TPAP-EPR for the Hurontario LRT and as I mentioned in the meeting Metrolinx, and our municipal and regional counterparts, are working hard towards a construction start of 2018 to bring the important benefits of this project to the region. We suggest that the focus of your team's efforts be around the station/stop integration, which appears to be achievable without impacting the current TPAP approved MSF location and configuration east of the Etobicoke Creek branch.

Please advise what are your next steps in this study. We are completing the award of our Technical Advisor assignment and expect to have them on board in the next 2-3 weeks. Target for RFP release is October this year.

Regards,

Javier
647.231.5789

From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Thursday, March 10, 2016 7:51 AM
To: Javier Mena Diep; 'Amy Munn'; Fausto Natarelli; Sherwin Gumbs; Abdul.Shaikh@mississauga.ca; Stephanie.segreti@mississauga.ca; "Gus Garron"; 'DeRose, Graham (MTO)'; Matthew.Williams@mississauga.ca; r.minnesconsulting@gmail.com; 'Firmani, Adrian (MTO)'; 'Gary McNeil'; Sherwin Gumbs; Bernard Au
Subject: 407 Transitway Hurontario to Hwy 400 - Hurontario Intermodal Station Area Meeting Minutes - Final

Hi All,

Please find attached the updated meeting minutes and the graphic containing the preliminary concepts discussed in the meeting.

Thanks!

Amy Munn, PEng, BaSC
Project Engineer - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
amy.munn@parsons.com Office: 905.917.3221 – Mobile: 416.939.3054

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Thanks,
Amy

From: Kelly, Rita (IO) [mailto:Rita.Kelly@infrastructureontario.ca]
Sent: Thursday, August 18, 2016 2:28 PM
To: Munn, Amy <Amy.Munn@parsons.com>
Subject: FW: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04
Importance: High

Hi Amy,

Just a friendly reminder that you were going to send me a copy of the sketch that you presented at the meeting.

Thanks so much

Rita

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Friday, August 12, 2016 10:25 AM
To: Amir, Amy <amy.amir@aecom.com>; Munn, Amy <Amy.Munn@parsons.com>; javier.mena.diep@metrolinx.com; Paul Kan (Paul.Kan@metrolinx.com) <Paul.Kan@metrolinx.com>; Rouskov, Natalie (MTO) <Natalie.Rouskov@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Garron, Gus (Gus.Garron@parsons.com) <Gus.Garron@parsons.com>; rick.schatz@HydroOne.com; Grace, Patrick (IO) <Patrick.Grace@infrastructureontario.ca>; Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>; Atala, Onala M. <Onala.Atala@aecom.com>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04
Importance: High

Good Morning Amy,

Please find below MTO's revisions required to the Meeting Minutes:

* Page 2, 2.0 – Please delete the first sentence in the 9th paragraph; "(TA) responded that the proposed MTO timelines do not work with the LRT timelines and that Metrolinx requires an indication on whether the east or west option is the selected one within 2 to 3 weeks"

- Nobody from MTO or Parsons suggested the 407 Transitway will have any indication on whether the east or west side of Hurontario would be selected within 2-3 weeks. Metrolinx asked for this, but MTO/Parsons did not agree or make any promise this will happen. MTO/Parsons did mention that both options are still being analyzed in the 'Planning Phase' of our on-going 407 Transitway EA study and the preferred station and alignment would not be determined for another few months.

* Please add – If the 407 Transitway station is located on the east side of Hurontario Street, MTO still has interest in the property required for the extension of Edwards Blvd. to gain access to the future 407 Transitway station. MTO is still concerned with Metrolinx acquiring this property before determining MTO requirements.

* Page 3, 2.0 – Please delete the following sentence from 10th paragraph; "GDR was satisfied that he Metrolinx scope does not hinder a potential future shared access if the east side option is selected"

- MTO still has concerns and still requires assurance from Metrolinx that they will work with MTO if a shared access is required. This has still not happened.

* Please add – Metrolinx is unwilling to assure MTO in writing that a share access for both the future 407 Transitway station and the HuLRT MSF Yard (if required) will be planned for. Metrolinx continues to defer all questions to only what is shown in their EPR.

* Adjournment: - meeting ended before 12:00pm, not 3:05pm.

Please circulate a revised version of the Meeting Minutes when the requested revisions have been made.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Amir, Amy [mailto:amy.amir@aecom.com]
Sent: August 11, 2016 2:41 PM
To: Munn, Amy; javier.mena.diep@metrolinx.com; Paul Kan (Paul.Kan@metrolinx.com); Rouskov, Natalie
(MTO); DeRose, Graham (MTO); Firmani, Adrian (MTO); Garron, Gus (Gus.Garron@parsons.com); rick.schatz@HydroOne.com; Grace, Patrick (IO); Kelly, Rita (IO); Atala, Onala M.
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi,
Please find attached minutes from the meeting on Aug 4th

Regards
Amy

-----Original Appointment-----
From: Munn, Amy [mailto:Amy.Munn@parsons.com]

Sent: Wednesday, August 03, 2016 1:41 PM
To: Munn, Amy; Paul Kan; DeRose, Graham (MTO); Javier Mena Diep; Rouskov, Natalie (MTO); Firmani, Adrian (MTO); Ian Sidey; Garron, Gus; Kulathinal, Rina (MTO); Sarris, Larry (MTO); Bishop, Chris
Cc: Atala, Onala M.; Amir, Amy; Kelly, Rita (IO); rick.schatz@HydroOne.com; Grace, Patrick (IO)
Subject: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion
When: Thursday, August 04, 2016 10:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Markham Cochrane Dr 5th Floor Meeting Room North

Metrolinx to provide agenda

Conference Number if needed
Conference Number: 1.888.598.1409
Participant Passcode: 4195157 # (updated number)

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From: DeRose, Graham (MTO)
Sent: August 22, 2016 2:38 PM
To: 'Javier Mena Diep'; Ian Sidey
Cc: Rouskov, Natalie (MTO); Paul Kan
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Good Afternoon,

Please find attached the 407 Transitway project team's latest revisions to the meeting minutes.

I would also like to mention:

* When MTO shares the "planning alternatives" for the 407 Transitway alignment/station access in the fall, the options will still be subject to change during our EA process pending environmental field investigations, stakeholder consultation, property, etc. We have experience in other Transitway EA assignments that even in Preliminary Design the alignments and station design/access can change based on previously mentioned factors.

* Regarding the maintenance road - which was first mentioned at our August 4th meeting – Metrolinx will need to include this design as an EPR addendum and ascertain its significance. MTO cannot find any previous mention/design of this maintenance road prior to August 4th, which is still being analyzed to be located on the west or east side of the HuLRT Yard access tracks. If this maintenance road is determined to be a significant addition/change to the EPR, then consultation will have to be done in a manner similar to the original HuLRT EPR.

Please revise the minutes and circulate for MTO review. Let me know if you require a teleconference with MTO to reiterate our position on the protection of lands for the Transitway.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Javier Mena Diep [mailto:Javier.Mena.Diep@metrolinx.com]
Sent: August 20, 2016 10:34 AM
To: DeRose, Graham (MTO)
Cc: Rouskov, Natalie (MTO); Ian Sidey; Paul Kan
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi Graham:

See attached revised draft Minutes. I was hoping to talk with you before revising these

but unfortunately that didn't happen. I tried to incorporate your comments as much as possible to better reflect the tone of the meeting, which I thought was quite positive.

We are working very closely and in collaboration with the MTO on different areas, and it is our intent to work similarly with the 407 Transitway team not only to facilitate access to the future BRT Station but also to enhance the overall connectivity between the two transit systems

Please review the draft minutes and let us know your thoughts. I will be away this coming week but you can reach Ian (copied) with your comments. Hopefully these revisions will address your concerns and we can move forward with the property acquisition process to meet the Ministry's timelines for the Hurontario LRT project.

Regards,

Javier
647.231.5789

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Tuesday, August 16, 2016 3:28 PM
To: Javier Mena Diep
Cc: Rouskov, Natalie (MTO)
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hello Javier,

The Ministry of Transportation and the 407 Transitway EA project team does not agree with the original Meeting Minutes (attached) and we would like to see the revised Meeting Minutes before any further discussions take place.

Without assurances in writing from Metrolinx for the planning and protection for shared access into the 407 Transtiway station (if required) and HuLRT Yard, the Ministry will maintain its own interest in the property along Topflight Drive, Edwards Blvd. and for the extension of Edwards Blvd., to be used as a potential access into the future 407 Transitway station as part of the on-going 407 Transitway EA assignment.

Please circulate the updated Meeting Minutes asap for the Ministry to review.

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Javier Mena Diep [mailto:Javier.Mena.Diep@metrolinx.com]
Sent: August 16, 2016 10:04 AM
To: DeRose, Graham (MTO)
Cc: Rouskov, Natalie (MTO)

Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi Graham:

I left you voicemail today. Please call me when you have a chance to talk about your notes below.

Thanks,

Javier
647.231.5789

Liz Speller

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Thursday, September 15, 2016 3:25 PM
To: Ian Sidey
Cc: Rouskov, Natalie (MTO)
Subject: RE: HuLRT MSF Site and 407 Transitway
Attachments: MTO 407 Transitway - Hurontario LRT Access (2016-09-15).pdf; Hurontario LRT MTO 407 Transitway Access Letter (2016-08-29).pdf

Good Afternoon Ian,

Please find attached MTO's response letter and a copy of the original Metrolinx letter.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Ian Sidey [mailto:Ian.Sidey@metrolinx.com]
Sent: September 13, 2016 1:57 PM
To: DeRose, Graham (MTO)
Subject: FW: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Graham:
I hope this allows you proceed with the response letter. Could you please confirm?
Thanks
-Ian

METROLINX
An agency of the Government of Ontario
Une agence du gouvernement de l'Ontario

August 29, 2016

Graham DeRose, Project Manager
Natalie Rouskov, Senior Project Engineer
Ministry of Transportation, Central Region
Route Planning & Transit Initiatives
159 Sir William Hearst Ave
4th floor
Toronto, ON M3M 0B7

Hurontario LRT MSF and MTO 407 Transitway Access

Dear Mr. DeRose and Ms. Rouskov,

MTO has expressed concerns regarding conflict with the location of the proposed Hurontario LRT Maintenance and Storage Facility (MSF) and its impacts on the proposed 407 Transitway station access and design, due to shared running along Topflight Drive, the crossing of Edwards Boulevard and the future extension of Edwards Boulevard, if required. The MSF is to be located on the MTO-owned Parkway Belt lands bounded by the 407 on the north, Kennedy Road on the East, the Mississauga/Brampton city limit on the south and Hurontario Street on the West. In order for the MSF to proceed, the property needs to be transferred to Metrolinx.

This letter affirms Metrolinx's commitment to work with MTO as both the Hurontario LRT and the 407 Transitway projects proceed in order to ensure that MTO will have access to Topflight Drive, Edwards Boulevard, the Hurontario MSF yard and the 407 Transitway station as required should this site identified as part for the 407 Transitway Environmental Assessment assignment.

We trust that this letter enables you to release the property from MTO and transfer ownership to Metrolinx to allow for the development of the MSF site.

Sincerely,

Ian Sidey
Manager, Project Policy and Delivery
Hurontario LRT Project

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

September 15, 2016

Ian Sidey
Manager, Project Policy and Delivery
Hurontario LRT Project
20 Bay Street
Toronto, ON M5J 2W3

Dear Mr Sidey:

RE: Hurontario LRT MSF and MTO 407 Transitway Access

The Ministry of Transportation has received the letter from Metrolinx (dated August 29, 2016) and meeting minutes (meeting held on August 4, 2016) containing Metrolinx commitment to work with the Ministry to ensure the 407 Transitway will be able to access its future station site via Topflight Drive and Edwards Boulevard on the east side of Hurontario Street, south of Highway 407. These documents provide the Ministry with a commitment that Metrolinx's Hurontario LRT MSF yard access will not interfere with the 407 Transitway station access.

The Ministry will continue to work with Metrolinx throughout the 407 Transitway Environmental Assessment assignment to ensure both projects proceed as required.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region

c. Natalie Rouskov, MTO Senior Project Engineer

From: Javier Mena Diep <Javier.Mena.Diep@metrolinx.com>
Sent: Monday, November 14, 2016 3:59 PM
To: 'DeRose, Graham (MTO)' (Graham.DeRose@ontario.ca)
Cc: Garron, Gus; Kerslake, Holly; Scott Bowers
Subject:FW: 407 Transitway (Hurontario to Highway 400) Transportation Resource Group Meeting #1
Attachments: 407TW3_TRGMeeting#1_FINAL.pdf

Hi Graham:

Thanks for bringing us to your Transportation Resource Group. As mentioned before, we are committed to work together with your team to facilitate the connectivity and integration between the Hurontario LRT and the future Transitway. On that regard, we appreciate your efforts in bringing the Transitway station further south and closer to the LRT Stop at Topflight Dr.

In regards to the optional alignments you presented, Alternative Alignment #2 runs through the lands designated for our OMSF as per our approved Environmental Project Report. We have identified these lands to Infrastructure Ontario and are currently in negotiations with the tenants to have these lands transferred to Metrolinx for the use of the ProjectCo. Based on the current timelines, TPAP commitments, land availability along the Hurontario St. corridor, and the constraints imposed to the ProjectCo within the AFP framework, it is extremely unlikely that the location of the OMSF changes, whether before or after project award. As such, our recommendation is that the Alternative Alignment #2 be dropped from further consideration.

In addition, I advise you to coordinate your work with the requirements of the proposed freight by-pass, as some of the concepts you presented seem to be in conflict with the freight corridor.

Regards,

Javier
647.231.5789

Liz Speller

From:	Kerslake, Holly
Sent:	Wednesday, April 19, 2017 3:33 PM
To:	'Makael Kakakhel'
Cc:	DeRose, Graham (MTO); Ian Sidey; Javier Mena Diep; Garron, Gus
Subject:	RE: 407 Transitway Hurontario St. to Hwy 400 - HuLRT Traffic and Alignment Alternatives Meeting

Hi Makael,

Alignment layouts and plans are currently being finalized and will be sent to MTO for internal review. Once MTOs comments are addressed to their satisfaction, we will be able to share the drawings with you. Any CAD files and PDFs shown will be available after the meeting next Thursday.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Makael Kakakhel [mailto:Makael.Kakakhel@metrolinx.com]
Sent: Wednesday, April 19, 2017 2:26 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Ian Sidey <Ian.Sidey@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>
Subject: RE: 407 Transitway Hurontario St. to Hwy 400 - HuLRT Traffic and Alignment Alternatives Meeting

Hello Holly,

Would it be possible to share your latest plans/options with us in CAD and PDF format. We want to review them prior to the meeting. Thanks

Regards,

Makael Kakakhel, P.Eng
Manager, Hurontario LRT
Rapid Transit | Capital Projects Group
METROLINX | 201 City Centre Drive, 6th Floor
Mississauga | ON | L5B 2T4
T: (416) 202 0499 | C: (647) 822 4978
E-mail: makael.kakakhel@metrolinx.com

-----Original Appointment-----
From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]

Sent: April-13-17 11:52 AM
To: Kerslake, Holly; Makael Kakakhel; DeRose, Graham (MTO); Robb Minnes; Garron, Gus; Leung, Winnie; Scott Johnston; Javier Mena Diep; Darshpreet Bhatti; Matthew.Williams@mississauga.ca; Abdul.Shaikh@mississauga.ca; sabbir.saiyed@peelregion.ca; Edwards, Lindsay; Allan Ortlieb; Ian Sidey
Subject: FW: 407 Transitway Hurontario St. to Hwy 400 - HuLRT Traffic and Alignment Alternatives Meeting
When: April-27-17 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: TBD

-----Original Appointment-----
From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: April-13-17 11:16 AM
To: Kerslake, Holly; DeRose, Graham (MTO); Robb Minnes; Garron, Gus; Leung, Winnie; Scott Johnston; Javier Mena Diep; Darshpreet Bhatti; Matthew.Williams@mississauga.ca; Abdul.Shaikh@mississauga.ca; sabbir.saiyed@peelregion.ca; Edwards, Lindsay; Allan Ortlieb
Subject: 407 Transitway Hurontario St. to Hwy 400 - HuLRT Traffic and Alignment Alternatives Meeting
When: April-27-17 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: TBD

All,

This meeting is being arranged to discuss 407 Transitway matters in the Hurontario/Hwy 407 ETR vicinity. Main items to discuss include:

- 407 Transitway refined alignment alternatives and impacts in the area.
- Traffic impact Issues to the road network in the area.
- Potential Hurontario Street Station concept layout.

We are still sorting out the location and I will send an update once this has been confirmed.

Regards,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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Liz Speller

From: Kerslake, Holly
Sent: Wednesday, April 26, 2017 6:11 PM
To: 'gordon.hui@peelregion.ca'; 'Abdul.Shaikh@mississauga.ca'; 'Allan Ortlieb'; 'Robb Minnes'; 'sabbir.saiyed@peelregion.ca'; Garron, Gus; 'javier.mena.diep@metrolinx.com'; 'DeRose, Graham (MTO)'; 'Edwards, Lindsay'; 'Matthew.Williams@mississauga.ca'; 'Scott Johnston'; 'Darshpreet.Bhatti@metrolinx.com'; Leung, Winnie; Mcgill, John
Cc: Makael Kakakhel; Steve MacRae; Sarris, Larry (MTO); Javier Mena Diep
Subject: RE: 407 Transitway Hurontario St. to Hwy 400 - HuLRT Traffic and Alignment Alternatives Meeting
Attachments: 2017.04.27 - HuLRT Meeting - Agenda.pdf

Hi Everyone!

Please see attached the agenda for tomorrow's meeting.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: Kerslake, Holly
Sent: Thursday, April 13, 2017 11:16 AM
To: Kerslake, Holly; Abdul.Shaikh@mississauga.ca; Allan Ortlieb; Robb Minnes; sabbir.saiyed@peelregion.ca; Garron, Gus; javier.mena.diep@metrolinx.com; DeRose, Graham (MTO); Edwards, Lindsay; Matthew.Williams@mississauga.ca; Scott Johnston; Darshpreet.Bhatti@metrolinx.com; Leung, Winnie; Mcgill, John
Cc: Makael Kakakhel; Steve MacRae; Sarris, Larry (MTO); Javier Mena Diep
Subject: 407 Transitway Hurontario St. to Hwy 400 - HuLRT Traffic and Alignment Alternatives Meeting
When: Thursday, April 27, 2017 2:30 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: MTO Office, Building "D", 7th Floor Board Room, 159 Sir William Hearst Ave., North York, Ont. M3M 0B7

Meeting location updated to MTO Offices.

All,

This meeting is being arranged to discuss 407 Transitway matters in the Hurontario/Hwy 407 ETR vicinity. Main items to discuss include:

- 407 Transitway refined alignment alternatives and impacts in the area.
- Traffic impact Issues to the road network in the area.
- Potential Hurontario Street Station concept layout.

Regards,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: May-16-18 4:19 PM
To: Michael Batt
Cc: Garron, Gus; Graham.DeRose@ontario.ca; Sarris, Larry (MTO); Robb Minnes; Leung, Winnie; Liz Speller
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission - Metrolinx GO Planning
Attachments: 02 - MetrolinxPlanning - Final.pdf

Hello Michael,

Attached are responses to Metrolinx's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Michael Batt <Michael.Batt@metrolinx.com>
Sent: Monday, January 08, 2018 3:00 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Graham.DeRose@ontario.ca
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission - Metrolinx GO Planning

Hi Holly,

Comments from GO Planning are below:

- Similar to the Mississauga Transitway, stations should be built directly adjacent the main cross-street. This allows busy local transit services to stay on-street while providing a convenient transfer opportunity. Forcing buses to come into the loop will add significant delays to through-riders on the local transit services; while forcing transferring customers to walk long distances will reduce ridership.
- Why is there no connection between the transitway and Bramalea Road, given the proximity to Bramalea GO Station which is a major hub for both GO service and Brampton Transit?
- Has the study team had discussions with the groups working on the freight by-pass? Given current commitments by the province, the freight by-pass will likely be built first, but I can't find anything that mentions this.
- As mentioned in the Dec. 8 meeting, GO will use the new Hurontario facility once it is constructed and the current Park & Ride will be closed as it occupies part of the land required for the alignment of the Transitway.

- Should GO require more space in the interim (pre-transitway), we may wish to construct an expansion of the Hurontario Park & Ride either at the current location or use the land where the Hurontario Transitway station is proposed, if available.

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-15-17 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; Malcolm Mackay; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; Javier Mena Diep; Stephanie Segreti; dmrkela@407etr.com; Doug Rieger; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); rick.schatz@hydroone.com; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Direct: +1 905.943.0500| www.parsons.com

May 16th, 2018

Michael Batt, MA, CPT
Transportation Planning Analyst
Metrolinx

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Batt,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to Metrolinx's comments which were received on January 8th, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: May-16-18 5:08 PM
To: Javier Mena Diep
Cc: Darshpreet Bhatti; Makael Kakakhel; DeRose, Graham (MTO); Sarris, Larry (MTO); Leung, Winnie; Garron, Gus; r.minnesconsulting@gmail.com; Liz Speller
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: 05 - MetrolinxHuLRT - Final.pdf

Hello Javier,

Attached are responses to Metrolinx's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Jillian Fogoe <Jillian.Fogoe@metrolinx.com>
Sent: Monday, January 29, 2018 3:11 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Darshpreet Bhatti <Darshpreet.Bhatti@metrolinx.com>; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; Atala, Onala M. <Onala.Atala@aecom.com>; HuLRTDocumentControl <HuLRTDocumentControl@Metrolinx.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Good Afternoon Holly,

Please find attached letter in regards to Javier's comments below on the 407 Transitway (Hurontario to Highway 400) Draft EPR.

Thank you,

Jillian Fogoe
Administrative Support to
Darshpreet Bhatti | Director, Hurontario Light Rail Transit
Program Management
Capital Projects Group
METROLINX | 201 City Centre Drive | Suite 608 | Mississauga | Ontario | L5B 2T4
Jillian.Fogoe@metrolinx.com
T: 416-202-0448 | C: 416-721-2735

METROLINX

From: Javier Mena Diep
Sent: January-26-18 2:40 PM
To: Holly Kerslake (Holly.Kerslake@parsons.com)
Cc: Gus Garron (Gus.Garron@parsons.com); Makael Kakakhel; Veights, David (David.Veights@aecom.com); HuLRTDocumentControl; Jillian Fogoe
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly:

Thanks for giving us the opportunity to comment on the 407 Transitway (Hurontario to Highway 400) Draft EPR. We have reviewed the EPR documents and can provide the comments below as they pertain to the Hurontario LRT Project.

Chapter 2 – Transportation Needs, Page 2-3: This section describes the transit operators that provide service in the Study Area. The Hurontario LRT Project is listed under MiWay. Because the LRT will be operated and maintained independent of MiWay operations, the Hurontario LRT Project should be described in its own separate subsection similar to the descriptions of GO Transit, YRT/VIVA, TTC, Brampton/ZÜM and MiWay. The manner in which the Hurontario LRT appears in the text presents the LRT as a subordinate to MiWay when in reality it will be its own higher-order transit service.

Chapter 5 – Project Description - General: The graphics in Chapter 5 appear to depict that the conceptual design of the 407 Transitway has been developed to avoid conflict with the Hurontario LRT Project. Given that implementation of the LRT will commence well in advance of the 407 Transitway, confirmation of the transitway geometry must be made early in the preliminary design phase of the 407 Transitway project to assure Project Stakeholders that the 407 Transitway will indeed have no effect upon the LRT mainline, LRT connecting track and the LRT Operations, Maintenance and Storage Facility (OMSF). Likewise, attention must be given to the construction methods for the grade separation of the 407 Transitway at Hurontario Street to confirm the statement on Page 5-2 that construction of the 407 Transitway will not disrupt LRT service. Once construction of the LRT has begun or LRT operations have commenced, there will be no opportunity to disrupt LRT service.

Chapter 10- Commitments to Future Action – Page 10.4: This chapter, under the heading "Transportation", includes a commitment "Review of the station facility concept layouts and design will be undertaken prior to construction" with Municipalities and Transit Agencies. A second commitment should be included to specifically reference the Hurontario LRT, as the consultation/coordination requirements of interfacing with a fixed-facility like LRT is very different from developing the interface between surface bus routes and the 407 Transitway, given the flexibility of bus operations relative to rail operations. Having a separate commitment will highlight the uniqueness of the LRT/407 Transitway connection.

Please let me know if you have any questions.

Regards,

Javier Mena-Diep, P.Eng., PMP
Senior Project Manager, Hurontario LRT
Capital Projects Group – Metrolinx
20 Bay St.| Toronto | M5J 2W3
C: 647.231.5789

Begin forwarded message:

From: "Kerslake, Holly" <Holly.Kerslake@parsons.com>
Date: December 15, 2017 at 5:18:58 PM EST
To: "steve.mota@york.ca" <steve.mota@york.ca>, "Lafleur, Chris" <Chris.Lafleur@brampton.ca>, "mary-ann.george@ttc.ca" <mary-ann.george@ttc.ca>, "Patrick.Grace@infrastructureontario.ca" <Patrick.Grace@infrastructureontario.ca>, "malcolm.mackay@gotransit.com" <malcolm.mackay@gotransit.com>, "martin.powell@mississauga.ca" <martin.powell@mississauga.ca>, "Zhuo, Julianna (MMA/MHO)" <Julianna.Zhuo@ontario.ca>, "Matthew.Williams@mississauga.ca" <Matthew.Williams@mississauga.ca>, "Mefimova@407etr.com" <Mefimova@407etr.com>, Malcolm Mackay <Malcolm.Mackay@metrolinx.com>, "Jeff Booker" <jbooker@407ETR.com>, "michael.vallins@cn.ca" <michael.vallins@cn.ca>, "Dagssie, Yves (MOECC)" <Yves.Dagssie@ontario.ca>, "Inderjit.Hans@brampton.ca" <Inderjit.Hans@brampton.ca>, "lmarray@creditvalleyca.ca" <lmarray@creditvalleyca.ca>, "sabbir.saiyed@peelregion.ca" <sabbir.saiyed@peelregion.ca>, "Vincent.white@cn.ca" <Vincent.white@cn.ca>, Suzanne Bevan <SBevan@trca.on.ca>, "Rita.Kelly@infrastructureontario.ca" <Rita.Kelly@infrastructureontario.ca>, "Wang, Hank" <Hank.Wang@brampton.ca>, "javier.mena.diep@metrolinx.com" <javier.mena.diep@metrolinx.com>, "Stephanie Segreti" <Stephanie.Segreti@mississauga.ca>, "dmrkela@407etr.com" <dmrkela@407etr.com>, "Rieger, Doug" <Doug.Rieger@brampton.ca>, "Mohammad, Ghazanfar" <Ghazanfar.Mohammad@brampton.ca>, "rbacquie@407etr.com" <rbacquie@407etr.com>, "Shahrokni, Mani" <Mani.Shahrokni@vaughan.ca>, "Ernest.Abraham@infrastructureontario.ca" <Ernest.Abraham@infrastructureontario.ca>, "Adam.Challice@ontario.ca" <Adam.Challice@ontario.ca>, "Abdul.Shaikh@mississauga.ca" <Abdul.Shaikh@mississauga.ca>, "Choi, William" <William.Choi@york.ca>, "Funnell, Emily (MNRF)" <Emily.Funnell@ontario.ca>, "rick.schatz@hydroone.com" <rick.schatz@hydroone.com>, Makael Kakakhel <Makael.Kakakhel@metrolinx.com>, "slingeRTAT@trca.on.ca" <slingeRTAT@trca.on.ca>, Lorna Zappone <Lorna.Zappone@toronto.ca>, "Frank.martins@ontario.ca" <Frank.martins@ontario.ca>, "Gonzalez, Alejandra (MMA/MHO)" <Alejandra.Gonzalez@ontario.ca>, "steven.strong@ontario.ca" <steven.strong@ontario.ca>, "ben.keen@ontario.ca" <ben.keen@ontario.ca>, "Gian.Minichini@HydroOne.com" <Gian.Minichini@HydroOne.com>, "Goolsarran, Mario" <Mario.Goolsarran@brampton.ca>, "mark.hanlan@york.ca" <mark.hanlan@york.ca>, Bernard Au <Bernard.Au@metrolinx.com>, "Javier Mena Diep" <Javier.MenaDiep@metrolinx.com>, Michael Batt <Michael.Batt@metrolinx.com>, "Hanlon, Mark" <Mark.Hanlon@york.ca>
Cc: "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>, "Sarris, Larry (MTO)" <Larry.Sarris@ontario.ca>, "Kulathinal, Rina (MTO)" <Rina.Kulathinal@ontario.ca>, "Firmani, Adrian (MTO)" <Adrian.Firmani@ontario.ca>, "Mcgill, John" <John.Mcgill@parsons.com>, "Garron, Gus" <Gus.Garron@parsons.com>, "Leung, Winnie" <Winnie.Leung@parsons.com>, "r.minnesconsulting@gmail.com" <r.minnesconsulting@gmail.com>, Liz Speller <lspeller@lgl.ca>, Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>, 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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METROLINX

January 26, 2018

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive
Suite 500
Markham, ON L3R 9R9

RE: 407 Transitway (Hurontario to Highway 400) Draft EPR

Dear Ms. Kerslake,

Thank you for giving us the opportunity to comment on the 407 Transitway (Hurontario to Highway 400) Draft EPR. We have reviewed the EPR documents and can provide the comments below as they pertain to the Hurontario LRT Project.

Chapter 2 – Transportation Needs, Page 2-3: This section describes the transit operators that provide service in the Study Area. The Hurontario LRT Project is listed under MiWay. Because the LRT will be operated and maintained independent of MiWay operations, the Hurontario LRT Project should be described in its own separate subsection similar to the descriptions of GO Transit, YRT/VIVA, TTC, Brampton/ZÜM and MiWay. The manner in which the Hurontario LRT appears in the text presents the LRT as a subordinate to MiWay when in reality it will be its own higher-order transit service.

Chapter 5 – Project Description - General: The graphics in Chapter 5 appear to depict that the conceptual design of the 407 Transitway has been developed to avoid conflict with the Hurontario LRT Project. Given that implementation of the LRT will commence well in advance of the 407 Transitway, confirmation of the Transitway geometry must be made early in the preliminary design phase of the 407 Transitway project to assure Project Stakeholders that the 407 Transitway will indeed have no effect upon the LRT mainline, LRT connecting track and the LRT Operations, Maintenance and Storage Facility (OMSF). Likewise, attention must be given to the construction methods for the grade separation of the 407 Transitway at Hurontario Street to confirm the statement on Page 5-2 that construction of the 407 Transitway will not disrupt LRT service. Once construction of the LRT has begun or LRT operations have commenced, there will be no opportunity to disrupt LRT service.

Chapter 10 – Commitments to Future Action – Page 10.4: This chapter, under the heading "Transportation", includes a commitment "Review of the station facility concept layouts and design will be undertaken prior to construction" with Municipalities and Transit Agencies. A second commitment should be included to specifically reference the Hurontario LRT, as the consultation/coordination requirements of interfacing with a fixed-facility like LRT is very different from developing the interface between surface bus routes and the 407 Transitway, given the flexibility of bus operations relative to rail operations. Having a separate commitment will highlight the uniqueness of the LRT/407 Transitway connection.

Please let us know if you need any clarifications on the notes above. We look forward to keep working with you in the benefit of both projects.

Sincerely,

Javier Mena Diep, P. Eng.
Sr. Project Manager, Hurontario LRT Project

Enclosure: Attachment - Email Response to Holly Kerslake

cc: Darshpreet Bhatti, Director - Hurontario LRT
Makael Kakakhel, Manager - Hurontario LRT
Onala (Tony) Atala, Project Manager - AECOM
HuLRT Document Control

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

May 16th, 2018

Javier Mena-Diep, P.Eng., PMP
Sr. Project Manager, Hurontario LRT Project
Capital Projects Group – Metrolinx
20 Bay St.
Toronto, ON M5J 2W3

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Mena-Diep,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to Metrolinx's comments which were received on January 26th, 2018 and January 29th, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

GREATER TORONTO AIRPORT AUTHORITY

Liz Speller

From: George Ivanoff
Sent: November-24-15 1:51 PM
To: Corazzola, Gene
Cc: Nowicki, Mark; Zurek, Wojtek; Bari, Numair; Liz Speller
Subject: RE: 407 Transitway - West of Hurontario St to East of Highway 400

Thank you, Gene. We note your concerns and have updated our contact list with your name, so that you will receive future correspondence on this project.

George Ivanoff, BSc, M.L.A.
Senior Environmental Planner
LGL Limited environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario L7B 1A6
905-833-1244 Email: givanoff@lgl.com

From: Corazzola, Gene [mailto:Gene.Corazzola@gtaa.com]
Sent: November-20-15 2:22 PM
To: George Ivanoff <givanoff@lgl.ca>
Cc: Nowicki, Mark <mark.nowicki@gtaa.com>; Zurek, Wojtek <wojtek.zurek@gtaa.com>; Bari, Numair <Numair.Bari@gtaa.com>
Subject: 407 Transitway - West of Hurontario St to East of Highway 400

Hello George,

This email is to acknowledge that GTAA has received your Notice of Study Commencement for the Planning Phase, EA, and Preliminary Design of the above-noted project. The Airport Planning Division of GTAA will act as the point of contact for further correspondence on this project and will coordinate comments from other departments of the organization appropriately. As a result, I have replaced Mr. Derek Gray's name with my own as the updated contact in the attached reply form.

GTAA is generally supportive of the proposed transitway as part of an expanded ground transportation network to serve growing travel demands in the western GTA as well as anticipated future growth in transit trips to Toronto Pearson and surrounding area.

At this time, we do not have any specific concerns related to the proposed undertaking. As the project progresses however, our primary interest will be to have an opportunity to review plans associated with any new high mast lighting installations proposed along the transitway, which may warrant a review by our Land Use Planning group against our Airport zoning regulations. This will ensure compliance with height limits defined by aviation surfaces in order to maintain their integrity, hence ensuring compatibility with airport operations.

In addition, if developed within the scope of this project, we would also like the opportunity to review any plans or specifications of proposed electrical plant and structures associated with future Light Rail operation, including any details on the expected overhead catenary system, electrical substation locations, and system

voltage. Plans are assessed against aviation Communication, Navigation and Surveillance Systems Zoning, and Instrument Procedure minima.

Our interest is to have the opportunity to review plans and provide comment associated with the above project elements before the detailed design stage. This will enable appropriate time for any concerns to be addressed by GTAA and the project team.

We look forward to participating as an interested stakeholder in this study as it progresses . If you should have any questions or comments at anytime, please do not hesitate to contact me.

Regards,
Gene

Toronto Pearson

Gene Corazzola, Manager, Groundside Systems
Greater Toronto Airports Authority | Airport Planning & Technical Services
P.O. Box 6031, 3111 Convair Drive, Toronto AMF, Ontario, L5P 1B2
Phone (416) 776-5197 | **Mobile** (416) 557-3541
www.TorontoPearson.com

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

~~Mr. Derek Gray~~
~~Manager, Environmental Services~~
Greater Toronto Airport Authority
Lester B. Pearson International Airport
3111 Convair Drive, P.O. Box 6031
Mississauga, Ontario
L5P 1B2

Update contact information if necessary
Mr. Gene Cotrazzola
Manager, Groundside Systems (Planning)
Same address

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress.	
I have no concerns about the study and I can be removed from your contact list.	
I will be commenting on this study by the date specified.	✓
I will be providing background information related to this study by the date specified.	
I am interested in receiving the following additional information about the study:	

Comments outlined in email of November 20, 2015

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Tuesday, February 21, 2017 2:28 PM
To: Bari, Numair
Cc: Merriam, Sarah (MTO); Liz Speller; Garron, Gus; Kerslake, Holly
Subject: RE: 407 Transitway PIC - Follow up

Hi Numair,

Thank you for your email and for attending the PIC on December 6, 2016 for the 407 Transitway from west of Hurontario Street to east of Highway 400. We will add you to the project mailing list and you will be kept informed as the project progresses.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Bari, Numair [mailto:Numair.Bari@gtaa.com]
Sent: December 9, 2016 3:47 PM
To: DeRose, Graham (MTO)
Subject: 407 Transitway PIC - Follow up

Hi Graham,

It was nice to meet you at the PIC on December 6.
The GTAA does not have any significant comments at this time.

On a side note, can you please add me to the mailing list and I imagine we will be in touch in the future as this project progresses.

Thank you and have a great weekend.

Toronto Pearson

Numair Bari, Transportation Planner
Greater Toronto Airports Authority | Airport Planning and Technical Services
P.O. Box 6031, 3111 Convair Drive, Toronto AMF, Ontario, L5P 1B2
Phone: (416) 776-5023 | **Fax:** (416) 776-4168
www.TorontoPearson.com

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TRANSPORT CANADA

From: EnviroOnt [mailto:EnviroOnt@tc.gc.ca]
Sent: Tuesday, November 22, 2016 8:03 AM
To: graham.derose@ontario.ca; Sarah.merriam@ontario.ca; k.eldalati@parsons.com; gkauffman@lgl.com
Subject: TPAP EA - 407 Transitway from West of Hurontario St. to East of Hwy 400, Brampton & Mississauga ONT: NEATS 43441

Hello,

Thank you for your correspondence.

Please note Transport Canada does not require receipt of all individual or Class EA related notifications. We are requesting project proponents to self-assess if their project will interact with a federal property and require approval and/or authorization under any Acts administered by Transport Canada*.

Under the Canadian Environmental Assessment Act, 2012, Transport Canada is required to determine the likelihood of significant adverse environmental effects of projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project. The project proponent should review the Directory of Federal Real Property, available at http://www.tbs-sct.gc.ca/dfrp-rbif/, to verify if the project will potentially interact with any federal property and/or waterway. The project proponent should also review the list of Acts that Transport Canada administers and assists in administering that may apply to the project, available at: https://www.tc.gc.ca/eng/acts-regulations/acts.htm.

If the aforementioned does not apply, the Environmental Assessment program should not be included in any correspondence. If there is a role under the program, correspondence should be forwarded electronically to: EnviroOnt@tc.gc.ca.

*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

* Navigation Protection Act (NPA) – the Act applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling (519) 383-1863.

* Railway Safety Act (RSA) – the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or by calling (613) 998-2985.

* Transportation of Dangerous Goods Act (TDGA) – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous

goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling (416) 973-1868.

* Aeronautics Act – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. The Land Use In The Vicinity of Aerodromes publication recommends guidelines for and uses in the vicinity of aerodromes, available at: https://www.tc.gc.ca/eng/civilaviation/publications/tp1247-menu-1418.htm. Enquires can be directed to CASO-SACO@tc.gc.ca or by calling 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is needed.

Thank you,

Environmental Assessment Program | Programme d'évaluation environnementale
Transport Canada, Ontario Region | Transports Canada, Région de l'Ontario
4900 Yonge St., Toronto, ON M2N 6A5 | 4900, rue Yonge, Toronto, ON, M2N 6A5
Email | Courriel: EnviroOnt@tc.gc.ca
Facsimile | télécopieur: (416) 952-0514
Government of Canada | Gouvernement du Canada

Liz Speller

From: Liz Speller
Sent: January-30-18 7:40 AM
To: Liz Speller
Subject: FW: PIC notice- 407 Transitway
Attachments: NEATS 46379- PIC notice- 407 Transitway from West of Hurontario to East of Highway 400.pdf

From: EnviroOnt [mailto:EnviroOnt@tc.gc.ca]
Sent: Monday, January 8, 2018 3:44 PM
To: graham.derose@ontario.ca; larry.sarris@ontario.ca; john.mcgill@parsons.com; gkauffman@lgl.com
Subject: PIC notice- 407 Transitway

Greetings,

Thank you for your correspondence.

Please note Transport Canada **does not** require receipt of all individual or Class EA related notifications. We are requesting project proponents to self-assess if their project:

1. Will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property, available at at www.tbs-sct.gc.ca/dfrp-rbif/; **and**
2. Will require approval and/or authorization under any Acts administered by Transport Canada* available at http://www.tc.gc.ca/eng/acts-regulations/menu.htm.

Projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project, will be subject to a determination of the likelihood of significant adverse environmental effects, per Section 67 of the *Canadian Environmental Assessment Act, 2012*.

If the aforementioned does not apply, the Environmental Assessment program should not be included in any further correspondence and future notifications will not receive a response. If there is a role under the program, correspondence should be forwarded *electronically* to: EnviroOnt@tc.gc.ca with a **brief description of Transport Canada's expected role**.

*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

- ***Navigation Protection Act (NPA)*** – the Act applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling (519) 383-1863.

- ***Railway Safety Act (RSA)*** – the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or by calling (613) 998-2985.

- ***Transportation of Dangerous Goods Act (TDGA)*** – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling (416) 973-1868.

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Please advise if additional information is needed.

Thank you,

Environmental Assessment Program, Ontario Region
Transport Canada / Government of Canada / 4900 Yonge St., Toronto, ON M2N 6A5
EnviroOnt@tc.gc.ca / Facsimile : (416) 952-0514 / TTY: 1-888-675-6863

Programme d'évaluation environnementale, Région de l'Ontario
Transports Canada / Gouvernement du Canada / 4900, rue Yonge, Toronto, ON, M2N 6A5
EnviroOnt@tc.gc.ca / télécopieur: (416) 952-0514

From: Liz Speller
To: "RailSafety@tc.gc.ca"
Cc: "DeRose, Graham (MTO)"; Sarris, Larry (MTO); Kerslake, Holly; Garron, Gus; Bishop, Chris; Grant Kauffman
Subject: 407 Transitway TPAP - Hurontario Street to Highway 400 (G.W.P. 14-20001)
Date: April-20-18 1:44:00 PM
Attachments: TC Comment 4.pdf

Good afternoon,

Further to my discussion with staff at the Rail Safety Office on April 18, 2018, I would like to provide some information about MTO's 407 Transitway project from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT). The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*.

We received the attached email from Transport Canada (Environmental Assessment Program, Ontario Region) on January 8, 2018 in response to a notification regarding Public Information Centre #2 for the project. Transport Canada requested that we self-assess the project to determine if it will impact federal property and require approval/authorization under any Acts administered by Transport Canada. **We would like to confirm with you whether an approval/authorization would be required for this project under the *Railway Safety Act*.** The proposed 407 Transitway alignment crosses Federal property at three locations on land owned by CNR (east of Bramalea Road shown on Plate 12 and east of Airport Road shown on Plate 17) and CPR (west of Islington Avenue shown on Plate 31). In addition, one of the proposed 407 Transitway stations (Pine Valley Drive Station located east of Islington Avenue shown on Plate 32) lies directly adjacent to/north of Federal property on land owned by CNR. Please see below a link to the plates/drawings showing the location of the alignment in the vicinity of these properties. All railway crossings of the 407 Transitway will be fully grade separated, either bridged over or tunneled under existing rail facilities. Details of this work will be further discussed in the Detail Design phase of this project; however, it is important to note that the design will ensure no disruptions to existing rail operation of all impacted rail infrastructure. Please note that correspondence has taken place with both CNR and CPR throughout the study.

https://www.dropbox.com/s/35ixv0dt8sdvyb7/407%20Transitway%20Plates%20for%20Rail%20Safety%20Office%20Response.pdf?dl=0

If you require any further information about the project, please contact me via email or phone (905-833-1244).

Sincerely, Liz
Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: Rail Safety / Sécurité ferroviaire (TC)
To: Liz Speller
Subject: RE: 407 Transitway TPAP - Hurontario Street to Highway 400 (G.W.P. 14-20001)
Date: April-20-18 1:45:07 PM

This is an automated message to acknowledge receipt of your correspondence.

Thank you for contacting Transport Canada - Rail Safety.
You may find related information on our website: http://www.tc.gc.ca/eng/railsafety/menu.htm

Thank you,

Rail Safety
Transport Canada
email: railsafety@tc.gc.ca
Telephone 613-998-2985 | Facsimile 613-990-7767
Government of Canada

Ceci est un message automatisé pour accuser réception de votre correspondance.

Merci de communiquer avec la Sécurité ferroviaire de Transports Canada.
Vous pouvez aussi trouver de l'information sur notre site Web : http://www.tc.gc.ca/fra/securiteferroviaire/menu.htm

Merci,

Sécurité ferroviaire
Transports Canada
courriel : securiteferroviaire@tc.gc.ca
Téléphone 613 998-2985 | Télécopieur 613 990-7767
Gouvernement du Canada

407 ETR

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Craig White
Highway 407 ETR Consortium
6300 Steeles Avenue West
Woodbridge, Ontario
L4H 1J1

Update contact information if necessary

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☒

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

The study area is 407 land which has been leased to 407ETR under our Concession Ground Lease Agreement. The study must respect and follow that Agreement. Please include Jeff Booker and myself on all correspondence

Please return this completed form by November 27, 2015:

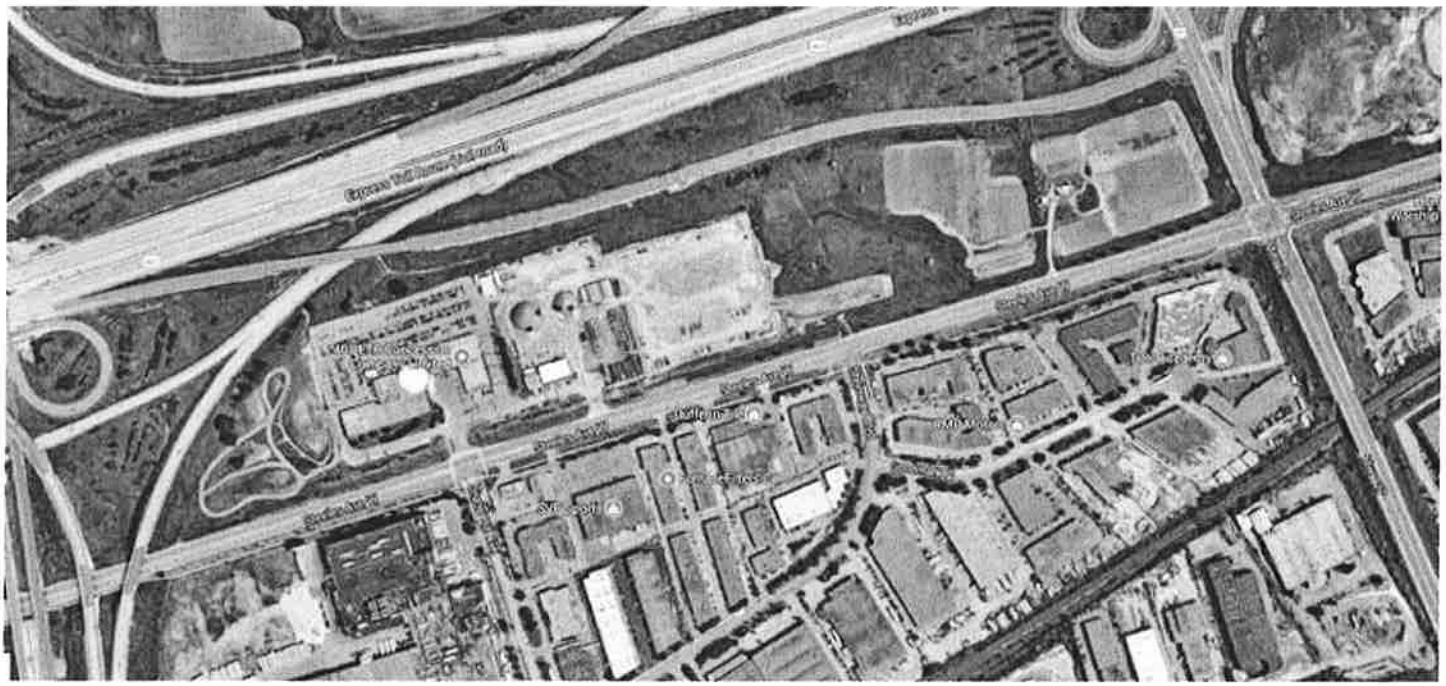
George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: Kerslake, Holly
Sent: October-12-17 11:33 AM
To: Dragan Mrkela; 'Jeff Booker'; Ray Bacquie
Cc: Garron, Gus; Zaporzan, Justin; Lawson, Sarah; Morales, Richard; r.minnesconsulting@gmail.com
Subject: 407 Transitway - 407 ETR Building Watercourse Realignment Drawings

Hi Jeff/Ray/Dragan,

We were wondering if it would be possible to get the SWM/Hydraulic Report and Channel Design Drawings for the watercourse realignment adjacent to the ETR Head Office property. It is our understanding that the watercourse was realigned due to recent expansion of your facilities next to the existing 407 Offices and Maintenance Yard. If the geomorphology assessment is also available, we require this information as well. Additionally, we are looking for as-built drawings of the new ETR direct 407 access ramp and bridge just to make sure we have no impacts.



Thanks! Please give me a call if you have any questions or concerns.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Craig White <cwhite@407etr.com>
Sent: February-15-18 11:52 AM
To: Ray Bacquie; Kerslake, Holly
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca); Jeff Booker; Dragan Mrkela; Shakir Hussein; Rick Bruno; Sarris, Larry (MTO); Liz Speller; r.minnesconsulting@gmail.com; Frank.martins@ontario.ca
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi All
I am good with the times Ray has proposed on March 20th, 21st and 22nd.
Thanks, Craig

From: Ray Bacquie
Sent: February-15-18 11:23 AM
To: Kerslake, Holly
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca); Craig White; Jeff Booker; Dragan Mrkela; Shakir Hussein; Rick Bruno; Sarris, Larry (MTO); Liz Speller; r.minnesconsulting@gmail.com; Frank.martins@ontario.ca
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

Unfortunately March 6th will not work. I suggest the following times:

- Tuesday March 20th 10:00 or 2:30
- Wednesday March 21st 2:00
- Thursday March 22nd 10:00

We are happy to host the meeting.

Regards,

Ray

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Wednesday, February 14, 2018 4:35 PM
To: Ray Bacquie <rbacquie@407etr.com>
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Craig White <cwhite@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Dragan Mrkela <dmrkela@407etr.com>; Shakir Hussein <shussein@407ETR.com>; Rick Bruno <rbruno@407ETR.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; r.minnesconsulting@gmail.com; Frank.martins@ontario.ca
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Thanks Ray. My apologies – the 8th does not work anymore. Would it be possible to do March 6th (morning)? Alternatively, the week of March 19th may be our next option. Please let us know.

Also, I have added Frank to the email – he will be attending from MTO.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Ray Bacquie [mailto:rbacquie@407etr.com]
Sent: Wednesday, February 14, 2018 3:09 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Craig White <cwhite@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Dragan Mrkela <dmrkela@407etr.com>; Shakir Hussein <shussein@407ETR.com>; Rick Bruno <rbruno@407ETR.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Holly,

Thank you for your email. I will be away from the office from next week until the middle of the week of March 5th. Could we set a time of 3:00 pm on Thursday March 8th at 407 ETR offices?

I also suggest that a representative from MTO Strategic Highways Management Office attend (Doug Coulter and/or Frank Martins). They are involved in our on-going Deferred Interchange Study.

Regards,

Ray

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, February 13, 2018 10:53 AM
To: Ray Bacquie <rbacquie@407etr.com>
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Craig White <cwhite@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Dragan Mrkela <dmrkela@407etr.com>; Shakir Hussein <shussein@407ETR.com>; Rick Bruno <rbruno@407ETR.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Ray,

Thank-you again for the attached comments. MTO and the 407 Transitway Team would like to arrange a meeting to discuss the attached items. What is your availability/preference for the following dates:

- Monday February 26 (All Day)
- Wednesday February 28 (Morning Only)
- Friday March 2 (All Day)
- Anytime Monday March 5 to Thursday March 8

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Ray Bacquie [mailto:rbacquie@407etr.com]
Sent: Friday, January 26, 2018 4:12 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Craig White <cwhite@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Dragan Mrkela <dmrkela@407etr.com>; Shakir Hussein <shussein@407ETR.com>; Rick Bruno <rbruno@407ETR.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Holly,

I neglected to append the attached document to our comment letter.

Regards,

Ray

From: Ray Bacquie
Sent: Friday, January 26, 2018 4:07 PM
To: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Cc: DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Craig White <cwhite@407ETR.com>; Jeff Booker <jbooker@407ETR.com>; Dragan Mrkela <dmrkela@407etr.com>; Shakir Hussein <shussein@407ETR.com>; Rick Bruno <rbruno@407ETR.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Holly,

Please find attached our comments to date regarding the draft EPR. As noted in our letter it may be prudent to have a meeting to clarify the points raised.

Regards,

Ray

Ray Bacquie, P.Eng., MBA
Vice President – Traffic, Pricing & Planning
407 ETR Concession Company Limited
Tel: 905-264-5393

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, January 23, 2018 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Maria Efimova <mefimova@407ETR.com>; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>;

Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; Dragan Mrkela <dmrkela@407etr.com>; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; Ray Bacquie <rbacquie@407etr.com>; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; michael.vallins@cn.ca; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra

(MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com

Desk : +1 905.943.0446
Cell : +1 647.467.8379

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407 International Inc.
6300 Steeles Ave. W.
Woodbridge, ON
L4H 1J1
Tel: 905-265-4070
Fax: 905-265-4071

January 26, 2018

Ms. Holly Kerslake
Project Coordinator
Parsons
625 Cochrane Drive, Suite 500,
Markham, ON L3R 9R9

Re: Draft Environmental Project Report 407 Transitway – West of Hurontario Street

Dear Holly,

This letter is in response to your email of December 15th requesting comments on the Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400). We note that the information provided to 407 ETR is a draft report and certain appendices were not provided. These comments therefore should be viewed as preliminary.

Traffic and Revenue Impacts

The concession agreement between 407 ETR and the province of Ontario has protections against disruptions to operations and revenue, such that compensation will be provided to 407 ETR for impacts to toll revenue. This should be acknowledged in the EA document to ensure appropriate construction staging measures are planned and adequate financial compensation to 407 ETR is made available as necessary for implementation. We suggest that Table 6.7 and/or other relevant sections of the EPR be updated.

407 ETR Lands

The proposed alignment of the Transitway between Highway 27 and Pine Valley Drive is different than the alignment shown in the 1998 Transitway Corridor Protection Study. The EPR proposes an alignment that extends into the Highway 407 lands and immediately adjacent to Highway 407 ETR. It is unclear from the plan the relative grade differential, the separation and clear zone provided and potential construction and maintenance requirements and operational impacts to 407 ETR. It is also unclear how the proposed alignment may impact a potential Kipling Avenue interchange currently under study. We require a better understanding of the proposed configuration in order to determine if this design is acceptable to 407 ETR.

Appendix Q plate 26 indicates provincial area north of Steeles Avenue west of Steinway for the Highway 27 Station. We believe that this land is 407 ETR land attributable to our site operations.

Appendix Q plate 23 indicates a proposed structure over Highway 407 ETR connecting the 427 transitway to the Highway 50 station. The alignment of the structure is over our Highway 27 toll gantry detection area. The Transitway project may need to relocate this structure or relocate the 407 ETR gantry to an acceptable location to avoid interference with tolling operations.

Transitway Structures

Section 5.3 of the EPR addresses proposed structures. Documentation of the EPR should clarify the ownership and operating and maintenance responsibilities of all structures. 407 ETR will not be the owner of the structures or be responsible for maintenance and operations.

In the interest of enhanced safety, consistency of the roadway, and driver experience on Highway 407 ETR, the enhanced clear zone and abutment setbacks should be consistent with the existing Highway 407 ETR design. During the design and construction of Highway 407 ETR Central and the 407 east and west expansions, the Ministry directed 407 ETR to follow an enhanced setback of the abutment offset requirement for bridge structures over 407 mainline, it is our opinion that the Transitway structures should also be built in accordance with this enhanced safety standard (please see attached Ministry letter dated June 16, 2000).

General Comments

The 407 ETR will reserve comments regarding the drainage, storm water management plan, structures crossings of the 407 ETR, utility relocation, traffic impact mitigation, and construction staging during detailed design. It will need to be proven to 407 ETR's satisfaction that the proposed transitway facilities will not adversely affect with the 407 ETR's safety, maintenance, or operation of the highway.

The EPR document should provide clarification on ownership, operation and maintenance responsibilities related to all transitway infrastructure, including but not limited to structures, tunnel crossings, storm water ponds, pavement surfaces, utilities, etc.

Given the issues noted above, we suggest a meeting between the MTO, the 407 Transitway project team and 407 ETR. We are happy to arrange a meeting at your convenience prior to our final comments for inclusion into the completion of the design and final Environmental Project Report.

Regards,

Ray Bacquie, P.Eng.
Vice President – Traffic, Pricing and Planning

c. Graham DeRose MTO
Craig White 407 ETR
Jeff Booker 407 ETR

Ministry of Transportation

Ministère des Transports

Ontario

Policy, Planning and Standards Division
3rd Floor, Ferguson Block
77 Wellesley St. West
Toronto, Ontario, M7A 1Z8
Tel: (416) 327-8521
Fax: (416) 327-8746

June 16, 2000

Mr. José María López de Fuentes
President and Chief Executive Officer
407 ETR Concession Company Limited
6300 Steeles Avenue West
Woodbridge, Ontario L4H 1J1

Dear Mr. López de Fuentes:

Pursuant to section 6.4(a) of the Concession and Ground Lease Agreement the Crown as represented by the Minister of Transportation hereby immediately directs the Concessionaire to:

(1) Construct all roadway bridges including Appleby Line, Highway 48 and Ninth Line with offsets of a minimum of 10m between the edge of the through lane closest to the abutment (120km/h Design Speed) and the face of the abutment;

(2) Construct the Highway 407 exit ramps at Bronte Road (W-N,S), Trafalgar Road (E-N,S) and Bronte Road (E-N,S) at 250 metre radii. In addition, construct the Highway 407 exit ramps at Appleby Line (E-N,S) and Hwy. 48 (E-N,S) at 250 metre radii or demonstrate to the Grantor's satisfaction that the Concessionaire has used best efforts to achieve radii as close as possible to 250 metres. The Ministry defines "best efforts" as constructing as close as possible to the standard 250 metre radii, where there are no property or environmental constraints;

(3) Construct all fill side slopes and ditch slopes at 6:1 or flatter on Highway 407 West, where practical. The ministry defines practical as areas where there were no property or environmental constraints on May 5, 1999.

The Ministry defines "environmental constraints" as requirements to obtain further approvals under environmental laws from either the federal or provincial governments.

Sincerely,

Bob Breeze
Assistant Deputy Minister

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: March-19-18 1:29 PM
To: DeRose, Graham (MTO); 'Ray Bacquie'; 'cwhite@407etr.com'; jbooker@407ETR.com; 'Dragan Mrkela'; 'shussein@407ETR.com'; 'rbruno@407ETR.com'; Garron, Gus; Liz Speller; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Martins, Frank (MTO)
Subject: RE: 407 TWY (Hurontario to Hwy 400) Draft EPR - 407 ETR Comments
Attachments: 04 - 407ETR - Meeting Draft 1.pdf; ETR Discussion - Figure 01.pdf; ETR Discussion - Figure 02.pdf

Hi Everyone,

Please see attached preliminary responses to 407 ETR's Hurontario to Hwy 400 Transitway Draft EPR comments. **This will be discussed during Thursday meeting**.

Thanks, see everyone Thursday!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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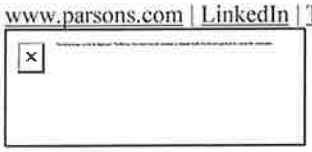

-----Original Appointment-----
From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Monday, March 05, 2018 10:15 AM
To: DeRose, Graham (MTO); 'Ray Bacquie'; 'cwhite@407etr.com'; jbooker@407ETR.com; 'Dragan Mrkela'; 'shussein@407ETR.com'; 'rbruno@407ETR.com'; Kerslake, Holly; Garron, Gus; Liz Speller; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Martins, Frank (MTO)
Subject: 407 TWY (Hurontario to Hwy 400) Draft EPR - 407 ETR Comments
When: Thursday, March 22, 2018 10:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: 407 ETR Office

As previously discussed, this meeting between 407 Transitway project team (MTO/Parsons) and 407 ETR to discuss 407 TWY – Hurontario to Hwy 400 Draft EPR comments (attached).
Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Teleconference Option Details:
Dial-in Number: Canada toll free: **+1 888 598 1409**
Participant Passcode: **4714868#**

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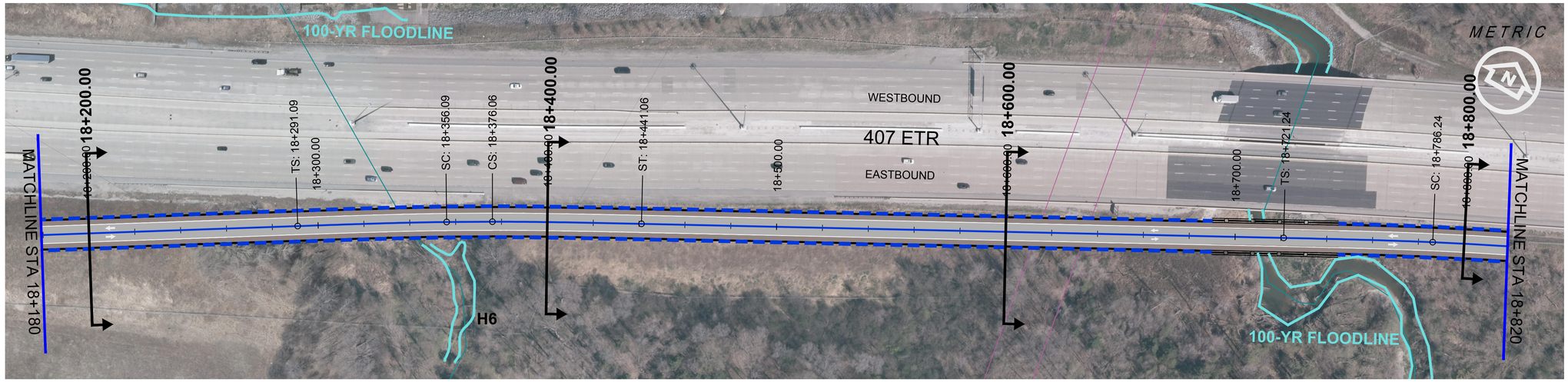

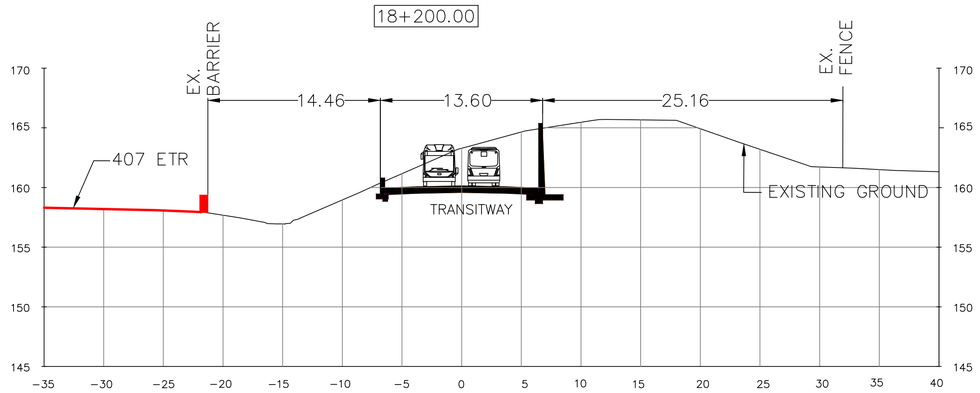

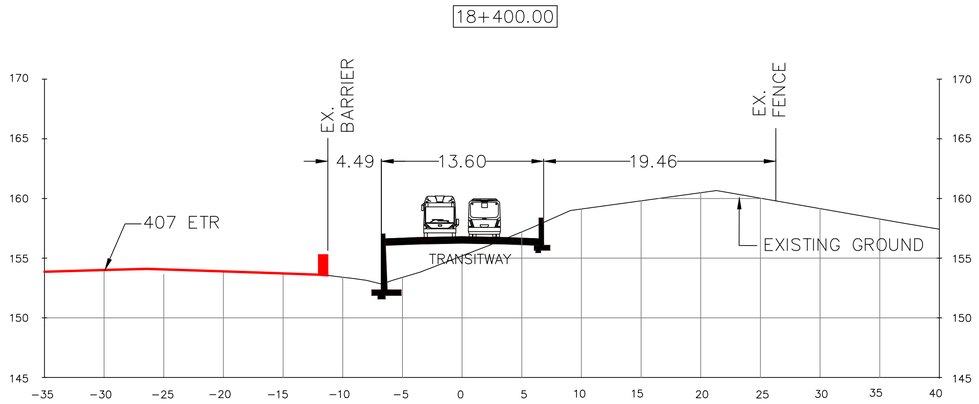

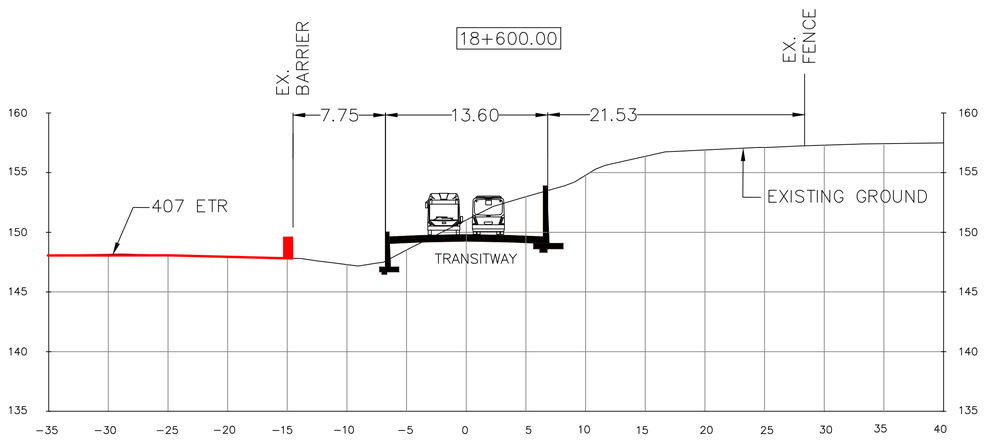

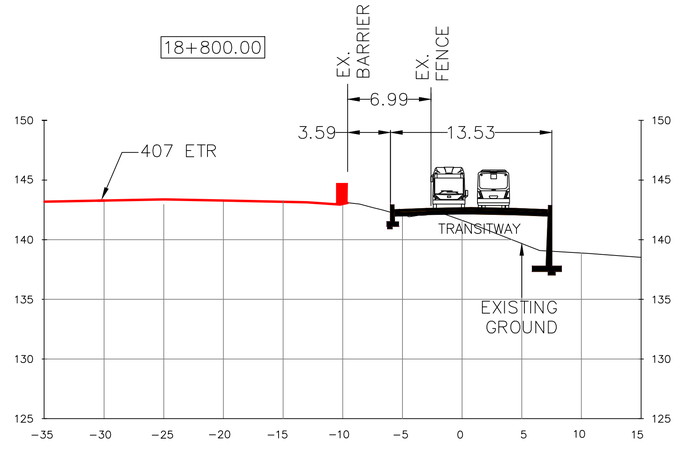

Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal
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LEGEND

407 TRANSITWAY

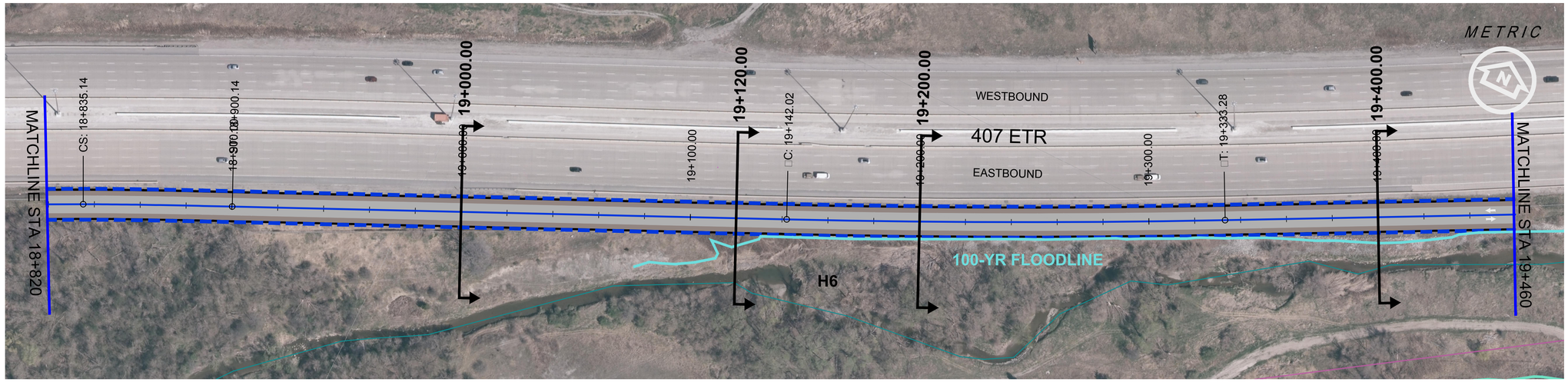
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
CROSS SECTIONS STA. 18+200 TO 18+820

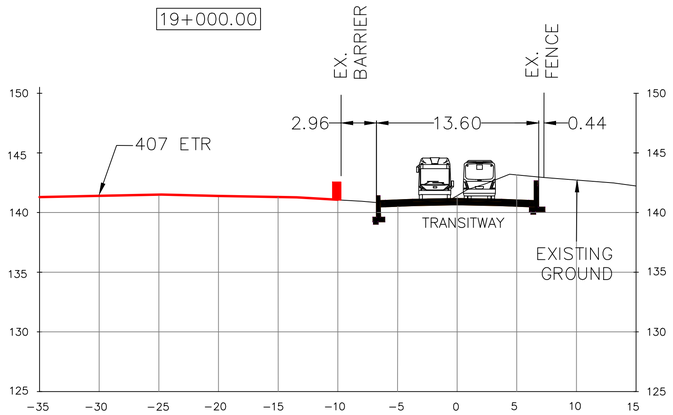
DRAWING SET
407 ETR DISCUSSION

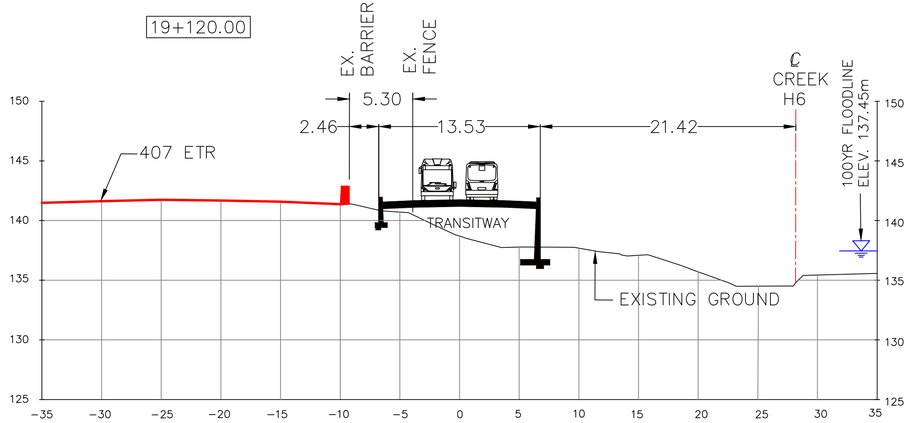
PLATE
01

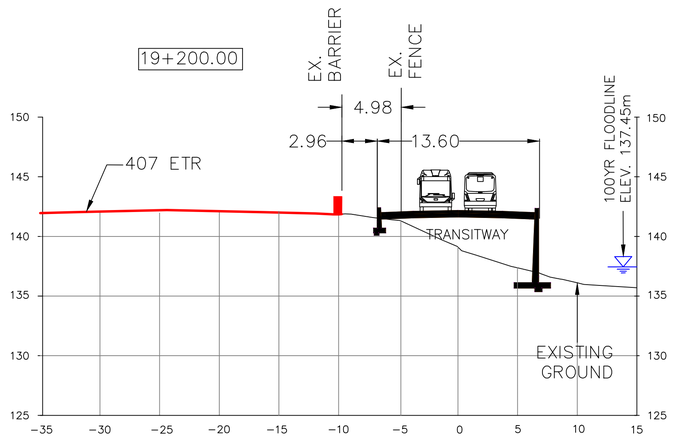
DATE
03/01/2018

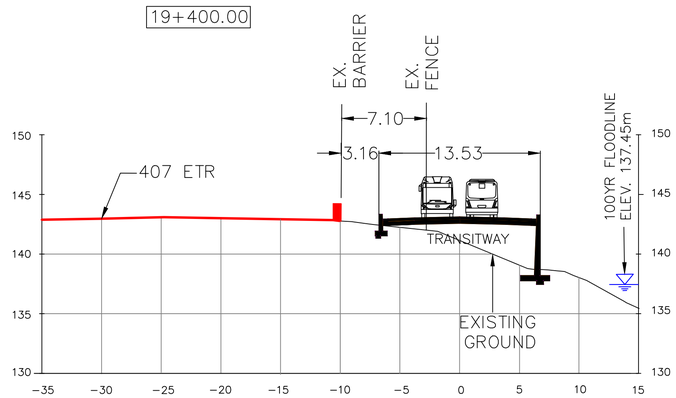
DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TTIS General\03 - Drawings\11 - Grading\407ETR cross sections\ETR Discussion - Plate 01.dwg
MODIFIED: Mar 09, 2018 9:33am
CREATED: RM3











Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal
1m 0 2m
Vertical

LEGEND

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
CROSS SECTIONS STA. 18+820 TO 1□+400

DRAWING SET
407 ETR DISCUSSION

PLATE
02

DATE
03/01/2018

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO+HWY 400\TT\5 General\03 - Drawings\11 - Grading\407ETR cross sections\ETR Discussion - Plate 02.dwg
MODIFIED: Mar 08, 2018 9:35am
CREATED: RM3

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: April-27-18 2:27 PM
To: 'Ray Bacquie'; 'cwhite@407etr.com'; jbooker@407ETR.com; 'Dragan Mrkela'; 'shussein@407ETR.com'; 'rbruno@407ETR.com'; slawomir.demianczuk@ontario.ca
Cc: Sarris, Larry (MTO); Martins, Frank (MTO); Liz Speller; r.minnesconsulting@gmail.com; DeRose, Graham (MTO); Garron, Gus; Leung, Winnie
Subject: RE: 407 TWY (Hurontario to Hwy 400) Draft EPR - 407 ETR Comments
Attachments: 2018.04.27 - Revised Highway 27 Station.pdf; 2018.04.27 - Revised Highway 50 Station.pdf; 2018.03.22 - 407 ETR EPR Comments Discussion - Meeting Minutes.pdf

Hi Ray & All,

Please see attached the revised Station Layouts for **Highway 27 & Highway 50** based on your comments received to the Draft EPR – changes noted below. Please review and let us know if you have any questions or concerns.

- **Highway 27:** The parking layout of Highway 27 Station was revised to stay outside of 407 ETR Patrol Yard property.
- **Highway 50:** 427 Transitway ramp moved away from existing 407 ETR gantry.

I would also like to follow-up with a few items coming out of the meeting held March 22nd.

- **407 ETR Pavement Structure/Foundation Drawings**: Has 407 ETR had a chance to review their structure/foundations drawings against the proposed design yet (based on the drawings circulated during the meeting)? Also, if we could get a copy of the foundations drawings for our own internal design review, that would be greatly appreciated.
- **New Project Segment, Hurontario St. to Brant St. (Burlington) 407 ETR Pavement Structure/Foundation Drawings:** We are looking for any foundations/structural drawings you may have in the Hurontario St. (Mississauga) to Brant St. (Burlington) section of 407 ETR.

Once the structure/foundation drawings have been reviewed, the comment response table will be updated accordingly and circulated to 407 ETR for review.

Please let me know if you have any questions or concerns. Thanks – and have a great weekend everyone!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, April 04, 2018 7:37 PM
To: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; 'Ray Bacquie' <rbacquie@407etr.com>; 'cwhite@407etr.com' <cwhite@407etr.com>; jbooker@407ETR.com; 'Dragan Mrkela' <dmrkela@407etr.com>; 'shussein@407ETR.com' <shussein@407ETR.com>; 'rbruno@407ETR.com' <rbruno@407ETR.com>; Garron, Gus

<Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; r.minnesconsulting@gmail.com; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; 'slawomir.demianczuk@ontario.ca' <slawomir.demianczuk@ontario.ca>
Subject: RE: 407 TWY (Hurontario to Hwy 400) Draft EPR - 407 ETR Comments

Hello Everyone,

Please see attached the meeting minutes from March 22nd. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Monday, March 05, 2018 10:15 AM
To: DeRose, Graham (MTO); 'Ray Bacquie'; 'cwhite@407etr.com'; jbooker@407ETR.com; 'Dragan Mrkela'; 'shussein@407ETR.com'; 'rbruno@407ETR.com'; Kerslake, Holly; Garron, Gus; Liz Speller; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Martins, Frank (MTO)
Subject: 407 TWY (Hurontario to Hwy 400) Draft EPR - 407 ETR Comments
When: Thursday, March 22, 2018 10:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: 407 ETR Office

As previously discussed, this meeting between 407 Transitway project team (MTO/Parsons) and 407 ETR to discuss 407 TWY – Hurontario to Hwy 400 Draft EPR comments (attached).
Sincerely,
Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255
Teleconference Option Details:
Dial-in Number: Canada toll free: **+1 888 598 1409**
Participant Passcode: **4714868#**

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METRIC

WESTBOUND
407 ETR
EASTBOUND

HIGHWAY 27

HIGHWAY 27
STATION

RETAINING WALL

BUS ONLY

BUS ONLY

SHARED-USE PATH

PPUDO (264m)
44 SPACES

ACCESSIBLE
S□ACES 14

AR□ IN□ AREA
692 S□ACES

WALKWAY

SWM

SWM

WALKWAY

ED□E O□ □OND
173.30□

E□ISTIN□ BUS STO□

E□ISTIN□ BUS STO□

STEELES AVENUE WEST

SHARED-USE PATH

EXTEND RIGHT LANE TO
STATION ENTRANCE

E□ISTIN□ BUS STO□

E□ISTIN□ BUS STO□

E□ISTIN□ BUS STO□

E□ISTIN□ BUS STO□

E□ISTIN□ BUS STO□

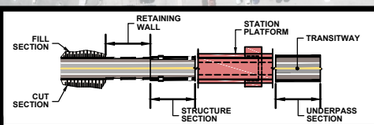
STEINWA□ BOULE□ARD

NEW SIGNALIZED INTERSECTION

RIGHT-IN/ RIGHT-OUT
ACCESS

Ontario PARSONS IBI

SCALE
20m 0 40m
Horizontal



TRAFFIC LANES AND MOVEMENT
EXISTING BUS STOP
STATION BOUNDARY
PROPERTY LINE
SWM POND
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
WALKWAY/SHARED USE PATH

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STATIONS

HIGHWAY 27 STATION

PLATE
S-□A

DATE
04/10/2018

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TT\5 General\03 - Drawings\9 - Stations\HWStations.dwg
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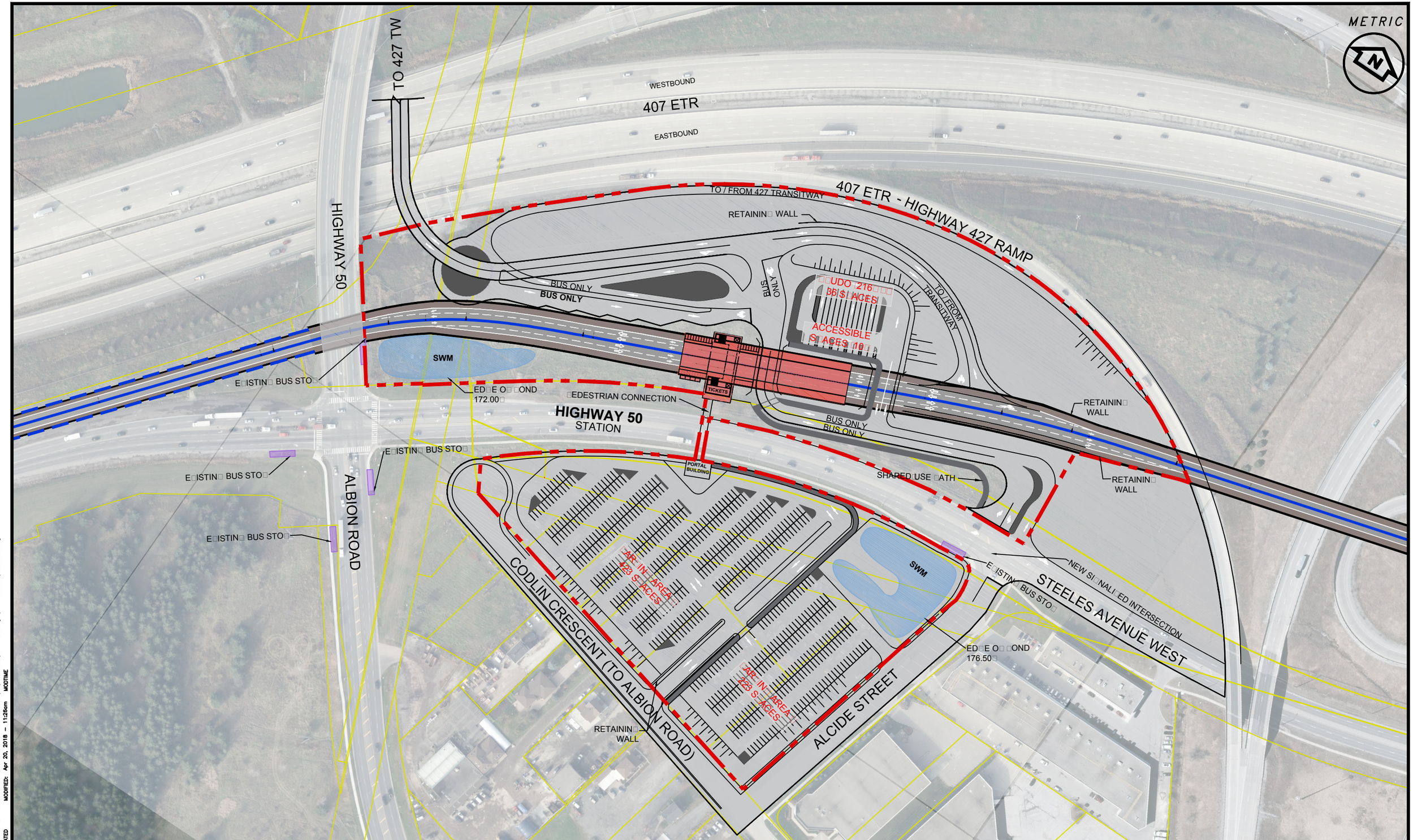

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Ontario PARSONS IBI

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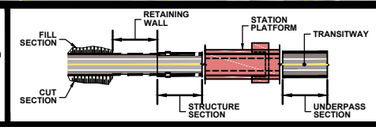


TRAFFIC LANES AND MOVEMENT
EXISTING BUS STOP
STATION BOUNDARY
PROPERTY LINE
SWM POND
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
WALKWAY/SHARED USE PATH

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STATIONS

HIGHWAY 0 STATION

PLATE
S-A

DATE
12/11/2017

Liz Speller

From: Liz Speller
Sent: June-27-18 12:26 PM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: May-18-18 10:49 AM
To: Craig White <cwhite@407etr.com>
Cc: Ray Bacquie <rbacquie@407etr.com>; Jeff Booker <jbooker@407ETR.com>; DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Kevin Lea <leak@407ETR.com>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Craig,

Thank-you for the note - MTO is currently discussing this issue and will formally respond to you next week.

Have a great long weekend everyone!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Message-----
From: Craig White <cwhite@407etr.com>
Sent: Thursday, May 17, 2018 8:42 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Ray Bacquie <rbacquie@407etr.com>; Jeff Booker <jbooker@407ETR.com>; DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Kevin Lea <leak@407ETR.com>
Subject: Re: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Thanks Holly!
Unfortunately the plan shows similar to what I last reviewed. This alignment where there is a new structure between the Highway 50 bridge and our toll site on the 407W- 427N/S ramp is a problem. It is not acceptable to place anything between the toll site and the existing bridge. The separation between these existing structures is already at a minimum. The antennas on the toll site face west to communicate with transponders in approaching vehicles, inserting a bridge in this area will adversely affect this communication. Any new N/S structure crossing this ramp must be located east of the Toll site or West of the Highway 50 bridge.

Please let me know if you require any further information or clarification.

Thanks, Craig

Craig D. White, P. Eng.
Vice President Highway and Tolling Operations
407 ETR Concession Co. Ltd.

Sent from my BlackBerry - the most secure mobile device - via the Bell Network
From: Holly.Kerslake@parsons.com
Sent: May 17, 2018 6:00 PM
To: cwhite@407etr.com
Cc: rbacquie@407etr.com; jbooker@407ETR.com; Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; Gus.Garron@parsons.com; Winnie.Leung@parsons.com; r.minnesconsulting@gmail.com; lspeller@lgl.ca
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Craig,

No problem - please see attached the revised Highway 50 Station layout.

Please let us know if you need anything else.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Message-----
From: Craig White <cwhite@407etr.com>
Sent: Thursday, May 17, 2018 8:18 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Ray Bacquie <rbacquie@407etr.com>; Jeff Booker <jbooker@407ETR.com>
Subject: Re: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Could we please get a copy of the plan showing revised alignment of new structure near Highway 50 to ensure conflict with toll site is resolved?

Thanks, Craig

Sent from my BlackBerry - the most secure mobile device - via the Bell Network
From: Holly.Kerslake@parsons.com<mailto:Holly.Kerslake@parsons.com>
Sent: May 16, 2018 5:21 PM
To: rbacquie@407etr.com<mailto:rbacquie@407etr.com>
Cc: Graham.DeRose@ontario.ca<mailto:Graham.DeRose@ontario.ca>; cwhite@407etr.com<mailto:cwhite@407etr.com>; jbooker@407ETR.com<mailto:jbooker@407ETR.com>; dmrkela@407etr.com<mailto:dmrkela@407etr.com>; shussein@407ETR.com<mailto:shussein@407ETR.com>; rbruno@407ETR.com<mailto:rbruno@407ETR.com>; Larry.Sarris@ontario.ca<mailto:Larry.Sarris@ontario.ca>; Gus.Garron@parsons.com<mailto:Gus.Garron@parsons.com>;

Winnie.Leung@parsons.com<mailto:Winnie.Leung@parsons.com>; lspeller@lgl.ca<mailto:lspeller@lgl.ca>; r.minnesconsulting@gmail.com<mailto:r.minnesconsulting@gmail.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Ray,

Attached are responses to 407 ETR's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

May 16th, 2018

Ray Bacquie, P.Eng., MBA
Vice President – Traffic, Pricing & Planning
407 ETR Concession Company Limited

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Bacquie,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to 407 ETR's comments which were received on January 26th, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

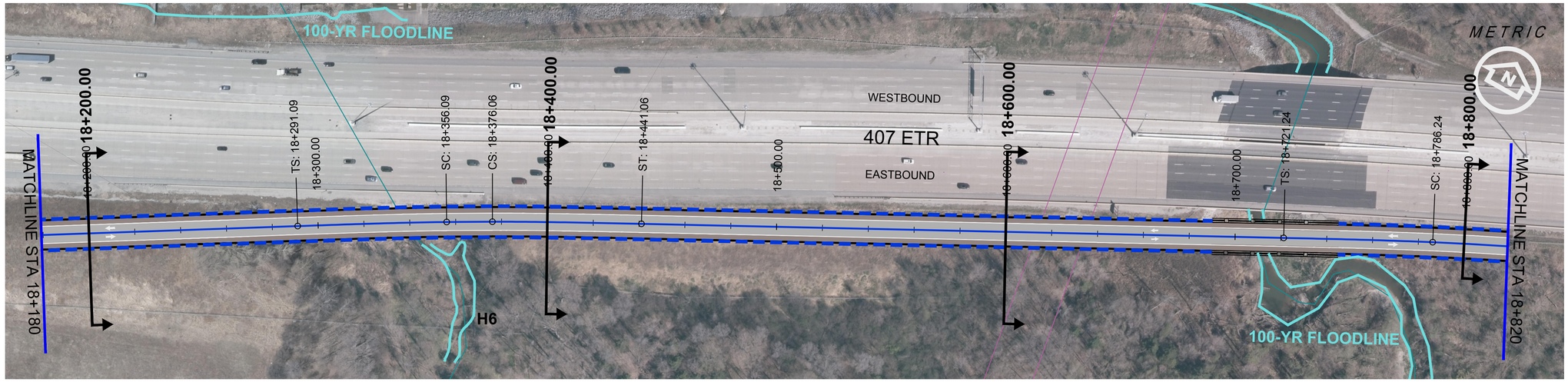
Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

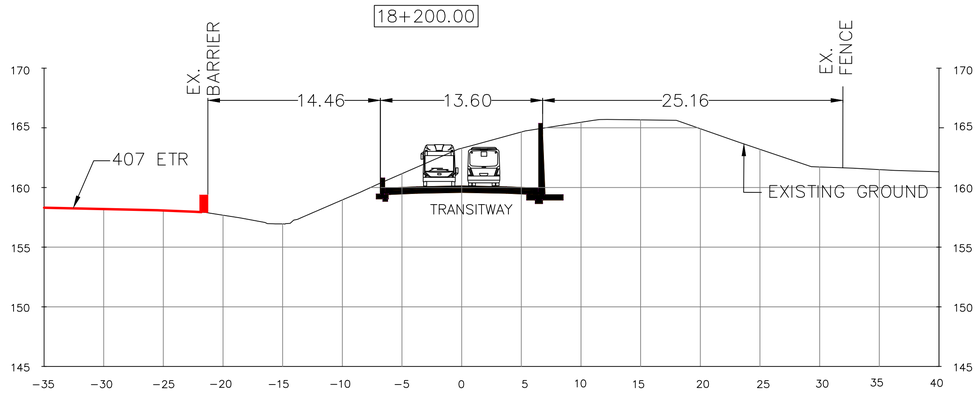
Sincerely,

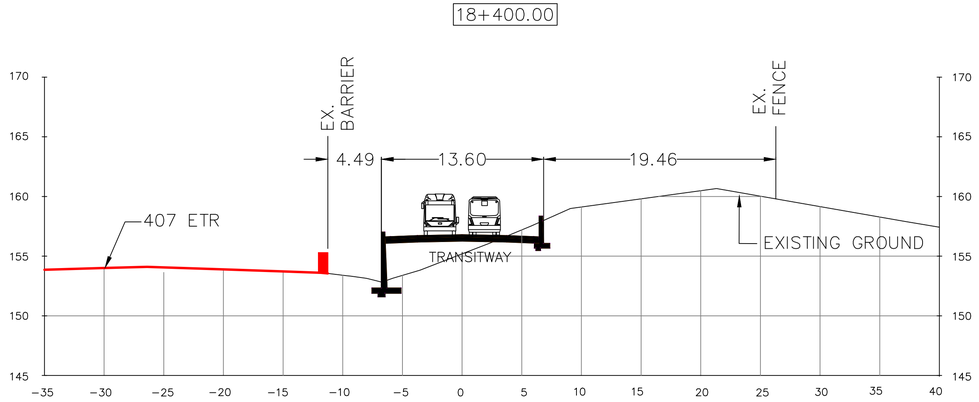
Holly Kerslake

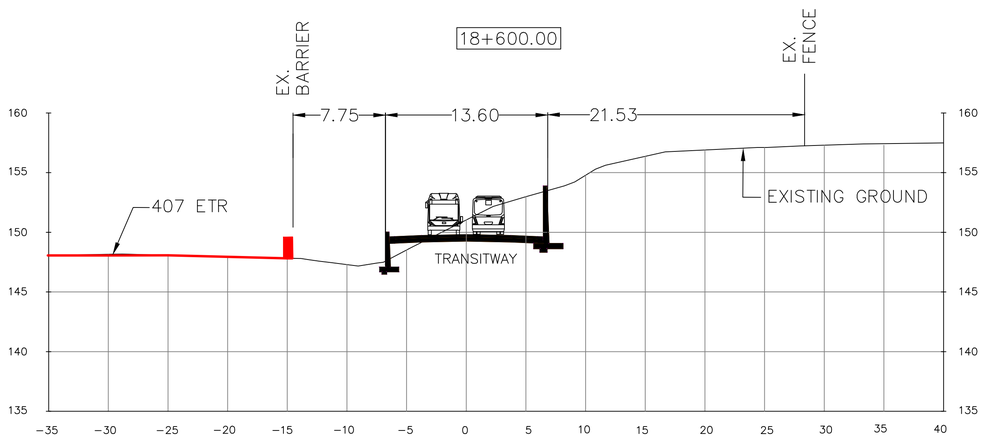
Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

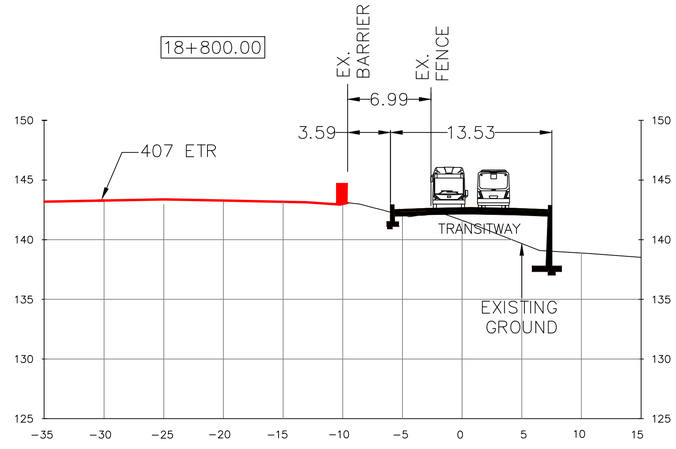
Figure referenced in Chapter 8, Table 8.2, comment ETR-2.











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MODIFIED: Mar 09, 2018 9:33am
CREATED: RM3

Ontario PARSONS IBI GROUP

SCALE

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Horizontal
1m 0 2m
Vertical

LEGEND

407 TRANSITWAY

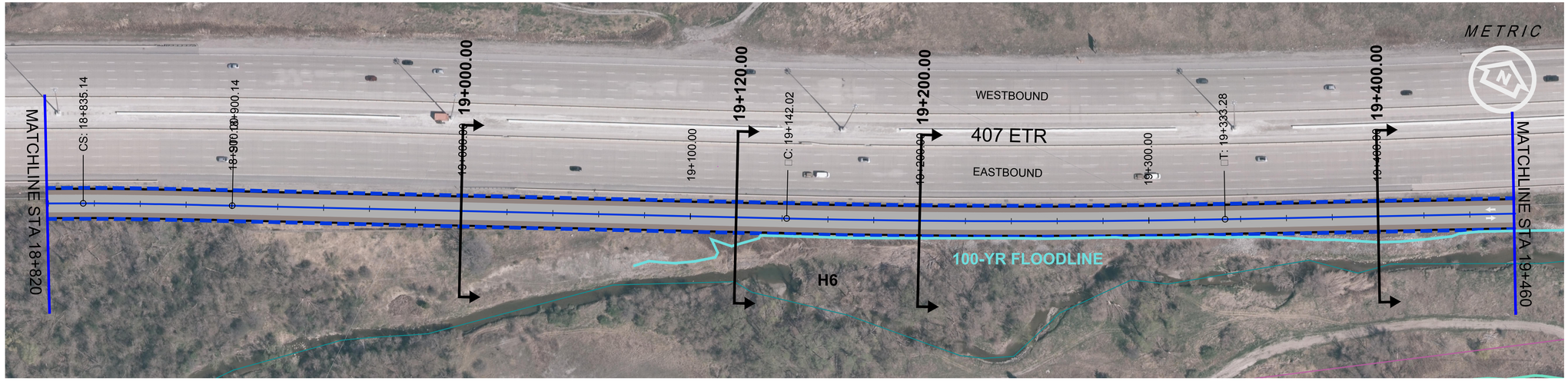
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
CROSS SECTIONS STA. 18+200 TO 18+820

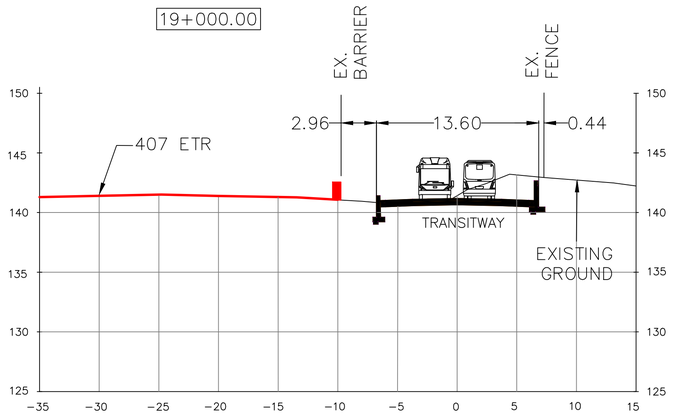
DRAWING SET
407 ETR DISCUSSION

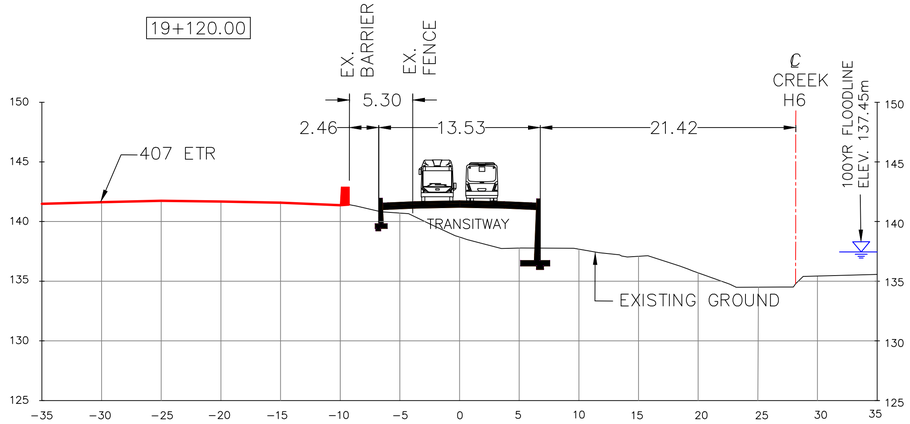
PLATE
01

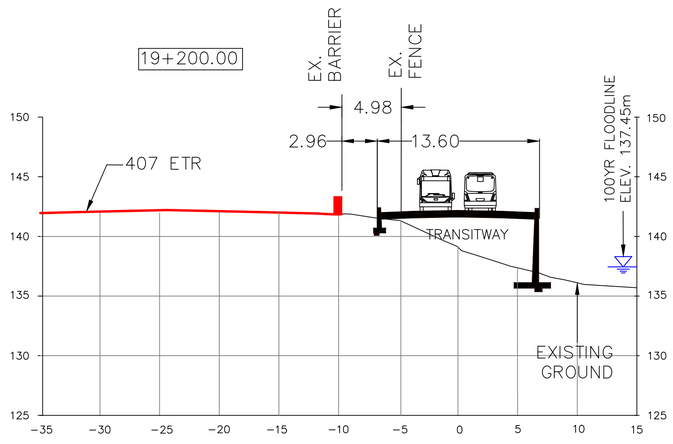
DATE
03/01/2018

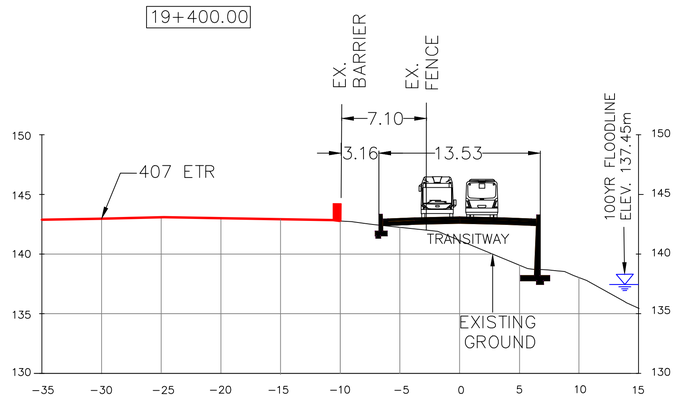
Figure referenced in Chapter 8, Table 8.2, comment ETR-2.











Ontario PARSONS IBI GROUP

SCALE

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Horizontal
1m 0 2m
Vertical

LEGEND

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
CROSS SECTIONS STA. 18+820 TO 1□+400

DRAWING SET
407 ETR DISCUSSION

PLATE
02

DATE
03/01/2018

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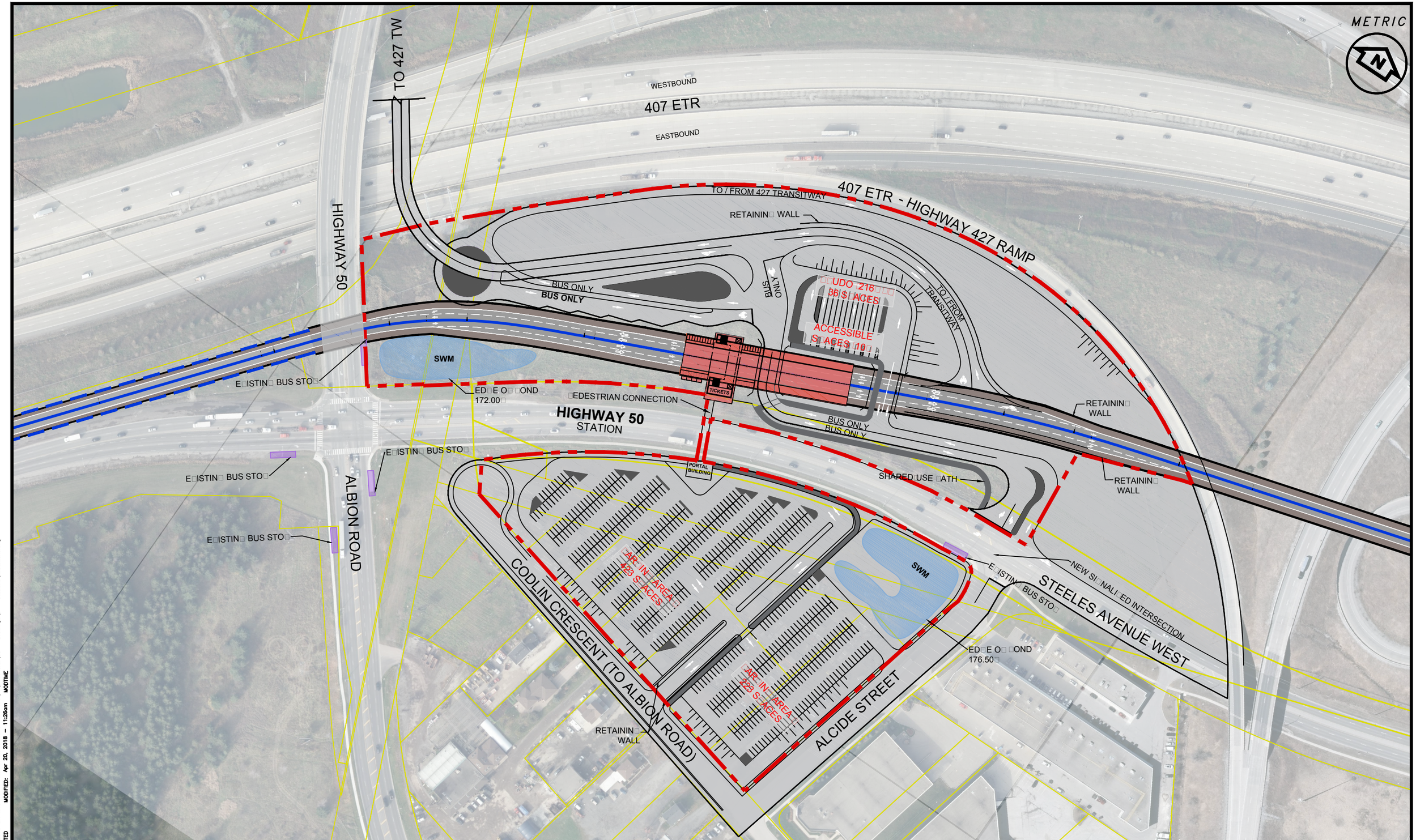
MODIFIED: Mar 08, 2018 9:35am
CREATED: RM3



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CREATED: MODIFIED: Apr 20, 2018 - 11:26am MODTIME

Ontario PARSONS IBI

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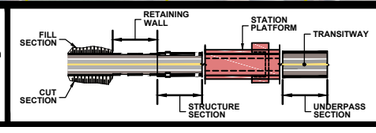

TRAFFIC LANES AND MOVEMENT
EXISTING BUS STOP
STATION BOUNDARY
PROPERTY LINE
SWM POND
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
WALKWAY/SHARED USE PATH

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STATIONS

HIGHWAY 0
STATION

PLATE
S-A

DATE
12/11/2017

Liz Speller

From:	Liz Speller
Sent:	June-27-18 12:29 PM
To:	Liz Speller
Subject:	FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments:	2018.05.23 - Revised Highway 50 Station.pdf

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: June-15-18 10:23 AM
To: Craig White <cwhite@407etr.com>
Cc: Ray Bacquie <rbacquie@407etr.com>; Jeff Booker <jbooker@407ETR.com>; DeRose, Graham (MTO) (Graham.DeRose@ontario.ca) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Kevin Lea <leak@407ETR.com>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Craig,

You are correct, the ramp you are referring to would affect the ETR toll site east of Highway 50. However, this ramp alignment is not part of the current 407 Transitway project, it was actually completed by MTO's Planning & Design office as part of the 427 Transitway EA, from Highway 7 to south of Highway 407.

The Highway 50 Station plate to be included in our final Environmental Project Report (EPR) has been since revised to include a note in this regard, as indicated in the attached PDF.

If you have any questions, please let myself or anyone on the project team know.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

METRIC

WESTBOUND
407 ETR
EASTBOUND

TO CONNECT TO EA APPROVED 427 TRANSITWAY

HIGHWAY 50

407 ETR - HIGHWAY 427 RAMP

TO / FROM 427 TRANSITWAY

RETAINING WALL

BUS ONLY
BUS ONLY

BUS ONLY

PPUDO 216m
36 SPACES

ACCESSIBLE SPACES 10

TO / FROM TRANSITWAY

SWM

EXISTING BUS STOP

EDGE OF POND
172.00m

PEDESTRIAN CONNECTION

HIGHWAY 50
STATION

TICKETS

RETAINING WALL

BUS ONLY
BUS ONLY

EXISTING BUS STOP

EXISTING BUS STOP

PORTAL BUILDING

SHARED-USE PATH

RETAINING WALL

EXISTING BUS STOP

ALBION ROAD

PARKING AREA
423 SPACES

CODLIN CRESCENT (TO ALBION ROAD)

SWM

NEW SIGNALIZED INTERSECTION

EXISTING BUS STOP

STEELES AVENUE WEST

EDGE OF POND
176.50m

RETAINING WALL

PARKING AREA
423 SPACES

ALCIDE STREET

NOTE: ADEQUATE ACTIVE TRANSPORTATION CONNECTIVITY BETWEEN EXISTING BUS STOPS AND THE 407 TRANSITWAY STATION FACILITIES WILL BE DISCUSSED AND COORDINATED WITH THE CORRESPONDING MUNICIPALITIES AND TRANSIT AGENCIES PRIOR TO THE IMPLEMENTATION PHASE.

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400\TT\5 General\03 - Drawings\9 - Stations\MBStations.dwg
CREATED:
MODIFIED: May 23, 2018 - 10:26am MODTIME

Ontario PARSONS IBI

SCALE
20m 0 40m
Horizontal

RETAINING WALL
FILL SECTION
STATION PLATFORM
TRANSITWAY
CUT SECTION
STRUCTURE SECTION
UNDERPASS SECTION

TRAFFIC LANES AND MOVEMENT
EXISTING BUS STOP
STATION BOUNDARY
PROPERTY LINE
SWM POND
HYDRO TOWER
HYDRO CORRIDOR
UTILITY CORRIDOR
WALKWAY/SHARED USE PATH

407 TRANSITWAY
WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STATIONS

HIGHWAY 50 STATION

PLATE
S-5A

DATE
23/05/2018

SCHOOL BOARDS

Toronto Catholic District School Board

80 Sheppard Avenue East
Toronto, ON M2N 6E8

Fax

To:	**George Ivanoff** Senior Environmental Planner LGL	**From:**	**Mario Silva** **Comptroller Planning and Development** **Toronto Catholic District School Board**
Fax:	905 833-1255	**Pages:**	2
Phone:	416 222-8282 Ext 2377	**Date:**	November 3, 2015
Re:	407 Transitway from West of Hurontario	**CC:**	

☐ **Urgent** ☑ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Please see attached

Thank you

Cathy Oliva
Planning and Development Services
Toronto Catholic District School Board
80 Sheppard Avenue East
Toronto, Ontario
M2N 6E8
416 222-82828 Ext. 2377

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Ms. Angela Gauthier
Director of Education
Toronto Catholic District School Board
Catholic Education Centre
80 Sheppard Avenue East
Toronto, Ontario
M2N 6E8

Update contact information if necessary

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☑

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

RECEIVED
NOV 0 3 2015
BY LGL LIMITED

Liz Speller

From: George Ivanoff
Sent: November-12-15 11:11 AM
To: Liz Speller
Subject: Fw: 407 Transitway (Hurontario St to HWY 400)
Attachments: DOC.PDF

From: Koops, Krystina <Krystina.Koops@dpcdsb.org>
Sent: November 12, 2015 10:36:04 AM
To: George Ivanoff
Subject: 407 Transitway (Hurontario St to HWY 400)

Hi George,

Please find attached the commenting form. Only a minor update to the contact information.

Regards,

Krystina Koops, MCIP, RPP
Planner
Dufferin-Peel Catholic District School Board
Phone: (905) 890-0708 ext. 24407
Fax: (905) 890-1557
E-mail: krystina.koops@dpcdsb.org

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. John B. Kostoff
Director of Education
Dufferin-Peel Catholic District School Board
40 Matheson Boulevard West
Mississauga, Ontario
L5R 1C5

Update contact information if necessary
Stephanie Cox
Manager of Planning

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

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Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

UTILITIES

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

RECEIVED
NOV 2 ? 2015

Mr. Brian Duggan
Team Manager, Planning Department
Rogers Cable
244 Newkirk Road
Richmond Hill, Ontario
L4C 3S5

Update contact information if necessary

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☒

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by November 27, 2015:

George Ivanoff
Senior Environmental Planner
LGL Limited
P.O. Box 280, 22 Fisher Street
King City, Ontario L7B 1A6
Tel: 905-833-1244, Fax: 905-833-1255
E-mail: givanoff@lgl.ca

Liz Speller

From: George Ivanoff
Sent: November-26-15 1:15 PM
To: Liz Speller
Subject: Fw: 407 Transitway from Wesr of Hurontario Street to East of Highway 400 G.W.P. 14-20001

From: Claire.Zhang@HydroOne.com <Claire.Zhang@HydroOne.com> on behalf of SecondaryLandUse@HydroOne.com <SecondaryLandUse@HydroOne.com>
Sent: November 26, 2015 10:57 AM
To: George Ivanoff
Cc: maria.agnew@hydroone.com; ierullo@HydroOne.com; w.d.kloostra@HydroOne.com
Subject: 407 Transitway from Wesr of Hurontario Street to East of Highway 400 G.W.P. 14-20001

Dear Mr. Ivanoff,

In our initial review, we have confirmed that Hydro One has high voltage transmission facilities within your study area. At this point in time we do not have enough information about your project to provide you with meaningful input with respect to the impacts that your project may have on our infrastructure. As such, this response does not constitute any sort of approval for your plans and is being sent to you as a courtesy to inform you that we must be consulted on your project.

In addition to the existing infrastructure mentioned above, the affected transmission corridor may have provisions for future lines or already contain secondary land uses (i.e. pipelines, water mains, parking, etc). Please take this into consideration in your planning.

Please allow the appropriate lead-time in your project schedule in the event that your proposed development impacts Hydro One infrastructure to the extent that it would require modifications to our infrastructure.

In planning, please note that developments should not reduce line clearances or limit access to our facilities at any time in the study area of your Proposal. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

The integrity of the structure foundations must be maintained at all times, with no disturbance of the earth around the poles, guy wires and tower footings. There must not be any grading, excavating, filling or other civil work close to the structures.

We reiterate that this message does not constitute any form of approval for your project. Once more details about your plans are known and it is established that your development will affect Hydro One facilities including the rights of way, please submit your plans to:

Maria Agnew,Hydro One Real Estate Management
185 Clegg Road, Markham L6G 1B7
Phone: (905) 946-6275

Maria.Agnew@HydroOne.com

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

Regards,

Claire Zhang

Tel: 416-345-4249
On behalf of
Secondary Land Use
Transmission Asset Management
Hydro One Networks

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Liz Speller

From: Claire.Zhang@hydroone.com on behalf of SecondaryLandUse@hydroone.com
Sent: Friday, January 8, 2016 10:39 AM
To: Amy.Munn@parsons.com
Cc: ierullo@hydroone.com; w.d.kloostra@hydroone.com; rick.schatz@hydroone.com; Gus.Garron@parsons.com
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request
Attachments: 407 TW3 - Areas of Interest (Hydro)_v4.pdf

Hi Amy,

I have reviewed the attached drawing laying out the hydro corridor and the potential impact area of your proposed work. The limits of the hydro corridor are located correctly on the drawing, and I can confirm that there are Hydro high voltage transmission facilities within the boundary of your study area. In terms of aspects including expansion plans, secondary land use requirements, etc., we cannot provide any further inputs at this point due to lack of information received. We will need to see the detailed designs shown on engineering drawings in relation to adjacent hydro facilities in order to give any technical comments and approvals.

Once more details about your plans are known and it is established that your development will affect Hydro One facilities including the rights of way, please submit your plans to:

Rick Schatz, Hydro One Real Estate Management
185 Clegg Road, Markham L6G 1B7
Phone: (905) 946-6233
Rick.Schatz@HydroOne.com

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

Regards,

Claire Zhang
Tel: 416-345-4249

On behalf of

Secondary Land Use
Transmission Asset Management
Hydro One Networks

From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Tuesday, December 08, 2015 3:13 PM
To: SECONDARY LAND USE Department; ZHANG Claire
Cc: IERULLO Tony; KLOOSTRA Walter; SCHATZ Richard; Gus Garron
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Claire,

We have put together some more detailed maps for your reference (attached). They detail the areas where we could be effecting the hydro corridor. If you could identify whether there are any expansion plans, what tower clearances need to be respected and if we have located the limits of the hydro corridor correctly, that would greatly appreciated.

Thanks for your help.
Amy Munn

From: Claire.Zhang@hydroone.com [mailto:Claire.Zhang@hydroone.com] **On Behalf Of** SecondaryLandUse@hydroone.com
Sent: Thursday, November 05, 2015 4:18 PM
To: Amy.Munn@parsons.com
Cc: ierullo@hydroone.com; w.d.kloostra@hydroone.com; rick.schatz@hydroone.com
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Hi Amy,

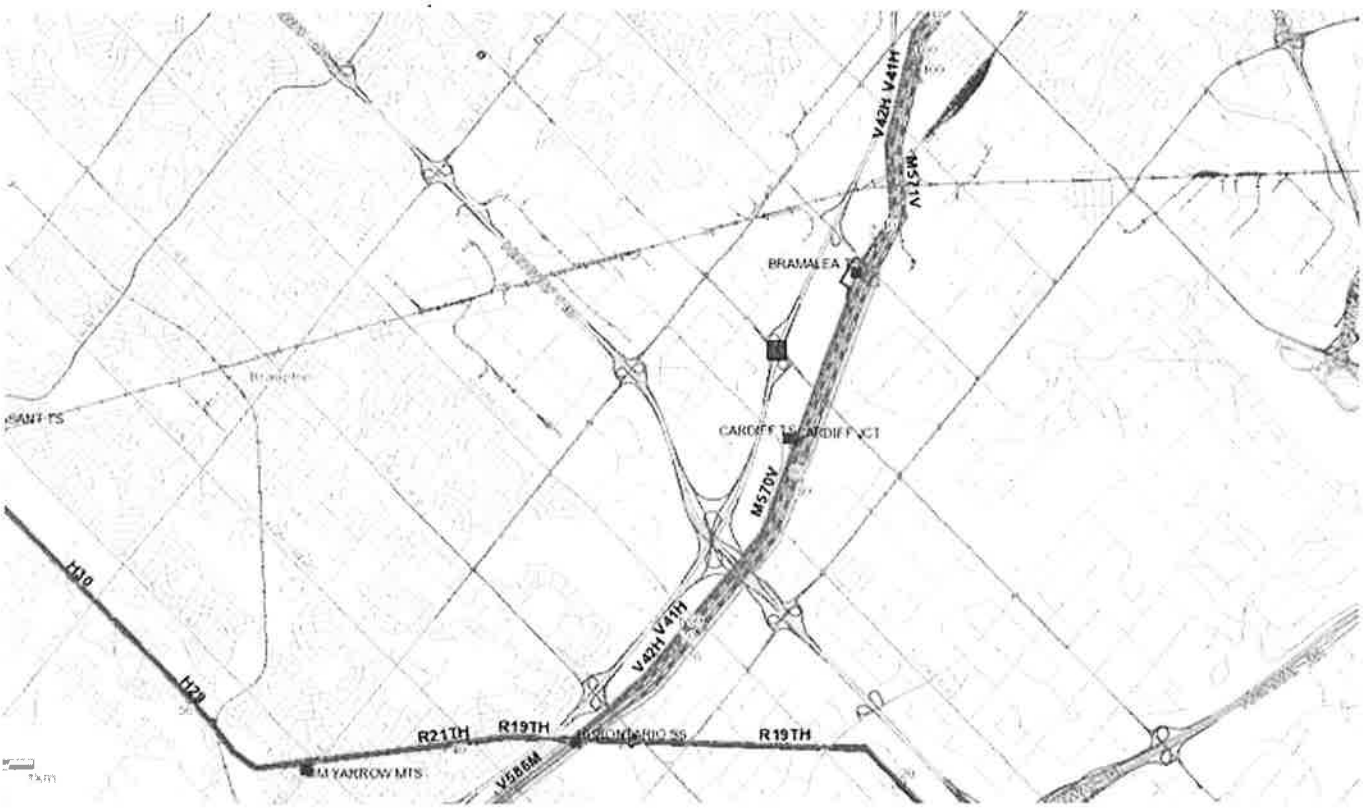
Please see the map below for existing HONI high voltage transmission assets within/adjacent to your study area. The comments at this stage are still preliminary based on the limited information we have received. Once more design details are available, please contact us again for further comments.

Thanks,

Claire Zhang
Tel: 416-345-4249

On behalf of

Secondary Land Use
Transmission Asset Management
Hydro One Networks



From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Wednesday, November 04, 2015 12:48 PM
To: SECONDARY LAND USE Department; Amy.Munn@parsons.com
Cc: SCHATZ Richard; IERULLO Tony; KLOOSTRA Walter
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Ms. Zhang,

Thank you for the email. The project is just beginning the planning phase and as such we don't have any plans that can be shared with you at this time. It would be helpful if you could provide a map (Cad if possible) of the hydro corridor limits and any planned expansion so that it can be taken into account during the planning process. It is our goal to minimize our impact to any Hydro One infrastructure but to do so we need a better definition of where those limits are.

Any help you can provide with this would be greatly appreciated.
Thanks!
Amy Munn

From: Claire.Zhang@hydroone.com [mailto:Claire.Zhang@hydroone.com] **On Behalf Of** SecondaryLandUse@hydroone.com
Sent: Wednesday, November 04, 2015 10:43 AM
To: Amy.Munn@parsons.com
Cc: rick.schatz@hydroone.com; ierullo@hydroone.com; w.d.kloostra@hydroone.com
Subject: FW: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Ms.Munn,

In our initial review, we have confirmed that Hydro One has high voltage transmission facilities within your study area. At this point in time we do not have enough information about your project to provide you with meaningful input with respect to the impacts that your project may have on our infrastructure. As such, this response does not constitute any sort of approval for your plans and is being sent to you as a courtesy to inform you that we must be consulted on your project.

In addition to the existing infrastructure mentioned above, the affected transmission corridor may have provisions for future lines or already contain secondary land uses (i.e. pipelines, water mains, parking, etc). Please take this into consideration in your planning.

Please allow the appropriate lead-time in your project schedule in the event that your proposed development impacts Hydro One infrastructure to the extent that it would require modifications to our infrastructure.

In planning, please note that developments should not reduce line clearances or limit access to our facilities at any time in the study area of your Proposal. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

The integrity of the structure foundations must be maintained at all times, with no disturbance of the earth around the poles, guy wires and tower footings. There must not be any grading, excavating, filling or other civil work close to the structures.

We reiterate that this message does not constitute any form of approval for your project. Once more details about your plans are known and it is established that your development will affect Hydro One facilities including the rights of way, please submit your plans to:

Rick Schatz, Hydro One Real Estate Management
185 Clegg Road, Markham L6G 1B7
Phone: (905) 946-6233
Rick.Schatz@HydroOne.com

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

Regards,

Claire Zhang
Tel: 416-345-4249

On behalf of

Secondary Land Use
Transmission Asset Management
Hydro One Networks

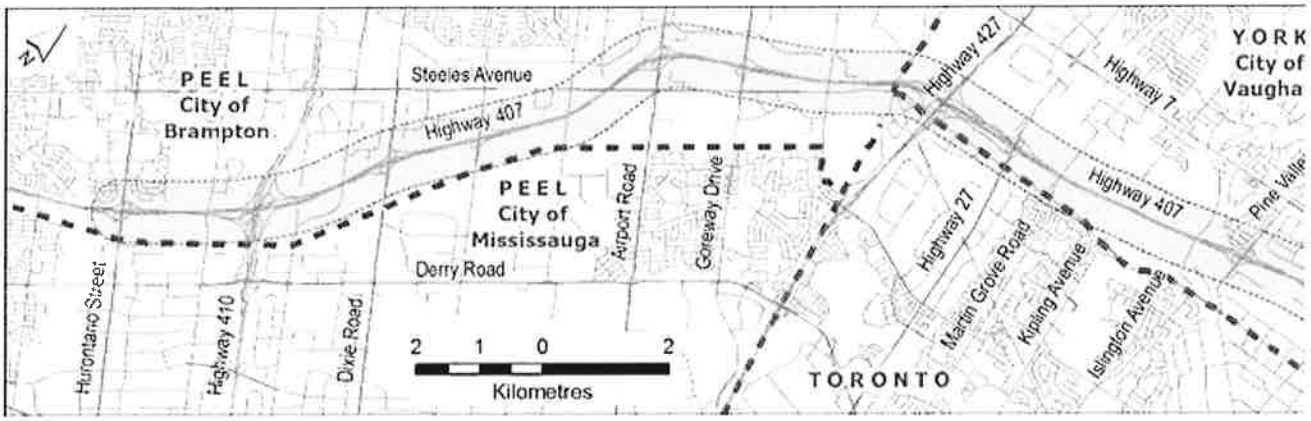
From: Amy Munn [mailto:Amy.Munn@parsons.com]
Sent: Tuesday, November 03, 2015 1:40 PM
To: IERULLO Tony
Cc: amy.li@hydroone.com; 'Gus Garron'
Subject: 407 Transitway - Hurontario Street to Highway 400 | Data Request

Dear Mr. Ierullo

Further to our Notice of Study Commencement Letter sent on Tuesday October 27th, the Ontario Ministry of Transportation (MTO) is commencing the Environmental Assessment, and Preliminary Design of the 407 Transitway from West of Hurontario Street in the City of Brampton to East of Highway 400 in the City of Vaughan. The 407 Transitway will consist of a 23 km. two-lane, fully grade separated road on an exclusive right-of-way, running along the Highway 407 Corridor, and several station sites that will include parking, pick-up/drop-off, bus integration, and active transportation facilities. This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The project is currently in the data collection phase and the purpose of this letter is to request from your authority, any available information and data that may be relevant to the project. Your input with respect to constraints, opportunities, specific concerns, etc. will be most valuable to our project team throughout the study phases. The study area is illustrated in the map below. We have prepared the list shown below, of the data that we hope you will be able to provide; however, any other information that you consider relevant to the project will be most appreciated.

- Tower Clearance Requirements
- Expansion Plans
- Limits of ROW



Key Plan of the Study Area

Please advise if you have any questions. Your support will be greatly appreciated.

Best Regards,

Amy Munn, PEng, BaSC
Project Engineer - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
amy.munn@parsons.com Office: 905.917.3221 – Mobile: 416.939.3054

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From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: September 13, 2016 1:58 PM
To: DeRose, Graham (MTO)
Cc: Grace, Patrick (IO)
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi Graham,

I just heard back from our planning engineers.

Current plans are for the new Hurontario x Milton 230kV lines in early 2020s. That said, there are no current drawings or other documentation that we can provide to MTO at this time.

I have been advised that as long as MTO keeps clear of the HON easement lands we should generally be fine with that. We would request that MTO provide us with their plans (you should consider concept plans first) that we could review for potential conflicts with the proposed transmission lines. This is what we did with Enbridge when they constructed their most recent pipeline along the corridor.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Tuesday, September 13, 2016 8:14 AM
To: SCHATZ Richard
Cc: Grace, Patrick (IO)
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Good Morning Rick,

Thank you for the follow-up. Any information you are able to provide MTO would be very beneficial.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: September 12, 2016 2:21 PM
To: DeRose, Graham (MTO)
Cc: Grace, Patrick (IO)
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi Graham,

I haven't forgotten about this request. I am still trying to obtain some info for you.

Regards,

Rick

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Tuesday, September 06, 2016 3:09 PM
To: SCHATZ Richard
Cc: Grace, Patrick (IO)
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Good Afternoon Richard,

Thank you for the important information. Would it be possible for MTO to obtain a digital copy (AutoCAD) of the new 230kV lines being planned along the south and north limit of the hydro corridor in the vicinity of Hurontario Street?

Also, could you provide any Environmental Assessment (EA) documentation for these new hydro lines? It would be extremely useful in evaluating the 407 Transitway station and alignment options within our on-going EA.

I attended a meeting at Hydro One on June 15th regarding the Metrolinx new 407 Corridor-Technical Review of a new rail by-pass. It was attended by Mike Penstone, Jacquie Davidson and Bing Young (and others) from Hydro One. At this meeting, Hydro One staff agreed to share near term and future plans digitally with Metrolinx. MTO would like to obtain the same data to help with our 407 Transitway assignment.

MTO will continue to include you as the contact for Hydro One for the on-going 407 Transitway EA assignments.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: September 6, 2016 1:22 PM
To: DeRose, Graham (MTO)
Cc: Grace, Patrick (IO)
Subject: FW: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi Graham,

I was part of the above subject meeting but I had joined remotely and did not have any of the drawings in front of me. The attached drawing was sent to me subsequent to the meeting. The drawing shows a number of transit way options in green that run longitudinally along the south end of our hydro corridor. I just wanted to let you know that Hydro One is planning a future 230kV line along the south limit of our corridor and for that reason none of those options would work.

I am your contact at Hydro One for any proposed works on the hydro corridor at this vicinity. With the ongoing discussions with Metrolinx for their LRT MSF site and MTO and its proposed Station options, it is of upmost importance that Hydro One is involved in the review for anything proposed within our corridor.

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kelly, Rita (IO) [mailto:Rita.Kelly@infrastructureontario.ca]
Sent: Thursday, August 18, 2016 3:08 PM
To: Grace, Patrick (IO); SCHATZ Richard
Subject: FW: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Please see attached

From: Munn, Amy [mailto:Amy.Munn@parsons.com]
Sent: Thursday, August 18, 2016 2:40 PM
To: Kelly, Rita (IO) <Rita.Kelly@infrastructureontario.ca>
Subject: RE: 407 Transitway Hurontario to Hwy 400 - Metrolinx Discussion- Meeting Minutes 2016-08-04

Hi Rita,

Sorry for the delay. Please see attached.

Liz Speller

From: Kerslake, Holly
Sent: Thursday, May 11, 2017 7:40 PM
To: rick.schatz@HydroOne.com
Cc: Garron, Gus; Robb Minnes; DeRose, Graham (MTO)
Subject: RE: Transit Corridor along Hwy 407 -Hurontario to Hwy 400 - Hydro One Review Requirements

Great, thanks Rick!

We will let you know if we have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Thursday, May 11, 2017 12:32 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 -Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

Further to my message below, I know that there were few questions that you had for HONI (ie what will be the voltage of the proposed new south transmission line). If you have any questions like this, please include them in a letter and we will try our best to answer them while we complete our review.

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: SCHATZ Richard
Sent: Thursday, May 11, 2017 12:21 PM
To: Kerslake, Holly (Holly.Kerslake@parsons.com)
Subject: Transit Corridor along Hwy 407 -Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

I have provided two attachments that will help you understand HONI's general technical requirements and will provide guidance when preparing plans for HONI's review. You can also peruse the following website for further details:

The first attachment provides details of what drawings we need to see and what we expect to see on the drawings. I have highlighted those items that we will need to see as they relate to conceptual drawings.

Please ensure we receive three hard copies (folded) and one electronic copy in PDF. Please ensure that we only receive drawings that show an impact to our hydro corridor. Where there is a longitudinal access requirement along the edge of the corridor please ensure to show the extent (width) of the access that is proposed to be located on the corridor and what will be off the corridor).

If you have any question please let me know.

Regards

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Facilities and Real Estate
P.O. Box 4300 (185 Clegg Road)
Markham, Ont. L3R 5Z5

Tel: 905-946-6233
Cell: 416-735-2909
E-mail: Rick.Schatz@HydroOne.com
www.HydroOne.com[hydroone.com]

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Liz Speller

From:	Kerslake, Holly
Sent:	Tuesday, May 16, 2017 5:52 PM
To:	Rita.Kelly@infrastructureontario.ca; Patrick.Grace@infrastructureontario.ca; enza.cancilla@HydroOne.com; 'rick.schatz@HydroOne.com'; Gian.Minichini@HydroOne.com; rossella.fazio@HydroOne.com; Ernest.Abraham@infrastructureontario.ca; Erasmus, Jordan (IO); Midgley, Scott (IO); 'lou.fortini@hydroone.com'
Cc:	Firmani, Adrian (MTO); 'DeRose, Graham (MTO)'; Leung, Winnie; Garron, Gus; Sarris, Larry (MTO); 'Robb Minnes'
Subject:	RE: 407 Transitway (Hurontario Street to Hwy 400) - Hydro & IO Discussions
Attachments:	2017.05.09 - Hydro One Meeting - Presentation.pdf; 2017.05.16 - MTO Hydro One - Meeting Minutes.pdf

All,

Please see attached the meeting minutes and presentation slides from the meeting held on May 9th, 2017.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: Kerslake, Holly
Sent: Thursday, April 20, 2017 4:50 PM
To: Kerslake, Holly; Rita.Kelly@infrastructureontario.ca; Patrick.Grace@infrastructureontario.ca; Robb Minnes; enza.cancilla@HydroOne.com; rick.schatz@HydroOne.com; Garron, Gus; Sarris, Larry (MTO); Leung, Winnie; DeRose, Graham (MTO); Gian.Minichini@HydroOne.com; rossella.fazio@HydroOne.com; Ernest.Abraham@infrastructureontario.ca
Cc: Erasmus, Jordan (IO); Midgley, Scott (IO); Firmani, Adrian (MTO)
Subject: 407 Transitway (Hurontario Street to Hwy 400) - Hydro & IO Discussions
When: Tuesday, May 09, 2017 10:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: 483 Bay Street, Toronto - CONF RM: 07-E TCT07-SOUTH

Please follow guests instructions below for access.

Upon arrival at the lobby of the South Tower

- Arriving guests will check in at the Information Desk.
- The sponsor (Rick Schatz) will be contacted and are required to meet their guest on the ground floor South Tower lobby.

- Guests will be required to provide a government issued photo ID as proof of identity in order to receive a visitor pass.
- Visitor access cards will be worn on a red lanyard.
- Photo ID will be returned to the visitor when they check-out at the Information Desk

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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www.parsons.com | LinkedIn | Twitter | Facebook

From: Kerslake, Holly
Sent: Monday, August 14, 2017 7:54 PM
To: rick.schatz@HydroOne.com
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus; Leung, Winnie
Subject:RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Ok great, thanks Rick. Our office is just down the road from you so it's almost easier for us to just drop off the drawings in person rather than via courier.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Monday, August 14, 2017 4:09 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Thanks Holly,

The drawings should be full sized scalable drawings. You can certainly drop them off at my office. My coordinates follow:

Richard (Rick) Schatz, SR/WA
Senior Real Estate Coordinator

Postal Address:
Hydro One Networks Inc.
Facilities and Real Estate
P.O. Box 4300
Markham, Ont. L3R 5Z5

Courier Address:
Hydro One Networks Inc.
Facilities and Real Estate
185 Clegg Road
Markham, ON L6G 1B7

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Monday, August 14, 2017 3:20 PM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus;

Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Thanks Rick, we will make the change and resend you the drawing package. For the hardcopies, what size would you like them printed? We can drop them off at your offices – I believe you are located up in Markham near us (Hwy 7 & 404).

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Monday, August 14, 2017 11:21 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

I'm now back from vacation.

The drawings appear to show the distances of the centre line of the transit corridor to the closest edge of the nearest transmission towers. It is more important that we know the distance from the closest edge of the transit corridor to the closest edge of the nearest transmission towers. Can you please make that change?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Thursday, August 10, 2017 5:31 PM
To: SCHATZ Richard
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Robb Minnes; Garron, Gus; Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Rick,

Please see the attached drawings highlighting the proposed 407 Transitway impacts to the Hydro

Corridor for Hydro One's review. As per your request, I have also mailed 3 Hardcopies to the address noted below.

Hydro One Networks Inc.
Facilities and Real Estate
P.O. Box 4300 (185 Clegg Road)
Markham, Ont. L3R 5Z5
Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

Liz Speller

From: Liz Speller
Sent: December-09-17 9:25 AM
To: Liz Speller
Subject: FW: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

From: Kerslake, Holly
Sent: Friday, December 01, 2017 11:34 AM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

No problem Rick – I believe Parsons also changed the FTP site a week or so ago which could be contributing to the problem. On the new site, you need to create a login – it will come as a separate email with the instructions to access. I'll send it to you in the next few minutes (it comes from the site directly) – let me know if you have any issues.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, December 01, 2017 10:20 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly

The link you provided no longer appears to work. The link has been sent to staff to access the drawings for our circulation. Is there any chance you can reactivate it for at least another month?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, October 31, 2017 2:53 PM

To: SCHATZ Richard
Cc: Garron, Gus; Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Hi Rick,

Please see below a link to the revised drawings. Due to late revisions to the station layouts we were not able to get these to you sooner.

https://parsons.sharefile.com/d-s531317c902f48c39[parsons.sharefile.com]

Let me know if you have any questions or concerns. A Parsons staff member will drop off hardcopies of the PDF's to you sometime tomorrow – please confirm if it is ok to leave these with reception again.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, September 20, 2017 2:10 PM
To: rick.schatz@HydroOne.com
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Understood Rick. We are working on finalizing the layouts and *should* hopefully have them to you by the end of this week.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Wednesday, September 20, 2017 9:20 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

Do you have any idea when the final layouts will be ready? I just afraid that our team won't want to review something that will likely change as we need to send people out to look.

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, September 19, 2017 8:20 PM
To: SCHATZ Richard
Cc: Garron, Gus; Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Rick,

Sorry about that – we should have clarified. The alignment which was included previously (in the submission on August 23) is the correct alignment. The station layouts which were sent on Friday are preliminary layouts which were developed previous to the final alignment – which explains the difference. We are still working on the final station layouts and will provide them to you once they are finished. The preliminary layouts sent Friday are more to give you an idea of what level of detail we are including etc. Once the final layouts are ready, we will clarify the transit stop locations/structures etc.

Sorry for the confusion – please let me know if you have any additional questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, September 15, 2017 1:27 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Thanks Holly!

I noticed that the alignments of the transit way shown in the two attached drawings are slightly different. There is far greater impact to the hydro corridor on the sketch showing the station. The drawings need to show the same alignment, or you need to provide me with clarification. Also the area highlighted in grey at what appears to be the

transit stop in the station drawing, can you please elaborate what you intend to construct here? Will there be structures? If so what would be anticipated?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, September 15, 2017 12:49 PM
To: SCHATZ Richard
Cc: Garron, Gus; Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Rick,

Please see responses below.

1. Please confirm the usage of the transit corridor (what kind of vehicles will be using it?) and provide typical cross sections if possible.
   - BRT would be the technology with a very slight possibility for eventual conversion to LRT technology in the future (not likely). Two typical cross sections are attached for your information.

2. On profile drawings the transitway (and stations) is shown to go underground. Please clarify whether tunnel or open cut will be used and provide details (e.g. cross-sections, construction procedures and etc.)
   - Cut and cover crossing the Hydro Corridor where underground.

3. Please provide details for stations.
   - Initial layouts attached (2017-06-29 Hurontario Station 2C.pdf, 2017-05-25 Goreway Station, 2017-05-25 Pine Valley Station.pdf).

Thanks! Please give me a call if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Monday, September 11, 2017 9:02 PM
To: rick.schatz@HydroOne.com
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Thanks Rick!

No problem, we will revise/provide the additional information requested below.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, September 08, 2017 8:54 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

Our engineers who are reviewing the drawings have requested additional information as follows:

1. Please confirm the usage of the transit corridor (what kind of vehicles will be using it?) and provide typical cross sections if possible.
2. On profile drawings the transit way (and stations) is shown to go underground. Please clarify whether tunnel or open cut will be used and provide details (e.g. cross-sections, construction procedures and etc.)
3. Please provide details for stations.

Can you please provide drawings and / or details as requested?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Wednesday, August 23, 2017 10:56 AM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca; r.minnesconsulting@gmail.com; Garron, Gus; Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Rick,

Please see below a link to the revised drawings. We would like to drop-off hardcopies of the drawings today to your office – is it ok just to leave them at reception? Please advise.

https://parsons.sharefile.com/d-s48c4bebaa5640bba[parsons.sharefile.com]

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

Liz Speller

From: Kerslake, Holly
Sent: December-05-17 4:14 PM
To: 'sabbir.saiyed@peelregion.ca'
Cc: Garron, Gus; Leung, Winnie; 'DeRose, Graham (MTO)'; 'Sarris, Larry (MTO)'
Subject: FW: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Conflict with Peel Proposal

Hello Sabbir,

Please see Rick Schatz from Hydro One's email below in regards to an access proposal recently received from Peel Region. Would it be possible to get a copy of this report so we can better understand the potential conflict?

Please give me a call if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, December 01, 2017 11:55 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Conflict with Peel Proposal

Hi Holly,

The Hurontario station proposal is conflicting with a permanent access proposal we recently received from Peel Region. Peel now wants a contact person to discuss the Transitway Project. Can you please suggest the appropriate person who can handle this enquiry?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

December 13, 2017

Hi Holly

I have forwarded your response to our engineering group. If there is a problem with it and they still want more details I will let you know.

I have attached a sketch provided to me by the Region showing the proposed driveway access, which is partially along HONI's existing driveway access to our Transformer site. The issue on our side is that IO won't grant a permanent easement to the Region now that they know the Transit way will ultimately impact this access road.

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, December 12, 2017 4:34 PM
To: SCHATZ Richard
Cc: DeRose, Graham (MTO); Garron, Gus; Leung, Winnie
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Questions about construction methods

Hi Rick,

Could you please indicate to your engineers that the level at which our design will only be reaching 15%. Details of excavation and support methods will be addressed in the Detail Design Phase, to be developed shortly before construction. At this point in time it is uncertain when Detailed Design/Implementation will be happening, as explained in the TRG meeting. What we can do now is include a note in all drawings where excavation is proposed within the Hydro Corridor, if this is acceptable to you.

The note could read: *"During the Design/Construction Phase, the contractor shall consult and get approval from Hydro One regarding the support methods being proposed, and the distance of the edge of cut to the nearest tower footing"* .

Secondly, we have reached out to Peel Region regarding your email sent December 1 (attached). We have asked for a copy of the recent proposal so we can better understand the potential conflict. I haven't received a response yet.

Please let us know if this approach is fine. Please remember this is only an Environmental Assessment, based on conceptual, functional and preliminary design.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Monday, December 11, 2017 3:20 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Questions about construction methods

Hi Holly,

We are still completing the technical review of your drawings for this project.

Our engineers have requested preliminary details about constructing methods. Specifically, what will be the method of constructing the tunnels? If it's going to be the cut method, please include details of the excavation and support methods and the distance of the edge of cut to our nearest tower footings.

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

December 18, 2017

Hi Rick,

The package sent to Pat and Rita was the same package provided to Hydro One late October 2017 (and reuploaded December 1st, 2017). At this point in time, it is our recommendation that all parties review the details included in the Draft EPR document which was submitted this past Friday. This report (specifically **Chapter 5**) contains all details associated with the station facilities as well as the location of Hydro's lands and towers etc.

Please advise.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Monday, December 18, 2017 2:32 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; Rita.Kelly@infrastructureontario.ca; Patrick.Grace@infrastructureontario.ca; lspeller@lgl.ca; Graham.DeRose@ontario.ca
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

I understand that the drawings you included in your submission to Rita and Pat did not include all the details about the stations (parking lots, SWMP's, internal driveways etc.) that you included in the drawings submitted to Hydro One.

IO is interested in reviewing them as well. Is it possible to provide them to Pat and Rita?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Monday, December 18, 2017 2:07 PM
To: SCHATZ Richard
Cc: Garron, Gus; Leung, Winnie; Rita.Kelly@infrastructureontario.ca; Patrick.Grace@infrastructureontario.ca; Liz Speller; DeRose, Graham (MTO)
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Rick,

No problem – I have added them to the folder.

Rita/Pat – please let me know if you have any issues retrieving the files. You should have received an automated email from the Parsons FTP a minute or two ago with instructions.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, December 15, 2017 2:39 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; Rita.Kelly@infrastructureontario.ca; Patrick.Grace@infrastructureontario.ca
Subject: RE: Transit Corridor along Hwy 407 - Hurontario to Hwy 400 - Hydro One Review Requirements

Hi Holly,

Can you please send a link to Rita and Pat at IO and include the drawings that you had submitted to HONI?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: December-20-17 5:13 PM
To: rick.schatz@HydroOne.com
Cc: Liz Speller; Garron, Gus; DeRose, Graham (MTO)
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Rick,

The EPR files have been uploaded to the Parsons FTP for your retrieval (you should have received an automated email a couple minutes ago).

Let me know if you have any issues!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, December 20, 2017 1:32 PM
To: rick.schatz@HydroOne.com
Cc: lspeller@lgl.ca; Garron, Gus <Gus.Garron@parsons.com>
Subject: Re: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Sure no problem Rick! I am out of the office right now at a meeting but will upload it later today.

Holly

Holly Kerslake
Cell: 647-467-8379

On Dec 20, 2017, at 1:29 PM, "rick.schatz@HydroOne.com" <rick.schatz@HydroOne.com> wrote:

> Unfortunately, I tried this link as well and it won't let me in. As soon as I click on it, I get the "Unauthorized" message.
>
> FYI This is not the first time I had this problem. I don't know if it's the firewall in this building, because in some instances, other HONI staff in other buildings could open the link.
>
> Is it possible to send it to me through the Parsons Sharefile site? I seem to be able to open that one.
>
> Thanks
>
> **Rick**

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: Wednesday, December 20, 2017 1:01 PM
To: Kerslake, Holly; SCHATZ Richard
Cc: Garron, Gus
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Rick,

Can you try the link below (with username and password) and see if it works? Please let me know if you're still having trouble accessing the files.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Thanks, Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Mobile: 416-425-3641
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: December-20-17 12:13 PM
To: rick.schatz@HydroOne.com
Cc: Liz Speller <lspeller@lgl.ca>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Rick,

Can you specify which files will not open or is it that you cannot log onto the website/the link won't open. It seems to work from my computer which is why I ask.

Please advise so we can address this asap! Thanks for letting us know and our apologies.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Wednesday, December 20, 2017 11:41 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Holly,

I can't open the attachment. This is what I get when I open it.
<image001.jpg>
Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, December 15, 2017 5:19 PM
To: steve.mota@york.ca; Lafleur, Chris; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO); Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay; Jeff Booker; michael.vallins@cn.ca; Dagssie, Yves (MOECC); Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent.white@cn.ca; Suzanne Bevan; Rita.Kelly@infrastructureontario.ca; Wang, Hank; javier.mena.diep@metrolinx.com; Stephanie Segreti; dmrkela@407etr.com; Rieger, Doug; Mohammad, Ghazanfar; rbacquie@407etr.com; Shahrokni, Mani; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William; Funnell, Emily (MNRF); SCHATZ Richard; Makael Kakakhel; slingeRTAT@trca.on.ca; Lorna Zappone; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO); steven.strong@ontario.ca; ben.keen@ontario.ca; MINICHINI Gian; Goolsarran, Mario; mark.hanlan@york.ca; Bernard Au; Javier Mena Diep; Michael Batt; Hanlon, Mark
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Kulathinal, Rina (MTO); Firmani, Adrian (MTO); Mcgill, John; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Liz Speller; Allan Ortlieb; 'Scott Johnston'
Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Importance: High

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Hello Everyone,

As discussed at last Friday's Technical Resource Group meeting, a Draft of the Environmental Project Report (EPR) for the 407 Transitway (west of Hurontario Street to east of Highway 400) has been uploaded for your review and comment. **Comments to this report are due by COB Friday January 24th, 2018**. Please note that the following specialist reports are not included in today's submission:

- **Appendix J: Air Quality**. Report still being completed and will be submitted to Stakeholders for review and comment once completed.
- **Appendix H: Cultural Heritage Evaluation Reports (CHERs)**. Reports still being completed and will be submitted to Stakeholders for review and comment once completed.

- **Appendix F: Heritage Impact Assessment Reports (HIAs)**. Any required HIA's (based on results of the CHERs) will be submitted to Stakeholders for review and comment once completed.
- **Appendix P: Stage 2 Archaeology Report**. Field investigations are ongoing. This report will be included in the Final EPR document.

Website Link:
http://www.407transitway.com/stakeholders/hurontarioTo400/stakeholders.html[407transitway.com]

User Name: stakeholder
Password: kH_5*jr

Please advise if you have any issues retrieving any files. If you have any questions regarding the Draft EPR document contents, please feel free to contact any of the following project team members:

- **Gus Garron, Parsons Technical Project Manager**. Gus.Garron@Parsons.com. 905-943-0500.
- **Graham DeRose, MTO Project Manager.** Graham.DeRose@ontario.ca. 416-235-5255.
- **Holly Kerslake, Parsons Project Coordinator.** Holly.Kerslake@Parsons.com. 905-943-0446.

Please 'cc' the above noted on all formal comment submissions.

Thank-you! Your participation is much appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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<image001.jpg>

From: Liz Speller
To: "philip.wu@HydroOne.com"
Cc: "DeRose, Graham (MTO)"; Sarris, Larry (MTO); Garron, Gus; Kerslake, Holly; Grant Kauffman
Subject: RE: 407 Transitway, Hurontario Street to Highway 400 - EA impact
Date: April-11-18 7:51:00 AM

Dear Mr. Wu,

Thank you for your email dated January 12, 2018 outlining Hydro One's facilities/requirements in response to the Public Information Centre #2 notification letter for the 407 Transitway from west of Hurontario Street to east of Highway 400.

Please note that the 407 Transitway Project Team has been corresponding with various representatives from Hydro One throughout the study, and several meetings have taken place with Hydro One staff. In addition, representatives from Hydro One have participated in the Technical Resource Group for this project. Drawings outlining the proposed 407 Transitway impacts to the Hydro One corridor were submitted to Rick Schatz (Senior Real Estate Coordinator) for review/comment in the summer and fall of 2018. The Draft Environmental Project Report for this project was also made available for review to all Technical Resource Group members (including Rick Schatz and Gian Minichini at Hydro One) on December 15, 2018.

We will continue to correspond with Hydro One throughout the study and will ensure that you remain on the project contact list to receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Please let me know if you have any questions or would like any further information about the 407 Transitway study.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: philip.wu@HydroOne.com [mailto:philip.wu@HydroOne.com]
Sent: Friday, January 12, 2018 10:26 AM
To: gkauffman@lgl.com; graham.derose@ontario.ca; larry.sarris@ontario.ca; john.mcgill@parsons.com

Cc: enza.cancilla@HydroOne.com; Gian.Minichini@HydroOne.com
Subject: 407 Transitway, Hurontario Street to Highway 400 - EA impact

Dear Grant Kauffman, Graham DeRose, Larry Sarris and John McGill,

In our initial review, we have confirmed that Hydro One has high voltage transmission facilities within your study area. At this point in time we do not have enough information about your project to provide you with meaningful input with respect to the impacts that your project may have on our infrastructure. As such, this response does not constitute any sort of approval for your plans and is being sent to you as a courtesy to inform you that we must be consulted on your project.

In addition to the existing infrastructure mentioned above, the affected transmission corridor may have provisions for future lines or already contain secondary land uses (i.e. pipelines, water mains, parking, etc). Please take this into consideration in your planning.

Please allow the appropriate lead-time in your project schedule in the event that your proposed development impacts Hydro One infrastructure to the extent that it would require modifications to our infrastructure.

In planning, please note that developments should not reduce line clearances or limit access to our facilities at any time in the study area of your Proposal. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

The integrity of the structure foundations must be maintained at all times, with no disturbance of the earth around the poles, guy wires and tower footings. There must not be any grading, excavating, filling or other civil work close to the structures.

We reiterate that this message does not constitute any form of approval for your project. Once more details about your plans are known and it is established that your development will affect Hydro One facilities including the rights of way, please submit your plans to:

Enza Cancilla, Hydro One Real Estate Management
185 Clegg Road, Markham L6G 1B7
Phone: (416) 345-5892
Enza.Cancilla@HydroOne.com

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

Regards,

Liping Wu (Philip) P.Eng

Network Management Engineer
Secondary Land Use, Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.
483 Bay St. | North Tower | 13th Floor
Toronto, ON | M5G 2P5
Tel: 416.345.6666
Email: Philip.Wu@HydroOne.com

On behalf of
Secondary Land Use
Strategy & Integrated Planning
Hydro One Networks

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Liz Speller

From: Liz Speller
Sent: May-10-18 1:12 PM
To: 'Jenny.SEO@HydroOne.com'
Cc: 'enza.cancilla@HydroOne.com'; 'SecondaryLandUse@HydroOne.com'; 'DeRose, Graham (MTO)'; Sarris, Larry (MTO); Bishop, Chris; Kerslake, Holly; Garron, Gus
Subject: FW: 407 Transitway from West of Huontario Street to East of Highway 400 TPAP, G.W.P. 14-20001 - EA - impact

Dear Ms. Seo,

Thank you for your email dated May 8, 2018 outlining Hydro One's facilities/requirements in response to the TPAP commencement notification letter for the 407 Transitway from west of Hurontario Street to east of Highway 400.

Please note that the 407 Transitway Project Team has been corresponding with various representatives from Hydro One throughout the study, and several meetings have taken place with Hydro One staff. In addition, representatives from Hydro One have participated in the Technical Resource Group for this project. Drawings outlining the proposed 407 Transitway impacts to the Hydro One corridor were submitted to Rick Schatz (Senior Real Estate Coordinator) for review/comment in the summer and fall of 2017. The Draft Environmental Project Report for this project was also made available for review to all Technical Resource Group members (including Rick Schatz and Gian Minichini at Hydro One) on December 15, 2017.

We will continue to correspond with Hydro One throughout the study and will ensure that you remain on the project contact list to receive all future correspondence including notification of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Please let me know if you have any questions or would like any further information about the 407 Transitway study.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Jenny.SEO@HydroOne.com [mailto:Jenny.SEO@HydroOne.com]
Sent: May 8, 2018 1:36 PM
To: DeRose, Graham (MTO); Sarris, Larry (MTO); chris.bishop@parsons.com; gkauffman@lgl.com
Cc: enza.cancilla@HydroOne.com; SecondaryLandUse@HydroOne.com
Subject: 407 Transitway from West of Huontario Street to East of Highway 400 TPAP, G.W.P. 14-20001 - EA - impact

Dear Graham DeRose, Christ Bishop, Larry Sarris and Grant N. Kauffman;

In our initial review, we have confirmed that Hydro One has high voltage transmission facilities within your study area. At this point in time we do not have enough information about your project to provide you with meaningful input with respect to the impacts that your project may have on our infrastructure. As such, this response does not constitute any sort of approval for your plans and is being sent to you as a courtesy to inform you that we must be consulted on your project.

In addition to the existing infrastructure mentioned above, the affected transmission corridor may have provisions for future lines or already contain secondary land uses (i.e. pipelines, water mains, parking, etc). Please take this into consideration in your planning.

Please allow the appropriate lead-time in your project schedule in the event that your proposed development impacts Hydro One infrastructure to the extent that it would require modifications to our infrastructure.

In planning, please note that developments should not reduce line clearances or limit access to our facilities at any time in the study area of your Proposal. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

The integrity of the structure foundations must be maintained at all times, with no disturbance of the earth around the poles, guy wires and tower footings. There must not be any grading, excavating, filling or other civil work close to the structures.

We reiterate that this message does not constitute any form of approval for your project. Once more details about your plans are known and it is established that your development will affect Hydro One facilities including the rights of way, please submit your plans to:

Transmission Contact:

Enza Cancilla, Hydro One Real Estate Management
185 Clegg Road, Markham L6G 1B7
Phone: (416) 345-5892
Enza.Cancilla@HydroOne.com

Please note that the proponent will be held responsible for all costs associated with modification or relocation of Hydro One facilities, as well as any added costs that may be incurred due to increase efforts to maintain our facilities.

Regards,

Jenny

Jenny SEO
Network Management Officer, Secondary Land Use

Hydro One Networks Inc.
483 Bay St. | North Tower | 13th Floor
Toronto, ON | M5G 2P5

Tel: 416.345.5676
Email: Jenny.Seo@Hydroone.com

www.HydroOne.com

Liz Speller

From: Kerslake, Holly
Sent: April-13-18 12:03 PM
To: 'rick.schatz@HydroOne.com'
Cc: Leung, Winnie; Garron, Gus
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Rick,

Just following up to the email below. Let us know if you need anything from us.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com <rick.schatz@HydroOne.com>
Sent: Monday, March 12, 2018 2:55 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Holly,

The drawings have been sent out for review. I will get back to you once I have alreasponses back.

Rick

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, March 02, 2018 11:26 AM
To: SCHATZ Richard
Cc: Leung, Winnie; Garron, Gus
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Rick,

I am just following up to see if you have any questions or concerns with the information sent a couple weeks ago. Please let us know if you need anything from us.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Monday, February 12, 2018 2:31 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Thanks Holly,

I have everything now!

Rick

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Monday, February 12, 2018 2:22 PM
To: SCHATZ Richard
Cc: Leung, Winnie; Garron, Gus
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Rick,

Just confirming you have received the hardcopies of the drawings – they were dropped off to your offices this past Friday. I have also uploaded the PDF's to the Parsons ShareFile site just in case (you should have received an automated email).

Let me know if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Thursday, February 08, 2018 3:17 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: Leung, Winnie <Winnie.Leung@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Rick,

My apologies, we will send over the drawings asap.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Wednesday, February 07, 2018 10:58 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Holly,

Sorry I have been waiting for the hard copy submission. Please send me three hard copies (folded) of any revised drawing. To save us time, please show "bubbles" around the areas where changes have been made so that we can focus on those changes in our review.

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Facilities and Real Estate
185 Clegg Road
Markham, Ont. L6G 1B7

Tel: 905-946-6233
Cell: 416-735-2909
E-mail: Rick.Schatz@HydroOne.com
www.HydroOne.com[hydroone.com]

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, January 26, 2018 10:54 AM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Rick,

Please see attached our response to your **comments provided on January 12th, 2018** in regards to the 407 Transitway Alignment (west of Hurontario to east of Highway 400). Additionally, I have uploaded a revised drawing package as well as the grading drawings to the Parsons FTP site for your review (you should receive a separate automated email with a link).

Please advise if Hydro One is satisfied with the responses or if you would like us to arrange a meeting between Hydro One and the Project Team.

Thanks again for taking the time to review and comment on our project, your involvement and feedback is greatly appreciated.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, January 12, 2018 1:57 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

OK, thanks Holly,

I had already told our Asset Optimization group that you will likely be requesting a meeting. I will wait for your response and proceed from there.

Have a nice weekend.

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, January 12, 2018 1:55 PM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

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Thanks Rick. We are discussing internally and preparing a response for Hydro – we will have something to you early next week. Depending on our response, we may want to set up a meeting with you and others to review/discuss, just as a heads-up.

Thanks again and have a great weekend!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

Liz Speller

From: Kerslake, Holly
Sent: January-15-18 6:33 PM
To: rick.schatz@HydroOne.com
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Rick,

Just to give you a heads up, we are working on preparing responses to your comments this week. That being said, it will be closer to end of this week/early next week before responses are ready.

Just wanted to let you know as I indicated early this week Friday. Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, January 12, 2018 1:55 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Thanks Rick. We are discussing internally and preparing a response for Hydro – we will have something to you early next week. Depending on our response, we may want to set up a meeting with you and others to review/discuss, just as a heads-up.

Thanks again and have a great weekend!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: Friday, January 12, 2018 1:47 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

Hi Holly,

I need to let you know that the attached comments are based on the drawings submitted, which showed a Bus Rapid Transit alignment. These comments are specific to that purpose.

If you require comments from the perspective of the alignment being an LRT, then you will need to provide drawings with an LRT alignment and schematics of the LRT system. Please understand that an LRT alignment could pose additional clearance concerns and possibly other electrical issues.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

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Liz Speller

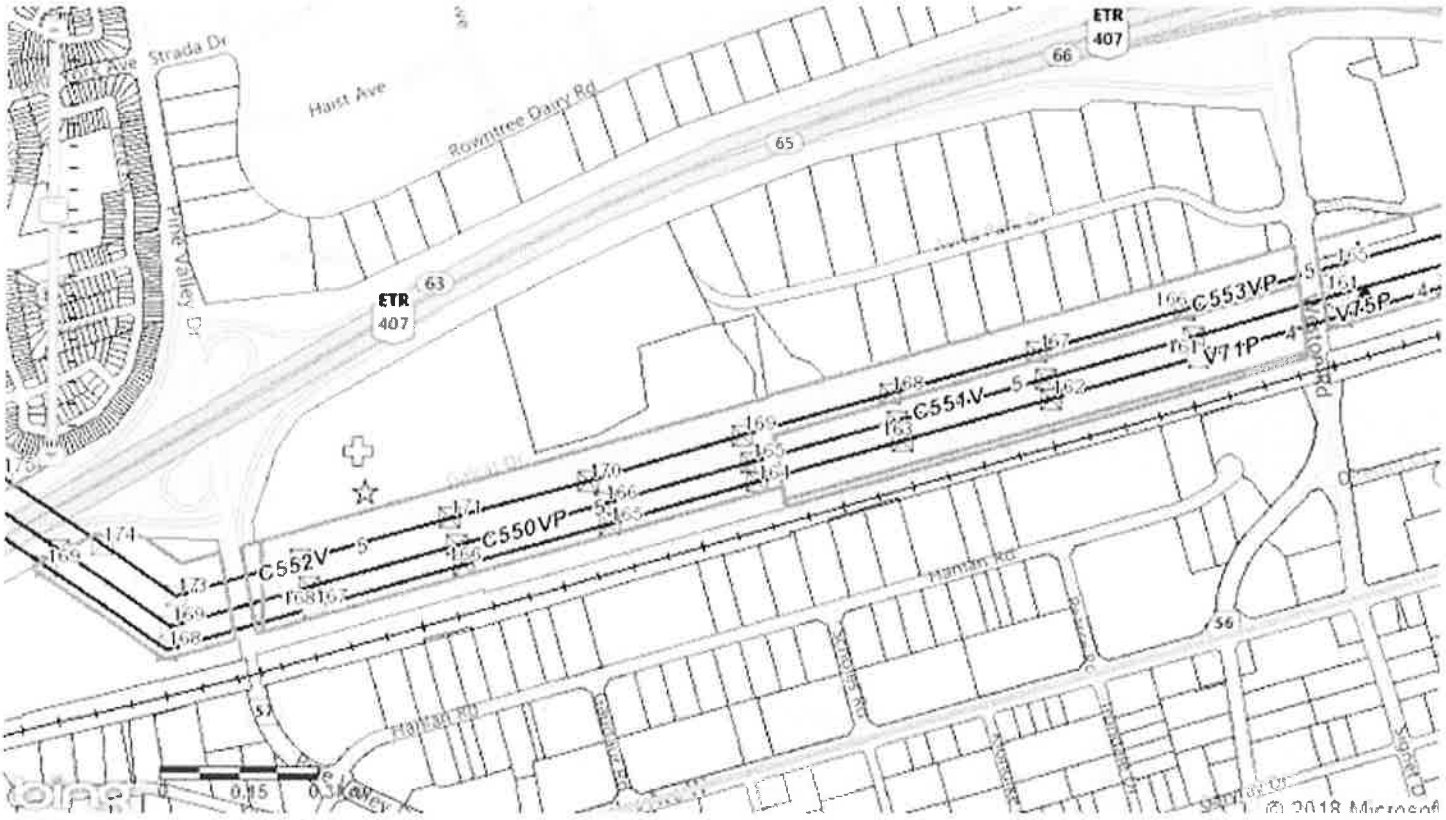
From: rick.schatz@HydroOne.com
Sent: January-11-18 4:12 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - Pine Valley Drive Area and Weston Road Area - Vaughan 635.37-6041

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Holly,

Hydro One has now completed a preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Locations 4 and 5: Pine Valley Dr. Area, Plate 4 dated 10/30/2017 and Weston Road Area, Plate 5 dated 10/30/2017.

The following sketch identifies our structure #'s and circuit #'s in this area.



Specific Conditions/Comments:

- **Hydro One has future plans for a 230kV double circuit on the north side of the corridor. The proposed road alignment from station 20500 to 21200 interferes with our future plans. Given that the remaining width is already very narrow, accommodating both the transit way and a future overhead line will not be possible.**

Other options would be installing UG cables or re-aligning the transit way by the proponent (e.g. to the South of the corridor).

- In the span of 500kV C552V/C553VP Structure #170 and #171, and in the span of 500kV C550VP/C551V Structure #166 and #167, insufficient overhead clearances have been identified. Hydro One suggests the proponent change the road alignment. It also helps to bring the road alignment away from north side of the corridor.

- From Toronto Star PH JCT and Toronto Star JCT to west of 230kV V71P/V75P Structure #158, the impact of the proposed road alignment on Hydro One underground cables must be reviewed at detailed design stage.

- From 230kV V71P/V75P Structure #158 to #165, during detailed design/construction phase, the contractor must consult and get approval from Hydro One regarding the support methods being proposed, and the distance of the edge of cut to the nearest tower footing.

- Cross sections of the proposed tunnels are missing. If the tunnels are sheltered by metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.

- Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.

General Conditions:

Scope of Review

- This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.

- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.

- The comments pertaining to this review are valid for a period of 2 years, upon which time a subsequent review will be required as our requirements may have changed.

- Detailed construction drawings are required for review prior to Hydro One's approval.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.

- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.

- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.

- Plantings on the corridor shall have a maximum mature height of:

    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines

- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.

- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.

- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs. Future drawings should show an access path and include a crossing over the proposed Transitway with the appropriate curb cuts etc.

- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.

- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.

- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.

- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.

- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- Additionally, a pre-construction meeting with the Hydro One Land Use Agent/Environmental Technician assigned to the project, is required to ensure that the proponent and/or its contractors are well aware of all safety requirements.

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.
- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.
- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.
- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.
- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.
- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.
- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.
- There shall be no storage or tipping of garbage dumpsters on the ROW.
- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Facilities and Real Estate
185 Clegg Road
Markham, Ont. L6G 1B7

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Liz Speller

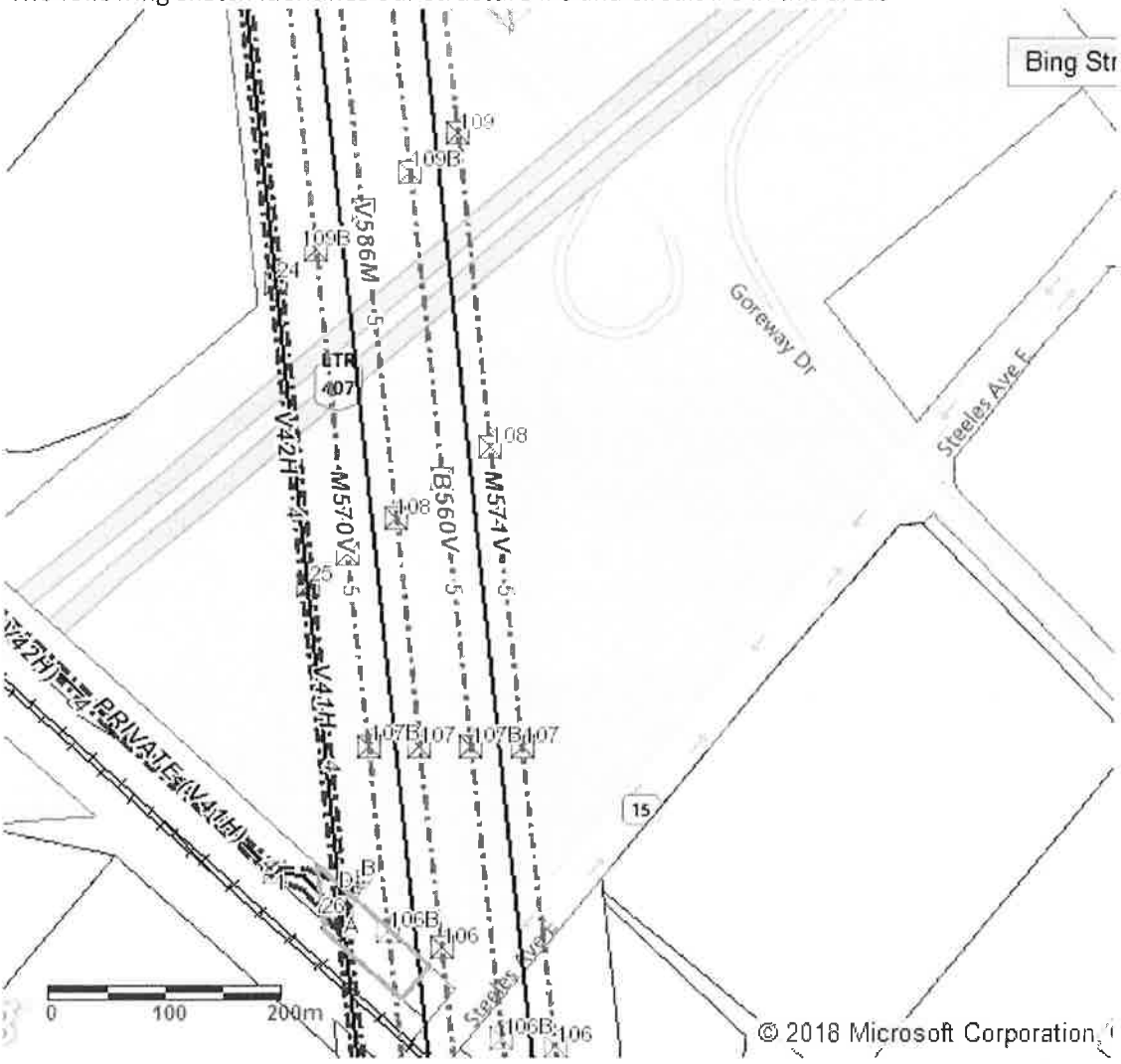
From: rick.schatz@HydroOne.com
Sent: January-11-18 3:43 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - West of Goreway Drive - Brampton 635.37-6040

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Holly,

Hydro One has now completed a preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Location 3: West of Goreway Dr., Plate 3 dated 10/30/2017.

The following sketch identifies our structure #'s and circuit #'s in this area.



Specific Conditions/Comments:

- The proposed station platform must be moved out of Hydro One right of way.

- During the detailed design/construction phase, the contractor must consult and get approval from Hydro One regarding the support methods being proposed, and the distance of the edge of cut to the nearest tower footing at 230kV V41H/V42H Structure #25.

- The elevations of proposed bus only lanes crossing under 500kV M571V line span between Structure #107 and #108 are missing. Overhead clearance must be reviewed at detailed design stage. Mitigation measures may be required.

- Cross sections of the proposed tunnels are missing. If the tunnels are sheltered by metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.

- Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.

- The proponent's drawing titled "407 TRANSITWAY HYDRO CORRIDOR CROSSING LOCATION 3: WEST OF GOREWAY" dated 10/30/2017 has the following errors:
    - 230kV V41H/V42H transmission center line should connect Structure #25 to #26 and continues.
    - 500kV M570V transmission center line should connect Structure #107B to #106B and continues instead of connecting to 230kV V41H/V42H Structure #25.
    - 500kV M586M transmission center line should connect Structure #107 to #106 and continues instead of connecting to 500kV M570V Structure #106B.

General Conditions:

Scope of Review

- This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.

- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.

- The comments pertaining to this review are valid for a period of 2 years, upon which time a subsequent review will be required as our requirements may have changed.

- Detailed construction drawings are required for review prior to Hydro One's approval.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.

- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.

- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.

- Plantings on the corridor shall have a maximum mature height of:
    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines

- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.

- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.

- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs. Your drawings should show this access and include crossings over the proposed Transitway with the appropriate curb cuts etc.

- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.

- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.

- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.

- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.

- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent must meet with the Hydro One Lines Technician assigned to this project, prior to the start of construction, in order to obtain an entry permit and to discuss clearance issues.

- Additionally, a pre-construction meeting with the Hydro One Land Use Agent/Environmental Technician assigned to the project, is required to ensure that the proponent and/or its contractors are well aware of all safety requirements.

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.

- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.

- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.

- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.

- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.

- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.

- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.

- There shall be no storage or tipping of garbage dumpsters on the ROW.

- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Facilities and Real Estate

185 Clegg Road
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E-mail: Rick.Schatz@HydroOne.com
www.HydroOne.com[hydroone.com]

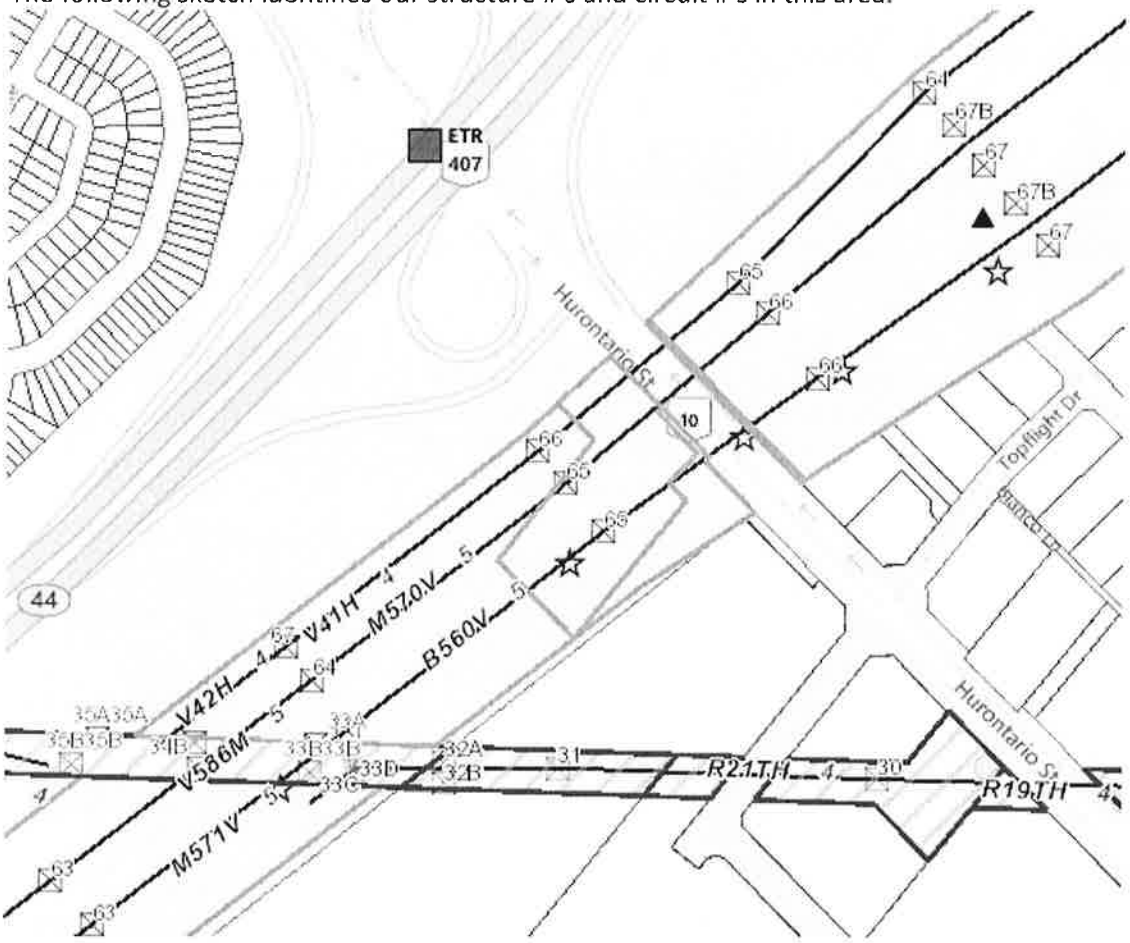
Liz Speller

From: rick.schatz@HydroOne.com
Sent: January-11-18 3:42 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - Hurontario St Area - Brampton 635.37-6042

Hi Holly,

Hydro One has now completed a preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Location 1: Hurontario St. Area, Plate 1 dated 10/30/2017.

The following sketch identifies our structure #'s and circuit #'s in this area.



Specific Conditions/Comments:

- We have identified that there is insufficient clearances over the proposed potential parking area under 230kV V41H/V42H between Structure #66 and #67. Mitigation methods must be studied at detailed design stage should parking proceed at this location.

- The elevations of proposed bus lanes and maintenance lanes crossing under 230kV V41H/V42H, 500kV M570V/V586M and 500kV B560V/M571V between Hurontario SS and Hurontario Street are missing. It would

appear that there will be clearance issues for both the east and west sides of Hurontario Street. Overhead clearances must be reviewed to confirm if the clearances are acceptable. Mitigation measures may be required.

- The elevations of proposed bus lanes crossing under 230kV R19TH/R21TH are not provided. It would appear that there will be clearance issues for both the east and west sides of Hurontario Street. Overhead clearances must be reviewed at detailed design stage. Mitigation measures may be required.

- The busway, although not shown, appears to be headed very near to tower 35B. The busway alignment should be a minimum 15 metres from the edge of that tower.

- The proposed access driveway leading to the easterly parking area is located within 15 metres from the proposed new tower. The driveway should be a minimum of 15 metres from that proposed tower location.

- The proposed station platform shall not be located on the Hydro One right of way.

- The parking areas west of Hurontario Street are very close to Hydro One's Hurontario Sub Station (Hurontario SS). Induction and/or grounding studies must be carried out at detailed design stage at Metrolinx' expense and mitigation measures may be required.

- During the detailed design/construction phase, the contractor must consult and get approval from Hydro One regarding the support methods being proposed, and the distance of the edge of cut to the nearest tower footing at 230kV V41H/V42H Structure #67.

- Cross sections of the proposed tunnels are missing. If the tunnels are sheltered by metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.

- Grading and drainage plans are missing for the areas containing proposed parking lots and storm water management pond. Detailed design must be reviewed by Hydro One.

- The Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.

General Conditions:

Scope of Review

- This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.

- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.

- The comments pertaining to this review are valid for a period of 2 years, upon which time a subsequent review will be required as our requirements may have changed.

- Detailed construction drawings are required for review prior to Hydro One's approval.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.

- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.

- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.

- Plantings on the corridor shall have a maximum mature height of:

    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines

- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.

- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.

- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs. Your drawings should show this access and include crossings over the proposed Transitway with the appropriate curb cuts etc.

- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.

- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.

- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.

- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.

- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.

- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.

- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.

- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.

- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.

- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.

- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.

- There shall be no storage or tipping of garbage dumpsters on the ROW.

- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Facilities and Real Estate

185 Clegg Road
Markham, Ont. L6G 1B7

Tel: 905-946-6233
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Liz Speller

From: rick.schatz@HydroOne.com
Sent: January-11-18 3:42 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Holly,

Hydro One has now completed a preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Location 3: Dixie Rd. Area, Plate 2 dated 10/30/2017.

The following sketch identifies our structure #'s and circuit #'s in this area.

Specific Conditions/Comments:

- There is insufficient clearance over the proposed parking lot and the potential parking areas under 230kV V41H/V42H between Structure #46 and #47 and, 500kV M570V between Structure #84B and 86B and 500kV V586M Structure #84 and #86. Mitigation methods must be studied at detailed design stage.

- The elevations of the access roads to the proposed parking and potential parking areas are missing. Overhead clearances must be reviewed deemed acceptable at the detailed design stage.

- Grading and drainage plans are missing for the areas containing proposed parking lots and storm water management pond. Detailed design must be reviewed by Hydro One.

- Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.

- The proposed storm water management pond and parking area eliminates Hydro One's access route. Metrolinx must design and construct an appropriate alternative access route, suitable to Hydro One's purposes.

General Conditions:

Scope of Review

- This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.

- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.

- The comments pertaining to this review are valid for a period of 2 years, upon which time a subsequent review will be required as our requirements may have changed.

- Detailed construction drawings are required for review prior to Hydro One's approval.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.

- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.

- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.

- Plantings on the corridor shall have a maximum mature height of:

    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines

- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.

- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.

- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.

- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.

- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.

- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.

- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.

- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent must meet with the Hydro One Lines Technician assigned to this project, prior to the start of construction, in order to obtain an entry permit and to discuss clearance issues.

- Additionally, a pre-construction meeting with the Hydro One Land Use Agent/Environmental Technician assigned to the project, is required to ensure that the proponent and/or its contractors are well aware of all safety requirements.

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.

- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.

- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.

- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.

- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.

- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.

- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.

- There shall be no storage or tipping of garbage dumpsters on the ROW.

- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
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185 Clegg Road
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** Responses to General Conditions comments are applicable to all five locations

	COMMENTS	RESPONSES	SECOND REVIEW COMMENTS
Scope of Review			
1	This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	The comments pertaining to this review are valid for a period of 2 years, upon which time a subsequent review will be required as our requirements may have changed.	Understood.	
4	Detailed construction drawings are required for review prior to Hydro One's approval.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
Horizontal Clearance Around Hydro One Structures			
1	A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.	Agreed. The parking lots have been developed considering the 15m radius lateral clearance to the existing and potential future towers for Hydro One maintenance purposes. All parking lot preliminary layouts are being comprehensibly reviewed to ensure compliance. A commitment regarding requirement to not store material in this areas during construction will be stated as a commitment in the Final Environmental Project Report.	
Vertical Clearance			
1	Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	Plantings on the corridor shall have a maximum mature height of: - 2.5 m for 115 kV lines - 1.6 m for 230 kV lines - 3.5 m for 500 kV lines	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
4	All proposed plantings must be field-reviewed and approved by the Lines Technician.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
Corridor Conditions and Access			
1	No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
4	No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
5	If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
6	All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
Storm Water Management			
1	The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.	Understood.	
Safety & Security			
1	The proponent must meet with the Hydro One Lines Technician assigned to this project, prior to the start of construction, in order to obtain an entry permit and to discuss clearance issues.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	Additionally, a pre-construction meeting with the Hydro One Land Use Agent/Environmental Technician assigned to the project, is required to ensure that the proponent and/or its contractors are well aware of all safety requirements.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
Liabilities			
1	The Proponent will assume all liability associated with this secondary land use proposal.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
4	The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
5	Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
6	Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
Prohibited Activities			
1	Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
2	There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
3	There shall be no storage or tipping of garbage dumpsters on the ROW.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	
4	There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	

Liz Speller

From: Kerslake, Holly
Sent: April-19-18 7:32 PM
To: 'rick.schatz@HydroOne.com'
Cc: 'DeRose, Graham (MTO)'; Garron, Gus; Leung, Winnie
Subject: 407 Transitway - Illumination Requirements

Hi Rick,

We are currently working on preliminary Illumination Plans for the 407 Transitway Station/Runningway and are looking for Hydro's illumination requirements/standards. For example, we normally use High-Mast Poles which may not be suitable within the Hydro Corridor (height restrictions etc.). Does Hydro have anything they can share with us at this point as we are developing the concepts?

Thanks for your help!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Liz Speller

From: Kerslake, Holly
Sent: June-04-18 2:32 PM
To: 'rick.schatz@HydroOne.com'
Cc: Garron, Gus; Leung, Winnie
Subject: RE: Holly Kerslake has shared the folder '2018.02.12 - Hydro One PDF's Updated' with you.
Attachments: RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations; RE: Hydro One Preliminary Technical Review - Transit Corridor along Hwy 407 - 5 Locations

No problem – this is regarding the 407 Transitway: Hurontario to Highway 400. We had made a couple design changes which Hydro was reviewing – we had sent hardcopies over to your offices mid-February. We also sent responses to your original comments.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com <rick.schatz@HydroOne.com>
Sent: Monday, June 04, 2018 2:27 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Holly Kerslake has shared the folder '2018.02.12 - Hydro One PDF's Updated' with you.

Hi Holly,

Can you please advise what project this is for?

Thanks

Rick

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Monday, June 04, 2018 10:50 AM
To: SCHATZ Richard
Cc: Garron, Gus; Leung, Winnie
Subject: RE: Holly Kerslake has shared the folder '2018.02.12 - Hydro One PDF's Updated' with you.

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Hi Rick,

Just following up to the email below. Any update you can provide us?

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Thursday, April 19, 2018 7:34 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: Holly Kerslake has shared the folder '2018.02.12 - Hydro One PDF's Updated' with you.

Thanks for the update Rick. Our project has not changed since February 12th – those attached files are regarding a different project.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com <rick.schatz@HydroOne.com>
Sent: Wednesday, April 18, 2018 4:22 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: Holly Kerslake has shared the folder '2018.02.12 - Hydro One PDF's Updated' with you.

Hi Holly,

The revised drawings you sent for circulation back in February are still out for review. I am waiting for one more comment before I can provide our response.
I received a subsequent message (attached) which includes 40 drawings. Has something changed with the drawings you sent on Feb. 12?

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: mail@sf-notifications.com [mailto:mail@sf-notifications.com]
Sent: Monday, February 12, 2018 2:20 PM
To: SCHATZ Richard
Subject: Holly Kerslake has shared the folder '2018.02.12 - Hydro One PDF's Updated' with you.

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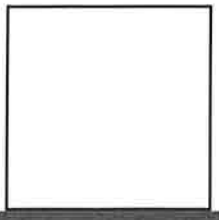

Holly Kerslake has shared the folder **2018.02.12 - Hydro One PDF's Updated** with you.

Note From Holly:

I've added you to a folder

[parsons.sharefile.com] Click here to view this folder [parsons.sharefile.com]

ShareFile is a tool for sending, receiving, and organizing your business files online. It can be used as a password-protected area for sharing information with customers and partners, and it's an easy way to send files that are too large to email.

Trouble with the above link? You can copy and paste the following URL into your web browser:
https://parsons.sharefile.com/f/fo87b48a-9759-49e5-ba1c-b5638428fec9

Parsons Employees: Refer to the ShareFile Online Help via PWEB (https://pweb.parsons.com/ops/is/Online%20Help%20Systems/ShareFile/ShareFile_Overview.aspx#t=ShareFile_Overview_1.aspx) for assistance or contact the Service Desk at 1-800-252-8108 (U.S.) or 800-04-44-1727 (UAE) or refer to Additional Global Access Numbers (https://pweb.parsons.com/ops/is/Pages/Service_Desk.aspx?parentmenu=Business Services).

Non-Parsons Employees: Refer to Citrix ShareFile Support (http://help.citrix.com/sharefile) support for assistance or call Citrix at 1-800-441-3453 (U.S) or UAE: 800-04-44-1727, Bahrain: 800-81530, Oman: 800-75894, Qatar: 800-0282, Saudi: 800-844-3682 (STC) 8008500217 (Non-STC), Turkey: 008-004-48821797, UK: 0800-894410.

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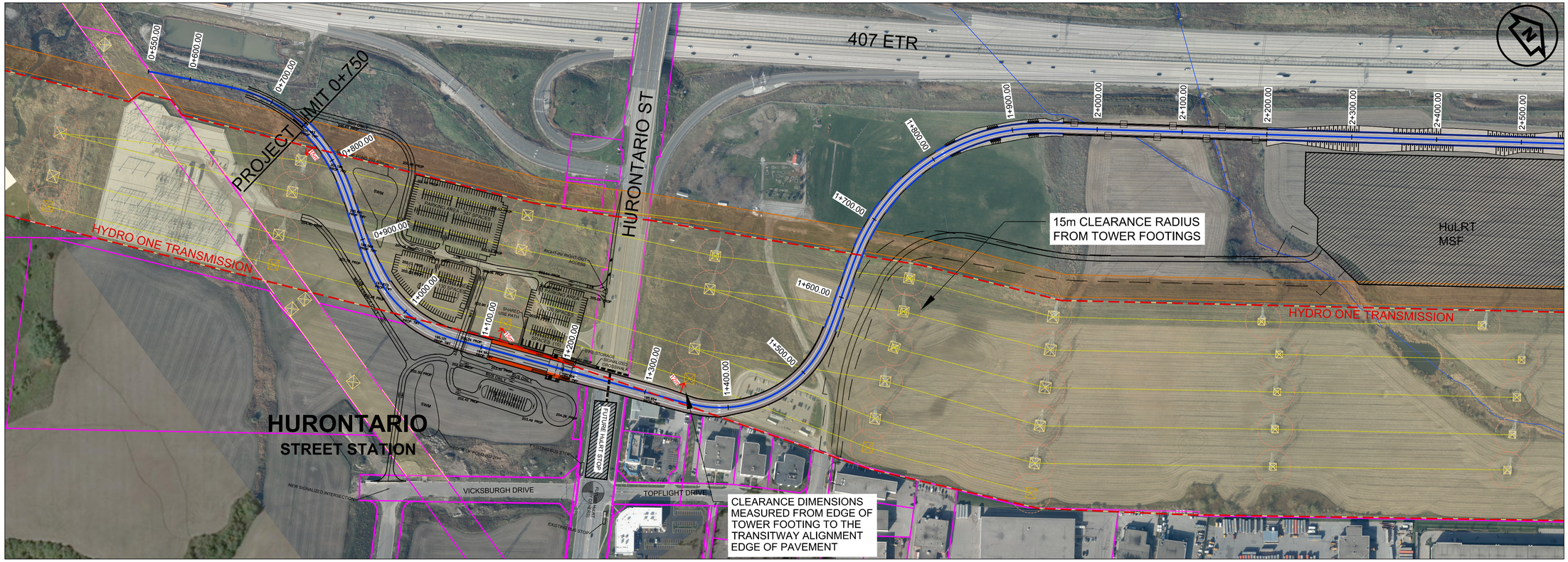

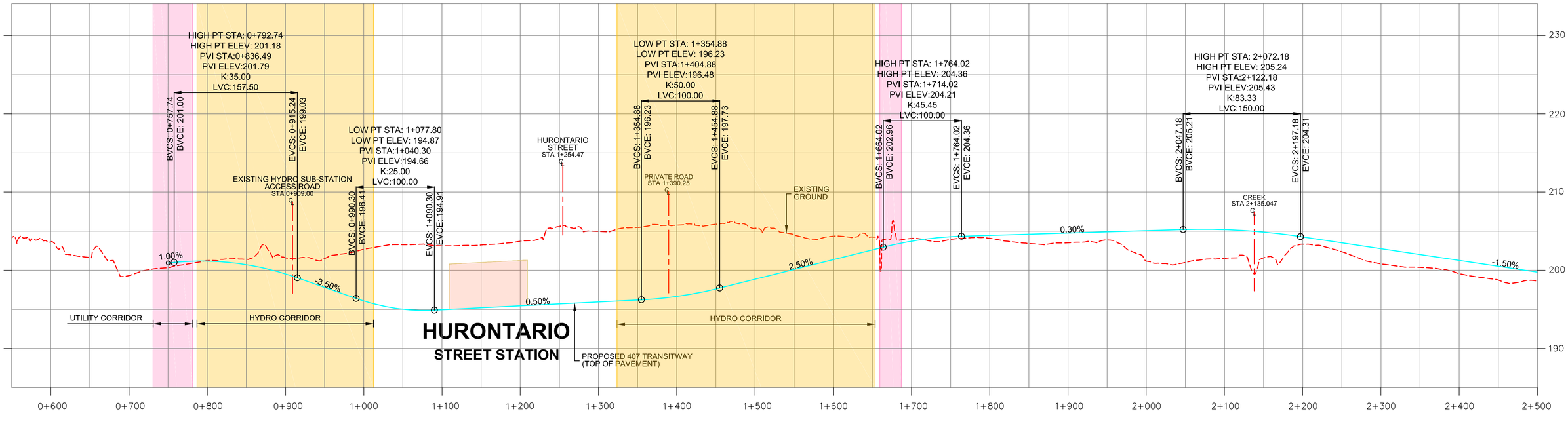

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Ontario PARSONS IBI GROUP

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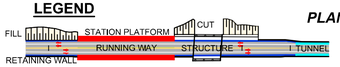
PLAN



HYDRO CORRIDOR
UTILITIES CORRIDOR

EXISTING HYDRO STRUCTURES & LINES
FUTURE HYDRO STRUCTURES & LINES (APPROX.)
WATERCOURSE
EXISTING PROPERTY LINE

PROFILE

EXISTING GROUND
PROPOSED PROFILE
HYDRO CORRIDOR
UTILITIES CORRIDOR

407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 1: HURONTARIO ST. AREA

DRAWING SET PLAN AND PROFILE

PLATE 01

DATE 01/18/2018

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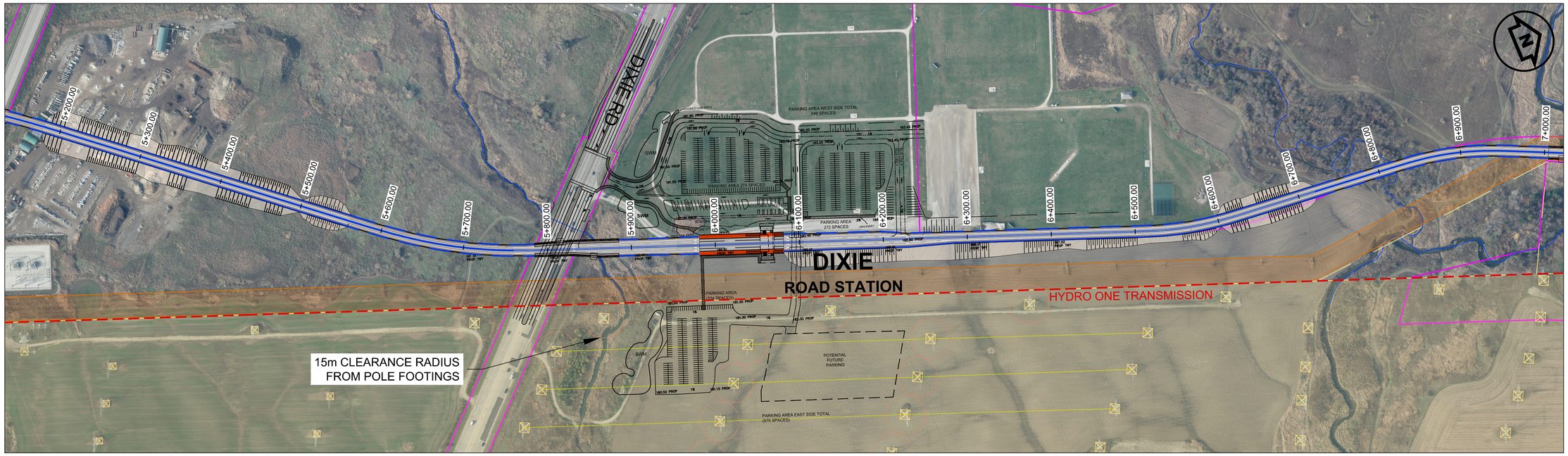

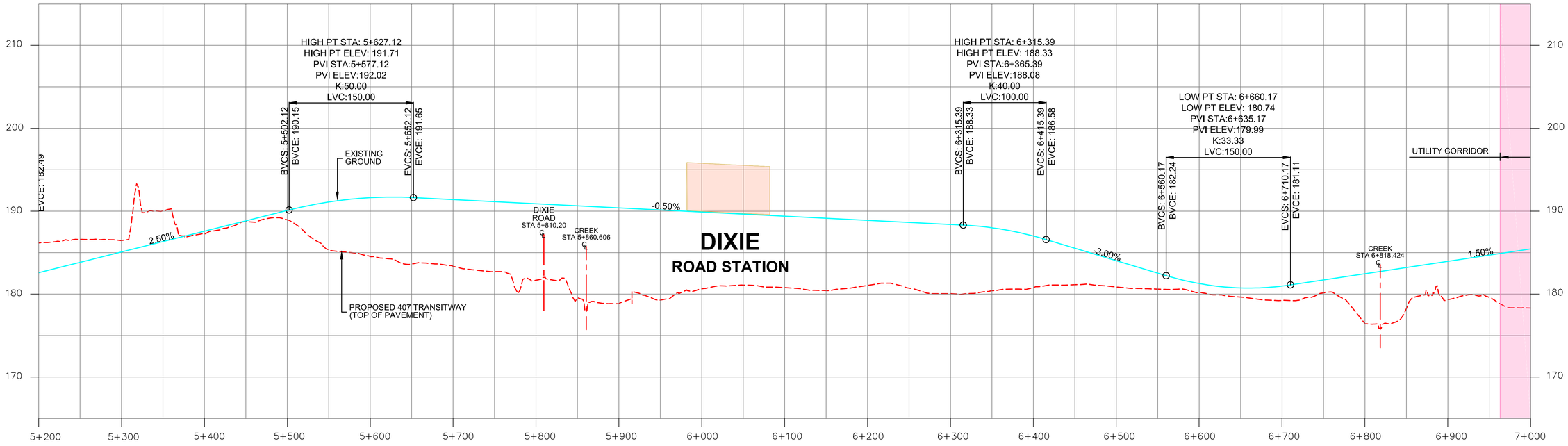

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MODIFIED: Jan 19, 2018 – 12:30pm MODTIME
CREATED

Ontario PARSONS IBI GROUP

SCALE

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LEGEND

FILL STATION PLATFORM CUT
RUNNING WAY STRUCTURE TUNNEL
RETAINING WALL

PLAN

HYDRO CORRIDOR
UTILITIES CORRIDOR
EXISTING HYDRO STRUCTURES & LINES
FUTURE HYDRO STRUCTURES & LINES (APPROX.)
WATERCOURSE
EXISTING PROPERTY LINE

PROFILE

EXISTING GROUND
PROPOSED PROFILE
HYDRO CORRIDOR
UTILITIES CORRIDOR

407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 2: DIXIE RD. AREA

DRAWING SET PLAN AND PROFILE

PLATE 02

DATE 01/18/2018

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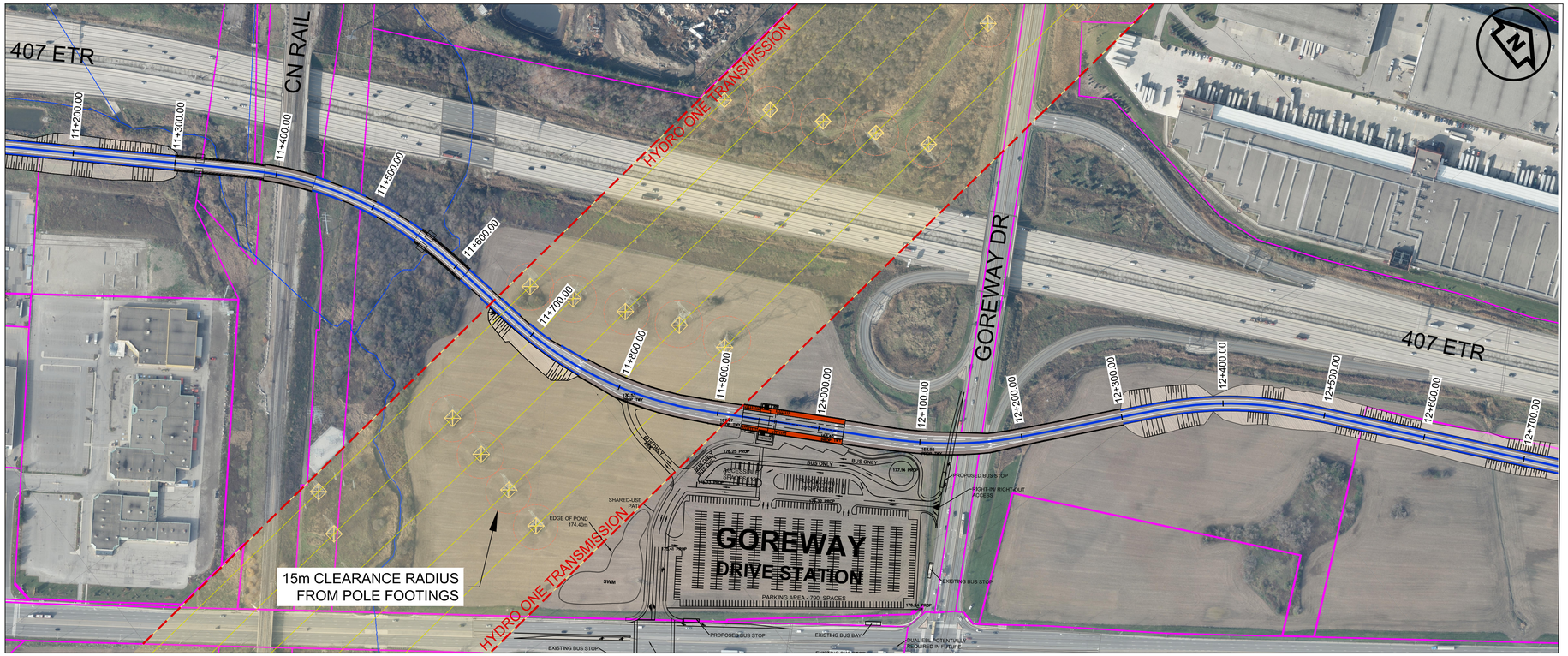

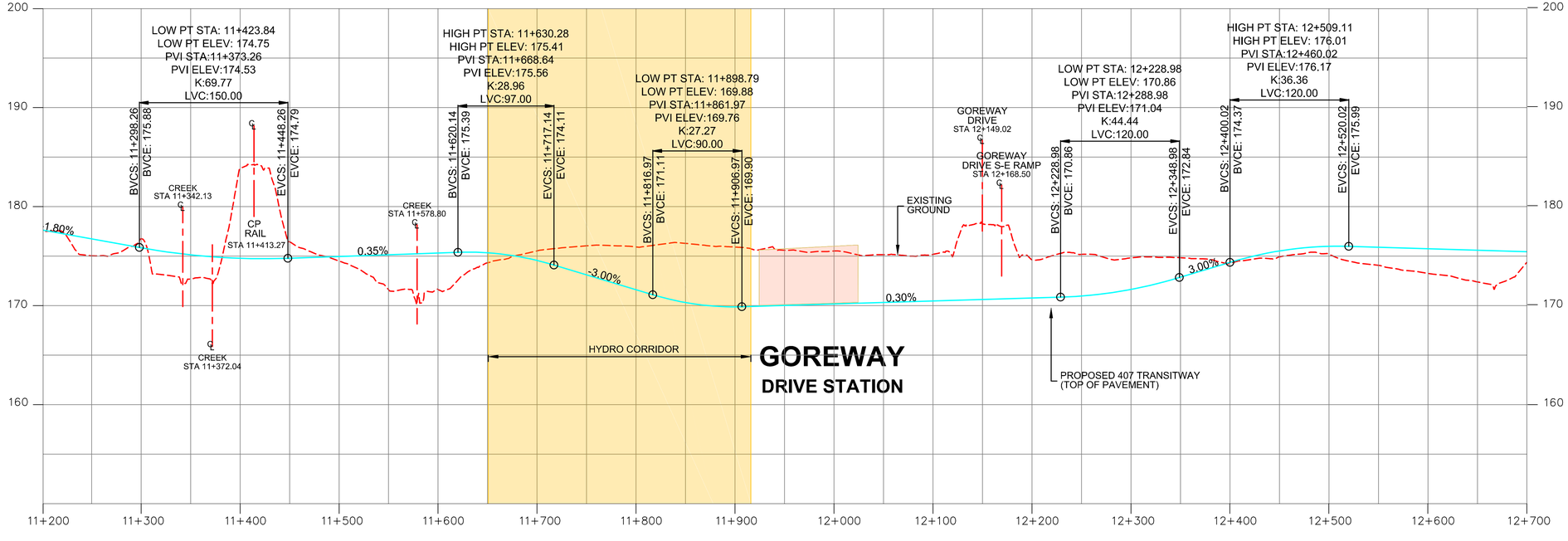

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CREATED:
MODIFIED: Jan 19, 2018 - 12:34pm MODTIME

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SCALE

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V 1:500

LEGEND

PLAN

FILL, STATION PLATFORM, CUT, RUNNING WAY, STRUCTURE, TUNNEL, RETAINING WALL

HYDRO CORRIDOR
UTILITIES CORRIDOR

EXISTING HYDRO STRUCTURES & LINES
FUTURE HYDRO STRUCTURES & LINES (APPROX.)
WATERCOURSE
EXISTING PROPERTY LINE

PROFILE

EXISTING GROUND
PROPOSED PROFILE
HYDRO CORRIDOR
UTILITIES CORRIDOR

407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 3: WEST OF GOREWAY DR.

DRAWING SET PLAN AND PROFILE

PLATE 03

DATE 01/18/2018

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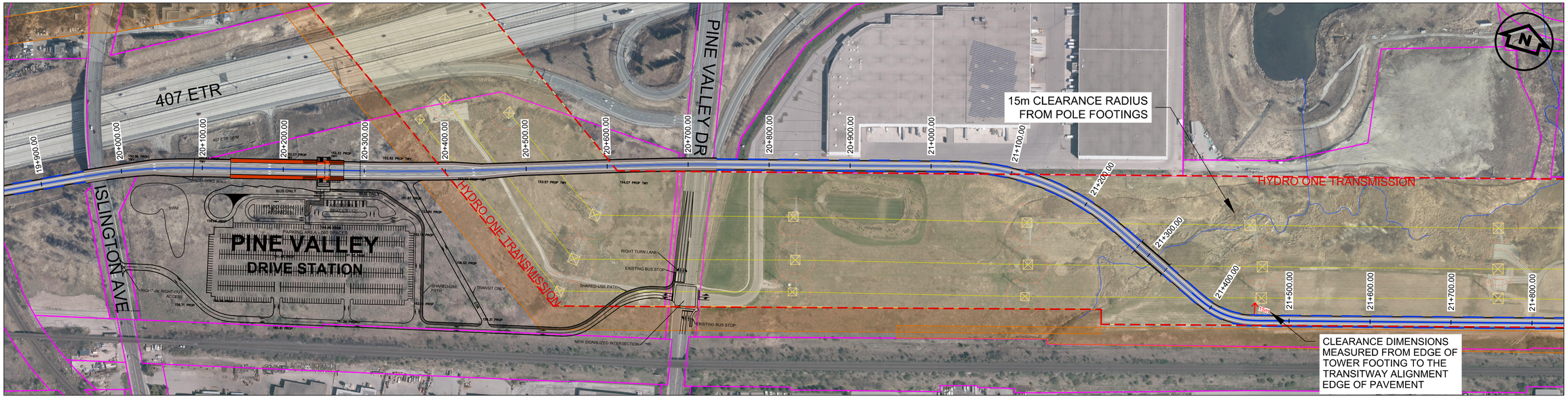

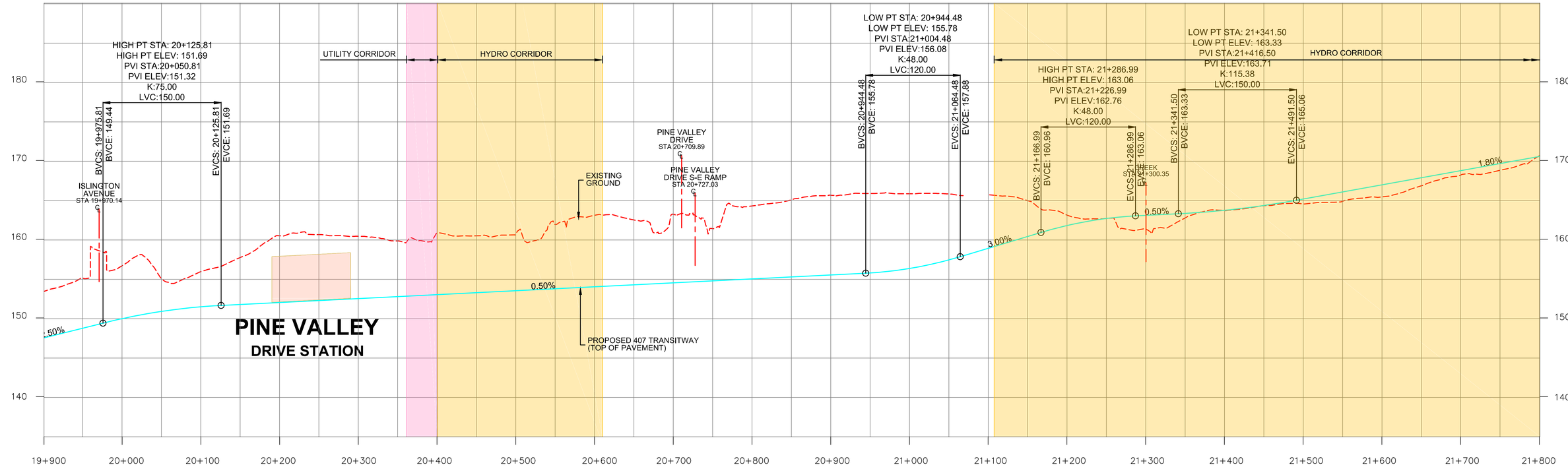

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V 1:500

LEGEND

PLAN
- HYDRO CORRIDOR
- UTILITIES CORRIDOR
- EXISTING HYDRO STRUCTURES & LINES
- FUTURE HYDRO STRUCTURES & LINES (APPROX.)
- WATERCOURSE
- EXISTING PROPERTY LINE

PROFILE
- EXISTING GROUND
- PROPOSED PROFILE
- HYDRO CORRIDOR
- UTILITIES CORRIDOR

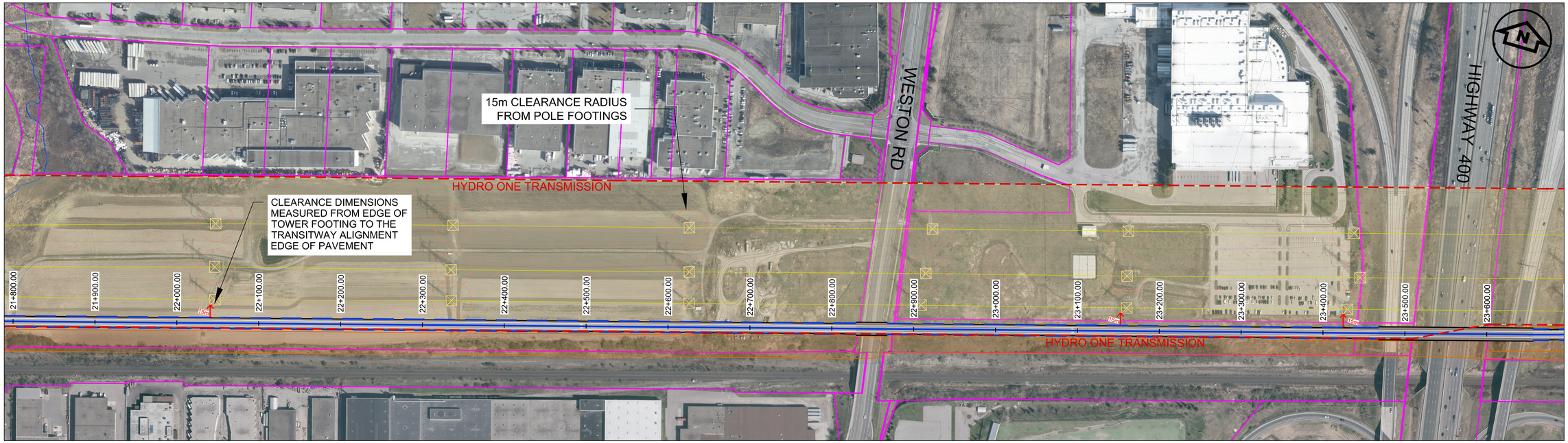
407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 4: PINE VALLEY DR. AREA

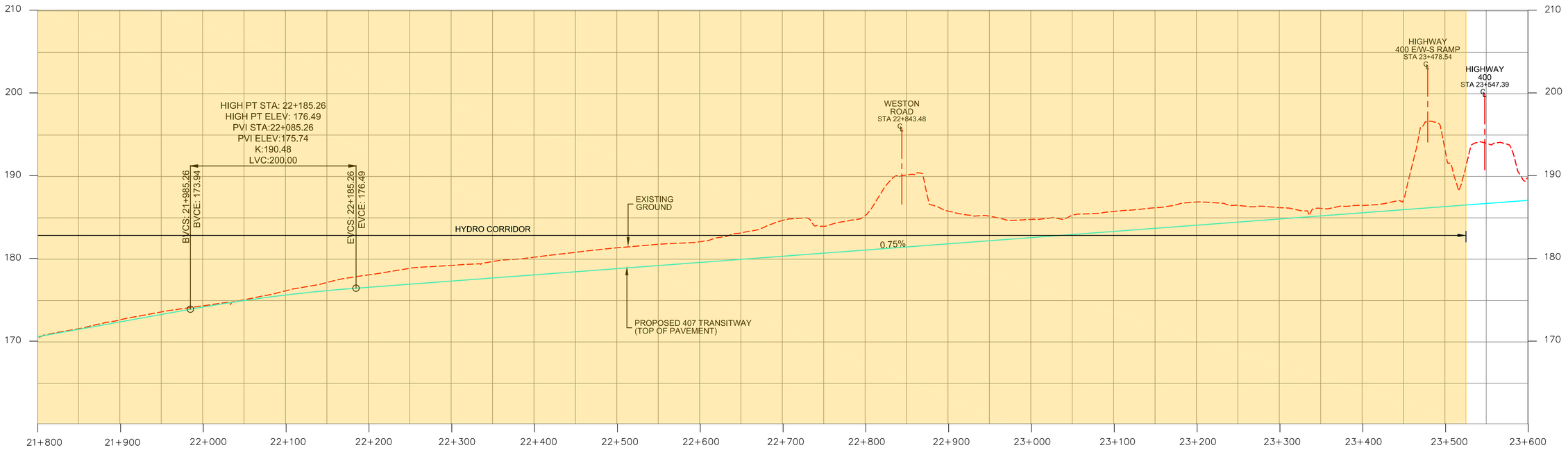
DRAWING SET PLAN AND PROFILE

PLATE 04

DATE 01/18/2018

METRIC





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SCALE

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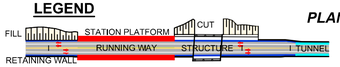
LEGEND

PLAN



HYDRO CORRIDOR
UTILITIES CORRIDOR

EXISTING HYDRO STRUCTURES & LINES
FUTURE HYDRO STRUCTURES & LINES (APPROX.)
WATERCOURSE
EXISTING PROPERTY LINE

PROFILE

EXISTING GROUND
PROPOSED PROFILE
HYDRO CORRIDOR
UTILITIES CORRIDOR

407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 5: WESTON RD. AREA

DRAWING SET PLAN AND PROFILE

PLATE 05

DATE 01/18/2018

Liz Speller

From: rick.schatz@HydroOne.com
Sent: June-05-18 1:31 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Pine Valley Drive Area and Weston Road Area - Vaughan 635.37-6041
Attachments: Proposal Submission Requirements.pdf

Hi Holly,

Hydro One has now completed a subsequent preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Locations 4 and 5: Pine Valley Dr. Area, Plate 4 dated 10/30/2017, Weston Road Area, Plate 5 dated 10/30/2017; and Figure F-7 dated Nov. 2017.

The sketch in my message below identifies our structure #'s and circuit #'s in this area.

Specific Conditions/Comments:

- This review is in addition to the comments included in the response below dated Jan. 11th, 2018.
- Given that the Transitway will be constructed by the proponent using the cut and cover method across the Hydro One right of way as shown in PLATE 04 dated 01/18/2018, if the cover comprises metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.
- Ground clearances for Transitway at crossing locations with the following line spans must be reviewed by Hydro One transmission line design technician:
    - 230kV V71P/V75P in the line section of CLAIREVILLE TS X TORONTO STAR JCT;
    - 500kV C552V/C553VP in the line section of PARKWAY TS X CLAIREVILLE TS; and
    - 500kV C551V/C550VP in the line section of PARKWAY TS X CLAIREVILLE TS.
- In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections:
    - Between Structure #165 and #166, Structure #168 and #169 of 230kV V71P/V75P in the line section of CLAIREVILLE TS X TORONTO STAR JCT;
    - Between Structure #170 and #171, Structure #173 and #174 of 500kV C552V/C553VP in the line section of PARKWAY TS X CLAIREVILLE TS; and
    - Between Structure #166 and #167, Structure #169 and #170 of 500kV C551V/C550VP in the line section of PARKWAY TS X CLAIREVILLE TS.
- Hydro One requires uninterrupted access to all Hydro towers. In the two locations where the transitway crosses the hydro corridor the drawings must show a 6 m wide crossing with curb cuts, for our access requirements. The access must be no steeper than 10% grade with no sharp turns to allow large vehicles including floats to access.
- All drawings submitted must show basic HONI requirements. Refer to attachment for details.

General Conditions:

Scope of Approval

- This approval applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.

- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.
- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.
- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.
- Plantings on the corridor shall have a maximum mature height of:
    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines
- All proposed plantings must be field-reviewed and approved.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.
- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.
- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.
- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.
- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.
- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.
- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.
- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.
- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.
- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.
- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.
- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.
- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.
- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.
- There shall be no storage or tipping of garbage dumpsters on the ROW.
- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

Liz Speller

From: rick.schatz@HydroOne.com
Sent: June-05-18 1:30 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - West of Goreway Drive - Brampton 635.37-6040
Attachments: Proposal Submission Requirements.pdf

Hi Holly,

Hydro One has now completed a subsequent preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Location 3: West of Goreway Dr., Plate 3 dated 01/18/208; and Figure F-4 Nov.2017.

The sketch in my message below identifies our structure #'s and circuit #'s in this area.

Specific Conditions/Comments:

- Given that the Transitway will be constructed by the proponent using the cut and cover method across the Hydro One right of way as shown in PLATE 03 dated 01/18/2018, if the cover comprises metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.
- The drainage area boundary in FIGURE F-4 dated Nov. 2017 shall not encroach on the 15m limit at 230kV V41H/V42H Structure #25 in the line section of CLAIREVILLE TS X SITHE GORWAY JCT.
- Ground clearances at the following locations must be reviewed by Hydro One transmission line design technician:
    - The Transitway crossing at 230kV V41H/V42H in the line section of CLAIREVILLE TS X SITHE GOREWAY JCT;
    - The Transitway crossing at 500kV M570V, V586M, B560V and M571V in the line section of MILTON SS X CLAIREVILLE TS; and
    - The Bus only lane crossing at 500kV M571V in the line section of MILTON SS X CLAIREVILLE TS.
- In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections:
    - Between Structure #25 and #26 of 230kV V41H/V42H in the line section of CLAIREVILLE TS X SITHE GOREWAY JCT;
    - Between Structure #107B and #108B of 500kV M570V in the line section of MILTON SS X CLAIREVILLE TS;
    - Between Structure #107 and #108 of 500kV V586M in the line section of MILTON SS X CLAIREVILLE TS;
    - Between Structure #107B and #108B of 500kV B560V in the line section of MILTON SS X CLAIREVILLE TS; and
    - Between Structure #107 and #108 of 500kV M571V in the line section of MILTON SS X CLAIREVILLE TS.
- Hydro One requires uninterrupted access to all Hydro towers. In the location where the transitway crosses the hydro corridor the drawings must show a 6 m wide crossing with curb cuts, for our access requirements. The access must be no steeper than 10% grade with no sharp turns to allow large vehicles including floats to access.
- We will require details of the grading proposed at 11+700.00.
- All drawings submitted must show basic HONI requirements. Refer to attachment for details.

General Conditions:

Scope of Approval

- This approval applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.
- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.
- Asset Optimization (Secondary Land Use) approval is subject to, and in no way supersedes, any requirements and conditions imposed by the Hydro One Lines Technician and Land Use Agent.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.
- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.
- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.
- Plantings on the corridor shall have a maximum mature height of:
    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines
- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.
- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.
- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.
- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.
- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.
- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.
- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.
- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.
- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.
- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.
- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.
- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.
- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.
- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.
- There shall be no storage or tipping of garbage dumpsters on the ROW.
- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

Liz Speller

From: rick.schatz@HydroOne.com
Sent: June-05-18 1:31 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132
Attachments: Proposal Submission Requirements.pdf

Hi Holly,

Hydro One has now completed a subsequent preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Location 2: Dixie Rd. Area, Plate 2 dated 01/18/2018; and Figure F-2 dated Nov. 2017.

The sketch in my message below identifies our structure #'s and circuit #'s in this area.

Specific Conditions/Comments:

- This review is in addition to the PMP response dated Jan. 11th, 2018.
- The presence of storm water pond and parking lot in FIGURE F-2 dated Nov. 2017 on Hydro One right of way impedes Hydro One access route. An alternative route but be designed, approved and provided.
- The drainage area boundary in FIGURE F-2 dated Nov. 2017 must be clarified with further details and submitted for review again.
- Ground clearances for parking areas and access routes at locations with the following line spans must be reviewed by Hydro One transmission line design technician:
    - 230kV V41H/V42H in the line section of BRAMALEA TS X CARDIFF TS;
    - 500kV M570V and V586M in the line section of MILTON SS X CLAIREVILLE TS.
- In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections:
    - Between Structure #46 and #47 of 230kV V41H/V42H in the line section of BRAMALEA TS X CARDIFF TS;
    - Between Structure #84B and #86B of 500kV M570V in the line section of MILTON SS X CLAIREVILLE TS; and
    - Between Structure #84 and #86 of 500kV V586M in the line section of MILTON SS X CLAIREVILLE TS.
- All drawings submitted must show basic HONI requirements. Refer to attachment for details.

General Conditions:

Scope of Approval

- This approval applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.
- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.
- Asset Optimization (Secondary Land Use) approval is subject to, and in no way supersedes, any requirements and conditions imposed by the Hydro One Lines Technician and Land Use Agent.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.

- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.
- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.
- Plantings on the corridor shall have a maximum mature height of:
    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines
- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.
- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.
- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.
- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.
- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.
- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.
- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.
- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.
- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.
- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.
- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.
- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.
- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.
- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.
- There shall be no storage or tipping of garbage dumpsters on the ROW.
- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

Liz Speller

From: rick.schatz@HydroOne.com
Sent: June-05-18 1:31 PM
To: Kerslake, Holly
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie
Subject: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Hurontario St Area - Brampton 635.37-6042
Attachments: Proposal Submission Requirements.pdf

Hi Holly,

Hydro One has now completed a subsequent preliminary technical review of the drawing: 407 Transitway – Hydro Corridor Crossing, Location 1: Hurontario St. Area, Plate 1 dated 01/18/2018; and Figure F-1 dated Dec. 2017.

The sketch in my message below identifies our structure #'s and circuit #'s in this area.
Specific Conditions/Comments:

- This review is in addition to the PMP response dated Jan. 11th, 2018.
- At Hurontario Rd. to the west of the proposed MX Transitway, more details of development are required to ascertain whether Hydro One underground 2x230 kV circuits to Jim Yarrow TS are affected or not.
- The presence of station platforms raises issues related to the reliability of the transmission lines and the safety and annoyance of occupants. Induced current and voltage shocks from building components are possible even in the reduced electrical field beyond the edge of the right of way. Such shocks can lead to inadvertent startle responses that could be hazardous. The structure requires evaluation such as height, size and material, adequate grounding, field levels and comfort issues since public access and use is involved and limits on the construction and maintenance activities by the applicant. The proponent shall explore other options to relocate the station platform.
- Given that the Transitway will be constructed by the proponent using the cut and cover method across the Hydro One right of way as shown in PLATE 01 dated 01/18/2018, if the cover comprises metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.
- The presence of storm water pond in PLATE F-1 on Hydro One right of way and in close proximity to Hurontario SS can cause nuisance shocks from persons to ground and between persons near the ponds. In the event of a nearby fault, the storm water pond may concentrate fault currents and cause injury or death in the pond. The proponent shall remove this pond from Hydro One right of way.
- The drainage area boundary in PLATE F-1 dated Dec. 2017 must be updated without storm water ponds and submitted for review again.
- Ground clearances for parking areas and the Transitway and bus lane crossings at locations with the following line spans must be reviewed by Hydro One transmission line design technician:
    - 230kV V41H/V42H in the line section of CARDIFF TS X HURONTARIO SS;
    - 500kV M570V, V586M, B560V and M571V in the line section of MILTON SS X CLAIREVILLE TS; and.
- In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections:
    - Between Structure #64 and #67 of 230kV V41H/V42H in the line section of CARDIFF TS X HURONTARIO SS;
    - Between Structure #64 and #67B of 500kV M570V in the line section of MILTON SS X CLAIREVILLE TS;
    - Between Structure #64 and #67 of 500kV V586M in the line section of MILTON SS X CLAIREVILLE TS;
    - Between Structure #64 and #67B of 500kV B560V in the line section of MILTON SS X CLAIREVILLE TS; and
    - Between Structure #64 and #67 of 500kV M571V in the line section of MILTON SS X CLAIREVILLE TS.

- Hydro One requires uninterrupted access to all Hydro towers. In the two locations where the transitway crosses the hydro corridor the drawings must show a 6 m wide crossing with curb cuts, for our access requirements. The access must be no steeper than 10% grade with no sharp turns to allow large vehicles including floats to access.
- All drawings submitted must show basic HONI requirements. Refer to attachment for details.

General Conditions:

Scope of Approval

- This approval applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.
- Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.

Horizontal Clearance Around Hydro One Structures

- A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.
- Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.

Vertical Clearance

- Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.
- All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.
- Plantings on the corridor shall have a maximum mature height of:
    - 2.5 m for 115 kV lines
    - 1.6 m for 230 kV lines
    - 3.5 m for 500 kV lines
- All proposed plantings must be field-reviewed and approved by the Lines Technician.

Corridor Conditions and Access

- No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.
- Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities.
- Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.
- No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.

- If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.
- All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.

Storm Water Management

- The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.
- The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.
- Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.

Safety & Security

- The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.

Liabilities

- The Proponent will assume all liability associated with this secondary land use proposal.
- In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.
- Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.
- The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.
- Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.
- Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.

Prohibited Activities

- Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.
- There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.
- There shall be no storage or tipping of garbage dumpsters on the ROW.
- There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Facilities & Real Estate Services
P.O. Box 4300
Markham, ON L3R 5Z5
www.HydroOne.com

Courier:
185 Clegg Road
Markham, ON L6G 1B7

hydro one

PROPOSAL SUBMISSION REQUIREMENTS
IN AND AROUND HYDRO ONE NETWORKS INC. ELECTRICAL TRANSMISSION CORRIDORS

Hydro One strives to work with proponents to review secondary land use proposals on the Transmission Corridors to ensure they are compatible with the safety and maintenance requirements of its high-voltage equipment. The Hydro One Transmission Network can consist of steel lattice towers, monopoles, twin wood poles, overhead conductors, underground cable ducts. The transmission lines generally conduct electricity at 115kV, 230kV or 500kV.

Technical drawings for any proposal impacting transmission infrastructure and / or corridors must be reviewed and approved by Hydro One. These reviews may require several weeks or months to complete depending on the complexity of the proposal. Currently our turnaround time is about 12 – 16 week. A resubmission will require the same timelines. The drawings must be approved by Hydro One and occupation agreements must be in place prior to the commencement of any construction work.

Detailed drawings that need to be submitted include: site plan, grading, drainage, lighting, landscaping, signage (including any other above grade structures) and profiles for underground works. Additional drawings may be requested but please don't send them to us unless we ask for them.

To effectively review and provide comments, your proposal must include the following information.

- LAND/EASEMENT PROPERTY LINES: On all plan drawings, indicate and label the Hydro corridor property limits in RED.
- HYDRO ONE STRUCTURES: On all plan drawings, show all Hydro One towers, other structures and the overhead centreline of the towers, all clearly marked with colour. (Also indicate the tower numbers – these numbers will be provided by Hydro One)
- GRADES and DRAINAGE: Indicate existing and proposed grades. Grading changes must not result in standing water anywhere along the corridor.
- MAINTENANCE ACCESS ROUTE: On all plan drawings, mark in colour and label a 6.0 meter wide Hydro One maintenance access route to each Hydro One tower or other structure.
- MAINTENANCE ZONE: Indicate in colour and label a 15.0 meter radius around each Hydro One towers measured from the tower footings to indicate the Hydro One maintenance work zone. Also, show the distance from the edge of your proposed infrastructure to the edge of the nearest tower footing.
- PROPOSED UNDERGROUND SERVICES: Plans and profiles are required showing any proposed underground works.
- LIGHTING: Keep lighting as far away from our circuits as possible, toward the outer edge of the corridor. The locations and the height of each light post must be clearly described.
- LANDSCAPING: Plantings which grow to a mature height of over 3 metres are not permitted on the ROW. Hydro One has a Compatible Species List which will be provided on request.
- AREA MEASUREMENT: Hydro One requires an area measurement of the proposed area within the Hydro corridor.
- RESUBMITTED DRAWINGS: If a resubmission of drawings is required, the revised drawings must include "bubbles" over the areas where changes were made to help us identify the areas that need to be reviewed.

Your submission should include:

- **An introduction letter that briefly describes your project and the impact that it will have on the hydro corridor**
- **A neighborhood map (i.e. Google aerial map) showing the general vicinity of the proposed work**
- **Three full sized hard copies of each drawing (folded) along with an electronic copy in PDF**
- **An engineering review fee**

Liz Speller

From: Liz Speller
Sent: July-10-18 6:46 AM
To: Liz Speller
Subject: FW: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

From: rick.schatz@HydroOne.com [mailto:rick.schatz@HydroOne.com]
Sent: July-06-18 12:47 PM
To: Holly.Kerslake@parsons.com
Cc: Graham.DeRose@ontario.ca; Gus.Garron@parsons.com; Winnie.Leung@parsons.com; r.minnesconsulting@gmail.com; Larry.Sarris@ontario.ca; Liz Speller <lspeller@lgl.ca>; philip.wu@HydroOne.com; patricia.staite@HydroOne.com; Gian.Minichini@HydroOne.com
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Thanks Holly!

We will review these summarized comments and provide edits as we deem necessary. I hope to get back to you within two weeks.

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, July 06, 2018 11:58 AM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Liz Speller
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

*** Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Hi Rick,

Further to your call this morning, I have gone through and summarized the commitments to show you a ***Draft*** of what will be added to **Chapter 10, Table 10.1 of the Final EPR document** (Draft from Dec. 2017 is attached for reference). Hopefully this clarifies things for you a bit more – please let me know otherwise and we can discuss.

TRANSPORTATION / INFRASTRUCTURE IMPACTS

Hydro One Corridor	Any revision made to drawings or documents of the 407 Transitway design of facilities, within the Hydro Corridor will be consulted and approved by Hydro One prior to construction.	Pre-Construction	Hydro One
	Following consultation with Hydro one, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor.	Pre-Construction	Hydro One
	In cases where the 407 Transitway crosses under the Hydro Corridor, if the cover over the trench comprises metallic systems, requirement for further studies will be discussed with Hydro One during the Implementation Phase. The final drawings will be reviewed by Hydro One.	Pre-Construction	Hydro One
	During Implementation Phase of the Hurontario Street Station facility, due to the proximity of the existing the Hurontario Sub Station, safety requirements will be further assessed and discussed with Hydro One to make sure all Hydro One requirements are met. If the requirements are not met, a new site for the SWM pond, sufficiently distant from the Hydro Sub Station, will be identified in consultation and agreement with Hydro One.	Pre-Construction	Hydro One
	Ground clearances of all 407 Transitway facilities within the Hydro Corridor will be reviewed and verified by Hydro One, during the Implementation Phase. If Hydro One technical requirements are not met, the Transitway design will be adjusted accordingly.	Pre-Construction	Hydro One
	During the Implementation phase of the project, the 407 Transitway Design Team in coordination with Hydro One, will determine final location and layout of maintenance accesses to Hydro One facilities.	Pre-Construction	Hydro One

Additionally, I noticed the proposed change under Hydro-Gen-9 had not been updated, so I have made the correction to the attached spreadsheet.

Thanks! Let me know if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Thursday, July 05, 2018 3:53 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: 'Graham.DeRose@ontario.ca' <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; 'r.minnesconsulting@gmail.com' <r.minnesconsulting@gmail.com>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'Liz Speller' <lspeller@lgl.ca>
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Rick,

As per our phone conversation this morning, please see attached the updated response table with a modification to the commitment in **Hydro-Hu-17**. Please let us know if you are ok with the revised text.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, July 04, 2018 10:30 AM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: 'Graham.DeRose@ontario.ca' <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; 'r.minnesconsulting@gmail.com' <r.minnesconsulting@gmail.com>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'Liz Speller' <lspeller@lgl.ca>
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Rick,

After discussing this morning, we thought it would be clearer to include the January comments/responses as well. I have added these to the attached spreadsheet. Please note that the "N/A" represents comments which were only received on one of the two submission.

Thanks! Please give me a call if you have any questions or concerns.

Holly

Holly Kerslake
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From: Kerslake, Holly
Sent: Tuesday, July 03, 2018 5:55 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Rick,

Please see attached responses to Hydro One's comments below. Additionally, two drawings (revised Goreway & Dixie Road Stations) have been uploaded to the Parsons FTP for your review (you should receive a separate, automated email for this). Additionally, we will drop off hardcopies of these drawings to your offices tomorrow.

Please review the attached and let us know if you have any questions or concerns. Thank-you for taking the time to review the Draft EPR and providing feedback – your contribution is very much appreciated.

Holly

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** Responses to General Conditions comments are applicable to all five locations

407 TRANSITWAY – WEST OF HURONTARIO STREET TO EAST OF HIGHWAY 400
ENVIRONMENTAL PROJECT REPORT COMMENT AND RESPONSE LOG

Comment No.	Agency	Date Received	EPR Section	Comment (January 11, 2018)	Response (January 26, 2018)	Comment (June 5, 2018)	Response (July 4, 2018)	Proposed Changes
Scope of Review								
Hydro-Gen-1	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.	Please refer to "Proposed Changes" as described in comment Hydro-Gen-5.	This review applies only to the plans, drawings and documents submitted by the proponent to date. Any revisions to the proposal must be reviewed and approved by Hydro One prior to construction.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-1**.	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Any revision made to drawings or documents of the 407 Transitway design of facilities, within the Hydro Corridor will be consulted and approved by Hydro One prior to construction."*
Hydro-Gen-2	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Any future proposal on the subject land, including but not limited to, modified use of the present proposal, must be submitted to Hydro One for review and approval.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-2**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-1**.
Hydro-Gen-3	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	General	The comments pertaining to this review are valid for a period of 2 years, upon which time a subsequent review will be required as our requirements may have changed.	Understood.	N/A	N/A	No change to the EPR and Hydro One drawings.
Hydro-Gen-4	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	General	Detailed construction drawings are required for review prior to Hydro One's approval.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-1**.
Hydro-Gen-5	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	General	N/A	N/A	Asset Optimization (Secondary Land Use) approval is subject to, and in no way supersedes, any requirements and conditions imposed by the Hydro One Lines Technician and Land Use Agent.	Noted.	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Following consultation with Hydro One, The 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor."*
Horizontal Clearance Around Hydro One Structures								
Hydro-Gen-6	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	A 3.0 meter radius around Hydro One structures must be left unpaved for access to tower footings if necessary.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-6**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-7	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.	Agreed. The parking lots have been developed considering the 15m radius lateral clearance to the existing and potential future towers for Hydro One maintenance purposes. All parking lot preliminary layouts are being comprehensibly reviewed to ensure compliance. A commitment regarding requirement to not store material in this areas during construction will be stated as a commitment in the Final Environmental Project Report.	Hydro One requires 15 meters of clearance on all sides around its transmission structures as measured from the tower legs in order to carry out maintenance operations. This clearance must be maintained at all times, and no storage or staging activities should occur within this area during construction.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-7**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Vertical Clearance								
Hydro-Gen-8	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Construction equipment and personnel working underneath the Hydro One conductors must satisfy OSHA clearance requirements. A Hydro One Lines Technician will assist, if required, for an on-site meeting to provide guidance when working near energized facilities.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-8**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-9	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	All proposed works on the corridor are subject to adequate overhead transmission line clearance from the high voltage conductors to the proposed ground elevations. These clearances must be verified by a Hydro One Lines Technician prior to approval of any secondary land use proposal.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-9**.	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Ground clearances of all 407 Transitway facilities within the Hydro Corridor will be reviewed and verified by Hydro One, during the Implementation Phase. If Hydro One technical requirements are not met, the Transitway design will be adjusted accordingly."*
Hydro-Gen-10	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Plantings on the corridor shall have a maximum mature height of: -2.5 m for 115 kV lines -1.6 m for 230 kV lines - 3.5 m for 500 kV lines	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Plantings on the corridor shall have a maximum mature height of: -2.5 m for 115 kV lines -1.6 m for 230 kV lines - 3.5 m for 500 kV lines	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-10**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-11	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	All proposed plantings must be field-reviewed and approved by the Lines Technician.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	All proposed plantings must be field-reviewed and approved by the Lines Technician.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-11**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Corridor Conditions and Access								
Hydro-Gen-12	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	No grading/excavation work is to be carried out using heavy machinery within 10 metres of the tower footings. Hydro One may permit grading/excavation work within 10 meters of the tower footings provided this work is carried out by hand or by using a Vacuum truck (VAC) system.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-12**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-13	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Access to Hydro One facilities must not be obstructed at any time during construction, or after the proposed facilities are in service. The site must be kept free of all debris and equipment which could prohibit access to Hydro One facilities	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-13**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-14	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Hydro One requires a minimum of 6 meter-wide route longitudinally along the corridor to access each transmission structure. The access route should not have a slope greater than 10%. If the proponent fails to maintain the required access route, they will be liable for any costs incurred by Hydro One in regaining access to perform maintenance or repairs.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-14**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-15	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	No fill material must be placed on the Hydro One corridor, except with prior approval from Hydro One.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-15**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-16	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	If the proponent performs any construction activity within 10 meters of any transmission structures, they must install temporary orange snow fence erected 3 meters around tower footprint. This fence must be maintained in an upright position for the duration of construction.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-16**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-17	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	All underground utilities have to be designed to allow for vehicular traffic to pass over. Type of vehicles to be accommodated includes large utility vehicles and cranes.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Storm Water Management								
Hydro-Gen-18	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	The proposal shall not interfere with the natural drainage patterns or result in standing water anywhere on the affected stretch of the Hydro One corridor.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-18**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-19	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	The proponent will be held liable for any damage to Hydro One facilities, as a result of flooding or standing water caused by the proposal.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-19**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-20	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.	Understood.	Any proposed catch basins on the Hydro One corridor must be located within a paved roadway.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-20**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Safety & Security								
Hydro-Gen-21	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	General	The proponent must meet with the Hydro One Lines Technician assigned to this project, prior to the start of construction, in order to obtain an entry permit and to discuss clearance issues.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-22	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	General	Additionally, a pre-construction meeting with the Hydro One Land Use Agent/Environmental Technician assigned to the project, is required to ensure that the proponent and/or its contractors are well aware of all safety requirements.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-23	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	The proponent is responsible for maintaining security of the site and for the safety of the people working within the corridor.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-23**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Liabilities								
Hydro-Gen-24	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	The Proponent will assume all liability associated with this secondary land use proposal.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	The Proponent will assume all liability associated with this secondary land use proposal.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-24**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-25	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	In the case of Hydro One emergency work, the proponent may be required to suspend their operations without notice until Hydro One crews have completed the emergency work.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-25**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-26	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Any relocation, modification or repair of Hydro One facilities as a result of the proposal will be carried out by Hydro One at the proponent's expense.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-26**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-27	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	The Proponent is responsible for arranging all underground locates prior to digging, auguring or performing any excavation works on the Hydro One corridor.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-27**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-28	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Hydro One is not responsible for any damages or injuries resulting from the effect of adverse weather conditions. This would include any damages or injuries from ice falling from structures or conductors as a result of an ice storm.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-28**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-29	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Hydro One may, at its sole discretion, interrupt the proponent's occupation of the transmission corridor at any time during construction or post construction, to perform maintenance or emergency repairs. Hydro One will not be liable for any damages suffered by the proponent due to this interruption.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-29**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Prohibited Activities								
Hydro-Gen-30	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	Buildings are not permitted on the transmission corridors. This prohibition includes, but is not limited to, temporary structures such as tents and construction trailers.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-30**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-31	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	There shall be no storage of any material on the Right of Way ("ROW") without permission of Hydro One. Any debris on the ROW shall be removed on an ongoing basis.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-31**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-32	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	There shall be no storage or tipping of garbage dumpsters on the ROW.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	There shall be no storage or tipping of garbage dumpsters on the ROW.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-32**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.
Hydro-Gen-33	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018 June 5, 2018	General	There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	There shall be no storage or dispensing of gasoline, or any other combustible substance, on the Hydro One ROW.	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Gen-33**.	Please refer to "Proposed Changes" as described in comment **Hydro-Gen-5**.

407 TRANSITWAY – WEST OF HURONTARIO STREET TO EAST OF HIGHWAY 400 ENVIRONMENTAL PROJECT REPORT COMMENT AND RESPONSE LOG							
Comment No.	**Agency**	**Date Received**	**EPR Section**	**Comment**	**Response (January 26, 2018)**	**Response (July 4, 2018)**	**Proposed Changes**
Hydro-Hu-1	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	We have identified that there is insufficient clearances over the proposed potential parking area under 230kV V41H/V42H between Structure #66 and #67. Mitigation methods must be studied at detailed design stage should parking proceed at this location.	To ensure compliance with Hydro One vertical clearance requirements, we would need actual elevations of the cable sags between towers. A commitment for future implementation phases of the 407 Transitway in regards to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One, will be stated in the Final Environmental Project Report.	N/A	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Following consultation with Hydro one, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor."*
Hydro-Hu-2	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The elevations of proposed bus lanes and maintenance lanes crossing under 230kV V41H/V42H, 500kV M570V/V586M and 500kV B560V/M571V between Hurontario SS and Hurontario Street are missing. It would appear that there will be clearance issues for both the east and west sides of Hurontario Street. Overhead clearances must be reviewed to confirm if the clearances are acceptable. Mitigation measures may be required.	Agreed. Elevations are included in the revised drawings. A commitment for future implementation phases of the 407 Transitway in regard to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-1**.
Hydro-Hu-3	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The elevations of proposed bus lanes crossing under 230kV R19TH/R21TH are not provided. It would appear that there will be clearance issues for both the east and west sides of Hurontario Street. Overhead clearances must be reviewed at detailed design stage. Mitigation measures may be required.	Agreed. Elevations are included in the revised drawings. A commitment for future implementation phases of the 407 Transitway in regards to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One, will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-1**.
Hydro-Hu-4	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The busway, although not shown, appears to be headed very near to tower 35B. The busway alignment should be a minimum 15 metres from the edge of that tower.	The Transitway facilities, including runningway preliminary design, is compliant with the 15m. minimum clearance from edge of towers.	N/A	No change to the EPR and Hydro One drawings.
Hydro-Hu-5	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The proposed access driveway leading to the easterly parking area is located within 15 metres from the proposed new tower. The driveway should be a minimum of 15 metres from that proposed tower location.	Revised.	N/A	Hydro One drawing PLATE 1 in Appendix A "Consultation" of the EPR, PLATE S-1A in Chapter 5 of the EPR and FIGURE F-1 in "Appendix C Drainage Report" have been updated to provide a minimum of 15m from the towers.
Hydro-Hu-6	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The proposed station platform shall not be located on the Hydro One right of way.	The Station platform is approximately 9m. underground. Once built, the Station trench will be covered. The Station will be built following the cut and cover method.	N/A	No change to the EPR and Hydro One drawings.
Hydro-Hu-7	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The parking areas west of Hurontario Street are very close to Hydro One's Hurontario Sub Station (Hurontario SS). Induction and/or grounding studies must be carried out at detailed design stage at Metrolinx' expense and mitigation measures may be required.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-1**.

Hydro-Hu-8	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	During the detailed design/construction phase, the contractor must consult and get approval from Hydro One regarding the support methods being proposed, and the distance of the edge of cut to the nearest tower footing at 230kV V41H/V42H Structure #67.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-1**.
Hydro-Hu-9	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	Cross sections of the proposed tunnels are missing. If the tunnels are sheltered by metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.	The Transitway will be constructed using the cut and cover method (as opposed to tunnel) across the Hydro Corridor.	N/A	No change to the EPR and Hydro One drawings.
Hydro-Hu-10	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	Grading and drainage plans are missing for the areas containing proposed parking lots and storm water management pond. Detailed design must be reviewed by Hydro One.	Agreed. Preliminary grading and drainage plans are being provided to Hydro One for review. A commitment for future implementation phases of the 407 Transitway in regard to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-1**.
Hydro-Hu-11	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Hurontario Street Station Area	The Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-1**.
Hydro-Hu-12	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	At Hurontario Rd. to the west of the proposed MX Transitway, more details of development are required to ascertain whether Hydro One underground 2x230 kV circuits to Jim Yarrow TS are affected or not.	N/A	The Hydro One underground 2x230kv circuits to Jim Yarrow TS are not affected by the 407 Transitway proposed layout.	No change to the EPR and Hydro One drawings.
Hydro-Hu-13	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	The presence of station platforms raises issues related to the reliability of the transmission lines and the safety and annoyance of occupants. Induced current and voltage shocks from building components are possible even in the reduced electrical field beyond the edge of the right of way. Such shocks can lead to inadvertent startle responses that could be hazardous. The structure requires evaluation such as height, size and material, adequate grounding, field levels and comfort issues since public access and use is involved and limits on the construction and maintenance activities by the applicant. The proponent shall explore other options to relocate the station platform.	N/A	Please refer to "Response (January 26, 2018)" as described in comment **Hydro-Hu-6**.	No change to the EPR and Hydro One drawings.
Hydro-Hu-14	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	Given that the Transitway will be constructed by the proponent using the cut and cover method across the Hydro One right of way as shown in PLATE 01 dated 01/18/2018, if the cover comprises metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.	N/A	Noted. A commitment in this regard has been added to the Environmental Project Report (EPR).	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"In cases where the 407 Transitway crosses under the Hydro Corridor, if the cover over the trench comprises metallic systems, requirement for further studies will be discussed with Hydro One during the Implementation Phase. The final drawings will be reviewed by Hydro One."*

Hydro-Hu-15	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	The presence of storm water pond in PLATE F-1 on Hydro One right of way and in close proximity to Hurontario SS can cause nuisance shocks from persons to ground and between persons near the ponds. In the event of a nearby fault, the storm water pond may concentrate fault currents and cause injury or death in the pond. The proponent shall remove this pond from Hydro One right of way.	N/A	Noted. A commitment is being added to the EPR document.	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: "*During Implementation Phase of the Hurontario Street Station facility, due to the proximity of the existing the Hurontario SS, safety requirements will be further assessed and discussed with Hydro One to make sure all Hydro One requirements are met. If the requirements are not met, a new site for the SWM pond, sufficiently distant from the Hydro SS, will be identified in consultation and agreement with Hydro One.*"
Hydro-Hu-16	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	The drainage area boundary in PLATE F-1 dated Dec. 2017 must be updated without storm water ponds and submitted for review again.	N/A	Noted. The boundary shown on PLATE F-1 corresponds to the station facility layout, including proposed stormwater ponds.	Legend on PLATE F-1 included in "Appendix C: Drainage Report" has been modified to read: "*407 Transitway boundary considered in the Drainage Analysis.*"
Hydro-Hu-17	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	Ground clearances for parking areas and the Transitway and bus lane crossings at locations with the following line spans must be reviewed by Hydro One transmission line design technician: o 230kV V41H/V42H in the line section of CARDIFF TS X HURONTARIO SS. o 500kV M570V, V586M, B560V and M571V in the line section of MILTON SS X CLAIREVILLE TS.	N/A	The horizontal and vertical design of the 407 Transitway facilities in Environmental Assessment (TPAP) was conducted based on Digital Terrain Model (DTM) data. The Implementation Phase of the facilities, prior to construction, will be conducted based on detailed field topographic data. At this and all locations where the proposed facilities cross or are located under Hydro One transmission lines, ground clearances between the 407 Transitway facilities and the transmission lines will be consulted with Hydro One, and final drawings will be reviewed by Hydro One. A commitment in this regard has been added to the EPR. (*Please review text as it applies to several comments)*	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: "*Ground clearances of all 407 Transitway facilities within the Hydro Corridor will be reviewed and verified by Hydro One, during the Implementation Phase. If Hydro One technical requirements are not met, the Transitway design will be adjusted accordingly.*"
Hydro-Hu-18	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections: o Between Structure #64 and #67 of 230kV V41H/V42H in the line section of CARDIFF TS X HURONTARIO SS; o Between Structure #64 and #67B of 500kV M570V in the line section of MILTON SS X CLAIREVILLE TS; o Between Structure #64 and #67 of 500kV V586M in the line section of MILTON SS X CLAIREVILLE TS; o Between Structure #64 and #67B of 500kV B560V in the line section of MILTON SS X CLAIREVILLE TS; and o Between Structure #64 and #67 of 500kV M571V in the line section of MILTON SS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.

Hydro-Hu-19	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	Hydro One requires uninterrupted access to all Hydro towers. In the two locations where the transitway crosses the hydro corridor the drawings must show a 6 m wide crossing with curb cuts, for our access requirements. The access must be no steeper than 10% grade with no sharp turns to allow large vehicles including floats to access.	N/A	Noted. The Environmental Assessment (TPAP) of the 407 Transitway facilities has been conducted considering uninterrupted access to all Hydro towers. During the Implementation phase of the project, the 407 Transitway Design Team in coordination with Hydro One, will determine final location and layout of maintenance accesses to the Hydro facilities. A commitment in this regard has been added to the Environmental Project Report (EPR).	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: "*During the Implementation phase of the project, the 407 Transitway Design Team in coordination with Hydro One, will determine final location and layout of maintenance accesses to Hydro One facilities.*"
Hydro-Hu-20	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Hurontario Street Station Area	All drawings submitted must show basic HONI requirements. Refer to attachment for details.	N/A	Basic HONI requirements are shown on the Hydro One drawing set where the 407 Transitway impacts the Hydro One Corridor.	No change to the EPR and Hydro One drawings.

407 TRANSITWAY – WEST OF HURONTARIO STREET TO EAST OF HIGHWAY 400 ENVIRONMENTAL PROJECT REPORT COMMENT AND RESPONSE LOG							
Comment No.	**Agency**	**Date Received**	**EPR Section**	**Comment**	**Response (January 26, 2018)**	**Response (July 4, 2018)**	**Proposed Changes**
Hydro-Dix-1	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Dixie Road Area	There is insufficient clearance over the proposed parking lot and the potential parking areas under 230kV V41H/V42H between Structure #46 and #47 and, 500kV M570V between Structure #84B and 86B and 500kV V586M Structure #84 and #86. Mitigation methods must be studied at detailed design stage.	To ensure compliance with Hydro One vertical clearance requirements, we would need actual elevations of the cable sags between towers. A commitment for future implementation phases of the 407 Transitway in regards to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One will be stated in the Final Environmental Project Report.	N/A	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Following consultation with Hydro one, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor."*
Hydro-Dix-2	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Dixie Road Area	The elevations of the access roads to the proposed parking and potential parking areas are missing. Overhead clearances must be reviewed deemed acceptable at the detailed design stage.	Agreed. Elevations are included in the revised drawings. A commitment for future implementation phases of the 407 Transitway in regards to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Dix-1**.
Hydro-Dix-3	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Dixie Road Area	Grading and drainage plans are missing for the areas containing proposed parking lots and storm water management pond. Detailed design must be reviewed by Hydro One.	Agreed. Preliminary grading and drainage plans are being provided to Hydro One for review. A commitment for future implementation phases of the 407 Transitway in regards to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Dix-1**.
Hydro-Dix-4	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Dixie Road Area	Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Dix-1**.
Hydro-Dix-5	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Dixie Road Area	The proposed storm water management pond and parking area eliminates Hydro One's access route. Metrolinx must design and construct an appropriate alternative access route, suitable to Hydro One's purposes.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Dix-1**.
Hydro-Dix-6	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Dixie Road Area	The presence of storm water pond and parking lot in FIGURE F-2 dated Nov. 2017 on Hydro One right of way impedes Hydro One access route. An alternative route but be designed, approved and provided.	N/A	A Hydro One alternative access route, no longer in conflict with the stormwater pond has been included in the EPR.	Hydro One drawing PLATE 2 in Appendix A "Consultation" of the EPR, PLATE S-2A in Chapter 5 of the EPR and FIGURE F-2 in" Appendix C: Drainage report" have been updated to include a Hydro One alternative access route.
Hydro-Dix-7	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Dixie Road Area	The drainage area boundary in FIGURE F-2 dated Nov. 2017 must be clarified with further details and submitted for review again.	N/A	Noted. The boundary shown on PLATE F-2 corresponds to the station facility layout. A label of it has been edited in the corresponding drawing.	Legend on PLATE F-2 included in "Appendix C: Drainage Report" has been modified to read: "*407 Transitway boundary considered in the Drainage Analysis*".
Hydro-Dix-8	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Dixie Road Area	Ground clearances for parking areas and access routes at locations with the following line spans must be reviewed by Hydro One transmission line design technician: o 230kV V41H/V42H in the line section of BRAMALEA TS X CARDIFF TS; o 500kV M570V and V586M in the line section of MILTON SS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.

Hydro-Dix-9	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Dixie Road Area	In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections: o Between Structure #46 and #47 of 230kV V41H/V42H in the line section of BRAMALEA TS X CARDIFF TS; o Between Structure #84B and #86B of 500kV M570V in the line section of MILTON SS X CLAIREVILLE TS; and o Between Structure #84 and #86 of 500kV V586M in the line section of MILTON SS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.
Hydro-Dix-10	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Dixie Road Area	All drawings submitted must show basic HONI requirements. Refer to attachment for details.	N/A	Basic HONI requirements are shown on the Hydro One drawing set where the 407 Transitway impacts the Hydro One Corridor.	No change to the EPR and Hydro One drawings.

407 TRANSITWAY – WEST OF HURONTARIO STREET TO EAST OF HIGHWAY 400
ENVIRONMENTAL PROJECT REPORT COMMENT AND RESPONSE LOG

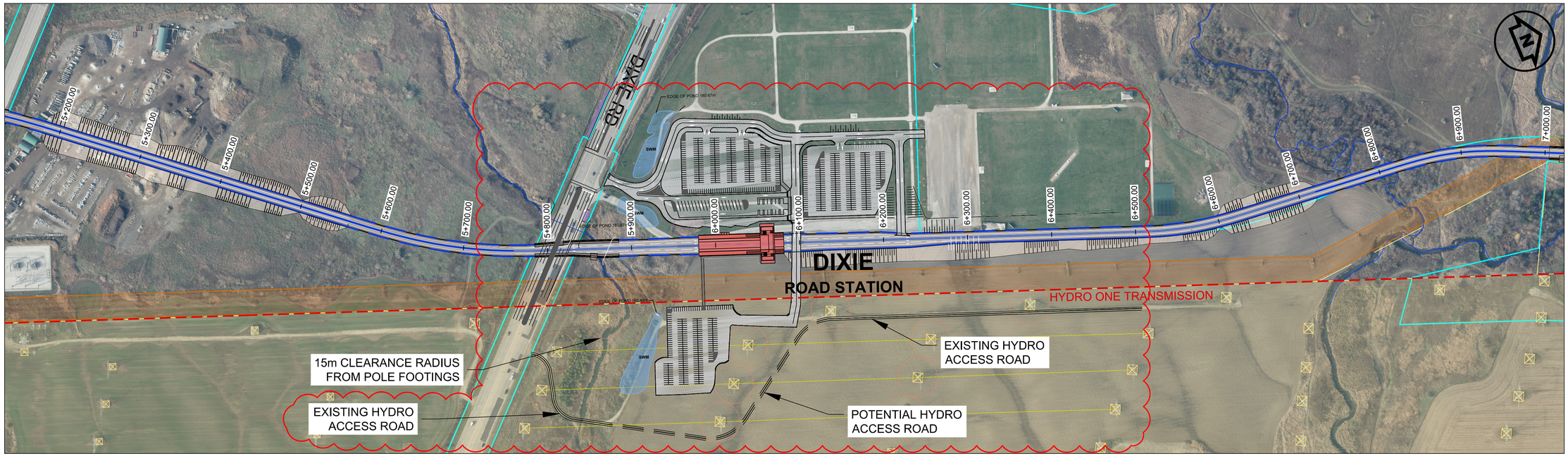
Comment No.	Agency	Date Received	EPR Section	Comment	Response (January 26, 2018)	Response (June 2018)	Proposed Changes
Hydro-Gor-1	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Goreway Drive Area	The proposed station platform must be moved out of Hydro One right of way.	Station platform has been adjusted to avoid any encroachment to Hydro Corridor.	N/A	Hydro One drawing PLATE 3 in Appendix A "Consultation" of the EPR, PLATE S-3A in Chapter 5 of the EPR and FIGURE F-4 in "Appendix C Drainage Report" have been updated to provide a minimum of 15m from the towers.
Hydro-Gor-2	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Goreway Drive Area	During the detailed design/construction phase, the contractor must consult and get approval from Hydro One regarding the support methods being proposed, and the distance of the edge of cut to the nearest tower footing at 230kV V41H/V42H Structure #25.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Following consultation with Hydro one, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor."*
Hydro-Gor-3	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Goreway Drive Area	The elevations of proposed bus only lanes crossing under 500kV M571V line span between Structure #107 and #108 are missing. Overhead clearance must be reviewed at detailed design stage. Mitigation measures may be required.	Agreed. Elevations are included in the revised drawings. A commitment for future implementation phases of the 407 Transitway in regards to compliance with overhead clearances and other Hydro One requirements, as well as consultation and acceptance from Hydro One will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Gor-2**.
Hydro-Gor-4	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Goreway Drive Area	Cross sections of the proposed tunnels are missing. If the tunnels are sheltered by metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.	The Transitway will be constructed using the cut and cover method (as opposed to tunnel) across the Hydro Corridor.	N/A	No change to the EPR and Hydro One drawings.
Hydro-Gor-5	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Goreway Drive Area	Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-Gor-2**.
Hydro-Gor-6	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Goreway Drive Area	The proponent's drawing titled "407 TRANSITWAY HYDRO CORRIDOR CROSSING LOCATION 3: WEST OF GOREWAY" dated 10/30/2017 has the following errors: o 230kV V41H/V42H transmission center line should connect Structure #25 to #26 and continues. o 500kV M570V transmission center line should connect Structure #107B to #106B and continues instead of connecting to 230kV V41H/V42H Structure #25. o 500kV M586M transmission center line should connect Structure #107 to #106 and continues instead of connecting to 500kV M570V Structure #106B.	The transmission lines have been corrected.	N/A	Hydro One drawing PLATE 3 in Appendix A "Consultation" of the EPR has been updated with corrected transmission lines.
Hydro-Gor-7	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	Given that the Transitway will be constructed by the proponent using the cut and cover method across the Hydro One right of way as shown in PLATE 03 dated 01/18/2018, if the cover comprises metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-14**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-14**.

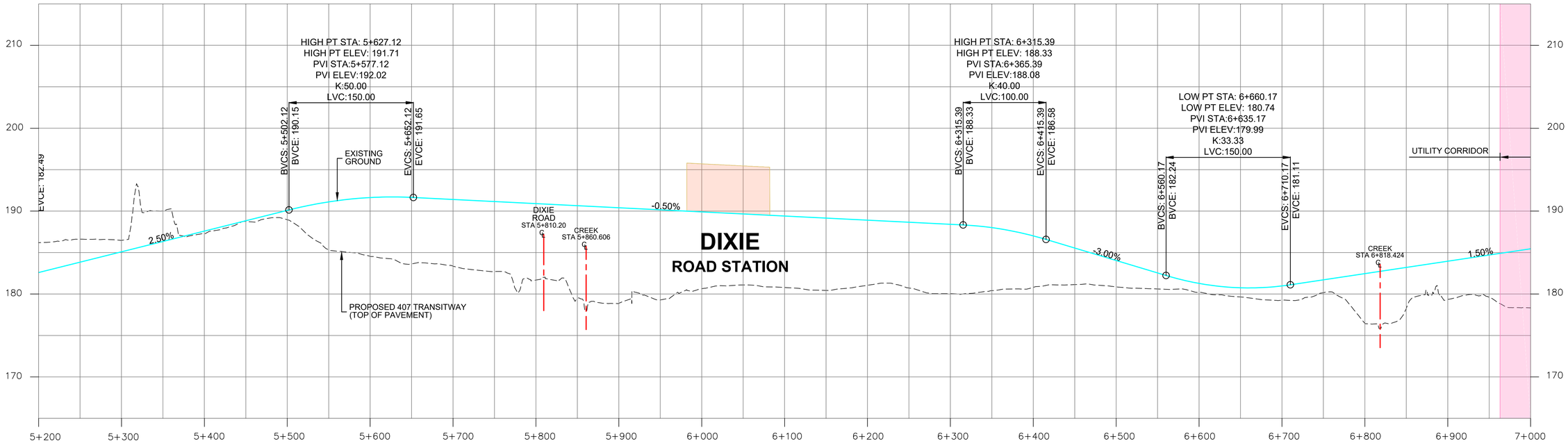
Hydro-Gor-8	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	The drainage area boundary in FIGURE F-4 dated Nov. 2017 shall not encroach on the 15m limit at 230kV V41H/V42H Structure #25 in the line section of CLAIREVILLE TS X SITHE GORWAY JCT.	N/A	Noted. The boundary shown on PLATE F-4 corresponds to the station facility layout including stormwater ponds, not to the drainage boundary. The label of it has been edited in the corresponding drawing.	Legend on PLATE F-4 included in "Appendix C: Drainage Report" has been modified to read: "*407 Transitway boundary considered in the Drainage Analysis.*"
Hydro-Gor-9	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	Ground clearances at the following locations must be reviewed by Hydro One transmission line design technician: o The Transitway crossing at 230kV V41H/V42H in the line section of CLAIREVILLE TS X SITHE GOREWAY JCT; o The Transitway crossing at 500kV M570V, V586M, B560V and M571V in the line section of MILTON SS X CLAIREVILLE TS; and o The Bus only lane crossing at 500kV M571V in the line section of MILTON SS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.
Hydro-Gor-10	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections: o Between Structure #25 and #26 of 230kV V41H/V42H in the line section of CLAIREVILLE TS X SITHE GOREWAY JCT; o Between Structure #107B and #108B of 500kV M570V in the line section of MILTON SS X CLAIREVILLE TS; o Between Structure #107 and #108 of 500kV V586M in the line section of MILTON SS X CLAIREVILLE TS; o Between Structure #107B and #108B of 500kV B560V in the line section of MILTON SS X CLAIREVILLE TS; and o Between Structure #107 and #108 of 500kV M571V in the line section of MILTON SS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.
Hydro-Gor-11	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	Hydro One requires uninterrupted access to all Hydro towers. In the location where the transitway crosses the hydro corridor the drawings must show a 6 m wide crossing with curb cuts, for our access requirements. The access must be no steeper than 10% grade with no sharp turns to allow large vehicles including floats to access.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-19**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-19**.
Hydro-Gor-12	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	We will require details of the grading proposed at 11+700.00.	N/A	A cross section illustrating the proposed grading at station 11+700 has been included.	Hydro One drawing Plate 3 in Appendix A "Consultation" of the EPR has been edited to include cross section at 11+700.
Hydro-Gor-13	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Goreway Drive Area	All drawings submitted must show basic HONI requirements. Refer to attachment for details.	N/A	Basic HONI requirements are shown on the Hydro One drawing set where the 407 Transitway impacts the Hydro One Corridor.	No change to the EPR and Hydro One drawings.

407 TRANSITWAY – WEST OF HURONTARIO STREET TO EAST OF HIGHWAY 400 ENVIRONMENTAL PROJECT REPORT COMMENT AND RESPONSE LOG							
Comment No.	**Agency**	**Date Received**	**EPR Section**	**Comment**	**Response (January 26, 2018)**	**Response (June 2018)**	**Proposed Changes**
Hydro-PV-1	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Pine Valley Drive Area	Hydro One has future plans for a 230kV double circuit on the north side of the corridor. The proposed road alignment from station 20500 to 21200 interferes with our future plans. Given that the remaining width is already very narrow, accommodating both the transit way and a future overhead line will not be possible. Other options would be installing UG cables or re-aligning the transit way by the proponent (e.g. to the South of the corridor).	Agreed. Included in the revised package is a revised alignment option to avoid impact on the future planned 230kv line.	N/A	Hydro One drawing PLATE 4 in Appendix A "Consultation" of the EPR and Plan and Profile PLATE 33 in Chapter 5 of the EPR have been updated to avoid impact on the future planned 230kv line.
Hydro-PV-2	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Pine Valley Drive Area	In the span of 500kV C552V/C553VP Structure #170 and #171, and in the span of 500kV C550VP/C551V Structure #166 and #167, insufficient overhead clearances have been identified. Hydro One suggests the proponent change the road alignment. It also helps to bring the road alignment away from north side of the corridor.	As indicated in the response to the previous comment, a revised alignment option is provided.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-PV-1**.
Hydro-PV-3	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Pine Valley Drive Area	From Toronto Star PH JCT and Toronto Star JCT to west of 230kV V71P/V75P Structure #158, the impact of the proposed road alignment on Hydro One underground cables must be reviewed at detailed design stage.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	The following commitment in Chapter 10 – Commitments, Table 10.1 of the EPR has been added: *"Following consultation with Hydro one, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor."*
Hydro-PV-4	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Pine Valley Drive Area	Cross sections of the proposed tunnels are missing. If the tunnels are sheltered by metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.	The Transitway will be constructed using the cut and cover method (as opposed to tunnel) across the Hydro Corridor.	N/A	No change to the EPR and Hydro One drawings.
Hydro-PV-5	Hydro One, Richard (Rick) Schatz SR/WA	January 11, 2018	Pine Valley Drive Area	Transmission lines design technician and land use agent must confirm overhead clearances and review access issues at detailed design stage.	Agreed. A commitment in this regard will be stated in the Final Environmental Project Report.	N/A	Please refer to "Proposed Changes" as described in comment **Hydro-PV-3**.
Hydro-PV-6	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Pine Valley Drive Area	Given that the Transitway will be constructed by the proponent using the cut and cover method across the Hydro One right of way as shown in PLATE 04 dated 01/18/2018, if the cover comprises metallic systems, further studies may be required. Detailed design must be reviewed by Hydro One.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-14**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-14**.
Hydro-PV-7	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Pine Valley Drive Area	Ground clearances for Transitway at crossing locations with the following line spans must be reviewed by Hydro One transmission line design technician: o 230kV V71P/V75P in the line section of CLAIREVILLE TS X TORONTO STAR JCT; o 500kV C552V/C553VP in the line section of PARKWAY TS X CLAIREVILLE TS; and o 500kV C551V/C550VP in the line section of PARKWAY TS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.

Hydro-PV-8	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Pine Valley Drive Area	In order to facilitate the ground clearance review, proponent shall provide both existing and proposed ground profiles along Hydro One transmission line center lines for following line sections: o Between Structure #165 and #166, Structure #168 and #169 of 230kV V71P/V75P in the line section of CLAIREVILLE TS X TORONTO STAR JCT; o Between Structure #170 and #171, Structure #173 and #174 of 500kV C552V/C553VP in the line section of PARKWAY TS X CLAIREVILLE TS; and o Between Structure #166 and #167, Structure #169 and #170 of 500kV C551V/C550VP in the line section of PARKWAY TS X CLAIREVILLE TS.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-17**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-17**.
Hydro-PV-9	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Pine Valley Drive Area	Hydro One requires uninterrupted access to all Hydro towers. In the two locations where the transitway crosses the hydro corridor the drawings must show a 6 m wide crossing with curb cuts, for our access requirements. The access must be no steeper than 10% grade with no sharp turns to allow large vehicles including floats to access.	N/A	Please refer to "Response (June 2018)" as described in comment **Hydro-Hu-19**.	Please refer to "Proposed Changes" as described in comment **Hydro-Hu-19**.
Hydro-PV-10	Hydro One, Richard (Rick) Schatz SR/WA	June 5, 2018	Pine Valley Drive Area	All drawings submitted must show basic HONI requirements. Refer to attachment for details.	N/A	Basic HONI requirements are shown on the Hydro One drawing set where the 407 Transitway impacts the Hydro One Corridor.	No change to the EPR and Hydro One drawings.

METRIC





Ontario PARSONS IBI GROUP

SCALE

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LEGEND

FILL STATION PLATFORM CUT
RETAINING WALL RUNNING WAY STRUCTURE TUNNEL

HYDRO CORRIDOR
UTILITY CORRIDOR

PLAN

EXISTING HYDRO STRUCTURES & LINES
FUTURE HYDRO STRUCTURES & LINES (APPROX.)
WATERCOURSE
EXISTING PROPERTY LINE

PROFILE

EXISTING GROUND
PROPOSED PROFILE
HYDRO CORRIDOR
UTILITY CORRIDOR

407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 2: DIXIE RD. AREA

DRAWING SET PLAN AND PROFILE

PLATE 02

DATE 06/19/2018

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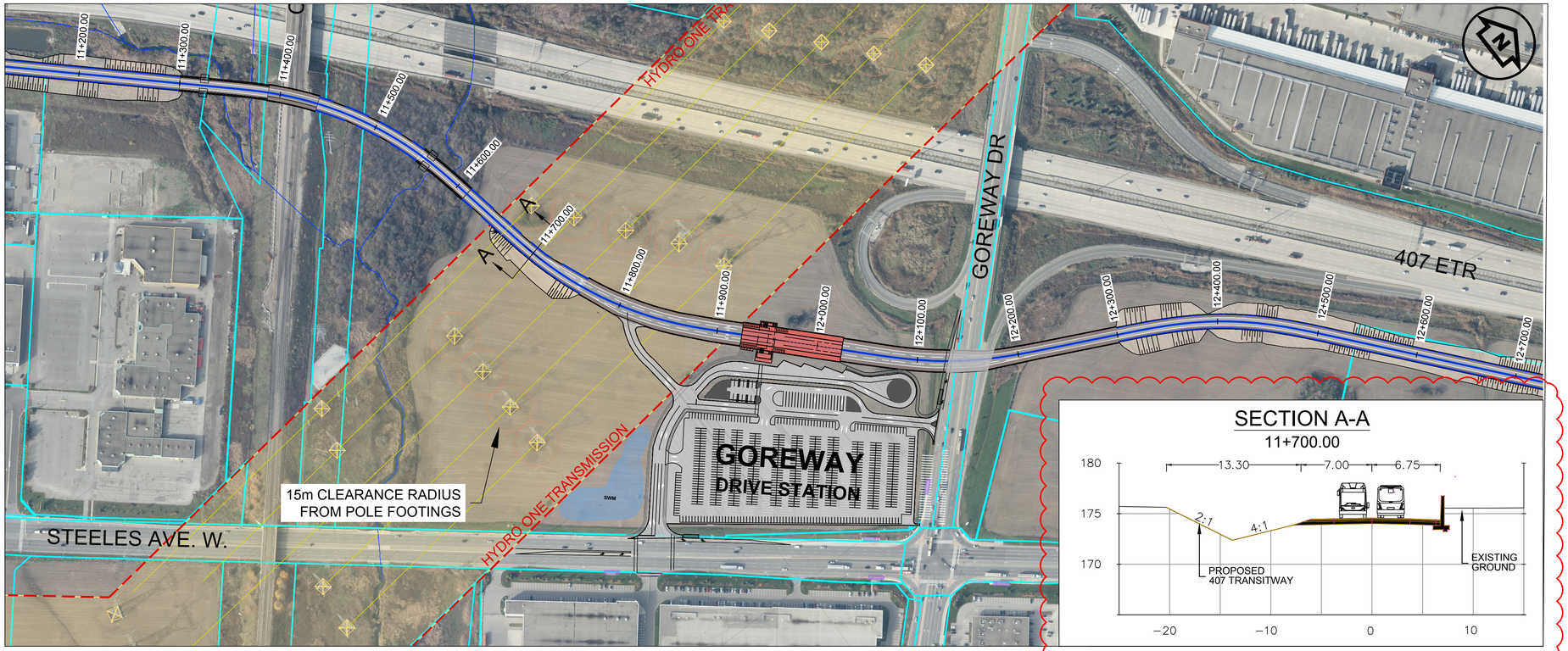

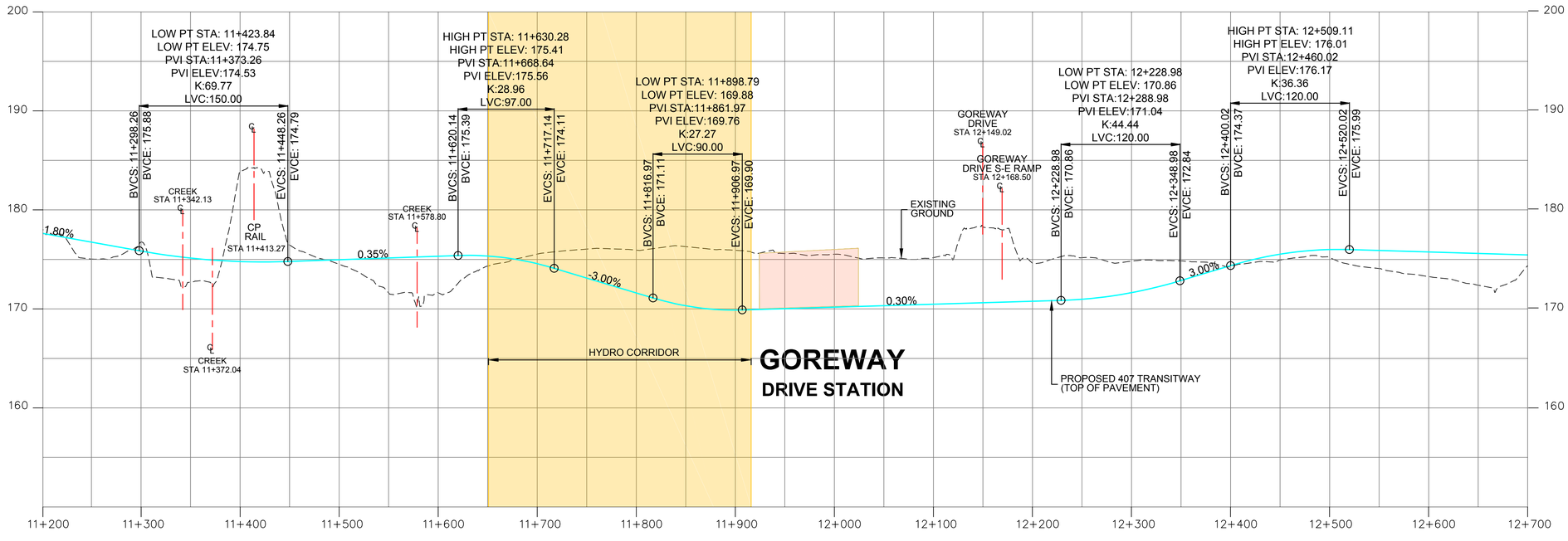

Ontario PARSONS IBI GROUP

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LEGEND

PLAN

FILL STATION PLATFORM CUT
RUNNING WAY STRUCTURE TUNNEL
RETAINING WALL

HYDRO CORRIDOR
UTILITY CORRIDOR

EXISTING HYDRO STRUCTURES & LINES
FUTURE HYDRO STRUCTURES & LINES (APPROX.)
WATERCOURSE
EXISTING PROPERTY LINE

PROFILE

EXISTING GROUND
PROPOSED PROFILE
HYDRO CORRIDOR
UTILITY CORRIDOR

407 TRANSITWAY
HYDRO CORRIDOR CROSSING
LOCATION 3: WEST OF GOREWAY DR.

DRAWING SET PLAN AND PROFILE

PLATE 03

DATE 06/19/2018

DRAWING NAME: J:\TOR\602896 ON-MTO 407 TRANSITWY HURONTARIO-HWY 400\TT\5 General\03 - Drawings\6 - Plates\Hydro\HYDRO DISCUSSION 2018.6.20.dwg
CREATED:
MODIFIED: Jun 26, 2018 - 10:56am MODTIME

From: Liz Speller
To: Liz Speller
Subject: FW: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132
Date: August-12-18 10:57:36 AM

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: August-07-18 4:00 PM
To: rick.schatz@HydroOne.com
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Larry.Sarris@ontario.ca; Liz Speller <lspeller@lgl.ca>; YuSan.Ong@HydroOne.com; philip.wu@HydroOne.com
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Great, thanks Rick. We will revise according to your change in red below.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com <rick.schatz@HydroOne.com>
Sent: Tuesday, August 07, 2018 3:41 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Larry.Sarris@ontario.ca; lspeller@lgl.ca; YuSan.Ong@HydroOne.com; philip.wu@HydroOne.com
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Holly,

I'm OK with how you have this formatted but I think the language needs to be a little stronger with regard to the 2nd paragraph. Instead of writing "will be discussed" I would request it be changed to "may be required"

Regards,

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Thursday, July 26, 2018 1:20 PM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Larry.Sarris@ontario.ca; lspeller@lgl.ca; ONG Yu-San; WU Liping (Philip)
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

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Hi Rick,

Thank-you for your comments below. In order to avoid repetitions, we are grouping the commitments in the Environmental Project Report as shown below. We have included your comments in the revised table below.

Please let me know if you are fine with the revised table.

ENVIRONMENTAL FACTOR	COMMITMENT	PHASE	AGENCIES TO BE CONSULTED
Hydro One Corridor	**Prior and during the Implementation Phase, MTO will consult, discuss and reach agreement with Hydro One on the following:** • **Any revisions made to the 407 Transitway facility design drawings or documents, within the Hydro Corridor** • **The need for further studies, mitigation measures or Transitway adjustments, in situations where the 407 Transitway crosses under the Hydro transmission lines, if the cover over the trench comprises metallic systems. Final drawings will be reviewed by Hydro One.** • **Ground clearances of all 407 Transitway facilities within the Hydro Corridor. If Hydro One technical requirements have not been achieved, the Transitway design will be adjusted accordingly.** • **Final location and layout of maintenance accesses to Hydro One facilities**	Pre-Construction	Hydro One
	The 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor. Where the Transitway is located within the Hydro Corridor, final drawings will be reviewed and accepted by Hydro One. If Hydro One technical requirements are not met, mitigation measures and/or adjustments to the Transitway design ~~will be discussed~~ may be required.	Pre-Construction	Hydro One
	During the Implementation Phase of the Hurontario Street Station facility, due to the proximity of the existing the Hurontario Substation, Safety requirements will be further assessed and discussed with Hydro One to make sure all Hydro One requirements are met. If the requirements are not met, a new site for the SWM pond, sufficiently distant from the Hydro Substation, will be identified in consultation and agreement with Hydro One.	Pre-Construction	Hydro One

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: rick.schatz@HydroOne.com <rick.schatz@HydroOne.com>
Sent: Thursday, July 19, 2018 1:16 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Larry.Sarris@ontario.ca; lspeller@lgl.ca; YuSan.Ong@HydroOne.com; philip.wu@HydroOne.com
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Holly,

We had a chance to review the table and the summarized commitments; and request that the commitments be revised as follows:

TRANSPORTATION / INFRASTRUCTURE IMPACTS			
Hydro One Corridor	**Any revision made to drawings or documents of the 407 Transitway design of facilities, within the Hydro Corridor will be consulted and approved by Hydro One prior to construction.**	**Pre-Construction**	**Hydro One**
	Following consultation with Hydro One, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements and may require further studies within the Hydro Corridor. The final drawings to be reviewed and approved by Hydro One. If Hydro One technical requirements are not met, mitigation measures may be required and / or the Transitway design may need to be adjusted accordingly.	**Pre-Construction**	**Hydro One**
	In cases where the 407 Transitway crosses under the Hydro Corridor, if the cover over the trench comprises metallic systems, requirement for further studies will be discussed with Hydro One during the Implementation Phase. If Hydro One technical requirements are not met, mitigation measures may be required and / or the Transitway design may need to be adjusted accordingly.	**Pre-Construction**	**Hydro One**
	During Implementation Phase of the Hurontario Street Station facility, due to the proximity of the existing Hurontario Sub Station, safety requirements will be further assessed and discussed with Hydro One to make sure all Hydro One requirements are met. If the requirements are not met, a new site for the SWM pond, sufficiently distant from the Hydro Sub Station will be identified in consultation and agreement with Hydro One.	**Pre-Construction**	**Hydro One**
	Ground clearances of all 407 Transitway facilities within the Hydro Corridor will be reviewed and verified by Hydro One, during the Implementation Phase. If Hydro One technical requirements are not met, mitigation measures may be required and / or the Transitway design will be adjusted accordingly.	**Pre-Construction**	**Hydro One**
	During the Implementation phase of the project, the 407 Transitway Design Team in coordination with Hydro One, will determine final location and layout of maintenance accesses to Hydro One facilities.	**Pre-Construction**	**Hydro One**

Thanks

Richard (Rick) Schatz SR/WA
Senior Real Estate Coordinator

Hydro One Networks Inc.
Tel: 905-946-6233
Cell: 416.735.2909
Email: Rick.Schatz@HydroOne.com

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Friday, July 06, 2018 11:58 AM
To: SCHATZ Richard
Cc: Graham.DeRose@ontario.ca; Garron, Gus; Leung, Winnie; r.minnesconsulting@gmail.com; Sarris, Larry (MTO); Liz Speller
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

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Hi Rick,

Further to your call this morning, I have gone through and summarized the commitments to show you a ***Draft*** of what will be added to **Chapter 10, Table 10.1 of the Final EPR document** (Draft from Dec. 2017 is attached for reference). Hopefully this clarifies things for you a bit more – please let me know otherwise and we can discuss.

TRANSPORTATION / INFRASTRUCTURE IMPACTS			
Hydro One Corridor	**Any revision made to drawings or documents of the 407 Transitway design of facilities, within the Hydro Corridor will be consulted and approved by Hydro One prior to construction.**	**Pre-Construction**	**Hydro One**
	Following consultation with Hydro one, the 407 Transitway construction specifications to be prepared as part of the procurement and bidding documents, will include specific Hydro One design and construction requirements within the Hydro Corridor.	**Pre-Construction**	**Hydro One**
	In cases where the 407 Transitway crosses under the Hydro Corridor, if the cover over the trench comprises metallic systems, requirement for further studies will be discussed with Hydro One during the Implementation Phase. The final drawings will be reviewed by Hydro One.	**Pre-Construction**	**Hydro One**
	During Implementation Phase of the Hurontario Street Station facility, due to the proximity of the existing the Hurontario Sub Station, safety requirements will be further assessed and discussed with Hydro One to make sure all Hydro One requirements are met. If the requirements are not met, a new site for the SWM pond, sufficiently distant from the Hydro Sub Station, will be identified in consultation and agreement with Hydro One.	**Pre-Construction**	**Hydro One**
	Ground clearances of all 407 Transitway facilities within the Hydro Corridor will be reviewed and verified by Hydro One, during the Implementation Phase. If Hydro One technical requirements are not met, the Transitway design will be adjusted accordingly.	**Pre-Construction**	**Hydro One**
	During the Implementation phase of the project, the 407 Transitway Design Team in coordination with Hydro One, will determine final location and layout of maintenance accesses to Hydro One facilities.	**Pre-Construction**	**Hydro One**

Additionally, I noticed the proposed change under Hydro-Gen-9 had not been updated, so I have made the correction to the attached spreadsheet.

Thanks! Let me know if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Thursday, July 05, 2018 3:53 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>

Cc: 'Graham.DeRose@ontario.ca' <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; 'r.minnesconsulting@gmail.com' <r.minnesconsulting@gmail.com>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'Liz Speller' <lspeller@lgl.ca>
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Rick,

As per our phone conversation this morning, please see attached the updated response table with a modification to the commitment in **Hydro-Hu-17**. Please let us know if you are ok with the revised text.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, July 04, 2018 10:30 AM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: 'Graham.DeRose@ontario.ca' <Graham.DeRose@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; 'r.minnesconsulting@gmail.com' <r.minnesconsulting@gmail.com>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'Liz Speller' <lspeller@lgl.ca>
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Rick,

After discussing this morning, we thought it would be clearer to include the January comments/responses as well. I have added these to the attached spreadsheet. Please note that the "N/A" represents comments which were only received on one of the two submission.

Thanks! Please give me a call if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Tuesday, July 03, 2018 5:55 PM
To: 'rick.schatz@HydroOne.com' <rick.schatz@HydroOne.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>
Subject: RE: Hydro One Preliminary Technical Review II - Transit Corridor along Hwy 407 - Dixie Road Area - Brampton 635.37-6132

Hi Rick,

Please see attached responses to Hydro One's comments below. Additionally, two drawings (revised Goreway & Dixie Road Stations) have been uploaded to the Parsons FTP for your review (you should receive a separate, automated email for this). Additionally, we will drop off hardcopies of these drawings to your offices tomorrow.

Please review the attached and let us know if you have any questions or concerns. Thank-you for taking the time to review the Draft EPR and providing feedback – your contribution is very much appreciated.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

Liz Speller

From: Locates YYZ <locates@fsmgroup.ca>
Sent: Friday, January 15, 2016 11:33 AM
To: alison.drainie@parsons.com
Subject: RE: Request 2016037348
Attachments: 407 Transitway - Study Area (17x11)-Study Area.pdf

Hi Alison,

This email is an ALL CLEAR regarding PIFFC jet fuel pipeline for your work area outlined in the attached sketch.

Should your work area moved further southeast along Torbram Rd and reach Rena Rd, please contact PIFFC Locates.

Richie

PIFFC Locates
FSM Management Group Inc.
110-5915 Airport Road | Mississauga, ON L4V 1T1
Tel: 905.956.1628
Email: locates@fsmgroup.ca
Web: https://urldefense.proofpoint.com/v2/url?u=http-3A__www.fsmgroup.ca&d=BQIFAw&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=CuQYw4a5hfWxnLwhEzwG6g-tFk8uKqHMBqQqEQtzMYY&m=29V-ERk4W39vBhUh9t8wkUDugD5YFPSJxCBoI3tPaGU&s=NeR6YPlo62gEd3x5aqvTjKxyWX4vHWNzyY5yklEr2YI&e=

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-----Original Message-----
From: Alison Drainie [mailto:Alison.Drainie@parsons.com]
Sent: January-15-16 11:25 AM
To: Locates YYZ
Subject: RE: Request 2016037348

Hi Ritchie,

The Green Buffer Area around Highway 407 is the work area we are interested in. The ticket number references the area 500m north of Hwy 407 and 1km south of Hwy 407 but if it is easier, utility information only within the green area would also be sufficient.

Please don't hesitate to contact me for clarifications.

Thanks,

Alison Drainie
Environmental Systems - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
alison.drainie@parsons.com <mailto:alison.drainie@parsons.com> Office:
905-917-3212

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| LinkedIn
<https://urldefense.proofpoint.com/v2/url?u=https-3A__webportal.parsons.com_v2_-2CDanaInfo-3Durldefense.proofpoint.com-2CSSL-2B-0Aurl-3Fu-3Dhttps-2D3A-5F-5Fwww.linkedin.com-5Fcompany-5Fparsons-26d-3DBQMFaQ-26c-3DNwf-2Dpp4xtYRe0s-0ACRVM8-5FLWH54joYF7EKmrYIdfxIq10-26r-3DiZNIh6dnFYPILyq-5F2-2DDmjpFMBmIHuB7rIGd-5FTCe7N6-0AM-26m-3D98igw8OxyFTtGS3BUxvV0OBEGOU-5F4VdnJFCmNS3GWsE-26s-3DXhjSw-2DZCxfOKj0wsh9wUKhkz-0ANvFiYZoTizi-2Da3CdqXU-26e-3D&d=BQIFAw&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=CuQYw4a5hfWxnLwhEzwG6g-tFk8uKqHMBqQqEQtzMYY&m=29V-ERk4W39vBhUh9t8wkUDugD5YFPSJxCBoI3tPaGU&s=5GDZW3V3xSXTyYBEIcFWQ2IvicLShACN4nlnTklaXUE&e= > |
Twitter <https://urldefense.proofpoint.com/v2/url?u=https-3A__webportal.parsons.com_v2_-2CDanaInfo-3Durldefense.proofpoint.com-2CSSL-2B-0Aurl-3Fu-3Dhttps-2D3A-5F-5Ftwitter.com-5FParsonsCorp-26d-3DBQMFaQ-26c-3DNwf-2Dpp4xtYRe0sCRVM8-5FLWH-0A54joYF7EKmrYIdfxIq10-26r-3DiZNIh6dnFYPILyq-5F2-2DDmjpFMBmIHuB7rIGd-5FTCe7N6M-26m-3D98igw-0A8OxyFTtGS3BUxvV0OBEGOU-5F4VdnJFCmNS3GWsE-26s-3DZA0eWpLHALG5opp15aIwjhIriBrfKZFLr-0AGZqU0si4k0-26e-3D&d=BQIFAw&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=CuQYw4a5hfWxnLwhEzwG6g-tFk8uKqHMBqQqEQtzMYY&m=29V-ERk4W39vBhUh9t8wkUDugD5YFPSJxCBoI3tPaGU&s=3J4QcdLa7g0HorpIwhQLP5jhSgh0uDeiYCZ8QCvuPOE&e= > |
Facebook <https://urldefense.proofpoint.com/v2/url?u=https-3A__webportal.parsons.com_v2_-2CDanaInfo-3Durldefense.proofpoint.com-2CSSL-2B-0Aurl-3Fu-3Dhttps-2D3A-5F-5Fwww.facebook.com-5Fparsonscorporation-26d-3DBQMFaQ-26c-3DNwf-2Dpp4xtYR-0Ae0sCRVM8-5FLWH54joYF7EKmrYIdfxIq10-26r-3DiZNIh6dnFYPILyq-5F2-2DDmjpFMBmIHuB7rIGd-5FTCe-0A7N6M-26m-3D98igw8OxyFTtGS3BUxvV0OBEGOU-5F4VdnJFCmNS3GWsE-26s-3DUcmPD4yGVpnWpnEfR5Xfq-0ATV8qgTS6IKitqeqcVbnxHw-26e-3D&d=BQIFAw&c=Nwf-pp4xtYRe0sCRVM8_LWH54joYF7EKmrYIdfxIq10&r=CuQYw4a5hfWxnLwhEzwG6g-tFk8uKqHMBqQqEQtzMYY&m=29V-ERk4W39vBhUh9t8wkUDugD5YFPSJxCBoI3tPaGU&s=6pn99KcFdGHeA3pbvJfNqH2AmNITxvPSGYb9e4sxSZE&e= >

-----Original Message-----
From: Locates YYZ [mailto:locates@fsmgroup.ca]
Sent: Friday, January 15, 2016 11:00 AM
To: alison.drainie@parsons.com
Subject: RE: Request 2016037348

Hi Alison,

Please send sketch of work area. A sketch on google maps would suffice.

Richie

-----Original Message-----
From: solutions@on1call.com [mailto:solutions@on1call.com]
Sent: January-15-16 10:50 AM
To: locates@fsmgroup.ca
Subject: Request 2016037348

Liz Speller

From: Utility Circulations <Utility.Circulations@mtsallstream.com>
Sent: Tuesday, February 2, 2016 10:15 AM
To: Alison Drainie
Subject: RE: Markup Requests
Attachments: 407 Transitway - Study Area - AllstreamMarkup.pdf

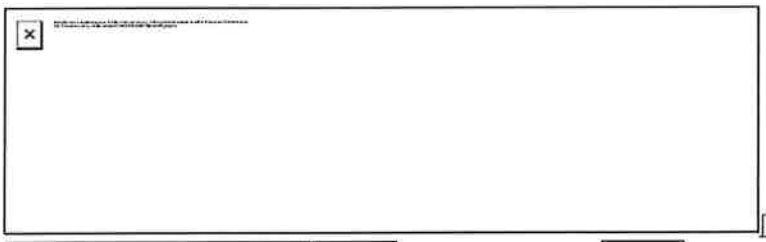
Greetings,

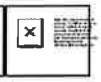
MTS Allstream **does have plant** in the area indicated on your submission.

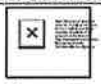
No objection – *please maintain standard clearance:*
0.6m horizontal, 0.3m vertical & hand trench within 1.0m

Markup is attached for your review,

Have a great day,
Utility Circulations
Allstream
Utility.circulations@allstream.com


[allstream.com]


[blog.allstream.com]

[twitter.com]

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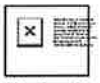
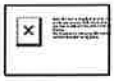

[linkedin.com]


From: Alison Drainie [mailto:Alison.Drainie@parsons.com]
Sent: Wednesday, January 27, 2016 10:01 AM
To: Utility Circulations <Utility.Circulations@mtsallstream.com>
Subject: RE: Markup Requests

Hi Ian,

I am attaching a PDF of the study area. Only the green shaded area is the area of interest.

Please let me know if you need anything else.

Thanks,

Alison Drainie
Environmental Systems - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
alison.drainie@parsons.com Office: 905-917-3212
PARSONS – Delivering Excellence
www.parsons.com | LinkedIn | Twitter | Facebook

From: Utility Circulations [mailto:Utility.Circulations@mtsallstream.com]
Sent: Wednesday, January 27, 2016 8:58 AM
To: 'alison.drainie@parsons.com' <alison.drainie@parsons.com>
Subject: Markup Requests

Good Morning Alison,

You recently submitted a number of requests for Allstream plant information through One Call. Unfortunately, we can only mark up what's sent to us. We require drawings of the area potentially to be impacted by your construction, we cannot produce any on our own. We'll take any format, so long as it isn't .DGN.

If you have specific needs – ie scale drawings – then please make sure the drawings you submit to us meet them. We can only mark up what's given to us, so if a screenshot from Google Maps is sent in, that's what we mark up and return. Thank you.

Ian Fleming
Utility Circulations

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Liz Speller

From: Arnel Mangalino <Arnel.Mangalino@enbridge.com>
Sent: Thursday, June 2, 2016 2:51 PM
To: Alison.Drainie@parsons.com
Cc: Anissa Trenholm; Amy Brenham
Subject: RE: Enbridge Gas - Planning Markup Request - Highway 407 Corridor

Hello Allison,

I'm responding to this email that you sent through Anissa Trenholm.

Enbridge Gas Distribution cannot provide as-laid information and information regarding the depth of cover over our gas infrastructure to third parties.
I suggest that test holes be performed by an outside party (hydrovac method or hand digging only) in order to determine the actual Enbridge Infrastructure depth.
A field locate be performed through Ontario One Call (1800 400-2255) prior to test hole verification.

Kind regards,

Arnel Mangalino
Utility Markups Supervisor
GD PI&E DAM, Drafting Admin.
ENBRIDGE GAS DISTRIBUTION INC.
Phone 416 758 7949
Fax 416 758 4374
500 Consumers Rd., North York, ON M2J 1P8
arnel.mangalino@enbridge.com
Integrity. Safety. Respect.

Enbridge Gas Distribution cannot provide information regarding the depth of cover over our gas infrastructure.
We suggest that a field locate be performed through Ontario One Call (1800 400-2255).
If further details are still required, it is suggested that test holes be performed by an outside party in order to determine the actual Enbridge Infrastructure depth.

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From: Alison Drainie [mailto:Alison.Drainie@parsons.com]
Sent: Wednesday, May 25, 2016 4:19 PM
To: Anissa Trenholm
Subject: Enbridge Gas - Planning Markup Request - Highway 407 Corridor

Hi Anissa,

As discussed on the phone earlier today, I have attached a drawing of our Project Study Area; there is a red box around the area of interest for Enbridge Gas lines.

We are looking for markup drawings (preferably DWG files) which show the location of the lines, width and depth information, and any profile information if available.

Your help is greatly appreciated.

Thank you,

Alison Drainie
Environmental Systems - Rail & Transit Systems, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
alison.drainie@parsons.com Office: 905-917-3212
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CNR

Liz Speller

From: Liz Speller
Sent: Tuesday, September 20, 2016 3:18 PM
To: 'stefan.linder@cn.ca'
Cc: 'Graham.DeRose@ontario.ca'; 'Garron, Gus'
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400 - GWP 14-20001
Attachments: 407 Transitway West CN Initial Contact Letter.pdf

Good afternoon Mr. Linder,

As discussed on the phone this morning, I am working with Parsons and MTO on the Planning, Environmental Assessment and Preliminary Design Study of the 407 Transitway from west of Hurontario Street to east of Highway 400 , which will be a fully grade separated rapid transit line in its own right of way, running mostly parallel to the Hwy 407 ETR. An introduction letter was sent to you back in October 2015 (copy attached). We are now in the process of identifying and evaluating transitway alignment options and station footprint locations throughout the study area. We are currently identifying alignments in the Humber River/Rainbow Creek valley area located between Martin Grove Road and Islington Avenue. This is an environmentally significant area containing an Area of Natural and Scientific Interest, an ESA and high quality forest and wetland communities associated with Rainbow Creek and the Humber River and its tributaries. In order to develop all possible alignments in this area, we would much appreciate information regarding CN right of way boundaries as well as any future expansion plan in the area.

Your response will be most valuable. Please advise if further information is required.

Sincerely,

Liz Speller

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Mobile: 416-425-3641
Fax: 905-833-1255
Email: lspeller@lgl.com

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: Monday, July 24, 2017 6:13 PM
To: Vincent White; Manager_Public_Works
Cc: Garron, Gus; DeRose, Graham (MTO); Robb Minnes; Sarris, Larry (MTO); Liz Speller
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Michael,

I received an *unable to deliver email* from both you and Vincent from the email below. Just checking it was not the attachment. If you could confirm receipt of this email that would be greatly appreciated.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Monday, July 24, 2017 4:16 PM
To: Vincent White <Vincent.White@cn.ca>; Manager_Public_Works <public_works_gld@cn.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Michael,

Following previous discussions between MTO, Parsons, and CN, attached are PDFs illustrating a cross-section of a potential tunnel crossing of the future 407 Transitway under the existing CNR Track, as well as potential east-west cross-sections of the 407 Transitway at the toe of your embankment along the Humber River Valley (Rainbow Creek) Area.

As previously discussed, a prompt review and response from CNR would be most valuable to our project and most appreciated. Please give me a call if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Stefan Linder [mailto:Stefan.Linder@cn.ca]
Sent: Wednesday, May 10, 2017 2:05 PM

To: Kerslake, Holly <Holly.Kerslake@parsons.com>; Vincent White <Vincent.White@cn.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Manager_Public_Works <public_works_gld@cn.ca>
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Holly,

Just to let you know that I have moved on from my position as Manager Public Works and Michael Vallins has now taken on the role.

As an update, we are still currently awaiting feedback internally, but initial thoughts regarding the alignments shown in the proposed Humber River Area are related to the existing embankment and the pressures that will be applied if building up the alignment.

Furthermore the vertical clearance above the proposed tunnel at 18+550 may not be sufficient to allow for the proper depth of cover.

As mentioned though further information will be collected and provided to your attention shortly.

Thank you,
Stefan

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Wednesday, May 10, 2017 1:57 PM
To: Stefan Linder <Stefan.Linder@cn.ca>; Vincent White <Vincent.White@cn.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Stefan & Vincent,

I am just following up to the email below. If you could please review and provide any feedback, that would be much appreciated.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Tuesday, April 11, 2017 5:20 PM
To: 'Stefan Linder' <Stefan.Linder@cn.ca>; 'Vincent.white@cn.ca' <Vincent.white@cn.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; 'Robb Minnes' <r.minnesconsulting@gmail.com>
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Stefan/Vincent,

As discussed at our previous meeting back in February, attached are cross sections for the proposed alignment through the CN ROW in the Humber River Valley Area. If you could please review and provide any feedback, that would be much appreciated.

Our apologies on taking some time to get this to you, we have been finishing the alignment and profile plans through the entirety of the project area to ensure that the information we are providing you is accurate.

Please give me a call if you have any questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Wednesday, March 01, 2017 3:22 PM
To: 'Stefan Linder' <Stefan.Linder@cn.ca>; 'Vincent.white@cn.ca' <Vincent.white@cn.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; 'Robb Minnes' <r.minnesconsulting@gmail.com>
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Everyone,

Please see attached a draft of last week's meeting minutes. Please let me know if you have any corrections.

Stefan/Vincent – we are currently working on preparing the cross-sections and will have them to you promptly.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

-----Original Appointment-----
From: Kerslake, Holly
Sent: Friday, February 10, 2017 11:09 AM
To: Kerslake, Holly; Stefan Linder; Garron, Gus; DeRose, Graham (MTO); Robb Minnes
Subject: Discussion - 407 Transitway - Humber River Area - CN Right of Way
When: Tuesday, February 21, 2017 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: 1 Administration Road, Concord, Ontario

Please forward to anyone missed.

Location: 1 Administration Road, Stn 515, Concord, Ontario L4K 1B9

Hi Stefan,

As discussed at the Technical Resource Group (TRG) meeting on November 3, 2016, Parsons is conducting an Environmental Assessment and Preliminary Design of the 407 Transitway From west of Hurontario Street to east of Highway 400 for the Ministry of Transportation (MTO). One of the key tasks in this assignment is the identification and assessment of alignment and station alternatives.

As indicated in the TRG meeting, the 407 Transitway is a completely grade separated facility in an exclusive right of way. In most segments of the corridor, the alignment of the runningway is on the south side of 407 ETR, relatively close to the Highway. However, in the Humber River area, more precisely between the crossing with Islington Avenue and Martin Grove Road, the swath between 407 ETR and the CN tracks is highly environmentally sensitive, as it is covered by the Rainbow Creek Valley flood plain.

The only feasible way to avoid the flood plain would be locating the Transitway alignment south of the CN tracks. The problem that the project is facing is that the CN right of way extends all the way to the limits of Thackeray Park, prevailing the opportunity to locate the alignment south of the CN right of way.

Due to the above reasons, our Project Team presented in the TRG meeting an alignment alternative concept south of the tracks but within CN right of way for CN's consideration. The attached PDF includes a potential plan and profile alignment and several cross sections based on DTM which was obtained from aerial photography. Please note that the proposed alignment would tunnel under the CN and CP tracks using a construction method that would avoid interrupting rail operations. Please also note that the profile between the tunnels is flexible and could be accommodated to fit CN's preferences (it will likely need to be raised at the crossing of the Creek). The horizontal alignment is also somehow flexible as it may be shifted a bit south closer to the CN right of way limit. Grading design of the Transitway can also be discussed with CN.

Your response will be much appreciated. If required, the 407 Transitway Team would be happy to meet and further discuss this proposed arrangement at your earliest convenience.

Please give me a call if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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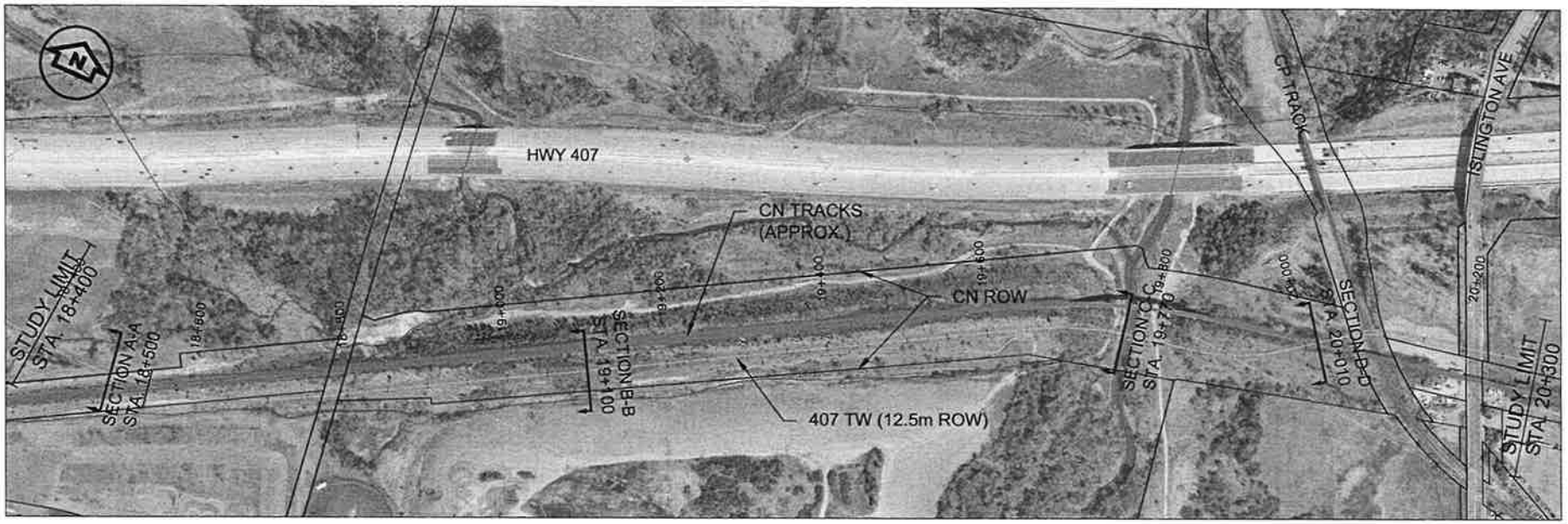
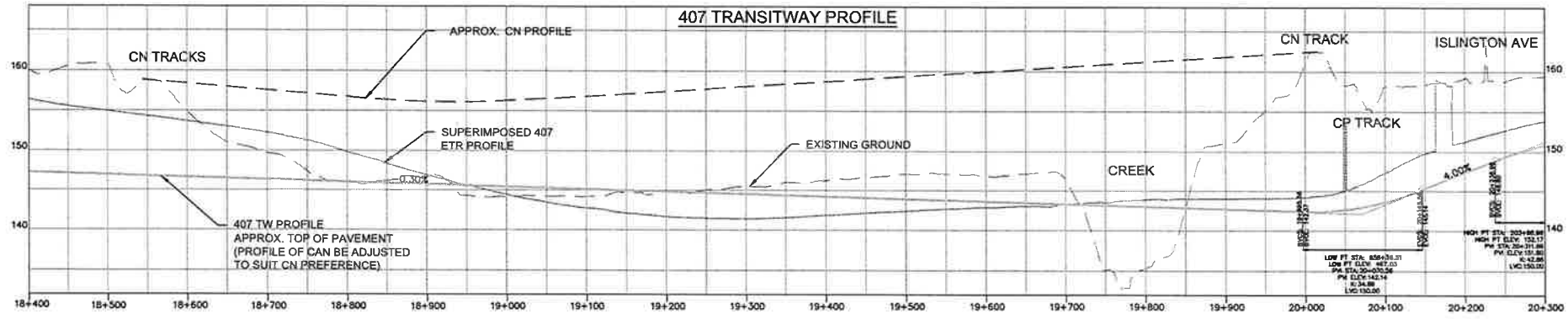
METRIC





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SCALE
PLAN 1 : 5000
PROFILE H 1:5000 V 1:500

LEGEND
HYDRO CORRIDOR
UTILITY CORRIDOR
EXISTING PROPERTY BOUNDARIES
WATERCOURSES
TW ALIGNMENT
CN TRACKS

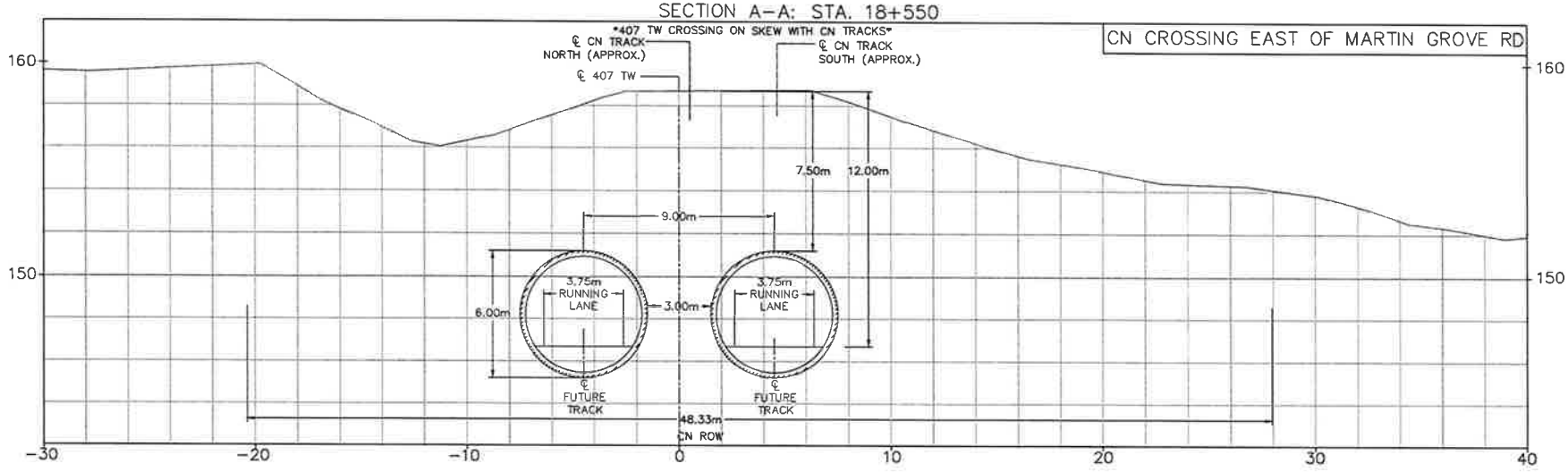
407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400
CN PROPERTY (HUMBER RIVER AREA)

PLATE

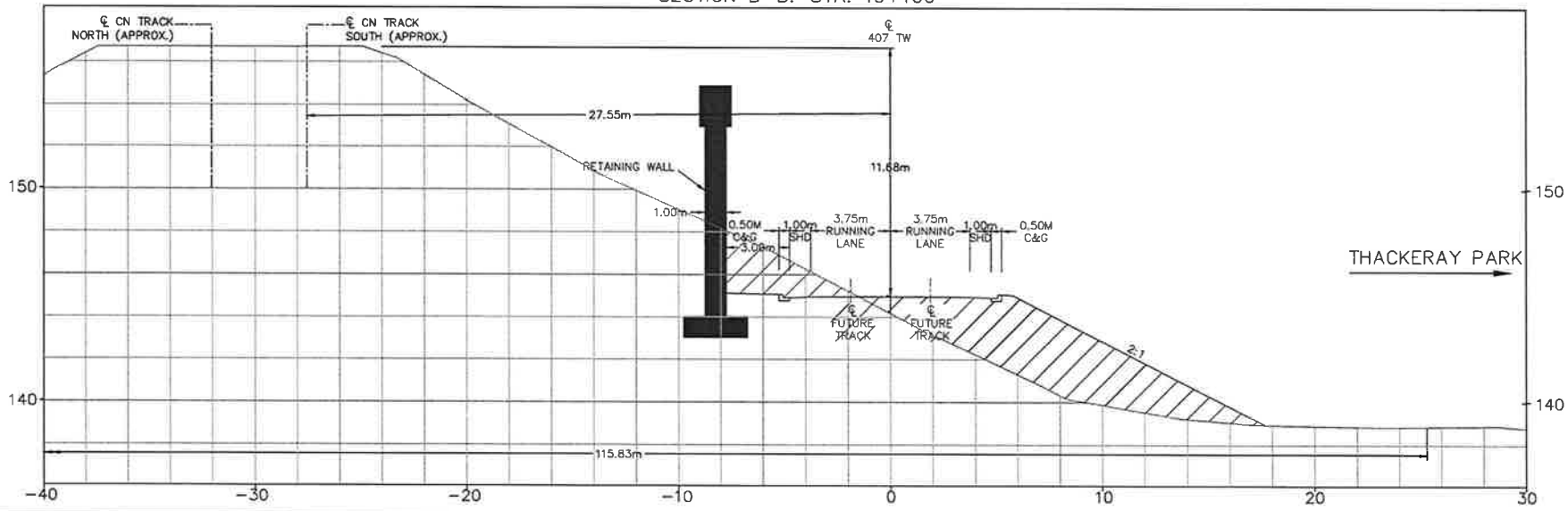
DATE

METRIC

SECTION A–A: STA. 18+550



SECTION B–B: STA. 19+100



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SCALE	LEGEND		
H 1:200 V 1:200	EXISTING GROUND ———	PROPOSED TW ———	

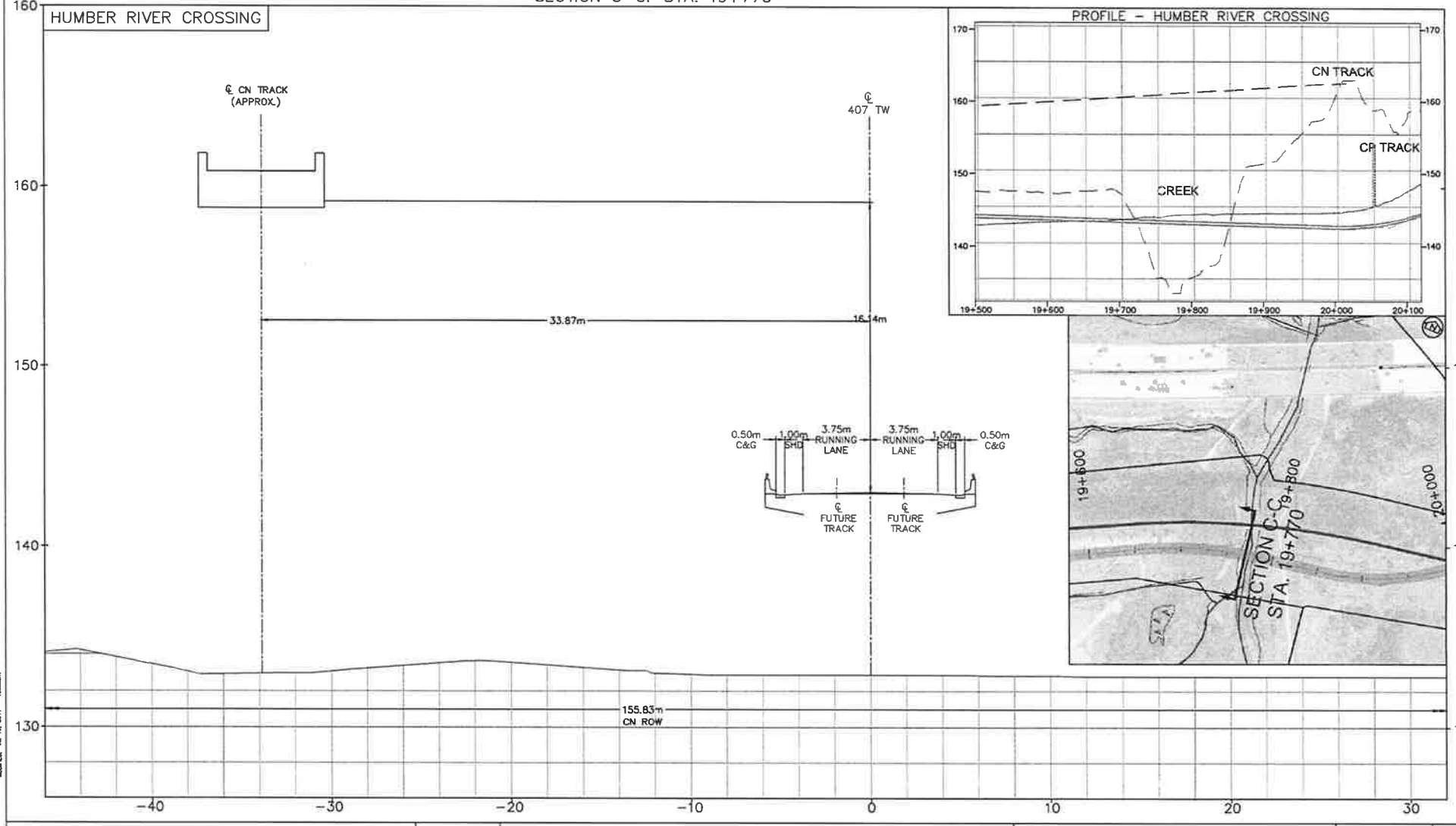
407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400
CN PROPERTY (HUMBER RIVER AREA)

PLATE

DATE —/—/—

METRIC

SECTION C–C: STA. 19+770



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SCALE	
SECTION	H 1:200 V 1:200
PROFILE	H 1:5000 V 1:500
PLAN	N.T.S

LEGEND

EXISTING GROUND ———— PROPOSED TW ————

407 TRANSITWAY

WEST OF HURONTARIO TO EAST OF HWY 400

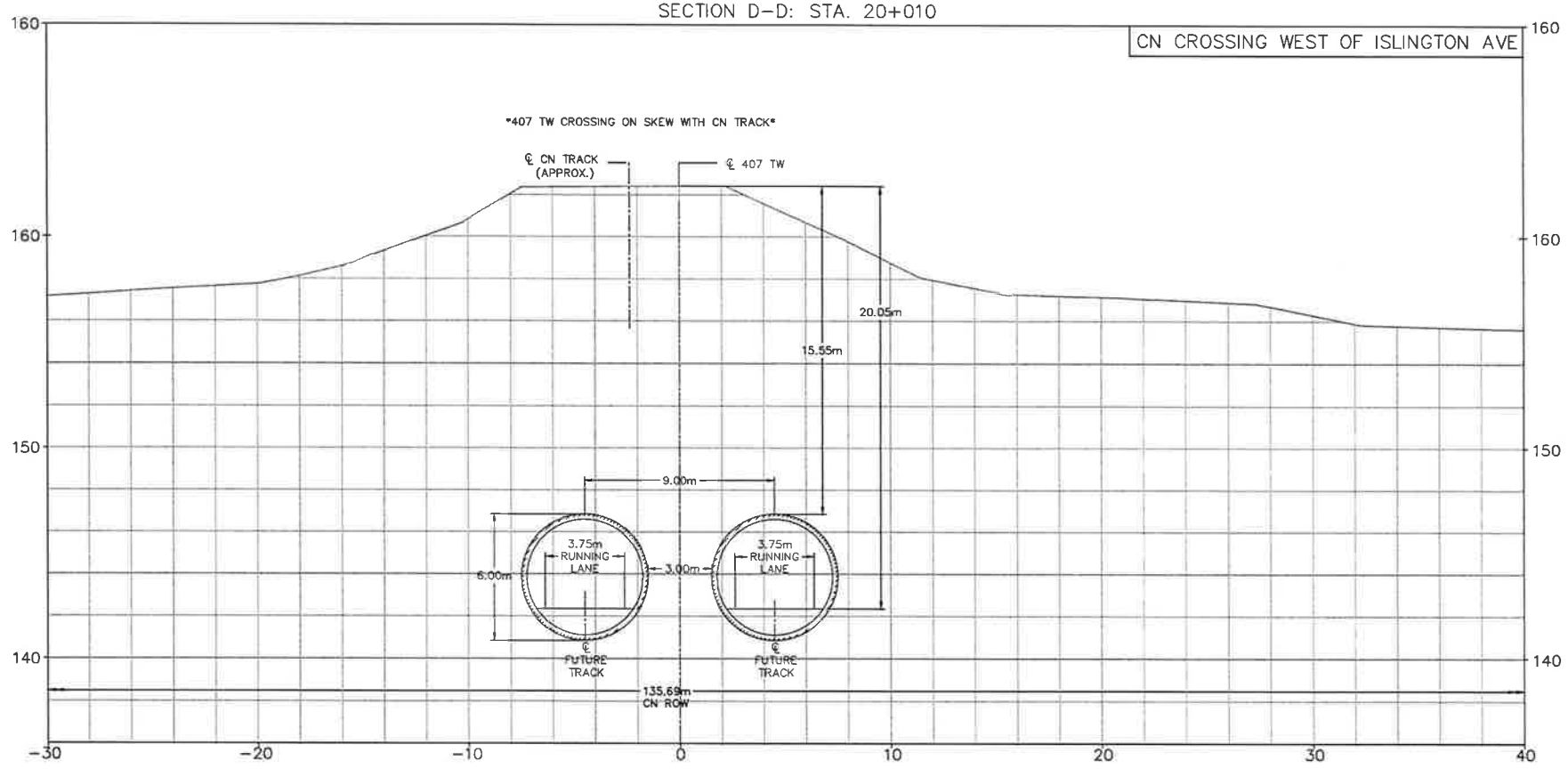
CN PROPERTY (HUMBER RIVER AREA)

PLATE

DATE

METRIC

SECTION D-D: STA. 20+010



Ontario PARSONS IBI GROUP

SCALE
H 1:200
V 1:200

LEGEND
EXISTING GROUND
PROPOSED TW

407 TRANSITWAY
WEST OF HURONTARIO TO EAST OF HWY 400
CN PROPERTY (HUMBER RIVER AREA)

PLATE

DATE

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Friday, August 11, 2017 8:59 AM
To: michael.vallins@cn.ca; public_works_gld@cn.ca
Cc: Garron, Gus; Kerslake, Holly; Robb Minnes; Sarris, Larry (MTO)
Subject:FW: Discussion - 407 Transitway - Humber River Area - CN Right of Way
Attachments: 407 TW3 - Humber River-CN.PDF

Good Morning Michael,

It seems Holly is getting an "Undeliverable" message when sending emails to you.

Please see attached information and the email below. Your review is imperative to our on-going Environmental Assessment study of the 407 Transitway, from west of Hurontario Street to east of Highway 400.

If you have any questions, please contact Holly (info in email below) or myself.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: August 10, 2017 5:45 PM
To: michael.vallins@cn.ca
Cc: Garron, Gus; DeRose, Graham (MTO); Robb Minnes; Sarris, Larry (MTO); public_works_gld@cn.ca
Subject: RE: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Michael!

I am just confirming that you received my email back in late July – I believe Robb Minnes forwarded it to you as I was having issues with email.

Thanks! Please give me a call if you have any questions or concerns.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Tuesday, July 25, 2017 2:29 PM
To: 'michael.vallins@cn.ca' <michael.vallins@cn.ca>
Cc: Garron, Gus <Gus.Garron@parsons.com>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>;

Robb Minnes <r.minnesconsulting@gmail.com>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'public_works_gld@cn.ca' <public_works_gld@cn.ca>
Subject: FW: Discussion - 407 Transitway - Humber River Area - CN Right of Way

Hi Michael,

I received another "unable to deliver" email when this was sent yesterday – can you confirm receipt of this email? Hopefully it will work today.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Liz Speller
To: Liz Speller
Subject: FW: 407 Transit Way - CN Response
Date: June-27-18 8:11:58 AM
Attachments: Scanned from a Xerox Multifunction Device.pdf

-----Original Message-----
From: Michael Vallins [mailto:Michael.Vallins@cn.ca]
Sent: Friday, December 08, 2017 8:54 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Dave Reynolds <Dave.Reynolds@cn.ca>
Subject: 407 Transit Way - CN Response

Holly,

Attached is our response letter.

Regards,

Michael

Michael Vallins, P.Eng.
Manager, Public Works
CN - Design & Construction Eastern Region
1 Administration Road
P.O. Box 1000
Concord ON L4K 1B9
T. 905-669-3264
C. 416-529-0167

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Études et travaux de construction
Division de l'Est du Canada

1 Rue Administration
Concord, Ontario, Canada
L4K 1B9

Via E-mail - holly.kerslake@parsons.com

December 8, 2017

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9

Subject: 407 Transitway – Municipal Class EA

CN has reviewed the proposed 407 Transitway where the alignment is being considered to cross CN's right of way at two locations and run parallel to CN's tracks. The area is generally between Martin Grove Rd and Islington Ave.

Formally, CN does not support this alternative and recommends alternative solutions.

The proposed parallel alignment results in a public transportation route being added to CN's property, restricting CN's ability to use the property for operations, and eliminates the potential for additional tracks. It also increases risk for both CN and the public.

Further, the proposed crossings beneath CN's tracks creates risk to CN's operations. Although trenchless technology is proposed for construction of the two subway structures, the size of the openings and the skewed crossing beneath the track bed create significant risk potential for track settlement and operational impacts.

This segment of CN's track has significant rail traffic volumes, and disruption of the operation in this area can impact CN's entire network. Given this risk, CN reiterates it does not support the alternative of the proposed transitway crossings the tracks and a parallel operation.

Should you have any questions or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Michael Vallins
Manager Public Works

Cc: CN – Dave Reynolds

Liz Speller

From: Liz Speller
Sent: June-27-18 1:23 PM
To: Liz Speller
Subject: FW: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission
Attachments: 03 - CNRail - Final.pdf

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: May-16-18 5:06 PM
To: Michael Vallins <Michael.Vallins@cn.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Michael,

Attached are responses to CN Rail's comments regarding the 407 Transitway West of Hurontario Street to East of Highway 400, Draft EPR. Please let me know if you have any questions or concerns.

Regards,

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Kerslake, Holly
Sent: Friday, January 26, 2018 9:30 AM
To: 'Michael Vallins' <Michael.Vallins@cn.ca>
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; r.minnesconsulting@gmail.com; Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; Leung, Winnie <Winnie.Leung@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hi Michael,

Thank-you for taking the time to review through the Draft EPR material and providing your comments. All comments will be responded to and addressed in the Final EPR document.

Please give me a call if you have any additional questions or concerns.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: Michael Vallins [mailto:Michael.Vallins@cn.ca]
Sent: Thursday, January 25, 2018 4:21 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Holly,

Attached are CN's comments.

Regards,

Michael

Michael Vallins, P.Eng.
Manager, Public Works
CN - Design & Construction Eastern Region
1 Administration Road
P.O. Box 1000
Concord ON L4K 1B9
T. 905-669-3264
C. 416-529-0167

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: Tuesday, January 23, 2018 12:08 PM
To: steve.mota@york.ca; Lafleur, Chris <Chris.Lafleur@brampton.ca>; mary-ann.george@ttc.ca; Patrick.Grace@infrastructureontario.ca; malcolm.mackay@gotransit.com; martin.powell@mississauga.ca; Zhuo, Julianna (MMA/MHO) <Julianna.Zhuo@ontario.ca>; Matthew.Williams@mississauga.ca; Mefimova@407etr.com; Malcolm Mackay <Malcolm.Mackay@metrolinx.com>; Jeff Booker <jbooker@407ETR.com>; Michael Vallins <Michael.Vallins@cn.ca>; Dagssie, Yves (MOECC) <Yves.Dagssie@ontario.ca>; Inderjit.Hans@brampton.ca; lmarray@creditvalleyca.ca; sabbir.saiyed@peelregion.ca; Vincent White <Vincent.White@cn.ca>; Suzanne Bevan <SBevan@trca.on.ca>; Rita.Kelly@infrastructureontario.ca; Wang, Hank <Hank.Wang@brampton.ca>; javier.mena.diep@metrolinx.com; Stephanie Segreti <Stephanie.Segreti@mississauga.ca>; dmrkela@407etr.com; Rieger, Doug <Doug.Rieger@brampton.ca>; Mohammad, Ghazanfar <Ghazanfar.Mohammad@brampton.ca>; rbacquie@407etr.com; Shahrokni, Mani <Mani.Shahrokni@vaughan.ca>; Ernest.Abraham@infrastructureontario.ca; Adam.Challice@ontario.ca; Abdul.Shaikh@mississauga.ca; Choi, William <William.Choi@york.ca>; Funnell, Emily (MNRF) <Emily.Funnell@ontario.ca>; rick.schatz@hydroone.com; Makael Kakakhel <Makael.Kakakhel@metrolinx.com>; slingeRTAT@trca.on.ca; Lorna Zappone <Lorna.Zappone@toronto.ca>; Frank.martins@ontario.ca; Gonzalez, Alejandra (MMA/MHO) <Alejandra.Gonzalez@ontario.ca>; steven.strong@ontario.ca; ben.keen@ontario.ca; Gian.Minichini@HydroOne.com; Goolsarran, Mario <Mario.Goolsarran@brampton.ca>; mark.hanlan@york.ca; Bernard

Au <Bernard.Au@metrolinx.com>; Javier Mena Diep <Javier.MenaDiep@metrolinx.com>; Michael Batt <Michael.Batt@metrolinx.com>; Hanlon, Mark <Mark.Hanlon@york.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Kulathinal, Rina (MTO) <Rina.Kulathinal@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; Leung, Winnie <Winnie.Leung@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Allan Ortlieb <Allan.Ortlieb@IBIGroup.com>; 'Scott Johnston' <sjohnston@IBIGroup.com>
Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Hello Everyone,

Just a reminder that **comments are due by COB Friday January 26th, 2018** (correction to the date typo below). If you do not have any comments, an email confirming so would be greatly appreciated.

Please let me know if you have any questions or concerns – I can be reached via email or phone (647-467-8379).

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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Division de l'Est du Canada

1 Rue Administration
Concord, Ontario, Canada
L4K 1B9

Via E-mail - holly.kerslake@parsons.com

January 25, 2018

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9

Subject: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

CN has reviewed the Draft EPR document. Overall, the proposed route has limited impact to CN with the exception of the few noted locations in the report.

The following comments are with respect to the noted crossings of CN's tracks:

- Crossing over Tracks east of Torbram Road – This proposed overhead crossing is near the junction of two track corridors. CN's Halton Subdivision and Metrolinx's Weston Subdivision. The proposed structure must, at a minimum, meet CN's clearance requirements and appropriate crash wall protection for overhead structures. Further, a sightline study will be required during final design to ensure sightlines for track signal infrastructure are not impacted by the proposed structure. For clarification, both CN and Metrolinx train crews require clear sightlines to the signal structures to ensure safe train operation. Results of the sightline study may require increase clearance requirements.
- CN Track to Brampton Intermodal Terminal (east of Airport Road) – Proposed construction method to go beneath tracks must ensure no impact to CN operations. No settlement permitted. Tracks are fully utilized 24 hours a day/ 7 days a week for operations.
- Rainbow Creek Valley – CN's comments presented in the December 8, 2017 letter remain unchanged.

CN is also aware of a potential conflict with the proposed alignment of the 407 Transitway at Hurontario Street and a proposed plan for this corridor by Metrolinx. This should be discussed with Metrolinx.

Should you have any questions or concerns, please do not hesitate to contact the undersigned.

Sincerely,

Michael Vallins
Manager Public Works

Cc: CN – Dave Reynolds

PARSONS

625 Cochrane Drive, Suite 500 | Markham, ON L3R 9R9
Direct: +1 905.943.0500| www.parsons.com

May 16th, 2018

Michael Vallins, P.Eng.
Manager, Public Works
CN - Design & Construction Eastern Region
1 Administration Road, P.O. Box 1000
Concord, ON L4K 1B9

Subject: RE: 407 Transitway (Hurontario to Highway 400) Draft EPR Document Stakeholder Submission

Dear Mr. Vallins,

Thank you for providing valuable comments to the Draft Environmental Project Report (EPR) of the 407 Transitway West of Hurontario Street to East of Highway 400. Attached are responses to CN Rail's comments which were received on January 25th, 2018.

All your comments have been considered along with others received from relevant stakeholders and the public. Responses to each comment are incorporated in the attached tables, and will be included in an Appendix as part of the final EPR. Adjustments are being made to the EPR text as noted.

Again, we thank you for reviewing the Draft EPR. Further consultation in the future will be undertaken as the project moves forward.

Sincerely,

Holly Kerslake

Parsons Project Coordinator
407 Transitway, West of Hurontario St. to East of Highway 400

CPR

Liz Speller

From: Liz Speller
Sent: April-23-18 10:21 AM
To: 'Jennifer Benedict'
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Kerslake, Holly; Bishop, Chris; Grant Kauffman
Subject: RE: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Notice of Commencement of TPAP and Property Impacts

Hi Jennifer,

Thank you for your email. I have added you to the project contact list and you will receive all further correspondence for this project.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Jennifer Benedict [mailto:Jennifer_Benedict@cpr.ca]
Sent: April-19-18 3:48 PM
To: Liz Speller <lspeller@lgl.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Bishop, Chris <Chris.Bishop@parsons.com>; Grant Kauffman <gkauffman@lgl.ca>
Subject: RE: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Notice of Commencement of TPAP and Property Impacts

Hi Liz,

Thanks for the notification of this project. Feel free to contact me if you have any questions or require involvement from CP during the EA phase.

I generally don't have too much involvement until the project is approved and prepared to go to detailed design.

CP has a formal notification process that the MTO is aware of. Before they go to design, they will notify me of the planned work and I will assign a consultant to work with them on behalf of CP.

I'm happy to provide any information in the meantime.

Jennifer R. Benedict, M.Eng.
Manager Public Works – Eastern Region
O 905.803.5989
C 416.995.0031
1290 Central Parkway West, Suite 800,
Mississauga ON L5C 4R3

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: Wednesday, April 18, 2018 12:46 PM
To: Kevin Paul; Jennifer Benedict
Cc: Simon Deschamps; DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Kerslake, Holly; Bishop, Chris; Grant Kauffman; Tom Twigge
Subject: RE: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Notice of Commencement of TPAP and Property Impacts

This email did not originate from Canadian Pacific. Please exercise caution with any links or attachments.

Thanks Kevin.

Jennifer – please let me know if you need any further information or have any questions about the project.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Kevin Paul [mailto:Kevin_Paul@cpr.ca]
Sent: April-18-18 11:52 AM
To: Liz Speller <lspeller@lgl.ca>; Jennifer Benedict <Jennifer_Benedict@cpr.ca>
Cc: Simon Deschamps <Simon_Deschamps@cpr.ca>; DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Bishop, Chris <Chris.Bishop@parsons.com>; Grant Kauffman <gkauffman@lgl.ca>; Tom Twigge <Tom_Twigge@cpr.ca>
Subject: RE: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Notice of Commencement of TPAP and Property Impacts

Good day Liz,

Upon viewing your attachments, it appears CP's mainline operations may be affected by way of a new grade separation or bridge expansion, etc. As such, your CP contact should be Jennifer Benedict, Manager Public works, included in this reply.

Regards, Kevin

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: Tuesday, April 17, 2018 1:19 PM
To: Kevin Paul
Cc: Simon Deschamps; DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Kerslake, Holly; Bishop, Chris; Grant Kauffman
Subject: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Notice of Commencement of TPAP and Property Impacts

This email did not originate from Canadian Pacific. Please exercise caution with any links or attachments.

Good afternoon Kevin,

Please find attached a letter notifying you of the commencement of the Transit Project Assessment Process, as well as identifying impacts to CPR's property, for the 407 Transitway project from west of Hurontario Street to east of Highway 400.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Kevin Paul [mailto:Kevin_Paul@cpr.ca]
Sent: June-06-17 2:29 PM
To: Liz Speller <lspeller@lgl.ca>; Simon Deschamps <Simon_Deschamps@cpr.ca>; Syl Arduini <Syl_Arduini@cpr.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Seibert, Jeffrey David (MTO) <JeffreyDavid.Seibert@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>
Subject: RE: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Permission to Enter Properties Owned by CPR for Environmental Investigations

Thank you very much Liz. Your request has been forwarded to Simone Deschamps for our review and handling.

Regards, Kevin

Kevin Paul
Manager Real Estate Ontario & Manitoba
O 905-803-3424

Suite 800, 1290 Central Parkway West
Mississauga ON L5C 4R3

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: Tuesday, June 06, 2017 2:21 PM
To: Kevin Paul
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Seibert, Jeffrey David (MTO); Garron, Gus; Kerslake, Holly; Liz Speller
Subject: 407 Transitway Hurontario Street to Highway 400 (G.W.P. 14-20001) - Permission to Enter Properties Owned by CPR for Environmental Investigations

This email did not originate from Canadian Pacific. Please exercise caution with any links or attachments.

Good afternoon Mr. Paul,

The Ontario Ministry of Transportation is conducting the Planning, Preliminary Design and Environmental Assessment of the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan (G.W.P. 14-20001). Please find attached a letter containing further information about this project and requesting permission to enter one property owned by CPR for the purpose of conducting environmental investigations for this project. Also attached is the permission to enter form (to be signed/returned) as well as a map of the property requiring permission to enter.

Please contact me if you would like further information or if you have any questions.

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

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LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 17, 2018 Sent via email: Kevin_paul@cpr.ca

Mr. Kevin Paul
Manager, Real Estate
Canadian Pacific Railway

Dear Mr. Paul:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Commencement of Transit Project Assessment Process (TPAP)

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway will include a fully grade separated transit facility on an exclusive right-of-way, running parallel to the 407 ETR Corridor. The Transitway facility will consist of 23.7 km of runningway and seven stations including the Hurontario Street Station, Dixie Road Station, Airport Road Station, Goreway Drive Station, Highway 50 Station, Highway 27 Station and Pine Valley Drive Station. A number of additional sites within the study area will also be protected for environmental compensation. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT).

To date, the Project Team has been actively engaging with members of the public, landowners, Indigenous Communities and various agencies. Since Fall 2015, meetings have been held and comments have been received from stakeholders. Two Public Information Centres were held on December 6 and 8 of 2016 and January 23 and 25 of 2018. Correspondence with CPR has taken place throughout the study. CPR (Head Office) was contacted via letter in order to notify CPR of study commencement (October 27, 2015), Public Information Centre #1 (November 18, 2016) and Public Information Centre #2 (January 5, 2018). In addition, correspondence took place with you and Simon Deschamps from June to October 2017 to provide additional information about the study and to request permission to enter the one property owned by CPR (PIN #032220717 located west of Islington Avenue) for the purpose of conducting environmental investigations for the project.

The environmental impact of this transit project will be assessed according to the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The purpose of this letter is to inform you of the commencement of the TPAP period for the 407 Transitway project, and to identify impacts to CPR's property. **The formal 120-day consultation and documentation TPAP period will begin on April 25, 2018** with the publication of the Notice of Commencement of TPAP in local newspapers, and will end when the Notice of Completion is issued. A copy of the Notice of Commencement of TPAP is enclosed.

At the end of the formal 120-day TPAP period, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you/CPR will receive notification of the release of the final EPR (to inform you of opportunities to review the report). All information produced as part of this study is available at **www.407transitway.com**.

The technically preferred alternative for the 407 Transitway will impact CPR's property. The property survey indicates that CPR owns PIN #032220717. Please see the attached conceptual drawing showing the approximate property impact (for PIN #032220717). If you have any questions/concerns about the 407 Transitway project or would like to discuss the impacts to CPR's property with the Project Team, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

G. M. Kauffman

Grant Kauffman
Senior Environmental Planner

Encl – Notice of Commencement of Transit Project Assessment Process and Property Plate

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Senior Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons
CPR Head Office, Calgary
Simon Deschamps, CPR

REGIONAL MUNICIPALITY OF YORK
CITY OF VAUGHAN

METRIC

WESTBOUND

407 ETR

EASTBOUND

19+400.00 | 19+500.00 | 19+600.00 | 19+700.00 | 19+800.00 | 19+900.00

MATCH LINE STA 19+310.00
SEE SHEET N - 30

MATCH LINE STA 19+950
SEE SHEET N - 32

RAINBOW CREEK VALLEY

HUMBER RIVER

C□R MACTIER

PIN 032220717

ISLIN□TON A□ENUE

XX

CNR

H7

H3

DRAWING NAME: N:\YORK\60896 ON-MTO 407 TRANSITWAY HURONTARIO-HWY 400 TTY\5 General\03 - Drawings\7 - Property\Property Plates\407 TW_PROPERTY_PLATE_31.dwg
CREATED: RM3
MODIFIED: Dec 15, 2017 - 1:15pm

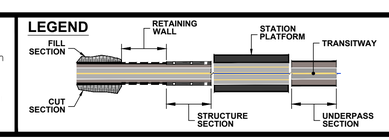
Ontario PARSONS IBI GROUP

SCALE

10m 0 20m
Horizontal

1m 0 2m
Vertical

LEGEND



- HYDRO TOWER TOLERANCE PERIMETER
- HYDRO CORRIDOR
- UTILITY CORRIDOR
- RAILWAY CORRIDOR
- WATER COURSE
- PROPERTY LINE
- FEDERAL AREA
- MUNICIPAL AREA
- PROVINCIAL AREA
- PRIVATE AREA
- ENHANCED SWALES

407 TRANSITWAY

WEST OF HURONTARIO STREET TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013
STA 1□+310.00 TO STA 1□+□□0.00

DRAWING SET
PROPERTY PLAN

PLATE
31

DATE
12/14/2017

ETOBICOKE HISTORICAL SOCIETY

Hi James,

Yes, I do have information on those 4 addresses. In fact I have some info on all original buildings remaining on Codlin Crescent, as well as some buildings that are no longer there. Would info on other buildings be of use to you too? I'm just thinking about context, families like the Kitcheners who owned many houses, etc., etc?

Are you permitted to tell me anything about why the province wants this info? I guess I'm most concerned about 2095 Codlin which was a tollhouse and is the only listed property in Claireville. Is it connected with this request in any way?

Are you interested in old photos? I know I have a few anyway.

Anyway, I'll pull together what I have about those 4 houses and get back to you as soon as I can – likely by tomorrow afternoon.

Regards,

Denise Harris

Chief Historian

Etobicoke Historical Society

From: jneilson@asiheritage.ca [mailto:no-reply@weebly.com]
Sent: October 31, 2017 9:42 AM
To: denise.harris@sympatico.ca
Subject: New Form Entry: Contact Form

You've just received a new submission to your Contact Form.

Submitted Information:

Name
James Neilson

Email
jneilson@asiheritage.ca

Phone Number
4169661069 #240

I would like to know more about:
Etobicoke History

Comment/Question
Hello,
Hope this finds you well. We have been hired to conduct a heritage evaluation for the province for a number of properties in C as part of the research for these article you might have any additional information about the houses are evaluating?

We're looking into the history of the following houses:
2128 Codlin Cres.
2140 Codlin Cres.
2150 Codlin Cres.
2158 Codlin Cres.

If you are able to share any information you might have about these properties, it would certainly be appreciated.
Thanks,
James

Visit www.asiheritage.ca to learn more about ASI: Ontario's largest archaeological and cultural heritage consulting firm.

Follow ASI on: Facebook | Twitter | LinkedIn | Instagram | YouTube

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Liz Speller

From: JNeilson@asiheritage.ca
Sent: November-06-17 4:01 PM
To: Denise Harris
Cc: Liz Speller; Gus.Garron@parsons.com; Winnie.Leung@parsons.com; Holly.Kerslake@parsons.com; Graham.DeRose@ontario.ca; Larry.Sarris@ontario.ca
Subject: Claireville

Hi Denise,
Hope all is well and thanks so much for the photos. I just wanted to pass along a description of the project from our client so that you have an understanding of what's happening in Claireville. See below.
James

The Ontario Ministry of Transportation (MTO) is undertaking the Transit Project Assessment Process (TPAP) for the 407 Transitway from west of Hurontario Street in the City of Brampton, Region of Peel to east of Highway 400 in the City of Vaughan, Region of York. The study area is also located directly adjacent to the City of Mississauga and the City of Toronto and extends slightly within the City of Mississauga and City of Toronto boundaries in a few locations. The study is following the requirements prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The 407 Transitway will be a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the 407 ETR Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. The station layouts will include vehicular and pedestrian access(es), park and ride and passenger pick-up/drop off (PPUDO) facilities, bus lay-by facilities, on-street integration with local transit, shelters, buildings and other amenities. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels 407 ETR from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The study team is currently undertaking pre-planning activities for the 407 Transitway. A Public Information Centre (PIC) # 1 was held in December 2016 to explain the study and gauge feedback from interested stakeholders, including members of the public . A second Public Information Centre will be held for this study, anticipated in 2018, to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of the TPAP. The EPR will be released for agency and public review and comments. The study team has added the Etobicoke Historical Society to the project mailing list, and you will receive notification of PIC # 2, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the Report). All information produced as part of this project is available at **www.407transitway.com**.

As part of this study, field investigations as they pertain to the surrounding natural, social and cultural environments are being undertaken and assessments/technical reports are currently being completed. A Cultural Heritage Resource Assessment is being completed (and will be included in the EPR) to document built heritage resources and cultural heritage landscapes within the study area and identify any potential impacts as a result of the 407 Transitway. Further documentation for cultural heritage resources (i.e. any required Cultural Heritage Evaluation Reports and subsequent Heritage Impact Assessment Reports) will also be completed and

the results will be included in the EPR.

James Neilson, MES
Cultural Heritage Specialist • Cultural Heritage Division

ASI • Providing Archaeological & Cultural Heritage Services
JNeilson@asiheritage.ca • 416 966 1069 x240 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Visit www.asiheritage.ca to learn more about ASI: Ontario's largest archaeological and cultural heritage consulting firm.

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Thank you. Note: We have taken precautions against viruses, but take no responsibility for loss or damage caused by any virus present.

Liz Speller

From: Denise Harris <denise.harris@sympatico.ca>
Sent: January-10-18 11:46 AM
To: Liz Speller
Cc: 'DeRose, Graham (MTO)'; 'Sarris, Larry (MTO)'; 'Garron, Gus'; 'Kerslake, Holly'; gkauffman@lgl.com
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Hi Liz,

Thanks for clarifying this. I'll look for the information posted on the website following the PIC and then send any comments I may have.

Thanks,
Denise

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: January 10, 2018 10:39 AM
To: Denise Harris <denise.harris@sympatico.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; gkauffman@lgl.com
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Good morning Denise,

Grant's email address is gkauffman@lgl.com, and you are welcome to contact me, Grant or any of the Project Team members listed on the attached Notice of PIC#2 with any questions/comments about the 407 Transitway project.

Please note that the information produced as part of this study is available at the project website: www.407Transitway.com. The information/boards that will be shown at PIC #2 (on January 23 and January 25, 2018) will be uploaded to the project website after the PICs.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From: Denise Harris [mailto:denise.harris@sympatico.ca]
Sent: January-05-18 8:25 PM

To: Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Hi Liz,

Thank you for this information. I am not able to attend either PIC #2 session, but would still like further information on the study. Could you please send me Grant Kauffman's e-mail address so I may contact him about this?

Regards,
Denise

From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: January 5, 2018 4:14 PM
To: denise.harris@sympatico.ca
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Hi Ms. Harris,

Please find attached the invitation letter to PIC #2 with the PIC #2 Notice included this time. Sorry about that!

Liz

From: Liz Speller
Sent: January-05-18 3:28 PM
To: 'denise.harris@sympatico.ca' <denise.harris@sympatico.ca>
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Mcgill, John <John.Mcgill@parsons.com>; Garron, Gus <Gus.Garron@parsons.com>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Subject: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Invitation Letter

Good afternoon Ms. Harris,

Please find attached an invitation letter to Public Information Centre #2 for the 407 Transitway from west of Hurontario Street to east of Highway 400.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

BRAMPTON BOARD OF TRADE

From: Ron Bouwhuis
To: Liz Speller
Subject: Re: 407 Transitway - Hurontario to 400 - Website Comment/Request
Date: January-10-18 10:59:55 AM

Thank you, Liz.

Regards,

Ron Bouwhuis
rbw@nework.com

> On 10 Jan 2018, at 10:10, Liz Speller <lspeller@lgl.ca> wrote:
>
> Good morning Mr. Bouwhuis,
>
> Thank you for your email and interest in the on-going 407 Transitway project, from west of Hurontario Street to east of Highway 400.
>
> The draft Regional Transportation Plan (RTP) by Metrolinx was released to the public before Metrolinx sought information from MTO regarding the 407 Transitway project. MTO has since provided comments to Metrolinx with the understanding that information regarding the 407 Transitway is to be included in the finalized RTP.
>
> We look forward to meeting you at the upcoming PIC. Please see the attached Notice of PIC #2 with the PIC details.
>
> Sincerely,
>
> Liz
>
> Elizabeth J. Speller, M.E.S.
> Senior Environmental Planner
> LGL Limited environmental research associates
> P.O. Box 280, 22 Fisher Street
> King City, Ontario, Canada L7B 1A6
> Phone: 905-833-1244
> Fax: 905-833-1255
> Email: lspeller@lgl.com
>
>
> -----Original Message-----
> From: rbw@nework.com [mailto:rbw@nework.com]
> Sent: January-05-18 3:58 PM
> To: Liz Speller <lspeller@lgl.ca>
> Subject: 407 Transitway - Hurontario to 400 - Website Comment/Request
>
> From: Ron Bouwhuis
> E-mail: rbw@nework.com
>
> Question/Request: Hello,

>
> I am a volunteer on the Brampton Board of Trade's Policy & Government Relations Committee, and my role within that group is to keep the Board abreast of transit projects in the Brampton area.
>
> I understand that PIC#2 for the Transitway is scheduled for January 23rd in Brampton. I hope to attend in order to get an update on the project.
>
> In the meantime, I'm somewhat curious about the status of the Transitway project in light of the Metrolinx Regional Transportation Plan published late last year, which listed your project as a 'Project beyond 2041' that was therefore not included in their RTP maps.
> Perhaps you could explain the discrepancy(?).
>
> Thank you.
> <407 Transitway Hurontario Street to Highway 400 Notice of PIC 2 English.pdf><407 Transitway Hurontario Street to Highway 400 Notice of PIC 2 French.pdf>

INDIGENOUS AND MÉTIS COMMUNITIES COMMENTS AND RESPONSES

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Mr. Dave Mowat
Mississauga of Scugog Island
R. R. #5
22521 Island Rd.
Port Perry, Ontario
L9L 1B6

Update contact information if necessary

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☑

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

WE TAKE GREAT & CONCERNED INTEREST IN THE ARCHAEOLOGICAL ASSESSMENT PROCESS BUT WOULD DEFER TO MISSISSAUGAS OF NEW CREDIT FIRST NATION ON THAT ISSUE.

Please return this completed form by December 11, 2015:

Graham DeRose
MTO Project Manager
Route Planning and Transit Initiatives
Ministry of Transportation, Central Region
Building D, 1201 Wilson Avenue, 4th Floor
Toronto, Ontario, M3M 1J8
Tel: 416-235-5255, Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: November-26-15 8:07 AM
To: Elizabeth Speller
Subject: FW: RESPONSE: 407 Transitway from West of Hurontario St. to East of Highway 400 CIty of Vaughan
Attachments: 151112 Ministry of Transportation 407 Transitway from West of Hurontario St to East Highway 400.pdf; Response from HWN.png

From: Melanie Vincent [mailto:melanievincent21@yahoo.ca]
Sent: November 20, 2015 12:53 PM
To: DeRose, Graham (MTO)
Subject: RESPONSE: 407 Transitway from West of Hurontario St. to East of Highway 400 CIty of Vaughan

Hello mr. Derose, the Huron-Wendat Nation Council received this letter. Please find the response form attached. We would like to receive the shapefiles of the study area to determine the potential for Huron-Wendat archaeological sites. Thank you! PS: Grand Chief Konrad Sioui and myself received the same letter, I am responding on behalf of our Council and please change my address and title(see form). Thak you!

Mélanie Vincent, M.Sc.AJS
Cell / SMS: (418) 580-4442
melanievincent21@yahoo.ca
Gestion MV Management
Gestion de projets / Project Management

----- Forwarded Message -----
From: sonia laine <sonia.laine@cnhw.qc.ca>
To: Melanie Vincent <melanievincent21@yahoo.ca>
Cc: johanne couture <johanne.couture@cnhw.qc.ca>
Sent: Monday, November 16, 2015 1:52 PM
Subject: 407 Transitway from West of Hurontario St. to East of Highway 400 CIty of Vaughan

Tiawenhk!
Sonia Lainé
Secrétaire
Conseil de la Nation huronne-wendat
255, Place Chef Michel Laveau
Wendake (Québec) G0A 4V0
418-843-3767 poste 2103

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407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Ms. Mélanie Vincent
Huron-Wendat Nation ~~c/o Gestion MV Management~~
635 Jean-Picard
Wendake, Quebec
G0A 4V0

Update contact information if necessary
ONTARIO FILES COORDINATOR
HURON WENDAT NATION
255 PLACE CHEF MICHEL LAVEA
WENDAKE QC
G0A4V0

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☒

Can we please receive the shapefiles of the study area to determine the potential for huron-Wendat archaeological sites?

Thank you -

Please return this completed form by December 11, 2015:

by email
melanievincent21@yahoo.ca

Graham DeRose
MTO Project Manager
Route Planning and Transit Initiatives
Ministry of Transportation, Central Region
Building D, 1201 Wilson Avenue, 4th Floor
Toronto, Ontario, M3M 1J8
Tel: 416-235-5255, Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

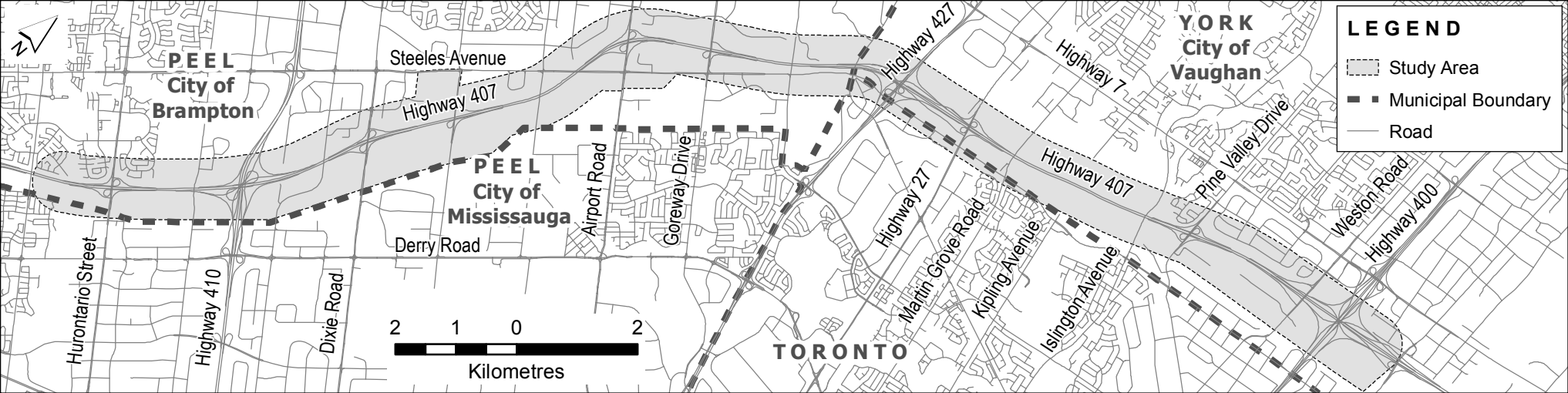
From: Liz Speller
Sent: Wednesday, January 20, 2016 2:04 PM
To: 'melanievincent21@yahoo.ca'
Cc: 'Amy Munn'; Gus.Garron@parsons.com; 'Larry.Sarris@ontario.ca'; 'Graham.DeRose@ontario.ca'; George Ivanoff
Subject: RE: RESPONSE: 407 Transitway from West of Hurontario St. to East of Highway 400
Attachments: StudyArea.cpg; StudyArea.dbf; StudyArea.prj; StudyArea.sbn; StudyArea.sbx; StudyArea.shp; StudyArea.shx; 407 TW3 Updated Key Plan December 8, 2015.pdf

Good afternoon Ms. Vincent,

I am working with MTO and Parsons on the 407 Transitway study from west of Hurontario Street to east of Highway 400. As requested in your email below, please find attached the shapefiles for the 407 Transitway study area. I have also attached a key plan of the study area for your reference. Please let me know if you require anything further.

Regards,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com


N
PEEL
City of
Brampton
Steeles Avenue
Highway 407
PEEL
City of
Mississauga
Derry Road
Airport Road
Goreway Drive
Hurontario Street
Highway 410
Dixie Road
2 1 0 2
Kilometres
TORONTO
Highway 427
Highway 7
YORK
City of
Vaughan
Highway 407
Pine Valley Drive
Weston Road
Highway 400
Highway 27
Martin Grove Road
Kipling Avenue
Islington Avenue
LEGEND
Study Area
Municipal Boundary
Road

From:	Liz Speller
To:	Liz Speller
Subject:	FW: 407 Transitway from West of Hurontario St to East Highway 400 - Stage 2 AA report request
Date:	June-05-18 11:27:40 AM

From: Maxime Picard [mailto:maxime.picard@cnhw.qc.ca]
Sent: April 20, 2018 11:27 AM
To: DeRose, Graham (MTO)
Subject: RE: 407 Transitway from West of Hurontario St to East Highway 400 - Stage 2 AA report request

Thanks for the clarification Graham.

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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De : DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Envoyé : 20 avril 2018 11:25
À : Maxime Picard
Cc : Melanie Vincent; Sarris, Larry (MTO); Seibert, Jeffrey David (MTO)
Objet : 407 Transitway from West of Hurontario St to East Highway 400 - Stage 2 AA report request

Hello Maxime,

Thank you for your email and on-going interest in the 407 Transitway planning and preliminary design Environmental Assessment study, from west of Hurontario Street to east of Highway 400.

I have been advised that the Stage 2 Archaeological Assessment report for this study should be completed in June 2018. We anticipate finalizing it in July, which I can gladly share a copy of the Stage 2 report with you once completed.

The scope of this current assignment does not indicate that a Stage 3 Archaeological Assessment is to be conducted. The Ministry anticipates undertaking the Stage 3 work during the pre-implementation and detail design phase. Unfortunately, the timeframe of implementation for any section of the 407 Transitway is still unknown.

If you have any questions, please do not hesitate to contact me. As soon as the Stage 2 report is complete, I will pass along a copy to Melanie and your attention.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Maxime Picard [mailto:maxime.picard@cnhw.qc.ca]
Sent: April 20, 2018 10:27 AM
To: DeRose, Graham (MTO)
Cc: Melanie Vincent
Subject: Ministry of Transportation - 404 Transitway from West of Hurontario St to East Highway 400

Good morning Graham,

First of all thank you for the update on the 404 Transitway from West of Hurontario St to East Highway 400.

As you are already aware our Nation is really sensitive regarding the archaeology of this project.

Therefore we insist again to have access to the draft Stage 2 reports when they'll be available. Furthermore, we want to reiterate that our Nation needs to be involved in ant Stage 3 fieldwork.

Best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario

255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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From: DeRose, Graham (MTO)
To: Maxime Picard
Cc: Melanie Vincent
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Stage 2 Archaeological Assessment Report
Date: August-07-18 9:35:02 AM

Hello Maxime,

Thank you for your email. As mentioned previously, there is still no timeframe for the construction/implementation of the 407 Transitway in any area of the 150 km long project. The Stage 2 Archaeological Assessment Report that the project team has completed is required for the approval of the Planning & Preliminary Design Environmental Assessment project that we are currently working towards completing. MTO will not be conducting any Stage 3 work until the Pre-Implementation phase of the 407 Transtiway, once dedicated funding has been approved (again, still no timeframe for this).

MTO will gladly contact you and/or your community once the project moves to the next phase of implementation.

If you have any additional questions, please let me know.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Maxime Picard [mailto:maxime.picard@cnhw.qc.ca]
Sent: August 6, 2018 9:24 AM
To: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Cc: Melanie Vincent <melanievincent21@yahoo.ca>
Subject: RE: 407 Transitway (Hurontario to Highway 400) - Stage 2 Archaeological Assessment Report

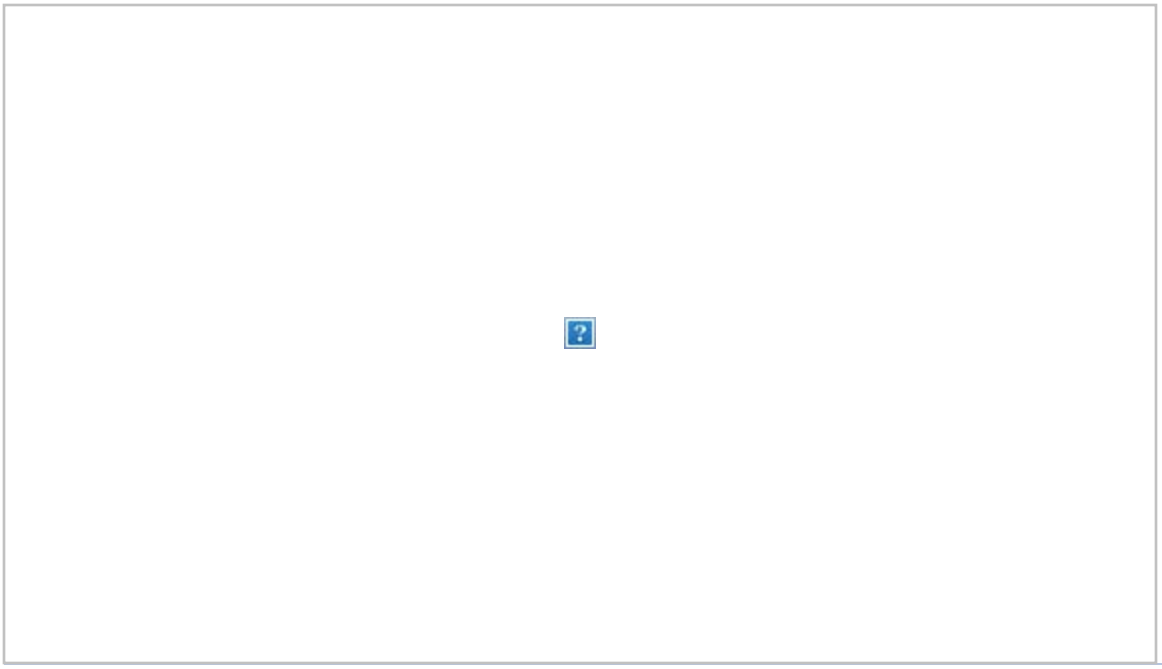
Good morning Graham,

As you already knowm the Huron-Wendat has numerous archaeological sites along the project route.

Therefore we must be involved in any upcoming Stage 3 archaeological work.

Best regards,

Maxime



De : DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Envoyé : 3 août 2018 09:57
À : Maxime Picard
Cc : Melanie Vincent
Objet : 407 Transitway (Hurontario to Highway 400) - Stage 2 Archaeological Assessment Report

Hello Maxime,

As per your request in your email dated April 20, 2018, we would like to advise you/your community that the Stage 2 Archaeological Assessment Report for the 407 Transitway project from west of Hurontario Street to east of Highway 400 has now been completed. This document is available at the following project website:

Website: http://www.407transitway.com/reports/hurontarioTo400/reports.html

Username: reports

Password: fH_9*sr

The Stage 2 Archaeological Assessment, including test pit and pedestrian surveys, was undertaken on lands retaining archaeological potential (identified during the Stage 1 Archaeological Assessment – report made available to you as part of the Draft EPR on December 12, 2017) that will be impacted by the proposed Transitway construction lying within 300 m of watercourses/waterbodies (where permission to enter was secured) to identify any sites/lands requiring further assessment (i.e. Stage 3 or Stage 4 Site Specific Archaeological Assessment). All remaining Stage 2 Archaeological Assessment not completed during the project, and any required Stage 3 and Stage 4 Archaeological Assessment, will be completed prior to construction. Please note that there are currently no timelines for construction of this Transitway

project. Once timelines are known and future archaeological assessments are undertaken, your community will be notified of these investigations.

As noted in my previous correspondence, the formal 120-day consultation and documentation TPAP period for this project began on April 25, 2018. At the end of the formal 120-day TPAP period, which is August 22, 2018, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you/your community will be sent a final contact letter to inform you/your community of opportunities to review the EPR.

All information produced as part of this study is available at **www.407transitway.com**. If you/your community would like further information regarding this study, please feel free to contact me. In addition, if you/your community are interested in meeting as a result of receiving this email/reviewing the Stage 2 Archaeological Assessment Report, please contact me to arrange for a meeting at your earliest convenience.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From: Liz Speller <lspeller@lgl.ca>
Sent: December-01-15 1:33 PM
To: Elizabeth Speller
Subject: FW: 407 Transitway from West of Hurontario Street to East of Highway 400
Attachments: HFN Response Letter - 407 Transitway from West of Hurontario Street to East of Highway 400 - November 16, 2015.doc

---

From: Lori Loucks [mailto:lloucks@hiawathafn.ca]
Sent: November 25, 2015 10:32 AM
To: DeRose, Graham (MTO)
Subject: 407 Transitway from West of Hurontario Street to East of Highway 400

Good morning Mr. DeRose,

Please find attached Hiawatha First Nation's response letter to the above mentioned project. Should you have any questions regarding the letter or any further information concerning the project, please do not hesitate to contact me.

Sincerely,

Lori Loucks
Community Consultation Worker

Hiawatha First Nation
123 Paudash Street
Hiawatha, ON K9J 0E6
705-295-7771
705-295-7131 (fax)
lloucks@hiawathafn.ca

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HIAWATHA FIRST NATION
123 Paudash Street
Hiawatha, ON K9J 0E6

Chief:	**Greg Cowie**
Councillor:	**Kirk Edwards**
Councillor:	**Lorne Paudash**
Councillor:	**Trisha Shearer**
Councillor:	**Art Vowles**
Councillor:	**Katie Wilson**

November 25, 2015

Dear Mr. DeRose:

Thank you for the information you sent to Hiawatha First Nation regarding the 407 Transitway from West of Hurontario Street to East of Highway 400 which is being proposed within Hiawatha First Nation's Traditional and Treaty Territories. Hiawatha First Nation appreciates that the Ministry of Transportation recognizes the importance of First Nations Consultation and that your office is conforming to the requirements within the Duty to Consult Process. The correspondence Hiawatha First Nation has received is not considered meaningful consultation but rather information sharing.

As per the Hiawatha First Nation Consultation Protocol, your proposed project is deemed to have little, if any, impact on Hiawatha First Nation's traditional territory and/or rights. Please keep us apprised of any updates, archaeological findings, and/or of any environmental impacts, should they occur. Hiawatha First Nation requests you contact us if archaeological artifacts are found as we require our trained archaeological liaisons be present at the archaeological sites during the assessments. We also ask that you forward any archaeological reports to Hiawatha First Nation as they are completed. Any maps pertaining to the project should be sent to Hiawatha First Nation in a shape file.

Hiawatha First Nation reserves the right to provide additional comment should further development result in additional potential impact on our traditional territory and rights. Please be aware that while we request to be kept appraised throughout all phases of this project, we may not always have representation at all stakeholders meetings.

Further correspondence may be directed to my attention at the mailing address above or the e-mail address below.

Sincerely,

Lori Loucks
Core Consultation Worker
Hiawatha First Nation

lloucks@hiawathafn.ca
Tele: (705) 295-7771
Fax: (705) 295-7131

From:	DeRose, Graham (MTO)
To:	tcowie@hiawathafn.ca
Subject:	407 Transitway (Hurontario to Highway 400) - Stage 2 Archaeological Assessment Report
Date:	August-03-18 10:16:40 AM

Hello Mr. Cowie,

As per the request in the letter dated November 25, 2015 we received from Ms. Loucks, we would like to advise you/your community that the Stage 2 Archaeological Assessment Report for the 407 Transitway project from west of Hurontario Street to east of Highway 400 has now been completed. This document is available at the following project website:

Website: http://www.407transitway.com/reports/hurontarioTo400/reports.html

Username: reports

Password: fH_9*sr

The Stage 2 Archaeological Assessment, including test pit and pedestrian surveys, was undertaken on lands retaining archaeological potential (identified during the Stage 1 Archaeological Assessment – report made available to you as part of the Draft EPR on December 12, 2017) that will be impacted by the proposed Transitway construction lying within 300 m of watercourses/waterbodies (where permission to enter was secured) to identify any sites/lands requiring further assessment (i.e. Stage 3 or Stage 4 Site Specific Archaeological Assessment). All remaining Stage 2 Archaeological Assessment not completed during the project, and any required Stage 3 and Stage 4 Archaeological Assessment, will be completed prior to construction. Please note that there are currently no timelines for construction of this Transitway project. Once timelines are known and future archaeological assessments are undertaken, your community will be notified of these investigations.

As noted in my previous correspondence, the formal 120-day consultation and documentation TPAP period for this project began on April 25, 2018. At the end of the formal 120-day TPAP period, which is August 22, 2018, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you/your community will be sent a final contact letter to inform you/your community of opportunities to review the EPR.

All information produced as part of this study is available at **www.407transitway.com**. If you/your community would like further information regarding this study, please feel free to contact me. In addition, if you/your community are interested in meeting as a result of receiving this email/reviewing the Stage 2 Archaeological Assessment Report, please contact me to arrange for a meeting at your earliest convenience.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Ministry of Transportation

Planning and Design Section
Central Region – Engineering

159 Sir William Hearst Ave.
4th Floor
Toronto, ON M3M 0B7
Tel: (416) 235-5255
Fax: (416) 235-3576

Ministère des Transports

Section de planification et de conception
Région du Centre – Ingénierie

159, avenue Sir William Hearst
4e étage
Toronto, ON M3M 0B7
Tel : (416) 235-5255
Téléc: (416) 325-3576

Ontario

February 5, 2016

Kris Nahrgang
Kawartha Nishnawbe
Box # 1432
Lakefield, Ontario
K0L 2H0

Dear Kris Nahrgang:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Notification of Study Commencement

The Ontario Ministry of Transportation (MTO) is commencing the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The purpose of this letter is to introduce the study, to request your participation, and to obtain available background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your organization may have regarding the study.

Parsons is managing the study on behalf of MTO. LGL Limited will be providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which

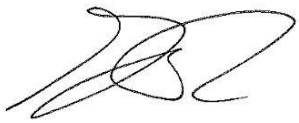
include Planning and Preliminary Design for the 407 Transitway. One Public Information Centre (PIC) will be held prior to the commencement of the TPAP and a second PIC will be held during the formal initiation of the TPAP for this study. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning and Preliminary Design and will be released for public review and comment. You will receive notification of the PICs, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the EPR). The "Notices of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers. All information produced as part of this project is available at **www.407transitway.com**.

Considering the scope of work for this study, it has been determined by the study team that archaeological investigations will be required in the vicinity of the corridor.

Please complete the attached form and return it to my attention by **March 4, 2016**. The study team is interested in hearing any comments you might have about this study. Should you require further information regarding this study or should you prefer to meet with Ministry staff, please feel free to contact me.

Thank you for your co-operation.

Yours sincerely,



Graham DeRose
Project Manager
Ministry of Transportation

c.c. Larry Sarris, MTO Environmental Planner
Khaled El-Dalati, Parsons
George Ivanoff, LGL Limited

Attach

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Update contact information if necessary

Kris Nahrgang
Kawartha Nishnawbe
Box # 1432
Lakefield, Ontario
K0L 2H0

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

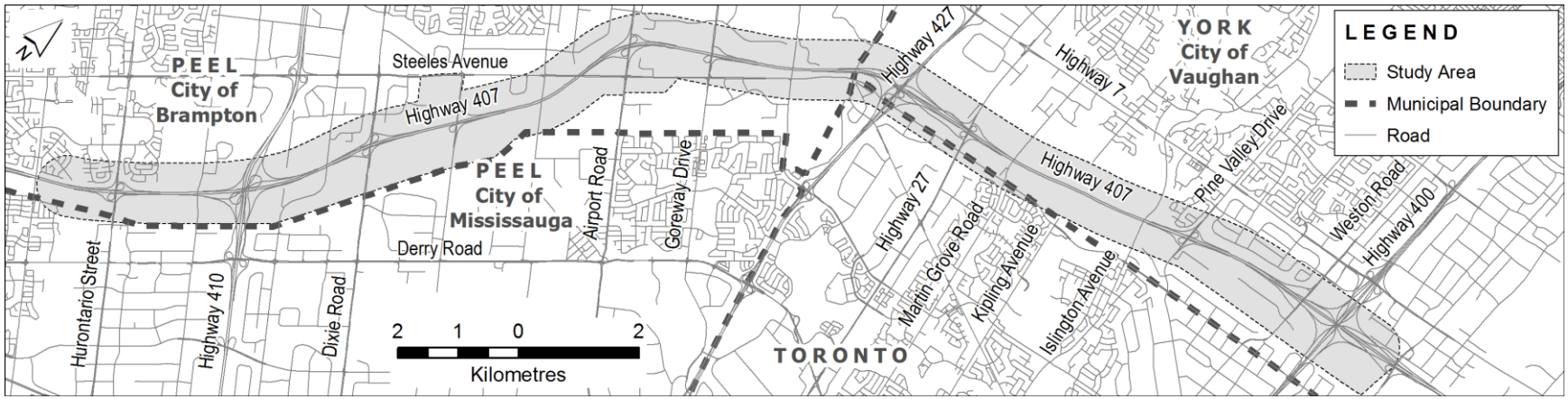
I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

Please return this completed form by March 4, 2016:

Graham DeRose
MTO Project Manager
Route Planning and Transit Initiatives
Ministry of Transportation, Central Region
159 Sir William Hearst Ave., 4th Floor
Toronto, ON M3M 0B7
Tel: 416-235-5255, Fax: 416-235-3576
E-mail: graham.derose@ontario.ca



KEY PLAN OF THE STUDY AREA

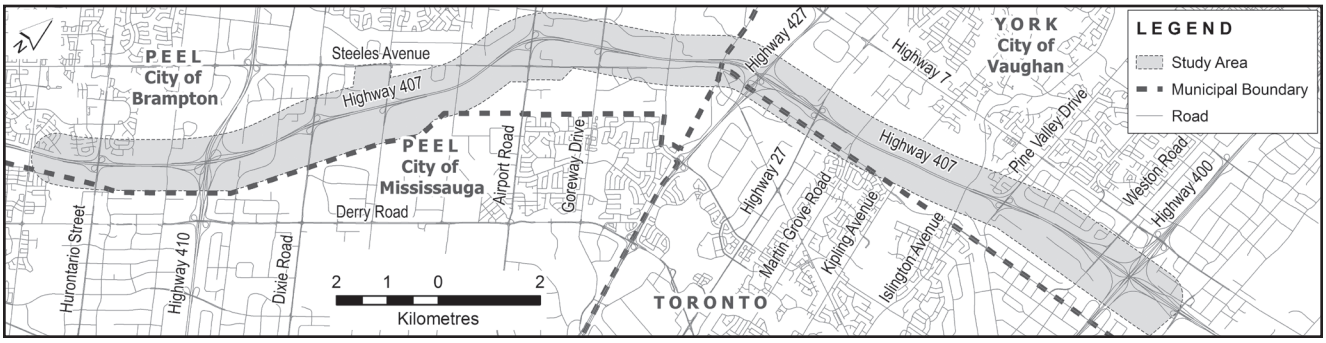
NOTICE OF PUBLIC INFORMATION CENTRE #1

407 Transitway - Hurontario Street to Highway 400
Regional Municipalities of Peel and York, Ontario Ministry of Transportation

THE PROJECT

The Ontario **Ministry of Transportation (MTO)** is conducting the Planning, Preliminary Design and Environmental Assessment of the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The Transitway facility will consist of 23 km of runningway and several stations that will include parking facilities, transit integration and other amenities. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115. This Transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.



THE PROCESS

MTO is carrying out a Planning Study for the 407 Transitway prior to initiating the Transit Project Assessment Process (TPAP) as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* The Planning Study includes a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives. The Notice of Commencement for the formal TPAP and the Notice regarding the release of study documentation will be published in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com.**

PUBLIC INFORMATION CENTRE (PIC) # 1

PICs will be held at two (2) key milestones during the study. The first PIC will be held at the following two locations:

Date: **December 6, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Greenbriar Recreation Centre**
1100 Central Park Drive, Brampton, ON L6S 2C9

Date: **December 8, 2016**
Time: **4:00 p.m. to 8:00 p.m.**
Location: **Woodbridge Pool and Memorial Arena**
5020 Highway 7, Woodbridge, ON L4L 1T1

The PIC will be an informal drop-in centre. The results of the Planning Study will be displayed including introduction to the Transitway, existing conditions, ridership forecast, potential service plans, potential alignments and station location alternatives, and identification of the initially preferred planning alignment and station locations. MTO staff and their consultants will be on hand to answer any questions and to receive your input. A second PIC will be held at a later time to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail. Notification of the second PIC will also be published in local newspapers.

COMMENTS

We are interested in hearing any comments that you may have about this study. Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the *Environmental Assessment Act.* Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act.* With the exception of personal information, all comments will become part of the public record.

Please send any comments or requests to any of the following:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor, Toronto, ON M3M 0B7
tel: 416-235-5255 / fax: 416-235-3576
e-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
tel: 905-943-0505
fax: 905-943-0400
e-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor, Toronto, ON M3M 0B7
tel: 416-235-5272
e-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280, King City, ON L7B 1A6
tel: 905-833-1244
fax: 905-833-1255
e-mail: gkauffman@lgl.com

Pour des renseignements en français, veuillez communiquer avec Mlle Jen Noël, LGL Limited au 519 622-3300 (à frais virés).

Ontario

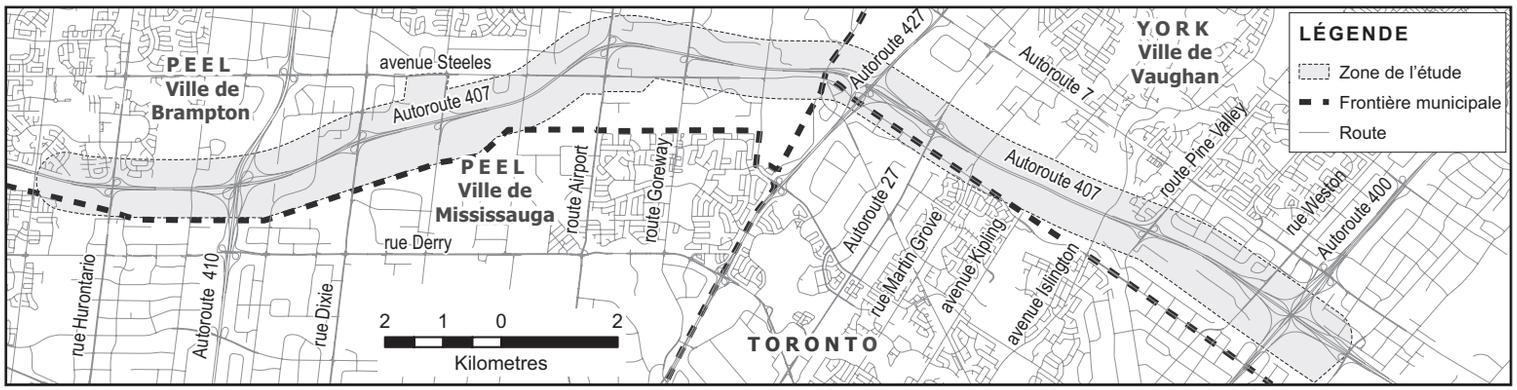
AVIS DU CENTRE D'INFORMATION Nº 1

Voie réservée 407 de la rue Hurontario jusqu'à l'autoroute 400
Municipalités régionales de Peel et de York, ministère des Transports de l'Ontario

LE PROJET

Le **ministère des Transports de l'Ontario** effectue la planification, la conception préliminaire et l'évaluation environnementale de la voie réservée 407 à l'ouest de la rue Hurontario jusqu'à la frontière des villes de Brampton et de Mississauga à l'est de l'autoroute 400 dans la ville de Vaughan. La voie réservée 407 comprend un réseau de transport en commun entièrement séparé sur une voie exclusive le long du corridor de l'autoroute 407. La voie réservée sera composée de 23 km de voie de roulement et de nombreuses stations, l'intégration du transport en commun et d'autres commodités. Sous réserve des résultats de l'étude, la voie réservée 407 entrera en vigueur pour commencer à la Bus Rapid Transit (BRT), avec la possibilité d'une conversion à la Light Rail Transit (LRT) dans le futur.

Ce segment de 23 km fait partie de la voie interrégionale haute vitesse de 150 km qui sera construite au final comme une voie séparée parallèle à l'autoroute 407 de Burlington jusqu'à la route 35/115. Cette voie réservée est un composant des plans officiels des municipalités responsables et de l'engagement de la province à appuyer les initiatives relatives au transport en commun dans la grande région du Golden Horseshoe dans le cadre du Plan de transport régional de Metrolinx.



LE PROCESSUS

Le ministère des Transports réalise une étude de planification pour la voie réservée 407 avant de lancer le processus d'évaluation des projets de transport en commun conformément à la loi *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings.* L'étude de planification comprend un examen des conditions existantes, une étude des prévisions d'achalandage et du plan de service, ainsi qu'une évaluation des possibles alignements et autres emplacements des stations de la voie réservée. L'avis de commencement pour le processus d'évaluation formel et l'avis concernant la divulgation de la documentation de l'étude seront publiés plus tard dans les journaux locaux. Toute l'information produite dans le cadre de cette étude est disponible au **www.407transitway.com.**

CENTRE D'INFORMATION Nº 1

Les centres d'information auront lieu à deux (2) étapes importantes de l'étude. Le premier centre se tiendra aux deux emplacements suivants :

Date : **6 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Greenbriar Recreation Centre**
1100, route Central Park, Brampton (Ontario) L6S 2C9

Date : **8 décembre 2016**
Heure : **de 16 h à 20 h**
Lieu : **Woodbridge Pool and Memorial Arena**
5020, autoroute 7, Woodbridge (Ontario) L4L 1T1

Le centre d'information sera un événement sans rendez-vous. Les résultats de l'étude de planification seront affichés, y compris la présentation de la voie réservée aux transports en commun, les conditions existantes, les prévisions d'achalandage, les plans de services possibles, les alignements et les autres emplacements possibles des stations, ainsi que l'identification de l'alignement du plan et des emplacements des stations préférés. Les membres du personnel du ministère des Transports et leurs consultants seront sur place pour répondre aux questions et recevoir les commentaires. Un deuxième centre d'information aura lieu plus tard afin de présenter l'alignement de l'itinéraire et les stations préférables d'un point de vue technique, les possibles répercussions environnementales et les mesures d'atténuation prescrites pour une conception préliminaire. L'avis du deuxième centre d'information sera également publié dans les journaux locaux.

COMMENTAIRES

Vos commentaires par rapport à cette étude nous intéressent. Les commentaires et renseignements concernant cette étude seront recueillis pour aider l'équipe de l'étude à répondre aux exigences de la *Loi sur les évaluations environnementales.* Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée.* Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public.

Veuillez transmettre vos commentaires ou vos demandes à l'une des personnes suivantes :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Khaled El-Dalati, ing.
Chargé de projet de firme de conseils Parsons
625, route Cochrane, bureau 500
Markham (Ontario) L3R 9R9
tél. : 905 943-0505
téléc. : 905 943-0400
courriel : k.eldalati@parsons.com

Sarah Merriam, M.Sc.
Planificatrice environnementaliste principale du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5272
courriel : sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

Ontario

Government Services
Building
22 Winookeeda Street
Curve Lake, Ontario K0L1R0

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

23 February, 2016

Graham Derose
1201 Wilson Ave. 4th Floor, Bldg. D
Downsview, Ontario M3M 1J8

Dear Graham Derose,

RE: Planning and Preliminary Design Study G.W.P. 14-20001

I would like to acknowledge receipt of your correspondence, which was received on 11/16/2015 regarding the above noted project.

As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Curve Lake First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and is the subject of a claim under Canada's Specific Claims Policy. We strongly suggest that you provide Karry Sandy-Mackenzie, Williams Treaty First Nation Claims Coordinator, 8 Creswick Court, Barrie, ON L4M 2S7, with a copy of your proposal as your obligation to consult to also extend to the other First Nations of the Williams Treaties.

Although we have not conducted exhaustive research nor have we the resources to do so, Curve Lake First Nation Council is not currently aware of any issues that would cause concern with respect to our Traditional, Aboriginal and Treaty rights.

Please note that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains or other such evidence of a native burial site or any Archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the Cemeteries Act to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Curve Lake First Nation also has available, trained Archaeological Liaisons who are able to actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent.

If any new, undisclosed or unforeseen issues should arise, that has potential for anticipated negative environmental impacts or anticipated impacts on our Treaty and Aboriginal rights we require that we be notified regarding these as well.

Government Services
Building
22 Winookeeda Street
Curve Lake, Ontario K0L1R0

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

Thank you for recognizing the importance of consultation and respecting your duty to consult obligations as determined by the Supreme Court of Canada.

Should you have further questions or if you wish to hire a liaison for a project, please feel free to contact our Lands and Resources Consultation Liaisons by email, Melissa Dokis at MelissaD@curvelake.ca, or by phone at 705-657-8045.

Yours sincerely,

Chief Phyllis Williams
Curve Lake First Nation

Ministry of Transportation

Planning and Design Section
Central Region – Engineering

159 Sir William Hearst Ave.
4th Floor
Toronto, ON M3M 0B7
Tel: (416) 235-5255
Fax: (416) 235-3576

Ministère des Transports

Section de planification et de conception
Région du Centre – Ingénierie

159, avenue Sir William Hearst
4e étage
Toronto, ON M3M 0B7
Tel : (416) 235-5255
Téléc: (416) 325-3576

Ontario

March 4, 2016

Chief Phyllis Williams
Curve Lake First Nation
22 Winookeeda Street
Curve Lake, Ontario
K0L 1R0

Dear Chief Williams:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
Planning and Preliminary Design Study G.W.P. 14-20001
City of Brampton and City of Vaughan
Response to Notification of Study Commencement

Thank you for your letter dated 23 February, 2016 in response to my initial Notice of Study Commencement for the 407 Transitway Study.

You suggested that we provide Karry Sandy-Mackenzie, Williams Treaty First Nation Claims Coordinator with a copy of our proposal. Be assured that we have sent Ms. Sandy-Mackenzie and other First Nations of the Williams Treaty letters describing our project.

We note your concern should any of this work unearth any human remains or archaeological findings. We commit to following our obligations under the *Cemeteries Act* and will notify First Nations representatives should human remains or archaeological findings be uncovered.

Should you have any other concerns regarding this project, please feel free to contact me.

Yours sincerely,

Graham DeRose
Project Manager
Ministry of Transportation

c.c. Larry Sarris, MTO Environmental Planner
Jeffry Siebert, MTO Regional Archaeologist
Khaled El-Dalati, Parsons
George Ivanoff, LGL Limited

Government Services
Building
22 Winookeeda Street
Curve Lake, Ontario K0L1R0

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

29 November, 2016

Graham DeRose
MTO Project Manager
159 Sir William Hearst Avenue
Toronto, Ontario M3M 0B7

Dear Graham DeRose,

RE: 407-Transitway Hurontario Street to East of Highway 400 (G.W.P 1320001)

I would like to acknowledge receipt of your correspondence, which was received on 11/21/2016 regarding the above noted project.

As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Curve Lake First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and is the subject of a claim under Canada's Specific Claims Policy. We strongly suggest that you provide Karry Sandy-Mackenzie, Williams Treaty First Nation Claims Coordinator, 8 Creswick Court, Barrie, ON L4M 2S7, with a copy of your proposal as your obligation to consult to also extend to the other First Nations of the Williams Treaties.

Although we have not conducted exhaustive research nor have we the resources to do so, Curve Lake First Nation Council is not currently aware of any issues that would cause concern with respect to our Traditional, Aboriginal and Treaty rights.

Please note that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains or other such evidence of a native burial site or any Archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the Cemeteries Act to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Curve Lake First Nation also has available, trained Archaeological Liaisons who are able to actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent.

Government Services
Building
22 Winookeeda Street
Curve Lake, Ontario K0L1R0

CURVE LAKE
FIRST NATION

Phone: 705.657.8045
Fax: 705.657.8708
www.curvelakefirstnation.ca

If any new, undisclosed or unforeseen issues should arise, that has potential for anticipated negative environmental impacts or anticipated impacts on our Treaty and Aboriginal rights we require that we be notified regarding these as well.

Thank you for recognizing the importance of consultation and respecting your duty to consult obligations as determined by the Supreme Court of Canada.

Should you have further questions or if you wish to hire a liaison for a project, please feel free to contact our Lands and Resources Consultation Liaisons by email, Melissa Dokis at MelissaD@curvelake.ca , Kaitlin Hill at KaitlinH@curvelake.ca , or by phone at 705-657-8045.

Yours sincerely,

Chief Phyllis Williams
Curve Lake First Nation

Ministry of Transportation
Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports
Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

February 22, 2017

Chief Phyllis Williams
Curve Lake First Nation
Government Services Building
22 Winookeeda Street
Curve Lake, Ontario
K0L 1R0

Dear Chief Williams:

SUBJECT: 407 Transitway – from West of Hurontario Street to East of Highway 400
Planning, Environmental Assessment and Preliminary Design
G.W.P. 14-20001
City of Brampton and City of Vaughan
Public Information Centre #1 Response Letter

Thank you for your letter dated November 29, 2016 in response to my invitation to the first Public Information Centre for the 407 Transitway Study.

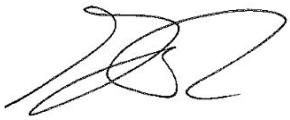
You suggested that we provide Karry Sandy-Mackenzie, Williams Treaty First Nation Claims Coordinator, with a copy of our proposal. Be assured that we sent Karry Sandy-Mackenzie, and other First Nations of the Williams Treaty, invitation letters to the first Public Information Centre on November 18, 2016.

We note your concern should any of this work unearth any human remains/burial sites or archaeological findings. We commit to following our obligations under the *Ontario Heritage Act* and the *Funeral, Burial and Cremation Services Act* and will notify First Nations representatives should human remains/burial sites or archaeological findings be discovered.

Should you have any other concerns regarding this project, please feel free to contact me.

…/2

Yours sincerely,



Graham DeRose
Ministry of Transportation, Central Region
Project Manager
Route Planning & Transit Initiatives

c: Sarah Merriam, MTO Senior Environmental Planner
Jeffrey Seibert, MTO Regional Archaeologist
Khaled El-Dalati, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

August 2, 2018

Chief Phyllis Williams
Curve Lake First Nation
Government Services Building
22 Winookeeda Street
Curve Lake, Ontario
K0L 1R0

Dear Chief Williams:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Completion of Stage 2 Archaeological Assessment Report

As per your request to be notified of any archaeological findings in your letters dated February 26, 2016 and November 29, 2016 , we would like to advise you/your community that the Stage 2 Archaeological Assessment Report for the 407 Transitway project from west of Hurontario Street to east of Highway 400 has now been completed. This document is available at the following project website:

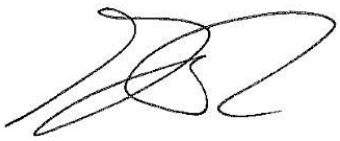
Website: http://www.407transitway.com/reports/hurontarioTo400/reports.html
Username: reports
Password: fH_9*sr

The Stage 2 Archaeological Assessment, including test pit and pedestrian surveys, was undertaken on lands retaining archaeological potential (identified during the Stage 1 Archaeological Assessment – report made available to you as part of the Draft EPR on December 12, 2017) that will be impacted by the proposed Transitway construction lying within 300 m of watercourses/waterbodies (where permission to enter was secured) to identify any sites/lands requiring further assessment (i.e. Stage 3 or Stage 4 Site Specific Archaeological Assessment). All remaining Stage 2 Archaeological Assessment not completed during the project, and any required Stage 3 and Stage 4 Archaeological Assessment, will be completed prior to construction. Please note that there are currently no timelines for construction of this Transitway project. Once timelines are known and future archaeological assessments are undertaken, your community will be notified of these investigations.

As noted in my previous correspondence, the formal 120-day consultation and documentation TPAP period for this project began on April 25, 2018. At the end of the formal 120-day TPAP period, which is August 22, 2018, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. The Notice of Completion of EPR (with information on the release of the final EPR) will be published in local newspapers at the end of the 120-day period, and you/your community will be sent a final contact letter to inform you/your community of opportunities to review the EPR.

All information produced as part of this study is available at **www.407transitway.com**. If you/your community would like further information regarding this study, please feel free to contact the undersigned at 416-235-5255 or via e-mail at graham.derose@ontario.ca. In addition, if you/your community are interested in meeting as a result of receiving this letter/reviewing the Stage 2 Archaeological Assessment Report, please contact me to arrange for a meeting at your earliest convenience.

Yours sincerely,



Graham DeRose
Project Manager

c.c. Larry Sarris, MTO Senior Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
Chris Bishop, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited
Melissa Dokis, Lands and Resources Consultation, Curve Lake First Nation

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: Tuesday, February 21, 2017 2:31 PM
To: Hollie Nolan; Chief Rodney Noganosh
Cc: Merriam, Sarah (MTO); Liz Speller; Garron, Gus; Kerslake, Holly
Subject:RE: 407 Transitway from West Hurontario Street to East of Highway 400 Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001 – Public Information Centre #1 Invitation Letter.

Dear Chief Noganosh,

Thank you for your email regarding the Public Information Centre for the 407 Transitway from west of Hurontario Street to east of Highway 400. Please note that an invitation letter to the Public Information Centre was sent to Karry Sandy-McKenzie on November 18, 2016. Please see below, for your information, a link to the project website and the panels/information presented at the PIC.

http://www.407transitway.com/hurontarioTo400/consultation.html[407transitway.com]

We will continue to keep you and Karry Sandy-McKenzie informed as the project progresses. Please feel free to contact me if you have any questions or concerns.

Sincerely,
Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Hollie Nolan [mailto:hollien@ramafirstnation.ca]
Sent: November 29, 2016 3:35 PM
To: DeRose, Graham (MTO)
Cc: Chief Rodney Noganosh
Subject: re: 407 Transitway from West Hurontario Street to East of Highway 400 Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001 – Public Information Centre #1 Invitation Letter.

Dear Graham;

Thank you for your letter re: 407 Transitway from West Hurontario Street to East of Highway 400 Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001 – Public Information Centre #1 Invitation Letter.

Please be advised that we reviewed your letter. I have shared it with Council and we've forwarded the information to Karry Sandy McKenzie, Williams Treaties First Nation Process Co-ordinator/Negotiator.

Ms. McKenzie will review your letter and take the necessary action if required. In the interim, should you wish to contact Ms. McKenzie directly, please do so at k.a.sandy-mckenzie@rogers.com

Thank you,
Chief Rodney Noganosh

_____

Hollie Nolan
Executive Assistant to the Chief, Administration
Chippewas of Rama First Nation
(ph) 705-325-3611,1216
(cell)
(fax) 705-325-0879
(url) www.ramafirstnation.ca

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

? Please consider the environment before printing this e-mail.

From:	Liz Speller
To:	Liz Speller
Subject:	FW: Ministry of Transportation – 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001 – Public Information Centre #2 Invitation Letter
Date:	January-22-18 10:12:07 AM

From: DeRose, Graham (MTO)
Sent: January 17, 2018 10:35 AM
To: 'Chief Rodney Noganosh'; john.mcgill@parsons.com
Subject: RE: Ministry of Transportation – 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001 – Public Information Centre #2 Invitation Letter

Good Morning,

Thank you for your emails yesterday regarding the 407 Transitway assignment, from west of Hurontario Street to east of Highway 400 and the upcoming PIC. I just wanted to confirm that Ms. McKenzie is also on our contact list for this project and has been sent the same information directly from the project team.

Please let me know if you have any additional questions regarding this project. Thank you for your continued interest in the 407 Transitway.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: Hollie Nolan [mailto:hollien@ramafirstnation.ca] **On Behalf Of** Chief Rodney Noganosh
Sent: January 16, 2018 3:32 PM
To: DeRose, Graham (MTO); john.mcgill@parsons.com
Subject: re: Ministry of Transportation – 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001 – Public Information Centre #2 Invitation Letter

Dear Graham;

Thank you for your letter re: Ministry of Transportation – 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001 – Public Information Centre #2 Invitation Letter.

Please be advised that we reviewed your letter. I have shared it with Council and we've forwarded the information to Karry Sandy McKenzie, Williams Treaties First Nation Process Co-ordinator/Negotiator. Ms. McKenzie will review your letter and take the necessary action if required. In the interim, should you wish to contact Ms. McKenzie directly, please do so at k.a.sandy-

mckenzie@rogers.com

Thank you,

Chief Rodney Noganosh

_____

Hollie Nolan
Executive Assistant to the Chief, Administration
Chippewas of Rama First Nation
(ph) 705-325-3611,1216
(cell)
(fax) 705-325-0879
(url) www.ramafirstnation.ca

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Please consider the environment before printing this e-mail.

From:	Liz Speller
To:	Liz Speller
Subject:	FW: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP – G.W.P. 14-200001 – Commencement of Transit Project Assessment Process (TPAP).
Date:	May-11-18 10:54:24 AM

From: Hollie Nolan [mailto:hollien@ramafirstnation.ca] **On Behalf Of** Chief Rodney Noganosh
Sent: April 27, 2018 3:19 PM
To: DeRose, Graham (MTO)
Subject: re: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP – G.W.P. 14-200001 – Commencement of Transit Project Assessment Process (TPAP).

Dear Graham;

Thank you for your letter re: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP – G.W.P. 14-200001 – Commencement of Transit Project Assessment Process (TPAP).

Please be advised that we reviewed your letter. I have shared it with Council and we've forwarded the information to Karry Sandy McKenzie, Williams Treaties First Nation Process Co-ordinator/Negotiator. Ms. McKenzie will review your letter and take the necessary action if required. In the interim, should you wish to contact Ms. McKenzie directly, please do so at k.a.sandy-mckenzie@rogers.com

Thank you,

Chief Rodney Noganosh

Hollie Nolan
Executive Assistant to the Chief, Administration
Chippewas of Rama First Nation
(ph) 705-325-3611,1216
(cell)
(fax) 705-325-0879
(url) www.ramafirstnation.ca

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Please consider the environment before printing this e-mail.

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

September 15, 2017

Ms. Hazel Hill
Haudenosaunee Development Institute
16 Sunrise Court, Suite 407
P.O. Box 714
Oshweken, Ontario
N0A 1M0

Dear Ms. Hill:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 Planning, Environmental Assessment and Preliminary Design G.W.P. 14-20001

The Ontario Ministry of Transportation (MTO) is conducting the Planning Phase, Environmental Assessment, and Preliminary Design of the 407 Transitway from west of Hurontario Street in the City of Brampton to east of Highway 400 in the City of Vaughan. The 407 Transitway includes a two-lane, fully grade separated transit facility on an exclusive right-of-way, running along the Highway 407 Corridor. The transitway facility will consist of 23 km of runningway and a number of stations. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit (BRT) with the opportunity to convert to Light Rail Transit (LRT) in the future. A key plan of the study area is attached to this letter.

This 23 km segment forms part of the 150 km long high-speed interregional facility planned to be ultimately constructed on a separate right-of-way that parallels Highway 407 from Burlington to Highway 35/115, with stations, parking and access connections. This transitway is a component within the official plans of the stakeholder municipalities and of the Province's commitment to support transit initiatives in the Greater Golden Horseshoe through the Metrolinx Regional Transportation Plan.

The purpose of this letter is to introduce the study to your community, to request your participation, and to obtain available background information related to the study area. Information that would be of interest to the study team includes any description of existing conditions or sensitivities within the study area, and any issues or concerns that your council and community members may have regarding the study.

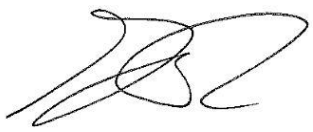
Parsons is managing the study on behalf of MTO. LGL Limited is providing environmental design and planning services on behalf of Parsons. The study will follow the Transit Project Assessment Process (TPAP) prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings* under the *Environmental Assessment Act*. The study team is currently undertaking pre-planning activities which include Planning and Preliminary Design for the 407 Transitway. A Public Information Centre will be held during the formal initiation of the TPAP for this study to present the technically preferred route alignment and stations, potential environmental impacts and prescribed mitigation measures to a preliminary design level of detail. Upon completion of the study, an Environmental Project Report (EPR) will be prepared to document the results of Planning, Environmental Assessment and Preliminary Design which will be released for agency and public review and comments. You will receive notification of the PIC, the formal commencement of the TPAP and of the release of the EPR (to inform you of opportunities to review the Report). The "Notice of PIC", "Notice of Commencement of TPAP" and "Notice of Completion of EPR" will also be published in local newspapers. All information produced as part of this project is available at **www.407transitway.com**.

As part of this study, field investigations as they pertain to the surrounding natural, social and cultural environments are being undertaken and assessments/reports will be completed, including:

- Fish and Fish Habitat Existing Conditions and Impact Assessment Report;
- Terrestrial Ecosystems Report, including ecological land classification (ELC), botanical inventory, migratory bird activity, and wildlife activity and habitat;
- Groundwater Existing Conditions and Impact Assessment Report;
- Stage 1/2 Archaeological Assessment following Ministry of Tourism, Culture and Sport guidelines for the completion of archaeological assessments; and,
- Built Heritage and Cultural Heritage Landscape Assessment within the study limits.

Please complete the attached form and return it to my attention by **October 16, 2017**. The study team is interested in hearing any comments you might have about this study. Should you require further information regarding this study, please feel free to contact the undersigned at 416-235-5255 or via e-mail at graham.derose@ontario.ca. In addition, if you are interested in meeting as a result of receiving this letter, please contact me to arrange for a meeting at your earliest convenience.

Sincerely,



Graham DeRose
Project Manager

Attachments

c.c. Larry Sarris, MTO Environmental Planner
Jeffrey David Seibert, MTO Regional Archaeologist
John McGill, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited

407 TRANSITWAY
HURONTARIO STREET TO HIGHWAY 400
CITY OF BRAMPTON AND CITY OF VAUGHAN
G.W.P. 14-20001

Update contact information if necessary

Ms. Hazel Hill
Haudenosaunee Development Institute
16 Sunrise Court, Suite 407
P.O. Box 714
Oshweken, Ontario
N0A 1M0

Please check the most appropriate statement.

I have no concerns about the study at this time, but I wish to remain informed about the study's progress. ☐

I have no concerns about the study and I can be removed from your contact list. ☐

I will be commenting on this study by the date specified. ☐

I will be providing background information related to this study by the date specified. ☐

I am interested in receiving the following additional information about the study: ☐

_____

_____

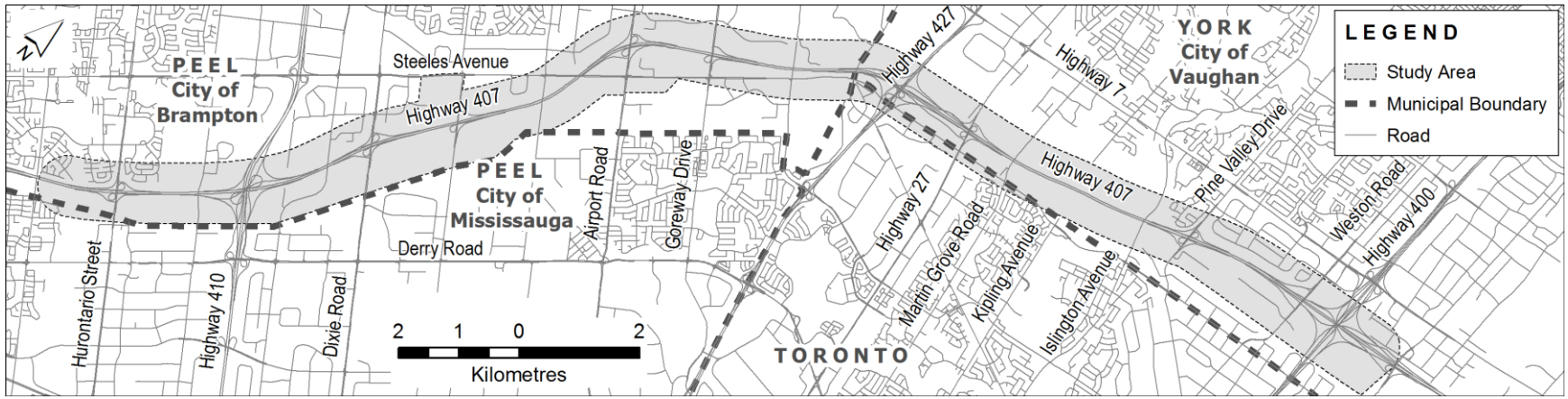
_____

_____

_____

Please return this completed form by October 16, 2017 to:

Graham DeRose
MTO Project Manager
Route Planning and Transit Initiatives
Ministry of Transportation, Central Region
159 Sir William Hearst Ave., 4th Floor
Toronto, ON M3M 0B7
Tel: 416-235-5255, Fax: 416-235-3576
Email:graham.derose@ontario.ca



KEY PLAN OF THE STUDY AREA

CORRESPONDENCE
WITH
LANDOWNERS AND
MEMBERS OF THE PUBLIC

IMPACTED PROPERTY OWNER

PIC #2 INVITATION LETTER AND PROPERTY PLATE(S)

LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario CANADA L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

January 9, 2018

Impacted Property Owner PIC #2 Invitation Letter and Property Plate(s)

«Title» «FirstName» «LastName»
«JobTitle»
«Company»
«Address1»
«Address2»
«City», «Province»
«PostalCode»

Dear «Title» «LastName»:

RE: 407 Transitway from West of Hurontario Street to East of Highway 400
TPAP, G.W.P. 14-20001
Public Information Centre #2 Invitation Letter

The Ministry of Transportation of Ontario (MTO) is conducting a study for the 407 Transitway from west of Hurontario Street at the boundary of the Cities of Brampton and Mississauga to east of Highway 400 in the City of Vaughan. The project is currently in the pre-Transit Project Assessment Process (TPAP) phase prior to initiating the formal 120-day consultation and documentation period as prescribed in *Ontario Regulation 231/08, Transit Projects and Metrolinx Undertakings*. The pre-TPAP phase included a review of existing conditions, a forecast ridership and service plan study, and an assessment of potential Transitway alignments and station location alternatives.

The purpose of this letter is to inform you of the second Public Information Centre (PIC) that will be held for this project, and to identify impacts to your property.

PIC #2 will be held at the following two locations:

Date: January 23, 2018
Time: 4:00 p.m. to 8:00 p.m.
Location: Greenbriar Recreation Centre
1100 Central Park Drive
Brampton, ON L6S 2C9

Date: January 25, 2018
Time: 4:00 p.m. to 8:00 p.m.
Location: Woodbridge Pool and Memorial Arena
5020 Highway 7
Woodbridge, ON L4L 1T1

Further details of the PIC are presented in the enclosed Notice. Please note that the first PIC for this project was held in December 2016.

The technically preferred alternative for the 407 Transitway will impact your property. The property survey indicates that you/your corporation owns PIN X. Please see the attached conceptual drawing showing the approximate property impact (for PIN X). Members of the Project Team will be available at PIC #2 to discuss the property impacts with you.

Upon completion of the study, an Environmental Project Report (EPR) documenting the results of the TPAP will be released for agency/stakeholder and public review and comments. You will receive notification of the formal commencement of the 120-day TPAP period and of the release of the Final EPR (to inform you of opportunities to review the Report). The “Notice of Commencement of TPAP” and “Notice of Completion of EPR” will also be published separately in local newspapers at a later time. All information produced as part of this study is available at **www.407transitway.com**.

If you are unable to attend PIC #2 and would like further information regarding the study, please contact either the undersigned or one of the contacts indicated in the enclosed Notice.

Information regarding this study is being collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

Encl – Notice of PIC 2 OGN and Property Plate

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, MTO Environmental Planner
John McGill, Consultant Project Manager, Parsons

LANDOWNER/PUBLIC COMMENTS AND RESPONSES

From: Liz Speller
Sent: Monday, January 23, 2017 5:05 PM
To: [redacted]
Cc: Liz Speller
Subject:FW: 407 Transitway - Hurontario to 400 - Website Comment/Request

Good afternoon [redacted]

Please see my email below in response to your website comment regarding the 407 Transitway from Hurontario Street to Highway 400. It appears that my initial email did not go through.

Regards,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: Liz Speller
Sent: Wednesday, December 7, 2016 2:40 PM
To: [redacted]
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; 'Merriam, Sarah (MTO)' <Sarah.Merriam@ontario.ca>; 'Garron, Gus' <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway - Hurontario to 400 - Website Comment/Request

Good afternoon [redacted]

Thank you for your website comment regarding the 407 Transitway from Hurontario Street to Highway 400. [redacted] located just north of the study area limits shown on the key plan in the Notice of Public Information Centre #1. However, although the study area extends north of the 407 ETR, the transitway will be located south of the 407 ETR in this area.

The first Public Information Centre for the 407 Transitway took place yesterday at Greenbriar Recreation Centre in Brampton. The second PIC (with the same material) will take place tomorrow (December 8, 2016) from 4:00 to 8:00 p.m. at the Woodbridge Pool and Memorial Arena (5020 Highway 7, Woodbridge, Ontario). Please see below for the link to the project website and the panels/information presented at the Public Information Centre.

http://www.407transitway.com/hurontarioTo400/consultation.html

Please let me know if you require any further information about the PIC or the 407 Transitway study.

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: [redacted]
Sent: Friday, November 18, 2016 5:06 PM
To: Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway - Hurontario to 400 - Website Comment/Request

From: [redacted]
E-mail: [redacted]

Question/Request: I just received Notice of Public Information Centre #1. The map is too small to read. [redacted]ncluded in your study area? Thanks, [redacted]

VOIE RÉSERVÉE 407 DE LA RUE HURONTARIO JUSQU'À L'AUTOROUTE 400

CENTRE D'INFORMATION Nº 1

407 Transitway

6 décembre 2016
de 16 h à 20 h
Greenbriar Recreation Centre
1100, route Central Park, Brampton

8 décembre 2016
de 16 h à 20 h
Woodbridge Pool and Memorial Arena
5020, autoroute 7, Woodbridge

Veuillez faire part de vos commentaires relativement à l'étude et déposer votre formulaire de commentaires dans la boîte prévue à cet effet. Vous pouvez aussi le faire parvenir par courrier, télécopieur ou courriel au plus tard le **9 janvier 2017** à l'un ou l'autre des représentants de l'équipe du projet :

Graham DeRose
Chargé de projet du ministère des Transports
Ministère des Transports, région du Centre
Section de la planification et de la conception
159, avenue Sir William Hearst, 4e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5255
téléc. : 416 235-3576
courriel : graham.derose@ontario.ca

Khaled El-Dalati, ing.
Chargé de projet de firme de conseils
Parsons
625, route Cochrane, bureau 500
Markham (Ontario) L3R 9R9
tél. : 905 943-0505
téléc. : 905 943-0400
courriel : k.eldalati@parsons.com

Sarah Merriam, M.Sc.
Planificatrice environnementaliste principale du MTO
Ministère des Transports, région du Centre
Section de l'environnement
159, avenue Sir William Hearst, 3e étage
Toronto (Ontario) M3M 0B7
tél. : 416 235-5272
courriel : sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Conseiller/Planificateur environnemental
LGL Limited
22, rue Fisher, case postale 280
King City (Ontario) L7B 1A6
tél. : 905 833-1244
téléc. : 905 833-1255
courriel : gkauffman@lgl.com

COMMENTAIRES :

- STATIONS ARE A GREAT IDEA - BUILD THEM NOW.
- USE 407 UNTIL CAPACITY JUSTIFIES SEPARATE DEDICATED BUSWAY.
- BUILD BUSWAY LATER AS DEMAND INCREASES OR 407ETR BECOMES CONGESTED.
- ALLOW LAND ZONING TO BUILD OFFICES & OTHER HIGH DENSITY EMPLOYMENT BUILDINGS TO BETTER UTILIZE BUSWAY SERVICES.

Merci de votre participation.

Les commentaires et renseignements concernant cette étude seront recueillis pour aider l'équipe de l'étude à répondre aux exigences de la *Loi sur les évaluations environnementales*. Les renseignements recueillis seront utilisés conformément à la *Loi sur l'accès à l'information et la protection de la vie privée*. Tous les commentaires, à l'exception des renseignements personnels, feront partie du dossier public.

Désirez-vous recevoir une réponse officielle à vos commentaires ? ☐ Oui ☒ Non

VEUILLEZ ÉCRIRE CLAIREMENT EN CARACTÈRES D'IMPRIMERIE

Nom : [redacted]

Adresse : [redacted]

Code postal : [redacted] Téléphone : [redacted]

Courriel : [redacted]

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE

407 Transitway

December 6, 2016
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

December 8, 2016
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **January 9, 2017** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, Ontario, L3R 9R9
Tel: 905-943-0505
Fax: 905-943-0400
E-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5272
E-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

Project seems like a viable means of establishing consistent and more simple means of multi-city transportation within the GTA. I would like to see these plans eventually come to fruition

Thank you for your participation.

Comments and information regarding this study are being collected to assist in meeting the requirements of the *Environmental Assessment Act*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☐ No ☑

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: [redacted]

E-mail: [redacted]

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE

407 Transitway

December 6, 2016
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

December 8, 2016
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **January 9, 2017** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, Ontario, L3R 9R9
Tel: 905-943-0505
Fax: 905-943-0400
E-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5272
E-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

THE PLAN LOOKS GOOD. BUILD IT AS SOON AS POSSIBLE. FROM MY PERSPECTIVE I WOULD LIKE TO SEE A STATION AT GOREWAY & BUILD AS SOON AS POSSIBLE TO CONNECT WITH THE SPADINA SUBWAY.

Thank you for your participation.

Comments and information regarding this study are being collected to assist in meeting the requirements of the *Environmental Assessment Act*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☐ No ☒

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: [redacted]

E-mail: [redacted]

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE

407 Transitway

December 6, 2016
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

December 8, 2016
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **January 9, 2017** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

Khaled El-Dalati, P.Eng.
Consultant Project Manager
Parsons
625 Cochrane Drive, Suite 500
Markham, Ontario, L3R 9R9
Tel: 905-943-0505
Fax: 905-943-0400
E-mail: k.eldalati@parsons.com

Sarah Merriam, M.Sc.
MTO Senior Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5272
E-mail: sarah.merriam@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

- I like the idea of an East-West transit plan such as this.
- I'm concerned about the car centric stations design and minimal focus on pedestrian and cyclist access
- Would it this idea be better applied along the 401?
- I think the 401 should have this before the 407.
- York Region will already have the 407 BRT and this seems like overkill when Toronto is bickering over a sheppard subway extension when we can easily take 2 or 3 lanes from the 401 for buses. in a area proven to use transit - All for a fraction of the price of a subway.

Thank you for your participation.

Comments and information regarding this study are being collected to assist in meeting the requirements of the *Environmental Assessment Act*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☐ No ☑

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: [redacted]

E-mail: [redacted]

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: Friday, December 9, 2016 1:14 PM
To: [redacted]
Cc: Liz Speller; Graham.DeRose@ontario.ca; sarah.merriam@ontario.ca; Garron, Gus
Subject:RE: Bramptonist Article on the 407 Transitway

[redacted]he article looks great.

Have a great weekend.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: [redacted]
Sent: Friday, December 09, 2016 12:41 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Liz Speller <lspeller@lgl.ca>; Graham.DeRose@ontario.ca; sarah.merriam@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>
Subject: Bramptonist Article on the 407 Transitway

Hi Everyone,

I just wanted to point out this [bit.ly] article in Bramptonist that was posted yesterday about the Transitway. Bramptonist is an online publication so this story may not have shown up in any media scan.

All the best and have a great weekend.

[redacted]

[redacted]

On Thu, Dec 8, 2016 at 11:41 AM, [redacted]wrote:
HI Holly,

Thanks so much for this information. I don't have any further questions at the moment about the project and the display boards are helpful. I can't make it to tonight's meeting unfortunately but will try hard to make it to the next one.

We'll be posting a link to the display boards on our group's FB page and likely in FB groups related to relevant wards in Brampton. If I have time, I may even do a Bramptonist [bramptonist.com] post on the

display boards and the project since it doesn't have the same profile as the LRT debate or the GO RER work.

All the best,

[redacted]

[redacted]

On Thu, Dec 8, 2016 at 11:35 AM, Kerslake, Holly <Holly.Kerslake@parsons.com> wrote:
Hi[redacted]

I am the Project Coordinate for Parsons on this assignment (Gus is the Technical Project Manager). Thank-you for the email below, it is great to hear from groups involved in Transit projects throughout the GTHA.

Just to let you know, we are having a Public Information Session (PIC) today from 4:00 p.m. to 8:00 p.m. in Woodbridge (details below). The PIC Boards are also posted online on the project's website (http://www.407transitway.com/hurontarioTo400/consultation.html[407transitway.com]).

WOODBRIDGE PUBLIC INFORMATION CENTRE
Date: December 8, 2016
Time: 4:00 p.m. to 8:00 p.m.
Location: Woodbridge Pool and Memorial Arena
5020 Highway 7
Woodbridge, Ontario L4L 1T1

Just to note, the Project Manager from the Ministry of Transportation on this assignment is Graham DeRose (cc'd). If you'd like any further information on this project, please let us know.

Thanks again for the email!

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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407 TRANSITWAY WEST PLANNING COMES TO BRAMPTON

By
Divyesh Mistry
-
December 8, 2016
0
1592

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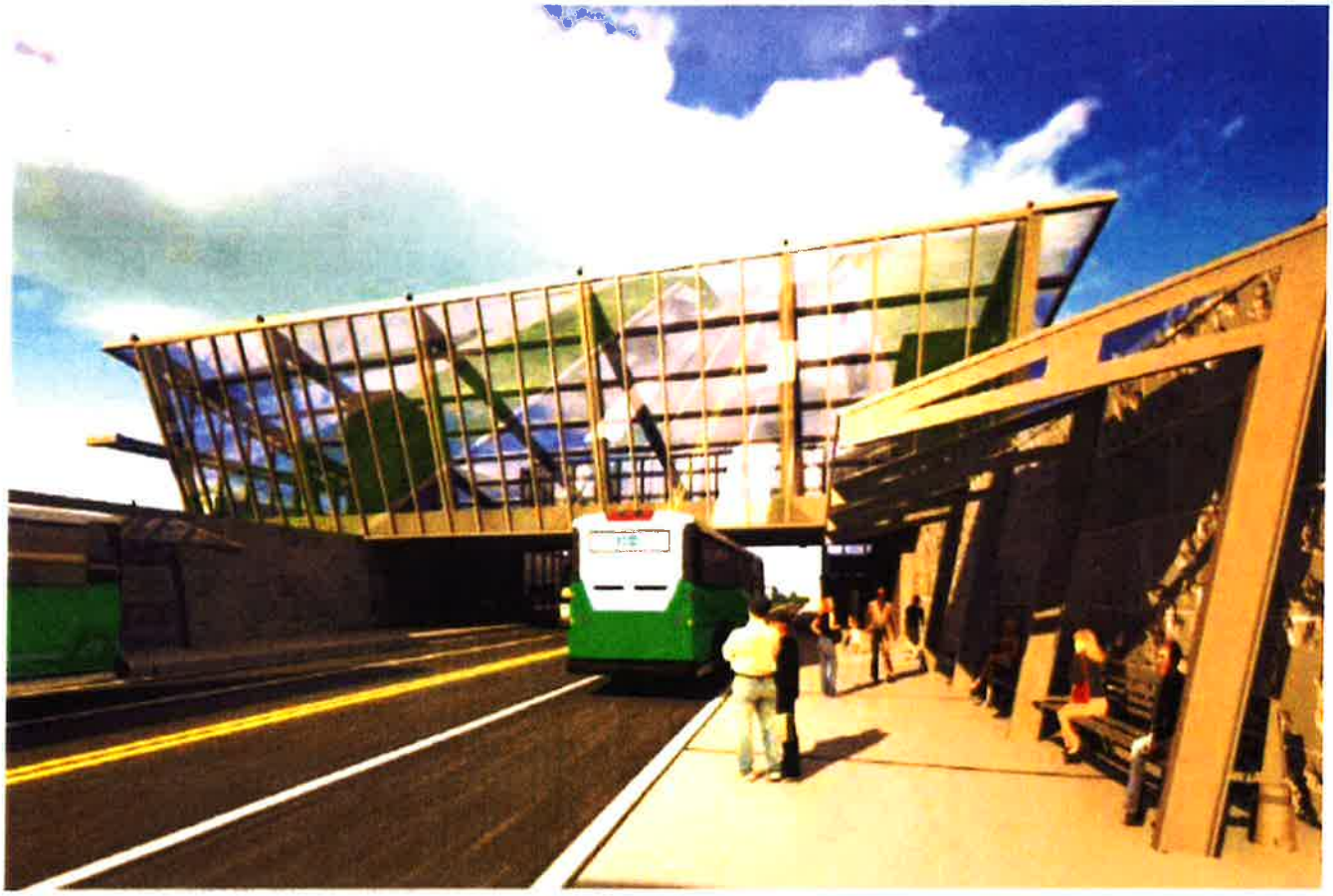


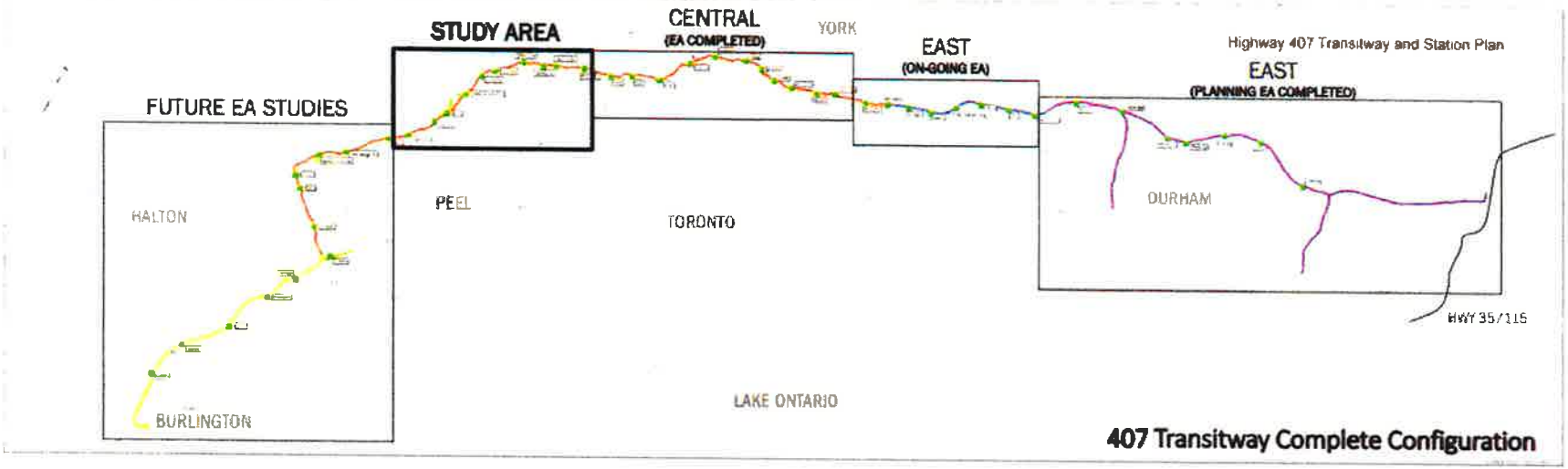
The Ministry of Transportation (MTO) has finally started studying the building of the 407 Transitway West, which will run through Brampton and York Region.

The 407 Transitway, if fully built, would stretch from Burlington to Clarington, running parallel to the 407 on the south side of the highway, with few exceptions. The full transitway is expected to be over 150 kilometres in length.

Public transit vehicles would be able to move passengers quickly from one end of the GTA to the other.

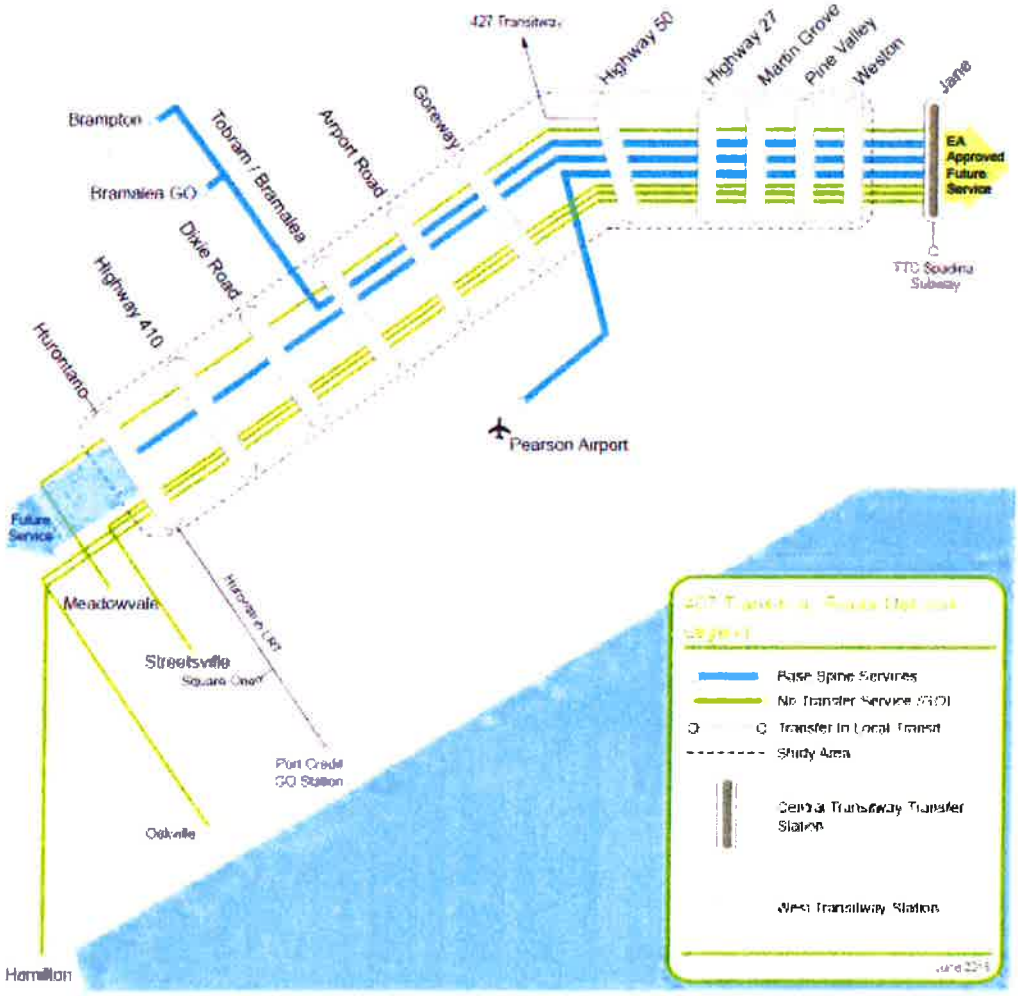
An additional benefit would be that GO Transit and other transit agencies would no longer have to pay 407 ETR fees. This would help lower operating costs on popular routes, like the 501A Zum Queen.

The section from Hurontario Street in Brampton to Highway 400 in York Region, is currently in the first phase of a planning study that will be complete in 2018.


Highway 407 Transitway and Station Plan
FUTURE EA STUDIES
STUDY AREA
CENTRAL
(EA COMPLETED)
YORK
EAST
(ON-GOING EA)
EAST
(PLANNING EA COMPLETED)
HALTON
PEEL
TORONTO
DURHAM
HWY 35/115
BURLINGTON
LAKE ONTARIO
407 Transitway Complete Configuration

Planning studies for the sections east of Highway 400 were completed in previous years.

Transit operations on the transitway would be similar to operations on the partially under construction, partially opened Mississauga Transitway. Some bus routes would service all stations, while others run express. Some services might run for a few stations before heading to destinations off the transitway.



Schematic Transit Service Diagram for 407 Transitway

For example, as shown in the diagram above, GO or Brampton Transit buses might run from Bramalea GO to the soon-to-open Highway 407 subway station.

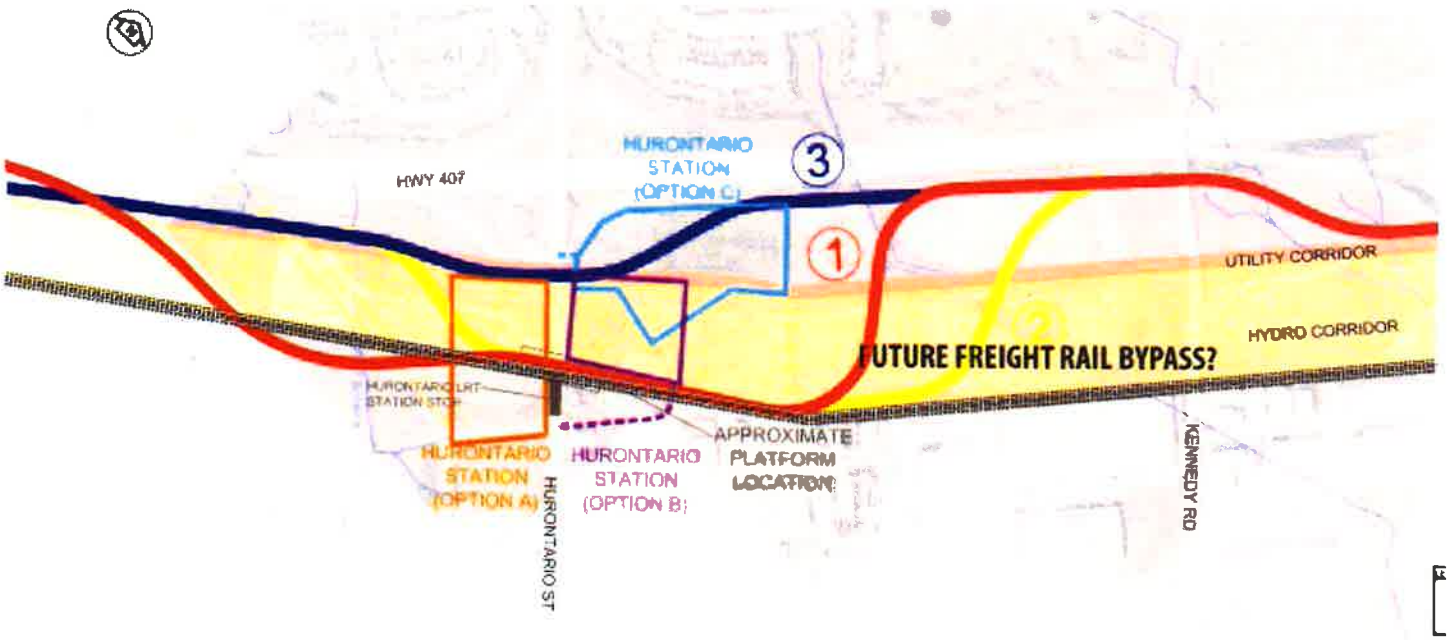
Only nine station options will proceed to the second stage. They are: Hurontario, Dixie, Bramalea, Airport, Goreway, Highway 427, Highway 27, Martin Grove, and Pine Valley.

While not shown in the presentation slides, *Bramptonist* was told by a project staff member that planning for the proposed "Missing Link" freight bypass is being considered.

The transitway would sit on the north side of the hydro corridor through Brampton, while the freight bypass is planned to be located on the south side.

The 407 Transitway is not planned to have any conflict with the freight bypass — currently in the works to get Brampton Two Way All Day GO service — except in the situation involving the Hurontario Station.

Two possible transitway alignments at Hurontario would swing down to the south side of the hydro corridor in order to align with the 407 stop on the Hurontario LRT. This would put the transitway in direct conflict with the freight bypass, and may result in complicated engineering, as shown below.


HWY 407
HURONTARIO STATION (OPTION C)
3
1
2
UTILITY CORRIDOR
HYDRO CORRIDOR
FUTURE FREIGHT RAIL BYPASS?
HURONTARIO LRT STATION STOP
HURONTARIO STATION (OPTION A)
HURONTARIO STATION (OPTION B)
APPROXIMATE PLATFORM LOCATION
HURONTARIO ST
KENNEDY RD

A third alignment is possible, hugging the north side of the hydro corridor. However, MTO and consultant staff working on the project are trying to avoid that situation. That alignment would create a long walking transfer between the LRT and the transitway.

Moving the location of the Hurontario LRT stop is unlikely to be considered, as that would require a new study in order to amend the LRT environmental assessment.

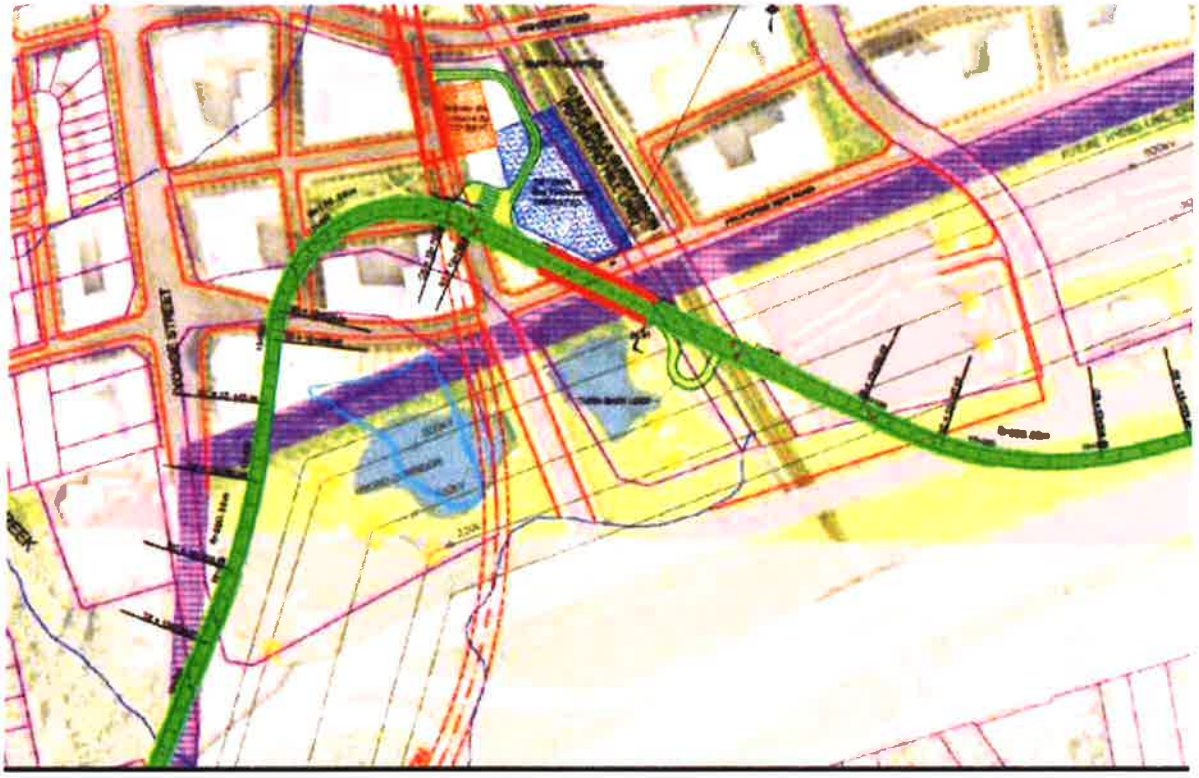
5
4
2
1
3
UTILITY CORRIDOR
HYDRO CORRIDOR
UTILITY CORRIDOR

Another potentially messy situation may involve the area around Bramalea GO. There are six potential alignments in and around the area. A new transitway-only station may be located just off Torbram, and a shuttle bus may run between the transitway and rail station, an option explained by project staff.

The transitway may just have access ramps onto Bramalea Road and buses may have to venture into mixed traffic to make the connection to the GO station.

Several options include veering the transitway north of the 407, and directly connecting with the GO train station. That option might be expensive.

However, there are three instances in the 407 Transitway Central EA where a similar option was chosen (at a future Concord GO station on the Barrie GO Line, at Yonge Street/Langstaff GO, and at Unionville GO) because the connection was deemed to be crucial.



The 407 Transitway is expect to veer north of the 407 to directly connect with the Richmond Hill Centre subway station and GO station.

The transitway is a long term project. It may not be needed until the 407 becomes too busy for existing transit services, like the 407 GO bus lines, or Brampton Transit Zum 501A. The future projected ridership by 2051, for example, is expected to be 7,500 people per hour per direction (PPHPD) during morning rush hour.

LRT only becomes effective at 10,000 (PPHPD). Subway ridership usually starts at 30,000(PPHPD). The transitway planning will protect and design in mind for future conversion to higher modes of rapid transit.

MTO and consultant staff are still looking for public feedback. Submit your comments at this link. You can also send comments, concerns, or questions to project staff at the emails below. Public comment deadline for this phase is January 7, 2017.

Graham DeRose, MTO Project Manager
Ministry of Transportation, Central Region
4th Floor, 159 Sir William Hearst Avenue Toronto, Ontario, M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
Email: graham.derose@ontario.ca

Sarah Merriam, M.Sc., MTO Environmental Planner
Ministry of Transportation, Central Region 3rd Floor
159 Sir William Hearst Avenue Toronto, Ontario, M3M 0B7
Tel: 416-235-5272
Fax: 416-235-4940
Email: sarah.merriam@ontario.ca

Khaled El-Dalati, P.Eng., Consultant Project Manager
Parsons Corporation
625 Cochrane Drive, Suite 500 Markham, Ontario, L3R 9R9
Tel: 905-943-0505
Fax: 905-943-0400
Email: khaled.eldalati@parsons.com

Grant N. Kauffman, M.E.S., Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280 King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: gkauffman@lgl.com

From: Liz Speller
Sent: Tuesday, February 21, 2017 8:28 AM
To: [redacted]
Cc: DeRose, Graham (MTO); 'Merriam, Sarah (MTO)'; Garron, Gus; 'Kerslake, Holly'; Liz Speller
Subject:407 Transitway from West of Hurontario Street to East of Highway 400

Good morning [redacted]

Thank you for your email and for your comments on and support for the 407 Transitway from west of Hurontario Street to east of Highway 400. Please see below, for your information, a link to the project website and the panels/information presented at the first Public Information Centre that was held for this project on December 6 and 8, 2016 in Brampton and Woodbridge.

http://www.407transitway.com/hurontarioTo400/consultation.html

We will add you to the project mailing list and you will be kept informed as the project progresses.

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: [redacted]
Sent: Thursday, December 8, 2016 11:31 PM
To: k.eldalati@parsons.com; sarah.merriam@ontario.ca; graham.derose@ontario.ca; gkauffman@lgl.com
Subject: Must install BRT on Hwy 407!

Dear all respected representatives,

I have read this great article written by Kan on inbrampton.com. I would like to start by saying that I am very glad that your email, amongst others, has been available to us, the public, for us to contact because we believe that you will advocate for us and will make a difference.

I am a public transit user, who uses the Züm bus, Brampton Transit and Go bus on a daily basis. I believe that installing the BRT (or even LRT) route along Highway 407 would be very beneficial for all. It will make commuters happy by reducing travel time, and it will also make all citizens happy as it will reduce traffic on the roads. On top of that, I think that it will be a great solution to improving the transit system, locally in Brampton and across the province, by allowing space and access into eventually creating a path for future LRTs. These are the reasons why I think you should advocate for the numerous benefits of installing the BRT (or even LRT) route along Highway 407.

Thank you very much for your time. We hope to hear about the good news soon.

Kind regards,

[redacted]
Public Transit User

Would You Like to See Public Transit on the 407 in Brampton?

by Alan Kan on December 8, 2016
in

- News

Those of you who have taken Highway 407 know that there are usually less vehicles using it than the 401, mainly because it's a tolled highway. As a result, it's a much smoother ride than the usual trip along the 401, 400, DVP or Gardiner. You can feel the openness of the 407 on a clear day as you glide smoothly through the corridor, the sound of the humming concrete beneath the wheels of your vehicle.

Well, now there may be other options for using the 407 coming in the near future.
Ontario's Ministry of Transportation is looking to conduct a study to see how viable it would be to construct a transitway along the Highway 407 corridor, stretching from Burlington all the way across York Region into Durham Region ending at Brock Road. SInce the 407 is a lengthy piece of infrastructure, the project has been divided into segments which you can read about **here**. The portion of the 407 pertaining to Brampton would be the portion from Hurontario Street to Highway 400.

The 407 Transitway (as this project is called) includes a fully graded separated transit facility on an exclusive right-of-way, running along Highway 407. It will consist of 23 km of running-way and several stations that will include parking facilities, transit integration and other amenities. Subject to the outcome of the study, the 407 Transitway will be implemented initially as Bus Rapid Transit, with the opportunity to convert it to Light Rail Transit in the future.

Public information sessions will be held this week in Brampton and Woodbridge. The one in Brampton took place on December 6 at the Greenbriar Recreation Centre. There will be another one on December 8 at the Woodbridge Pool and Memorial Arena. Both sessions will run from 4pm to 8pm.

While these sound like some lofty ambitions for Highway 407, there are two points that should be considered:

How To Convince A Private Consortium to Buy Into This?

If the provincial government didn't sell off the 407 back in the 1990s to the private sector, which brought in road tolls on the route, perhaps the government would have more leverage in terms of deciding the timelines for this project's completion, or even getting this approved at all. The 407 is currently not even part of the provincial highway network, thanks to a 99 year lease, and is currently owned by a private consortium of Canadian and Spanish investors operating under the name 407 International Inc.

The tolls charged by usage of the 407 do not go back into any public assets; it's operated on a for profit motive, so getting the owners of the 407 to acquiesce to this kind of examination of the 407's long term usage would be extremely difficult if they don't see any benefit to the bottom line for them.

Not Much Opportunity for Transit Oriented Development (TOD)

The conventional wisdom is that LRT spurs development along its corridor. Look at the Hurontario LRT; the amount of proposed new condos and high rises being proposed are very close or right on Hurontario in anticipation of the incoming LRT. But if the idea is to have the 407 eventually be serviced by an LRT, there isn't much opportunity to put in transit oriented development (TOD), such as mixed-use buildings.

This route stretches from Burlington to Oshawa, connecting the 407 to all the local transit routes and other BRT/LRT routes that the province is planning. The heavy emphasis seems to be on just moving people, and won't be much room for spurring development other than giant parking lots. Would an LRT make much sense if that was the case? Perhaps leaving it as a BRT would be sufficient enough for expanding transportation needs.

So should they install a BRT (or even LRT) route along Highway 407? 407 Transitway has four individuals which you can get in contact with for any questions on the project. Two are from the Ministry, and two are from independent consulting firms.

Graham DeRose, MTO Project Manager, Planning and Design
Tel: 416-235-5255, **graham.derose@ontario.ca**
Sarah Merriam, MTO Senior Environmental Planner, Environmental Section
Tel: 416-235-5272, **sarah.merriam@ontario.ca**
Khaled El-Dalati, Consultant Project Manager from Parsons Corporation
Tel: 905-943-0505, **k.eldalati@parsons.com**
Grant N. Kauffman, Consultant Environmental Planner, LGL Limited
Tel: 905-833-1244, **gkauffman@lgl.com**

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- **What's Happening with the Massive 410 Re-Design?**

Liz Speller

From: Liz Speller
Sent: Thursday, September 21, 2017 12:05 PM
To: Liz Speller
Subject: FW: 407 Transitway - Kennedy to Brock - Website Comment/Request

-----Original Message-----
From: [redacted]
Sent: Monday, July 31, 2017 4:33 PM
To: Liz Speller <lspeller@lgl.ca>
Subject: Re: 407 Transitway - Kennedy to Brock - Website Comment/Request

Hi, Liz:

Hope you had a great vacation. And thank you for this news. As a matter of fact I received an offer for my property last week and I disclosed that there may be a partial taking of my land. So this settles the matter and I am content.

And thank you for your punctual response.

Regards

[redacted]

-----Original Message-----
From: Liz Speller
Sent: Monday, July 31, 2017 3:59 PM
To: [redacted]
Cc: Garron, Gus ; Kerslake, Holly ; DeRose, Graham (MTO) ; Sarris, Larry (MTO) ; Liz Speller
Subject: RE: 407 Transitway - Kennedy to Brock - Website Comment/Request

Good afternoo[redacted]

Sorry for my delayed response - I was on vacation last week.

The study team is in the process of selecting the preferred Transitway alignment/station locations for the 407 Transitway (Hurontario Street to Highway 400). The alignment has been refined in order to avoid any impacts to your two properties [redacted]
As a result, there will be no impacts to these two properties. Please let me know if you have any further comments/concerns.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6

Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: [redacted]
Sent: Tuesday, July 25, 2017 7:22 AM
To: Liz Speller <lspeller@lgl.ca>
Subject: Re: 407 Transitway - Kennedy to Brock - Website Comment/Request

Hi:

Is there any further information as to whether land is required from me for the future transitway? As you know I am in a prime area for development and a number of potential buyers have approached me for acquisition and I don't know how much of my land is available for sale.

Thank you

[redacted]

-----Original Message-----
From: Liz Speller
Sent: Tuesday, January 24, 2017 2:59 PM
To: [redacted]
Subject: RE: 407 Transitway - Kennedy to Brock - Website Comment/Request

Thank you!

Liz

-----Original Message-----
From: [redacted]
Sent: Tuesday, January 24, 2017 1:42 PM
To: Liz Speller <lspeller@lgl.ca>
Subject: Re: 407 Transitway - Kennedy to Brock - Website Comment/Request

Hello:

Two parcels involved:

Regards

[redacted]

----- Original Message -----
From: "Liz Speller" <lspeller@lgl.ca>
To: "[redacted]
Cc: "DeRose, Graham (MTO)" <Graham.DeRose@ontario.ca>; "Merriam, Sarah (MTO)" <Sarah.Merriam@ontario.ca>; "Garron, Gus" <Gus.Garron@parsons.com>; "Kerslake, Holly" <Holly.Kerslake@parsons.com>; "Liz Speller" <lspeller@lgl.ca>
Sent: Tuesday, January 24, 2017 1:21 PM
Subject: RE: 407 Transitway - Kennedy to Brock - Website Comment/Request

Good afternoon [redacted]

Thank you for providing the information below on your property. If you could send me the pin numbers for the land titles it would be greatly appreciated.

Regards,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: [redacted]
Sent: Tuesday, January 24, 2017 10:43 AM
To: Liz Speller <lspeller@lgl.ca>
Subject: Re: 407 Transitway - Kennedy to Brock - Website Comment/Request

My survey is [redacted]he property has been put into land titles so if you wish those pin numbers, please advise. I note that you purchased a parcel from [redacted]
C[redacted]That property is the vacant site [redacted]on Steeles Avenue.

[redacted]

-----Original Message-----
From: Liz Speller
Sent: Tuesday, January 24, 2017 6:40 AM
To: [redacted]
Cc: DeRose, Graham (MTO) ; Merriam, Sarah (MTO) ; Garron, Gus ; Kerslake, Holly ; Liz Speller
Subject: FW: 407 Transitway - Kennedy to Brock - Website Comment/Request

Good morning [redacted]

Thank you for your website comment regarding the 407 Transitway from Hurontario Street to Highway 400 and for the information about your property [redacted]. I apologize for the delay in responding to you - your comment was received through the 407 Transitway Kennedy to Brock website so I was delayed in receiving it.

The study design team will review the proposed Transitway alignment in the vicinity of your property and will respond to you shortly. If you could send along a plan of your property showing the boundaries that would be helpful.

Sincerely,

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: [redacted]
Sent: Friday, December 9, 2016 5:43 AM
To: Sowel Kang <skang@lgl.ca>
Subject: 407 Transitway - Kennedy to Brock - Website Comment/Request

From: [redacted]
E-mail: [redacted]

Question/Request: I own 18.5 acres [redacted] have a secondary plan to allow industrial and commercial development as well as dedicated servicing from Etobicoke. I attended the public information centre December
8 and was shocked to discover a plan for the transitway to occupy about one third of my land. This will surely affect my intent to either develop or sell the property. Land in this area is very expensive. This would be the eighth public taking of my property!

Liz Speller

From: [redacted]
Sent: Friday, March 10, 2017 9:13 AM
To: Asia.Polus@ontario.ca
Cc: Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller; Merriam, Sarah (MTO); Firmani, Adrian (MTO); Polus, Asia (MTO); DeRose, Graham (MTO)
Subject: 407 Transitway Hurontario to Highway 400 Public Information Centre #1

Good morning Asia:
Further to my correspondence with Graham DeRose re the 407 Transitway , we would appreciate if a short meeting could be scheduled at your office to discuss the proposed [redacted] expansion and discuss the required setback of 14 metres.
Our initial design includes the construction of a transportation ring road adjacent to our south property boundary, adjacent to the 407 Transitway.
Our discussions would include the potential reduction of the 14 m setback for the construction of only the ring road with no buildings or structures located within the 14 m setback.
We would appreciate if you would forward a couple of dates and times that you may be available.
Our Consulting Engineers, [redacted] re presently working on the preliminary design of the proposed expansion and we would appreciate if you respond back with the dates ASAP.

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Thursday, March 9, 2017 12:48 PM
To: [redacted]
Cc: Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Merriam, Sarah (MTO) <Sarah.Merriam@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Polus, Asia (MTO) <Asia.Polus@ontario.ca>
Subject: RE: 407 Transitway Hurontario to Highway 400 Public Information Centre #1

Hello [redacted]

My office (and our hired Consultants) deals only with delivering the 407 Transitway EA assignments. For specific MTO permit and corridor issues (including site plan submissions and setback requirements), please contact MTO's Corridor Management office. The Corridor Management Planner for Peel Region is copied on this email and contact information below:

W. Asia Polus
Corridor Management Planner

Ministry of Transportation
Central Region, Highway Corridor Management Section
159 Sir William Hearst Ave. 7th Floor
Toronto, ON M3M 0B7
Tel. 416 - 235-3991
Fax 416 - 235-4267

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region

Tel: 416.235.5255

From: [redacted]
Sent: March 9, 2017 11:37 AM
To: DeRose, Graham (MTO)
Cc: Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller; Merriam, Sarah (MTO); Firmani, Adrian (MTO)
Subject: RE: 407 Transitway Hurontario to Highway 400 Public Information Centre #1

Good morning Graham:
Thank you for your detailed response.
With reference to the 14 m setback, is there any opportunity to discuss with you the potential of contructing our ring road closer to the south proprty line.
There would be no structures or buildings located in the 14 m setback.
Look forward to your response.

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Thursday, March 9, 2017 11:27 AM
To: [redacted]
Cc: Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; r.minnesconsulting@gmail.com; Liz Speller <lspeller@lgl.ca>; Merriam, Sarah (MTO) <Sarah.Merriam@ontario.ca>; Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>
Subject: RE: 407 Transitway Hurontario to Highway 400 Public Information Centre #1

Good Morning [redacted]

Thank you for your interest in the on-going Environmental Assessment for the 407 Transitway from west of Hurontario Street to east of Highway 400. We have added your contact information to our circulation list.

As part of the EA public consultation, we notified all property owners within the study area (via Canada Post bulk mailings) of the first round of PICs. The project team held PICs on December 6, 2016 in Brampton and December 8, 2016 in Vaughan to show 407 Transitway alignment and station alternatives. All of the information that was shared on these evenings can be found on our project website:

PIC #1 Boards:
http://www.407transitway.com/hurontarioTo400/downloads/407TransitwayHurontariotoHwy400_PIC1_FINAL.pdf

Once a preferred alignment and station designs are complete, MTO will be holding another round of PICs. We are aiming to have these in the Fall of 2017. Information will be mailed out to property owners as well as placed on the project website.

Looking at the location of your property [redacted] it falls within MTO's permit control area. Any future plans of expansion will require MTO permits before proceeding to construction. Typical MTO setbacks of 14m will apply, taken from the Highway 407 property limits as well as the future 407 Transitway alignment property/grading limits, after our preferred alignment is chosen and the EA is approved. Information regarding MTO's permits and setbacks can be found via MTO's Highway Corridor Management website:

http://www.mto.gov.on.ca/english/engineering/management/corridor/

The 407 Transitway project team is still within the alternative evaluation stage for the area around Bramalea Road, with several alignment options being assessed. For convenience, the project team would appreciate obtaining any preliminary drawings for your expansion plans, so any impacts can be included in the alternatives evaluation criteria. After such, if our preferred alignment option has an impact on your expansion plans, we can arrange a meeting.

I hope this information helps, please let me know if you have any additional questions.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: March 8, 2017 4:53 PM
To: DeRose, Graham (MTO)
Subject: 407 Transitway Hurontario to Highway 400 Public Information Centre #1

Good afternoon Graham:
We are the [redacted]
Our south property line abuts the subject 407 Transitway.
We were just informed about the 407 Transitway Public Information meeting held on December 6, 2016.
Unfortunately, if we did receive notice, it was inadvertently misplaced and we did not have an opportunity to attend or submit comments.
We would appreciate if you would add our Company to the mailing list to my attention.
[redacted]is in the preliminary engineering design of a major expansion and I would appreciate if we could meet either with your group or your Consultants to discuss your plans for the Bramalea Station and the required setbacks.
[redacted]has no direct access to Bramalea Rd and have easements across the Transitway.
Please forward a couple of dates and times for the proposed meeting.

[redacted]

PARSONS

625 Cochrane Drive, Suite 500, Markham, Ontario, L3R 9R9
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407 TRANSITWAY FROM WEST OF HURONTARIO ROAD TO EAST OF HWY 400
G.W.P. 14-20001, CA 2014-E-0013

MINUTES OF DISCUSSION OF [redacted]

HELD ON: **Date:** Friday, April 7th, 2017
Time: 10:30 a.m. – 11:30 a.m.

HELD AT: MTO Offices – MTO-R-159 Sir William Hearst-7th Floor Boardroom 7

ATTENDEES: Graham DeRose (GDR), MTO Project Manager
Larry Sarris (LS), MTO Environmental Planner
Adrian Firmani (AF), MTO Transportation Planner
Ellen Bennett (EB), MTO Corridor Management Office
Phil Iannacito (PI), MTO Corridor Management Office
from Ministry of Transportation, Ontario

[redacted]
from Emerald Energy

[redacted]
from Candevcon

Gus Garron (GG), Parsons Deputy Project Manager and Technical Manager (Phone)
Holly Kerslake (HK), Project Coordinator (Phone)
Robb Minnes (RM), Project Planning Advisor (Phone)
from Parsons

Allan Ortlieb (AO), Project Engineer
from IBI Group

PURPOSE: **Discussion of** [redacted]

Discussion	Action
1. [redacted] gave a history of the site operations including the Peel Region energy from waste operation since 1992, which now includes processing commercial and residential waste. [redacted] outlined the expansion plans that have been under consideration since 2014 when [redacted] purchased the business. Approvals have not yet been received for the expansion. MTO asked for a copy of the [redacted] plan.	[redacted]
2. Parsons provided an overview of the status of the 407 Transitway EA study covering this section, explaining the challenges of designing the Transitway alignment to avoid running along/within the Parkway Belt Utility Corridor while minimizing impacts on the [redacted] It was noted that the alignment identified in the Transitway Corridor Protection Study (CPS) conflicts with the existing utility corridor adjacent to the site. As part of the current study, shifting this alignment to the north is being considered to avoid overlapping the	

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Discussion	Action
utility corridor (the proposed alignment would abut the north limit of the utility corridor). [redacted] current expansion plans will be in conflict with this alignment. 3. [redacted] indicated that the recently constructed 1067mm (42") Enbridge Gas pipeline was located north of the utility corridor at the request of the Ministry of Municipal Affairs and Housing. It crosses to the south side of the utility corridor [redacted] where it then runs parallel to the 914mm (36") Enbridge Gas pipeline just inside the south limit of the utility corridor. The presence of this pipeline complicates locating the Transitway alignment and impacts on th[redacted] At this time, it is unclear why the 1067mm Enbridge pipeline was located north of the utility corridor since the policy of the Parkway Belt Plan is to locate major long distance utility facilities within the corridor. The Parsons Team will further investigate the vertical and horizontal location of the pipe through this area, as well as follow-up with the Ministry of Municipal Affairs and Housing to confirm other constraints and/or opportunities for encroachment into the utility corridor. 4. MTO suggested that [redacted] may need to modify and reduce its expansion plans to accommodate the Transitway. [redacted] indicated that reducing the plans may not be possible but will consider reconfiguring the components of the expansion plant to accommodate the 407 Transitway. There was discussion about the possibility o[redacted] expansion plans being shifted to the north-west, possibly involving City of Brampton property. The constraint with this option is the status of this area as floodplain and not developable. This needs to be further investigated with the City and the conservation authority. [redacted] will develop a plan which protects for the Transitway alignment as shown and expands to the west in order to better understand the potential impacts to the floodplain to the west and land requirements from the City of Brampton. 5. There was discussion regarding the Transitway width requirements and the 14 m MTO land use setback requirement. Parsons will refine the Transitway alignment based on the Enbridge pipeline location and updated Transitway geometric design requirements, as well as the ultimate right of way requirements including grading. This will be provided to [redacted] who will review their expansion plans in an attempt to avoid the Transitway requirements. MTO indicated that a possible reduction in the 14m setback will be considered upon request. 6. [redacted] indicated that the current access from Bramalea Road is used by all traffic entering/exiting the site. Any modifications to accommodate a grade separated crossing of the Transitway should ensure that 53' tractor-trailer turning movements can be accommodated. Parsons informed that the preferred alignment alternative will be completed by the end of May 2017. Further discussions will proceed after this time.	

If there are any errors or omissions, please advise Holly Kerslake (Holly.Kerslake@parsons.com) within 7 days of issuance of these minutes.

Minutes prepared by: PARSONS

Liz Speller

From:	Liz Speller
Sent:	June-12-18 12:27 PM
To:	Liz Speller
Subject:	FW: 407 Transitway Alignment - West of Bramalea Road
Attachments:	407 TWY - Bramalea Area.pdf
Importance:	High

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Thursday, October 05, 2017 9:46 AM
To: [redacted]
Cc: [redacted] Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Bennett, Ellen (MTO) <Ellen.Bennett@ontario.ca>; Robb Minnes <r.minnesconsulting@gmail.com>; Garron, Gus <Gus.Garron@parsons.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>
Subject: 407 Transitway Alignment - West of Bramalea Road
Importance: High

Good Morning[redacted]

MTO has finally received an official response from MMA.

I am happy to communicate that MTO will be moving forward with our preferred alignment options of elevating the 407 Transitway alignment on top of the existing Utility Corridor (see attached). This will help reduce the impacts to the[redacted]roperty and the proposed future expansion. The 407 Transitway project team will now be proceeding with the necessary design work for our preferred alignment option.

Please remember that all site construction (above and below ground) will be subject to MTO review/approval and the necessary permits will be required.

Please let me know if you have any further questions regarding the 407 Transitway project.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: October 3, 2017 6:00 PM
To: DeRose, Graham (MTO)
Cc: [redacted] Firmani, Adrian (MTO); Bennett, Ellen (MTO)
Subject: RE: [redacted]407 Transitway Site Visit

Graham
Thanks for the update

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Tuesday, October 3, 2017 9:04 AM
To: [redacted]
Cc: [redacted] Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Bennett, Ellen (MTO) <Ellen.Bennett@ontario.ca>
Subject: RE: [redacted] 407 Transitway Site Visit

Hello [redacted]

Thank you for your follow-up email. Unfortunately, the 407 Transitway project team is still waiting for MMA's official response on our preferred alignment option. We have called/emailed their staff numerous times and have been assured that a response from them is imminent. Even last week we were promised something on Thursday or Friday morning, but still nothing. The project team has become very frustrated, but our hands are tied waiting for MMA's decision.

As soon as I have MMA's response in writing, [redacted] will be notified immediately.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: October 2, 2017 8:49 AM
To: DeRose, Graham (MTO)
Cc: [redacted] Firmani, Adrian (MTO); Bennett, Ellen (MTO)
Subject: RE: [redacted] 407 Transitway Site Visit

Good morning Graham
Just a followup on the official response from MMA

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Thursday, September 7, 2017 1:26 PM
To: [redacted]
Cc: [redacted] Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Bennett, Ellen (MTO) <Ellen.Bennett@ontario.ca>
Subject: RE: [redacted] - 407 Transitway Site Visit

Good Afternoon [redacted]

Thank you for the email. MTO's consultants (Parsons) touched base with MMA staff again today. MMA apologized for the delay and have ensured the 407 Transitway project team that an official response from MMA should be delivered early next week to finally resolve this issue. As soon as I have word from MMA, I will contact you.

We appreciate your patience with this issue as it effects your proposed expansion plans and the future 407 Transitway alignment. Hopefully I will have some good news for both of us early next week.

If you have any additional questions, please let me know.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: September 7, 2017 11:06 AM
To: DeRose, Graham (MTO)
Cc: [redacted] Firmani, Adrian (MTO); Bennett, Ellen (MTO)
Subject: RE: [redacted] 407 Transitway Site Visit

Good morning Graham;

We are just following up if you have received any response from MMA/MHO re the 407 Transitway alignment. Our expansion plans are on hold until confirmation is received from MTO if the alignment will require additional [redacted] lands.

[redacted]

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Tuesday, August 8, 2017 10:31 AM
To: [redacted]
Cc: [redacted] Firmani, Adrian (MTO) <Adrian.Firmani@ontario.ca>; Bennett, Ellen (MTO) <Ellen.Bennett@ontario.ca>
Subject: RE: [redacted] 407 Transitway Site Visit

Hello [redacted]

Thank you for your email. The 407 Transitway project team is still finalizing the preferred alignment for the on-going EA study from west of Hurontario Street to east of Highway 400.

We have determined two alignment options currently under review in the [redacted] area. MTO is still awaiting approval from Ministry of Municipal Affairs/Ministry of Housing for their acceptance to place the 407 Transitway within the existing Utility Corridor, south of the [redacted] property.

If MMA/MHO accepts our design to place the Transitway alignment within the Utility Corridor, between the existing [redacted] pipes, there will be minimal impacts to [redacted] property and possible expansion plans.

The project team recently meet with MMA/MHO staff and have been assured an answer will be provided soon. We sent a follow-up email to MMA/MHO staff this morning seeking an answer. When MTO has information available regarding the preferred 407 Transitway alignment, we will gladly share with [redacted] regarding the [redacted] area.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: August 8, 2017 9:09 AM
To: DeRose, Graham (MTO); Bennett, Ellen (MTO)
Cc: [redacted]
Subject: RE: [redacted] 407 Transitway Site Visit

Good morning Graham:
We would appreciate an update with respect to the 407 Transitway alignment at the south end of our facility.
Robb Minnes completed his site inspection several weeks ago and my understanding was that he would be forwarding his recommendation on the final alignment to your office.
As we discussed, our [redacted] expansion is on hold until the final alignment is confirmed.
We look forward to your response.

[redacted]

From: DeRose, Graham (MTO) [mailto:Graham.DeRose@ontario.ca]
Sent: Friday, May 26, 2017 1:28 PM
To: [redacted] Bennett, Ellen (MTO) <Ellen.Bennett@ontario.ca>
Cc: [redacted]
Subject: RE: [redacted] 407 Transitway Site Visit

Thanks for the speedy emails and reply.

[redacted]

I will let Parsons know and have them provide a couple of days that work best for them. Hopefully one of them will work for [redacted]

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: May 26, 2017 1:27 PM
To: Bennett, Ellen (MTO)
Cc: DeRose, Graham (MTO); [redacted]
Subject: Re: [redacted] 407 Transitway Site Visit

Hi Ellen
Anytime for the site visit
Just let me know a few days in advance.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Bennett, Ellen (MTO)
Sent: Friday, May 26, 2017 13:24
To: [redacted]
Cc: DeRose, Graham (MTO); [redacted]
Subject: [redacted] 407 Transitway Site Visit

Good afternoo[redacted]

I hope you are doing well.

I have received notification from the folks working on the 407 Transitway alignment that they are looking to conduct a site visit at the [redacted] he purpose of this visit would be to help them confirm the location of features on your site and assess some of their alternative alignment options, in order for them to expedite the evaluation process and hopefully to better incorporate your proposed plans.

If you are amenable to a site visit from the 407 Transitway consultants, please let me know and we can set up a date and time. Please note that I will be away on vacation next week; if you are looking to set the visit up during that time, please contact Phil (416-235-4592).

Please do not hesitate to contact either of us if you have any further questions.

Regards,

Ellen Bennett

Engineering Development Program
Ministry of Transportation Ontario | Central Region | Corridor Management Office
159 Sir William Hearst Ave | 7th Floor
Phone *416-235-5380*| **Email** *ellen.bennett@ontario.ca*

Liz Speller

From: Liz Speller
Sent: November-30-17 10:31 AM
To: [redacted]
Cc: 'DeRose, Graham (MTO)'; 'Sarris, Larry (MTO)'; 'Garron, Gus'; 'Leung, Winnie'; 'Robb Minnes'; 'Kerslake, Holly'
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 - Website Comment/Request

Thanks for your email [redacted] If you have any further questions/comments about the 407 Transitway study, please let me know.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

-----Original Message-----
From: [redacted]
Sent: November-26-17 8:40 AM
To: Liz Speller <lspeller@lgl.ca>
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'Garron, Gus' <Gus.Garron@parsons.com>; 'Leung, Winnie' <Winnie.Leung@parsons.com>; 'Robb Minnes' <r.minnesconsulting@gmail.com>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway - Hurontario Street to Highway 400 - Website Comment/Request

Good morning Liz,

Your welcome. After I read your reply I realize and was thinking you don't need to build a new station. It would make sense to renovate the existing
407 GO Bus Park and Ride facility. The existing 407 GO Bus Park and Ride as you know has parking, pick up and drop off and transit transfer operations.
Both Mississauga Transit and Brampton Transit use the existing 407 GO Bus Park and Ride facility for connections to the GO Bus. Just implement a stop for the Hurontario LRT. Oh wait..... their's two problems. One the existing
407 GO Bus Park and Ride facility might be too far a walk for a 407 Transitway stop depending where the 407 Transitway will be located. Close to the highway? A good distance from the highway? And on which side of the highway the 407 Transitway will be located? And two the Hurontario LRT. A Hurontario LRT stop has to be close or close enough to the 407 Transitway stop which will be a transit hub for Mississauga Transit, Brampton Transit, GO Bus and for the Hurontario LRT. I think I answered my own question hahaha! Sorry Liz.

Thank you and take care,

[redacted]

-----Original Message-----
From: Liz Speller [mailto:lspeller@lgl.ca]
Sent: November 17, 2017 8:37 AM
To: [redacted]
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Leung, Winnie; Robb Minnes; Kerslake, Holly; Liz Speller
Subject: FW: 407 Transitway - Hurontario Street to Highway 400 - Website Comment/Request

Good morning [redacted]

Thank you for your interest in the 407 Transitway project (Hurontario Street to Highway 400). A new station facility will be designed at Hurontario Street and 407 ETR to service the 407 Transitway and will include transit transfer operations, parking and pick up and drop off. When implemented (currently not scheduled), this station will replace the existing 407 GO Bus Park and Ride facility.

Please feel free to contact me if you have any further questions/concerns about this project.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

-----Original Message-----
From: [redacted]
Sent: Saturday, November 11, 2017 11:30 AM
To: Sowel Kang <skang@lgl.ca>
Subject: 407 Transitway - Brant to Winston Churchill - Website Comment/Request

From: [redacted]
E-mail: [redacted]

Question/Request: Hi,

Was the Hurontario Street & Highway 407 GO Bus Park and Ride in Mississauga built to accommodate for a future stop for the 407 Transitway? Or would renovations have to be made to accommodate a future stop for the 407 Transitway at the Hurontario Street & Highway
407 GO Bus Park and Ride?

Thanks and take care,

[redacted]

Liz Speller

From: Liz Speller
Sent: December-22-17 9:08 AM
To: [redacted]
Cc: 'DeRose, Graham (MTO)'; 'Sarris, Larry (MTO)'; 'Garron, Gus'; 'Leung, Winnie'; 'Robb Minnes'; 'Kerslake, Holly'
Subject: RE: 407 Transitway

Good morning [redacted]

Below are the responses to your questions and comments regarding the 407 Transitway project (from west of Hurontario Street to east of Highway 400):

Washrooms

The 407 Transitway stations are planned to include washroom facilities.

Implementation

Being located parallel to the 407 ETR provides a unique opportunity to implement the 407 Transitway in stages. The first stage is running GO buses in mixed traffic on 407 ETR supported by stations at strategic locations. The 407 Express Bus Service began operation on each of the sections of 407 ETR as they opened. This will be followed by construction of key segments of the Transitway runningway, while continuing operation on 407 ETR for the remaining sections. Timing of implementation staging will be determined by growing transit demand in the corridor, traffic congestion and funding priorities.

Technology

The projected transit demand in the corridor is high, requiring a grade separated bus rapid transit facility, but does not justify an investment in light rail technology. However, the design of the Transitway will allow conversation to LRT in the future if warranted by demand.

Thank you for your continuing interest in this important project.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: [redacted]
Sent: December-03-17 12:16 PM

To: Liz Speller <lspeller@lgl.ca>
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; 'Sarris, Larry (MTO)' <Larry.Sarris@ontario.ca>; 'Garron, Gus' <Gus.Garron@parsons.com>; 'Leung, Winnie' <Winnie.Leung@parsons.com>; 'Robb Minnes' <r.minnesconsulting@gmail.com>; 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Subject: 407 Transitway

Hi Liz,

Your welcome. Will washrooms be added to the new station at Hurontario and the 407 location? I'm surprised the 407 Transitway was not implemented at the same time the 407 ETR was opened in the 1990s or five years after the 407 ETR had opened. It would have certainly been ahead of it's time had that happened. I read somewhere one of the councilors for the city of Markham was saying why have the 407 Transitway as a bus rapid transit? Why wasn't the 407 Transitway built as a LRT? But you have the GO Train. So it would make sense to have the 407 Transitway as a bus rapid transit. Especially for the GO Buses.

Thanks again and take care,

[redacted]

Liz Speller

From: Liz Speller
Sent: January-09-18 8:47 AM
To: [redacted]
Cc: 'DeRose, Graham (MTO)'; Larry.Sarris@ontario.ca; 'Garron, Gus'; Winnie.Leung@parsons.com; r.minnesconsulting@gmail.com; Holly.Kerslake@parsons.com
Subject: 407 Transitway - Guard separation
Attachments: 407 Transitway Hurontario Street to Highway 400 Notice of PIC 2 English.pdf; 407 Transitway Hurontario Street to Highway 400 Notice of PIC 2 French.pdf

Hi[redacted]

Treatments such as the ones you raised would have been considered to optimize mixed traffic bus operation in advance of implementing the Tranisitway but unfortunately, this was not possible due to the restrictions included in the concession agreement when the highway was leased to 407 ETR.

You will have the opportunity to discuss your ideas further and ask additional questions if you are able to attend the PIC.

Thank you.

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From:[redacted]
Sent: January-07-18 6:32 PM
To: Liz Speller <lspeller@lgl.ca>
Cc: 'DeRose, Graham (MTO)' <Graham.DeRose@ontario.ca>; Larry.Sarris@ontario.ca; 'Garron, Gus' <Gus.Garron@parsons.com>; Winnie.Leung@parsons.com; r.minnesconsulting@gmail.com; Holly.Kerslake@parsons.com
Subject: Guard separation

Good morning Liz,

Your welcome. Was their any consideration of having bus lanes only near to the shoulder of the 407 ETR highway? Or close to the exit ramps at the interchange? I guess it would make sense to have and build a transitway specifically for buses instead of having buses in mixed traffic on the 407 ETR even though the buses would have their own lane. I got your email regarding the Notice of Public Information Centre #2 for the 407 Transitway from west of Hurontario Street to the east of Highway 400.

Thank you and take care,

Liz Speller

From: Liz Speller
Sent: January-24-18 1:28 PM
To: [redacted]
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Robb Minnes; Kerslake, Holly; john.mcgill@parsons.com; gkauffman@lgl.com; Liz Speller
Subject: RE: 407 Transitway - Hurontario to 400 - Website Comment/Request

Good afternoon[redacted]

All of the documents associated with on-going and approved sections for the 407 Transitway are available on our project website (www.407Transitway.com). The characteristics of the 407 Transitway will follow the crossings of Highway 407 ETR. An accurate number of grade separated crossings of all local roads is not available until all the Environmental Assessments are completed and approved. Simply counting the number of Highway 407 ETR structures could give you an idea of the type/number of crossings the 407 Transitway will have.

Currently, there is no timeframe or dedicated funding to implement/construct any segment of the 407 Transitway runningway alignment. At this time, the Ministry will only be completing the Transit Project Assessment Process (TPAP) for the 407 Transitway.

The PIC boards will be posted to the project website during the week of January 29th.

Thank you for your continued interest in the 407 Transitway project.

Regards,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

From:[redacted]
Sent: January-22-18 4:43 PM
To: Liz Speller <lspeller@lgl.ca>
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Robb Minnes <r.minnesconsulting@gmail.com>; Kerslake, Holly <Holly.Kerslake@parsons.com>; john.mcgill@parsons.com; gkauffman@lgl.com
Subject: Re: 407 Transitway - Hurontario to 400 - Website Comment/Request

Thank you for the reply Liz, a few more questions.

I fully appreciated the benefits of the exclusive right-of-way for transit but I question at what cost. I understand this segment (Hurontario to 400) is part of a larger 407 Transitway project, how many grade separated crossings are needed for the entire 407 Transitway corridor (Burlington to Pickering)? What is the cost associated with grade separating all these crossings? What analysis was completed to support this "benefit" to transit? Were alternatives to grade separating every crossing assessed? Were other transit priority measure assessed? surely it can be an all or nothing scenario with no regards to cost.

I cannot attend the meetings this week when will the material be available on the project website?

Thank you,
[redacted]

From: Liz Speller <lspeller@lgl.ca>
Sent: January 22, 2018 2:31 PM
To: [redacted]
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Robb Minnes; Kerslake, Holly
Subject: RE: 407 Transitway - Hurontario to 400 - Website Comment/Request

Good afternoon [redacted]

Thank you for your website comment regarding the 407 Transitway project, from west of Hurontario Street to east of Highway 400.

The 407 Transitway will be located in its own exclusive right-of-way with no intersections operating as a bus transit facility. This means that the Transitway will pass over or under all roads and rail lines that it crosses, optimizing operating characteristics and providing the opportunity to convert it to a Light Rail Transit facility, if required, in the future.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

-----Original Message-----
From: [redacted]
Sent: January-15-18 8:18 AM
To: Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway - Hurontario to 400 - Website Comment/Request

From: [redacted]
E-mail [redacted]

Question/Request: I noticed the recent ad. On the notice & on the website it states "The 407 Transitway includes a grade-separated dedicated running way for transit vehicle". I have reviewed the material online and it is unclear what is intended by 'grade-separated' (unless I missed something)? Further clarification would be appreciated.

Thank you,

[redacted]

Liz Speller

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: January-18-18 3:12 PM
To: [redacted]
Cc: Sarris, Larry (MTO); [redacted]
Subject: RE: 407 Transitway - G.W.P. 14-20001
Attachments: 407 TW3_PROPERTY_PLAT[redacted]pdf

Hello [redacted]

Thank you for your email and voicemail regarding the on-going 407 Transitway assignment, from west of Hurontario Street to east of Highway 400.

After next week's PICs (January 23 – Brampton; January 25 – Woodbridge), all of the display boards will be posted on the project website: www.407transitway.com/hurontarioTo400/ . The public is welcome to make comments at the PIC or via the project website.

Please find attached a copy of the property plan specific to the [redacted] The plans circulated consist of the preferred alignment as included in the Draft Environmental Report (EPR), currently under agency stakeholder review. If through the review process, the preliminary design is modified, the affected owners will receive notification describing the impact and corresponding new/revised design.

The 407 Transitway studies are being carried out under the Transit Project Assessment Process (TPAP) following *Ontario Regulation 231/08 – Transit Projects and Metrolinx Undertakings*. Under this regulation, a future Notice of EPR Completion will be issued to all stakeholders. After this Notice, a 30 day review period is initiated for the Ministry of Environment & Climate Change and the public to review the finalized EPR.

The area south of Beechwood Cemetery falls within the 407 Transitway study completed in 2012. All of the public documents are available on the project website: www.407transitway.com/400ToKennedy/environmentalProjectReport . The 407 Transitway alignment connects to the new TTC station, crosses Jane Street and runs between Highway 407 and the cemetery.

All 407 Transitway assignments (past and present) are being completed to a planning and preliminary design level. At the present time, there is no dedicated construction timeframe or funding to implement any portion of the 150 km long 407 Transitway runningway alignment. The Province will not begin to acquire any necessary properties until funding and a construction schedule is determined, potentially years away.

Thank you for your continued interest in our project.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region

From: [redacted]
Sent: January 17, 2018 3:39 PM
To: DeRose, Graham (MTO)
Cc: Sarris, Larry (MTO); [redacted]
Subject: 407 Transitway - G.W.P. 14-20001

Graham – per my voicemail, we are the owners of several properties along the 407 Transit corridor.

We received Notice of PIC #2, as owner of property at [redacted] We were pleased to be also sent the Property Plan plates indicating the potential transit corridor.

We would like to receive similar Property Plan plates for lands located at [redacted] and for lands located at along the [redacted] We would require these plans in order to assess the potential impacts of the corridor to our properties.

We would also like to speak with the Province in order to commence discussions regarding the potential acquisition of any lands that may be required from our holdings for the corridor.

Please call the undersigned or [redacted] our office.

[redacted]

Liz Speller

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: February-06-18 5:39 PM
To: [redacted]
Cc: Graham.DeRose@ontario.ca; Garron, Gus; r.minnesconsulting@gmail.com; Leung, Winnie; Sarris, Larry (MTO); Liz Speller; Mcgill, John; gkauffman@lgl.com [redacted]
Subject: RE: 407 Transitway, PIC Follow-up [redacted]

Thanks for the comme[redacted] The MTO Project Team will review your comments and provide responses.

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From [redacted]
Sent: Monday, February 05, 2018 4:09 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>; Mcgill, John <John.Mcgill@parsons.com>; gkauffman@lgl.com; [redacted]
Subject: RE: 407 Transitway, PIC Follow-up [redacted]

Holly and others,

Thank you for the information that has been provided to date with respect to the 407 Transitway and, again, thank you for the time spent with me at the PIC #2. Attached are the comments following the Public Information Centre #2 for:

1. [redacted]
2. [redacted]

We respectfully request that these comments be given due consideration and implemented with respect to each of these properties respectively. We are available to provide any further information you may require regarding either of these properties. We look forward to further updates from you.

Thanks

[redacted]

From: [redacted]
Sent: January-30-18 2:15 PM
To: 'Kerslake, Holly' <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway, PIC Follow-up - [redacted]

Thanks Holly. That was quick!

[redacted]

[redacted]

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-30-18 11:04 AM
To: [redacted]
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway, PIC Follow-up [redacted]

Hello [redacted]

No problem – see attached the plan and profile drawings for the [redacted] panel.

Thanks!

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: [redacted]
Sent: Tuesday, January 30, 2018 9:42 AM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway, PIC Follow-up - [redacted]

Good morning Holly,

Are you able to send me the plan and profile for the [redacted]?

Thanks

[redacted]

[redacted]

[redacted]

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-29-18 9:46 AM
To: [redacted]
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway, PIC Follow-up - [redacted]

Great! Thanks [redacted]

Holly

Holly Kerslake
Desk : +1 905.943.0446
Cell : +1 647.467.8379

From: [redacted]
Sent: Saturday, January 27, 2018 12:04 PM
To: Kerslake, Holly <Holly.Kerslake@parsons.com>
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: RE: 407 Transitway, PIC Follow-up - [redacted]

Thank you Holly. I appreciate the time that everyone who was at the Public Information Centre spent with me answering my questions and providing additional information. We will be responding with respect to the two properties we spoke about that evening, namely the [redacted]

In the meantime if access is required through the [redacted] site as discussed for testing purposes on the adjacent land, please contact me directly to make the arrangements.

Regards

[redacted]

[redacted]

From: Kerslake, Holly [mailto:Holly.Kerslake@parsons.com]
Sent: January-26-18 1:19 PM
To: [redacted]
Cc: Graham.DeRose@ontario.ca; Garron, Gus <Gus.Garron@parsons.com>; r.minnesconsulting@gmail.com; Leung, Winnie <Winnie.Leung@parsons.com>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway, PIC Follow-up - [redacted]

Hello [redacted]

As explained in yesterday's PIC, to avoid impact to the water pond and to the future Hydro line in the [redacted] the alignment in this area is proposed to be shifted north, as shown in the attached figure (plan and profile included). Under this new arrangement, the Transitway is being proposed entirely under [redacted] which would be constructed using the "cut and cover" method. Just to reiterate, this proposed alignment modification **has not been approved and is still under review/discussion**. You will be advised when a formal decision has been made.

Thank-you for taking the time to come out yesterday and discuss the project. You're input is greatly appreciated.

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379

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407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-6701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

These comments are provided on behalf of [redacted] which owns the property at the [redacted] In addition, the storm water management pond servicing the [redacted] property is on lands owned by Infrastructure Ontario and is subject to an easement in favour of [redacted] permitting the use for storm pond drainage purposes and for which [redacted] paid the Province a significant amount representing fair market value for such use. We would also point out that [redacted] is a private driveway or road owned and maintained by [redacted] We note that the Preferred Alignment Alternative at this location indicates that the proposed alignment will travel beneath [redacted] and adjacent to, but not over or through, the storm water management pond.

We note that the [redacted] property contains a substantial industrial complex of three buildings comprising approximately 820,000 square feet of built office and industrial space with some expansion still available. Any disruption to the use of the [redacted] complex including the storm pond would have serious impact on [redacted] Accordingly we are concerned that any plans for the alignment in this location preserve to [redacted] the full and un-interrupted use of both [redacted] and the storm water management pond.

We also note that the use of private lands in this location for the transitway (whether above or below grade) should provide for compensation to the owner for the loss of ownership interests.

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☒ No ☐

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: [redacted]

E-mail: [redacted]

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400

PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-6701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

These comments are provided on behalf of [redacted], which owns the property at the [redacted]. A portion of the [redacted] lands adjacent to both [redacted] have been "reserved" by MTO and the Province of Ontario for many years for the transitway and accordingly have been unavailable to [redacted] notwithstanding that they are privately owned. [redacted] has asked the Ministry on previous occasions to either purchase/expropriate these lands or alternatively release them for development in conjunction with the adjacent industrial lands owned by [redacted]. The Ministry has in the past not agreed to either purchase or release.

We note that the Preferred Alignment Alternative at this location indicates that the proposed alignment will not utilize a large portion, and perhaps none at all, of the privately held and currently reserved [redacted] lands.

Accordingly we are requesting that the [redacted] lands not required for the Preferred Alignment Alternative be released and that [redacted] be permitted to develop them in accordance with City of Brampton requirements and without transitway restrictions. Alternatively if this is not acceptable then we would again request that the lands owned by [redacted] and "frozen" from use by future Transitway requirements be purchased by the Ministry at fair market value relative to the adjacent lands of which they form part.

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☒ No ☐

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: [redacted]

E-mail: [redacted]

From: [redacted]
To: Kerslake, Holly
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Garron, Gus; Liz Speller; Bishop, Chris; [redacted]
Subject: RE: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Response
Date: April-16-18 3:49:44 PM

Hi Holly,

Thank you for the response. We will keep the material you have provided on file and wait for the next step which I assume will be the Transit Project Assessment Process and the completion of the Environmental Project Report.

Please continue to keep us informed as the process continues, particularly in the case of any new or changed information.

Regards

[redacted]

[redacted]

From: Kerslake, Holly <Holly.Kerslake@parsons.com>
Sent: April-12-18 7:44 AM
To: [redacted]
Cc: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>; Sarris, Larry (MTO) <Larry.Sarris@ontario.ca>; Garron, Gus <Gus.Garron@parsons.com>; Liz Speller <lspeller@lgl.ca>; Bishop, Chris <Chris.Bishop@parsons.com>
Subject: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Response

Dear [redacted]

Thank you for attending the PIC at the Woodbridge Pool and Memorial Arena on January 25, 2018 for the 407 Transitway study, and for your email dated February 5, 2018 including comments for two properties owned by [redacted]. and [redacted]. that will be affected by the 407 Transitway. The purpose of this email is to provide a response to the comments/concerns outlined in your comment forms.

[redacted]

You explained that the stormwater management pond servicing the [redacted] property is on lands owned by Infrastructure Ontario and is subject to an easement in favour of [redacted] permitting the use

for storm pond drainage purposes and for which [redacted] paid the Province a significant amount representing fair market value for such use. [redacted] is a private driveway or road owned and maintained by [redacted]. You noted that the preferred alignment alternative at this location indicates that the proposed alignment will travel beneath [redacted] and adjacent to, but not over or through, the stormwater management pond. The [redacted] property contains a substantial industrial complex of three buildings comprising approximately 820,000 square feet of built office and industrial space with some expansion still available. You noted that any disruption to the use of the [redacted] complex including the storm pond would have serious impacts on [redacted]. Accordingly, you asked that any plans for the alignment in this location preserve to [redacted] the full and uninterrupted use of both [redacted] and the stormwater management pond. You noted that the use of private lands in this location of the 407 Transitway (whether above or below grade) should provide for compensation to the owner for the loss of ownership interests.

The revised 407 Transitway recommended design locates the runningway alignment north of the stormwater management pond servicing the [redacted] property, which is located within lands owned by Infrastructure Ontario and under the existing [redacted] (owned and maintained by [redacted]). As part of implementation, MTO commits to discuss with [redacted] the impacts to [redacted] during construction and operation. The attached PDF (Plate [redacted]) illustrates the revised recommended design of the Transitway (plan and profile) in this area.

[redacted]

You explained that a portion of the [redacted] lands adjacent to both [redacted] have been "reserved" by MTO and the Province of Ontario for many years for the Transitway and accordingly have been unavailable to [redacted] notwithstanding that they are privately owned. You noted that [redacted] has asked MTO on previous occasions to either purchase/expropriate these lands or alternatively release them for development in conjunction with the adjacent industrial lands owned by [redacted]. MTO has in the past not agreed to either purchase or release the lands. You noted that the preferred alignment alternative at this location indicates that the proposed alignment will not utilize a large portion, and perhaps none at all, of the privately held and currently reserved [redacted] lands. Accordingly, you are requesting that the [redacted] lands not required for the preferred alignment alternative be released and that [redacted] be permitted to develop them in accordance with City of Brampton requirements and without Transitway restrictions. Alternatively, if this is not acceptable, you are requesting again that the lands owned by [redacted] and "frozen" from use by future Transitway requirements be purchased by MTO at fair market value relative to the adjacent lands of which they form part.

The 407 Transitway alignment design has been revised to minimize impacts to the [redacted] lands located [redacted]. The potential impact is an aerial easement that may be required over the existing access road located [redacted] The attached PDF (Plates [redacted]) illustrates the revised alignment and potential aerial impact to the [redacted]. As part of implementation, MTO will discuss with [redacted] impacts during construction and operation. MTO does not acquire property in advance of projects being placed on the 5-year construction program. The 407 Transitway currently does not have a timeframe/funding in place for

implementation of any portion of the 407 Transitway runningway alignment. All proposed development applications for lands outside of the 407 Transitway right-of-way property requirements should be sent to MTO's Corridor Management office for review and approval before MTO permits can be issued.

Should you have any other concerns regarding this project or if you would like any further information, please contact me directly. You will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Sincerely,

Holly

Holly Kerslake
Rail & Transit, Parsons Transportation Group
625 Cochrane Drive, Suite 500, Markham, ON, Canada L3R 9R9
holly.kerslake@parsons.com
Desk : +1 905.943.0446
Cell : +1 647.467.8379
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407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
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4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-6701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS:

- [illegible] provide [illegible]
- Tunnel should connect, instead of the shelter and good lighting to provide additional security.
- Ensure connections to existing AT infrastructure
- Culvert bridges wide enough to accommodate [illegible]

Ensure wetland compensation

- Use permeable pavement
- Use LID in place of stormwater management pond, where possible
- New wildlife crossing on Ferndale

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes [✓] No [ ]

PLEASE PRINT CLEARLY

Name: [redacted]
Address: [redacted]
Postal Code [redacted] Telephone: [redacted]
E-mail: [redacted]

From: Liz Speller
To: [redacted]
Cc: "DeRose, Graham (MTO)"; Sarris, Larry (MTO); Garron, Gus; Kerslake, Holly; Bishop, Chris
Subject: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Response
Date: April-11-18 7:56:00 AM

Dear [redacted]

Thank you for attending the Public Information Centre (PIC) at the Greenbriar Recreation Centre on January 23, 2018 for the 407 Transitway study, and for the comment form that you submitted at the PIC. The purpose of this letter is to provide a response to the comments outlined in your comment form.

You requested that active transportation be considered as part of this project including: installing closed circuit cameras at bike shelters and good lighting to provide additional security; ensuring connections to existing active transportation infrastructure; and, building bridges wide enough to accommodate bikes.

The 407 Transitway is being designed following the approved MTO Transitway Design Standards which do not include an active transportation facility parallel to the runningway. The Transitway Design Standards were developed based on a design speed of 110 km per hour for an all grade separated runningway to exclusively accommodate bus rapid transit or light rail transit. Due to safety considerations and right of way availability along the 407 Corridor, the standard typical cross section of the 407 Transitway does not provide opportunity for an active transportation pathway. However, active transportation accessibility from the existing road network and corresponding facilities are being considered at all 407 Transitway stations. Prior to the implementation phase of the 407 Transitway, station facility active transportation infrastructure needs and plans (i.e. bike shelters, access for pedestrians/cyclists, lighting, etc.) will be discussed with the appropriate municipalities.

You also asked that the following environmental considerations are reviewed: use of permeable paving; use of low impact development in place of stormwater management ponds where possible; and, use of electric buses or biodiesel. These types of environmental measures will be considered/further assessed during the implementation and operational phases of the 407 Transitway.

Please let me know if you have any other concerns regarding this project or if you would like any further information. You will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.

Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400

PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

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MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
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Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-6701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

- THE INCORPORATION OF BICYCLE FACILITIES – INFRASTRUCTURE TO/FROM STATIONS COVERED BICYCLE STORAGE. VERY IMPORTANT. DO ADD SECURITY CAMERAS AS THEFT IS AN ISSUE AT CURRENT GO STATIONS!
- THE DESIGN FOR BRT & HOPEFULLY LTR IS A GREAT LOCATION FOR EAST/WEST TRAVEL FOR COMMUTING.
- ENVIRONMENTAL CONCERNS LIKE PERMEABLE PAVING, ATTENTION TO WATERSHEDS, WILDLIFE, POLLUTION ALL CRITICAL.

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

email is fine

Do you require a formal response to your comments? Yes ☑ No ☐

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: _____

E-mail: [redacted]

From: Liz Speller
To: [redacted]
Cc: "DeRose, Graham (MTO)"; Sarris, Larry (MTO); Garron, Gus; Kerslake, Holly; Bishop, Chris
Subject: 407 Transitway (Hurontario Street to Highway 401) - PIC #2 Response
Date: April-11-18 8:01:00 AM

Dear [redacted]

Thank you for attending the Public Information Centre (PIC) at the Greenbriar Recreation Centre on January 23, 2018 for the 407 Transitway study, and for the comment form that you submitted at the PIC. The purpose of this email is to provide a response to the comments outlined in your comment form.

You noted that the incorporation of bicycle facilities is important (i.e. infrastructure to and from stations and covered bicycle storage is very important, as is the addition of security cameras as theft is an issue at current GO stations).

Active transportation accessibility from the existing road network and corresponding facilities are being considered at all 407 Transitway stations. Prior to the implementation phase of the 407 Transitway, station facility active transportation infrastructure needs and plans (i.e. bike shelters, access for pedestrians/cyclists, lighting, etc.) will be discussed with the appropriate municipalities.

You also noted that consideration of environmental concerns is critical (i.e. permeable paving, attention to watersheds, and wildlife and pollution).

The incorporation of permeable pavement/asphalt (and similar environmental measures) into the design will be considered/further assessed during the implementation phase of the 407 Transitway. As part of the 407 Transitway project, a fish and fish habitat assessment (including an assessment of impacts to watercourses/watersheds), terrestrial ecosystems assessment (including an assessment of impacts to wildlife and wildlife habitat and species at risk) and an air quality/climate change assessment have been completed. Other environmental disciplines were also considered as part of this project as they pertain to the natural, social, economic and cultural environments, and technical reports have been prepared for these disciplines. The results of all of these assessments (as well as the technical reports) will be included in the Environmental Project Report that is currently being prepared for this project. You will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Please let me know if you have any other concerns regarding this project or if you would like any further information.

Sincerely, Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner

LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400

PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-6701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

I live near [redacted]

COMMENTS :

I would love to see this implemented/ sooner. I would use this service to enable me to directly travel to work using only transit. I am interested in seeing a seamless connection between local buses and the proposed BRT / LRT. It seems there needs to be more private support from developers to promote more exposure on this project.

This is a sustainable option that would decrease congestion and car ownership. This ~~this~~ transitway would be so useful for those who do not want to drive such as myself. It will indirectly promote vibrancy. I can see this service to go downtown without worrying about driving and finding parking space. At this rate, I can only see more and more cars on the road. We need a better alternative and this is it. Transit is the way to go.

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☐ No ☑

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code [redacted] Telephone: [redacted]

E-mail: [redacted]

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400
PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

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MTO Project Manager
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Planning & Design Section
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Toronto, Ontario M3M 0B7
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Fax: 416-235-3576
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John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

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MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
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Tel: 416-235-5701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

Grant N. Kauffman, M.E.S.
Consultant Environmental Planner
LGL Limited
22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

Subject to the appropriate discussions & ~~Affing~~ arrangements, we would consider entering into discussions to possibly sell the property subject to reviewing the hardships & the Potential losses that can be avoided in the future, amongst other things. Thank you.

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes [✓] No [ ]

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code _____ Telephone: [redacted]

E-mail: [redacted]

LGL Limited
environmental research associates
22 Fisher Street, P.O. Box 280
King City, Ontario Canada L7B 1A6
Tel: (905) 833-1244 Fax: (905) 833-1255
Email: kingcity@lgl.com web: www.lgl.com

April 11, 2018

Property Owner(s)
[redacted]

Dear Owners of [redacted]

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001

Thank you for attending the Public Information Centre (PIC) at the Woodbridge Pool and Memorial Arena on January 25, 2018 for the 407 Transitway study, and for the comment form that you submitted at the PIC. The purpose of this letter is to provide a response to the comments outlined in your comment form.

Your property/business ([redacted] is located at [redacted] You noted that, subject to appropriate discussions and arrangements, you would consider entering into negotiations to possibly sell the property subject to reviewing the hardships of the potential losses that can be avoided in the future, amongst other things.

The normal process is for MTO to commence negotiations to acquire properties once the project has been placed on the 5-year construction program. Construction timing for the Highway 50 Transitway Station is not known at this time. The Central Region Property Office can be contacted at 416-235-4953 to discuss this further. In the meantime, there is nothing to prevent you from continuing to operate your current business on the property until it is required for Transitway project implementation which could be many years away.

Please let me know if you have any other concerns regarding this project or if you would like any further information. You will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Yours sincerely,

LGL Limited
environmental research associates

Grant Kauffman
Senior Environmental Planner

c.c. Graham DeRose, MTO Project Manager
Larry Sarris, Senior MTO Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons

Liz Speller

From: Liz Speller
Sent: May-08-18 11:59 AM
To: [redacted]
Cc: DeRose, Graham (MTO); Sarris, Larry (MTO); Bishop, Chris; Garron, Gus; Kerslake, Holly
Subject: 407 Transitway (Hurontario Street to Highway 400) - PIC #2 Response and TPAP Commencement Notification
Attachments: 407 TW3 PIC 2 Response [redacted]April 11, 2018.pdf; 407 Transitway PIC 2 Comment Form [redacted]pdf; 407 Transitway (Hurontario Street to Highway 400) Notice of Commencement of TPAP.pdf

Good morning [redacted]

Please find attached a response letter to the comments outlined in your comment form received for the 407 Transitway study at the Public Information Centre held at the Woodbridge Pool and Memorial Arena on January 25, 2018. I apologize for the delay – the original letter (dated April 11, 2018 and addressed to [redacted] was just returned so I am sending via email instead.

Also, please find attached a copy of the Notice of Commencement of Transit Project Assessment Process for the 407 Transitway from west of Hurontario Street to east of Highway 400. This notice was also sent to [redacted] but was returned. If you could provide an updated address, I will update the project contact list to ensure you are informed of all future correspondence.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street King City, Ontario, Canada L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.com

Liz Speller

From: Liz Speller
Sent: January-31-18 11:57 AM
To: [redacted]
Cc: 'DeRose, Graham (MTO)'; 'Sarris, Larry (MTO)'; Garron, Gus; 'Kerslake, Holly'; Robb Minnes; 'Mcgill, John'
Subject: RE: 407 Transit Way question and feedback from [redacted]

Good morning [redacted]

Thank you for your email regarding the 407 Transitway project from west of Hurontario Street to east of Highway 400. You have raised a good question about the preferred Transitway design. The study team examined a number of alignment options in an attempt to provide a direct connection to the Bramalea GO Station. Unfortunately, a feasible alignment is not possible from either a design or cost/benefit perspective. The preferred design does include a bus exit/entrance ramp from the Transitway to connect with the GO station via Bramalea Road. The Dixie Road and Airport Road stations will provide the other access requirements for this segment of the Transitway, including local transit, park and ride, pick up/drop off, bicycle and walk in modes. **The Environmental Project Report (EPR)** includes the detailed information about all of the alternatives that were examined and the reasons for selecting the preferred option.

We will notify you when the EPR is posted for public review. The timing has not yet been finalized.

Thank you for your interest in this important project.

Sincerely,

Liz

Elizabeth J. Speller, M.E.S.
Senior Environmental Planner
LGL Limited environmental research associates
P.O. Box 280, 22 Fisher Street
King City, Ontario, Canada L7B 1A6
Phone: 905-833-1244
Fax: 905-833-1255
Email: lspeller@lgl.ca

From: [redacted]
Sent: January 24, 2018 12:24 PM
To: DeRose, Graham (MTO); john.mcgill; Sarris, Larry (MTO)
Subject: 407 Transit Way question and feedback from [redacted]

Good Morning Men:

Unfortunately, I was working late last night in Kitchener last night and I could not attend your planned 407 Transit Way public information session held at Greeenbriar Rec Centre in Brampton yesterday evening.

On the weekend, I did download and study the proposed plan posted on your website and I was wondering and had planned to ask this question at the meeting.

"Why are both Dixie Rd and Airport planned as transit stops, and not the already built major transit Hub at Bramalea Road, Steeles and that has connections to the Go Train etc... ?

I would be interested in finding more, and the rational for this particular area as I live very close to this area and commute regularly.

Than you for your consideration, and work on the various transit initiatives.

Regards,

[redacted]

Liz Speller

From: Liz Speller
Sent: January-30-18 8:50 AM
To: Liz Speller
Subject: FW: [redacted]
Attachments: file-1.jpeg

From: [redacted]
Sent: January 25, 2018 7:43 PM
To: DeRose, Graham (MTO)
Subject: [redacted]

Graham, further to our meeting at the PIC #2 the other night, please find enclosed a copy of the Comments which I presented to you in person. Please feel free to forward to any relevant person there at MTO including in particular any person or agency authorized to address the issue regarding the SWM pond and the realignment of the Hydro access road and the south access road to the station.

[redacted]

Member of iag

Ranked one of Ontario's Top Ten Regional Law Firms by *Canadian Lawyer* Magazine.

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Warning: From time to time, our spam filters may eliminate legitimate email from clients. If your email contains important instructions, please ensure that we acknowledge receipt of those instructions.

[redacted] will, upon request, provide this information in an accessible format.

407 TRANSITWAY – HURONTARIO STREET TO HIGHWAY 400

PUBLIC INFORMATION CENTRE #2

407 Transitway

January 23, 2018
4:00 p.m. to 8:00 p.m.
Greenbriar Recreation Centre
1100 Central Park Drive, Brampton

January 25, 2018
4:00 p.m. to 8:00 p.m.
Woodbridge Pool and Memorial Arena
5020 Highway 7, Woodbridge

Please provide your comments on the study and drop your completed comment sheet in the box provided. Alternatively you can mail, fax or e-mail your comment sheet by **February 23, 2018** to any of the following Project Team representatives:

Graham DeRose
MTO Project Manager
Ministry of Transportation, Central Region
Planning & Design Section
159 Sir William Hearst Avenue, 4th Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-5255
Fax: 416-235-3576
E-mail: graham.derose@ontario.ca

John McGill, P.Eng., PTOE
Consultant Project Manager
Parsons
4342 Queen Street, Suite 407
Niagara Falls, Ontario L2E 7J7
Tel: 289-294-6411
E-mail: john.mcgill@parsons.com

Larry Sarris, MCIP, RPP
MTO Environmental Planner
Ministry of Transportation, Central Region
Environmental Section
159 Sir William Hearst Avenue, 3rd Floor
Toronto, Ontario M3M 0B7
Tel: 416-235-6701
Fax: 416-235-3446
E-mail: larry.sarris@ontario.ca

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22 Fisher Street, P.O. Box 280
King City, Ontario, L7B 1A6
Tel: 905-833-1244
Fax: 905-833-1255
E-mail: gkauffman@lgl.com

COMMENTS :

① We believe there is no requirement for a SWM pond in the vicinity of the Herrontario Street Station as the site is serviced via Vicksburgh Dr. to the Derry Road SWM pond.

② The hydro sub-station access road should be relocated to the existing hydro corridor.

③ The secondary entranceway from Vicksburgh Drive to run along the hydro corridor boundary.

④ The comments above will serve to reduce the required taking from PIN [redacted]. We wish to be involved in the process to finalize proposed property lines and the extent of the taking of our property.

Thank you for your participation.

Comments and information regarding this study are being collected to assist the Project Team in meeting the requirements of *Ontario Regulation 231/08 Transit Projects and Metrolinx Undertakings*. Information will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. With the exception of personal information, all comments will become part of the public record.

Do you require a formal response to your comments? Yes ☑ No ☐

PLEASE PRINT CLEARLY

Name: [redacted]

Address: [redacted]

Postal Code _____ Telephone: [redacted]

E-mail: [redacted]

From: Liz Speller
To: Liz Speller
Subject: [redacted]
Date: March-16-18 2:33:36 PM
Attachments: DeRose-letter to-2018-03-16 [redacted]

From: [redacted]
Sent: March 16, 2018 12:21 PM
To: DeRose, Graham (MTO)
Cc: [redacted]
Subject: [redacted]

Good afternoon Mr. DeRose,

Please see attached letter from [redacted] for your attention.

[redacted]

Member of iag

Ranked one of Ontario's Top Ten Regional Law Firms by *Canadian Lawyer* Magazine.

This email contains confidential information and is intended for the sole use of the party to whom it is addressed. Any other distribution, copying or disclosure is strictly prohibited. If you have received this email in error, please notify us immediately by telephone and delete the message without retaining any hard or electronic copies of the same.
Warning: From time to time, our spam filters may eliminate legitimate email from clients. If your email contains important instructions, please ensure that we acknowledge receipt of those instructions.

[redacted] will, upon request, provide this information in an accessible format.

[redacted]

[redacted]

BY EMAIL

March 16, 2018

Ministry of Transportation
Central Region
Planning & Design Section
159 Sir William Hearst Avenue
4th Floor
Toronto, Ontario
M3M 0B7

Attention: Graham DeRose, MTO Project Manager

Dear Mr. DeRose:

Re: Registration of Order designating [redacted] (the "Property") as a Controlled Access Highway (the "Order")
Our File No.: [redacted]

As you are aware, we are solicitors for the registered owners of the Property.

We advised you during a meeting on January 23rd, 2018 that the proposed taking of a portion of the Property included land not required for transit way purposes (in particular, storm water management ponds) and that certain bus lanes should be relocated. The foregoing modifications would allow our client, albeit with significant modifications, to develop the remaining portion of the Property. The Property is zoned and ready for development and our client, at significant expense, had produced detailed site plans which have been circulated at the City. We were advised at the meeting that our concerns would be considered and that a response would be forthcoming. A detailed copy of our comments was provided to you at the end of the meeting and a copy was emailed to you. An additional copy is enclosed.

On a routine examination of title to the Property, we have now been made aware of the registration of the above captioned document. Surprisingly, the Order designates all of the Property as a designated access highway. This has the effect of freezing our client's Property to the enormous financial detriment of our client. You have advised that an actual expropriation of all or part of the Property may proceed reasonably soon, or in several years, or possibly not at all.

The purpose of this letter is to advise you that our client reserves the right to bring an action or application, including for damages, for its losses arising from the registration of the Order.

Yours very truly,

[redacted]

c.c. Client (with enclosure)

[redacted]

[redacted]

WITHOUT PREJUDICE

BY EMAIL

March 16, 2018

Ministry of Transportation
Central Region
Planning & Design Section
159 Sir William Hearst Avenue
4th Floor
Toronto, ON M3M 0B7

Attention: Graham DeRose, MTO Project Manager

Dear Mr. DeRose:

Re: Our letter to you regarding registration of Order In Council
Our File No.: [redacted]

Notwithstanding the letter delivered to you earlier today, we remain interested in resolving the matter on the basis that our client is left with sufficient lands comprising [redacted] to allow it to construct a single tower with sufficient parking as required by the City of Mississauga in the normal course. This will require the relocation of the storm water management ponds (as they are not in any event required) and the bus access road onto the hydro right of way lands as set out in the enclosure to our said earlier letter. We will also need your confirmation in order to proceed with our revised development that none of the setbacks contemplated by the Public Transportation and Highway Improvement Act will preclude our development on the [redacted] lands, and indeed, on the balance of our client's property.

Your early response to this letter and the resolution of the outstanding issues will be appreciated.

Yours very truly,

[redacted]

Ministry of Transportation

Engineering Office
Central Region
159 Sir William Hearst Avenue
4th Floor
Toronto ON M3M 0B7
Tel: 416 235-5255
Fax: 416 235-3576

Ministère des Transports

Chef du Bureau de genie
Région du Centre
159, avenue Sir William Hearst
4e étage
Toronto ON M3M 0B7
Tél. : 416 235-5255
Téléc. : 416 235-3576

Ontario

April 11, 2018

[redacted]

Dear [redacted]

RE: 407 Transitway from West of Hurontario Street to East of Highway 400 TPAP, G.W.P. 14-20001

Thank you for attending the Public Information Centre (PIC) at the Greenbriar Recreation Centre on January 23, 2018 for the 407 Transitway study, and for the comment form that you submitted via email on January 25, 2018 and the two letters submitted on March 16, 2018. The purpose of this letter is to provide a response to the comments outlined in your comment form and letters regarding the [redacted] Property owned by [redacted] located [redacted]

You indicated that you believe that there is no requirement for a stormwater management pond in the vicinity of the Hurontario Street Station as this site is serviced via Vicksburgh Drive to the Derry Road stormwater management pond. The station site requires stormwater management, which has been proposed through a stormwater pond, discharging into the adjacent Fletchers Creek. The Transitway design includes two ponds as shown in the station layout. In order to minimize impacts to [redacted] Property, the south pond has been relocated to the north-west between the two hydro corridors (see attached figure). MTO would need to review and discuss in detail the specifics of [redacted] considerations for the Hurontario stormwater management approach included in [redacted] plans.

You noted that the hydro sub-station access road should be relocated to the existing hydro corridor and that the secondary entranceway from Vicksburgh Drive is to run along the hydro corridor boundary. The access road off Vicksburgh Drive is the primary entrance to the station side, not the secondary. The secondary access off Hurontario Street is a right in/right out only "T" intersection. The access road off Vicksburgh Drive cannot be relocated along the hydro corridor due to physical constraints (hydro towers), operational constraints (the access is proposed as a continuation of the existing road south of Vicksburg Drive), and geometric constraints (this road will serve buses).

You indicated that, pursuant to the comments above, you believe the required property taking at this location can be reduced and will allow your client to develop the remaining portion of the property. You noted that the property is zoned and ready for development, and your client had produced detailed site plans which have been circulated to the City. You wish to be involved in the process to finalize the proposed property lines and the extent of the property taking.

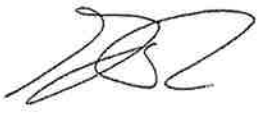
Based on the discussions held at the January 23, 2018 PIC in Brampton and addressing [redacted] written comments, MTO has made design modifications to the Hurontario Station layout, aimed at reducing the impact to the property [redacted] owned by "[redacted]". Responses to your comments are included below, reflecting the design modifications illustrated in the revised Hurontario Station layout (attached).

Additionally, you noted in your letter dated March 16, 2018 that, on a routine examination of title to the Property, you have now been made aware of the Registration of Order designating [redacted] (the "Property") as a Controlled Access Highway which designates all of the Property as a designated access highway, freezing your client's Property to the enormous financial detriment of your client. Further, you stated that MTO has advised that an actual expropriation of all or part of the Property may proceed reasonably soon, or in several years, or possibly not at all. You would like to advise MTO that your client reserves the right to bring an action or application, including for damages, for its losses arising from the registration of the Order. You noted in a separate letter also dated March 16, 2018 that you remain interested in resolving the matter on the basis that your client is left with sufficient lands compromising [redacted] to allow it to construct a single tower with sufficient parking as required by the City of Mississauga in the normal course. This will require the relocation of the storm water management ponds and the bus access road onto the hydro right-of-way lands. You also requested confirmation from MTO, in order to proceed with the revised development, that none of the setbacks contemplated by the *Public Transportation and Highway Improvement Act* will preclude the development on the [redacted] lands and on the balance of your client's property.

As noted above, the Transitway design has been modified to reduce the impact on your client's property. Due to the property being within MTO's permit control area, all proposed development applications must be circulated to MTO's Corridor Management office for review, approval and permits before any above/below ground construction can commence. The permit application process will determine MTO's setback requirements and help facilitate the proposed development planning for the site. To date, MTO's Corridor Management office has not received any proposed development plans (submitted by the property owner or by the City of Mississauga) for this location.

Please let me know if you have any other concerns regarding this project or if you would like any further information. You will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Yours sincerely,



Graham DeRose
Project Manager

c.c. Larry Sarris, Senior MTO Environmental Planner
Chris Bishop, Consultant Project Manager, Parsons
Grant Kauffman, Consultant Environmental Planner, LGL Limited

Attachment

From: DeRose, Graham (MTO)
To: [redacted]
Cc: Garron, Gus; Bishop, Chris; Liz Speller; Sarris, Larry (MTO); Kerslake, Holly
Subject: RE: Dimensioned CAD plan [redacted]
Date: April-19-18 9:07:47 AM
Attachments: [redacted]

Good Morning [redacted]

Thank you for your voicemail and email. Typically the Ministry does not provide AutoCAD drawings of active EA designs. However, I have attached an AutoCAD file of the revised 407 Transitway Hurontario station design as requested. Please note that this design is our preferred and will be presented in the Final Environmental Report but it is not yet considered finalized or approved. There is still a possibility that this design may change before approval, but we are not anticipating such.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: April 17, 2018 2:59 PM
To: DeRose, Graham (MTO)
Subject: [redacted]

Graham, I just left you a message on your office telephone.

Please advise if you can deliver to me a dimensioned CAD plan showing the revised boundary of the bus station lands in accordance with your recently revised plan as delivered under cover of your letter dated April 11th, 2018 (the "Plan"). Our intention would be to see how my client might be able to revise its development to fit within the revised boundary, given the boundary revisions on the Plan.

Thank you.

[redacted]

From: DeRose, Graham (MTO)
To: [redacted]
Cc: Garron, Gus; Kerslake, Holly; Sarris, Larry (MTO); Bishop, Chris; Liz Speller
Subject: 407 Transitway (Hurontario Street to Highway 401) - PIC #2 Response
Date: April-11-18 10:28:30 AM
Attachments: 407 Transitway PROPERTY PLATE [redacted].pdf

Dear [redacted]

Thank you for meeting with the Project Team at MTO's office on February 14, 2018 to discuss the impacts to your property as a result of the 407 Transitway from west of Hurontario Street to east of Highway 400.

As requested, please find attached the drawing showing the 407 Transitway alignment in the vicinity of your property ([redacted].) located [redacted]

Please let me know if you have any other concerns regarding this project or if you would like any further information. You will receive notification of the formal commencement of the 120-day Transit Project Assessment Process (TPAP) period for the 407 Transitway, and of the release of the Final Environmental Project Report (to inform you of opportunities to review the Report).

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

Liz Speller

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: June-01-18 2:03 PM
To: [redacted]
Cc: Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller; Sarris, Larry (MTO); Bishop, Chris
Subject: RE: 407 Transitway - Hurontario to 400 - Website Comment/Request

Good Afternoon [redacted]

According to the TPAP regulation, the approval lasts for 10 years. If the next phase of project implementation has not commenced within this time frame, the Environmental Project Report must be reviewed and updated as appropriate and necessary in consultation with the Ministry of Environment and Climate Change (MOECC). Matters that might be considered could include updated environmental impact mitigation and transit demand/integration changes that could result, for instance, in minor station layout modifications.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region
Tel: 416.235.5255

From: [redacted]
Sent: May 30, 2018 9:03 AM
To: DeRose, Graham (MTO)
Cc: Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller; Sarris, Larry (MTO); Bishop, Chris
Subject: Re: 407 Transitway - Hurontario to 400 - Website Comment/Request

Hi Mr. DeRose,

Thank you for the prompt response! Reading Metrolinx's 2041 RTP, Appendix 3E: Projects beyond 2041 included the 407 Transitway in its list. Out of curiosity, if the TPAP is to be competed within a few years for all 5 phases, will this resource last until post-2041 or will it have to be amended based on population growth and other factors addressed in the TPAP?

Regards,
[redacted]

From: DeRose, Graham (MTO) <Graham.DeRose@ontario.ca>
Sent: May 30, 2018 8:35 AM
To: [redacted]
Cc: Garron, Gus; Kerslake, Holly; r.minnesconsulting@gmail.com; Liz Speller; Sarris, Larry (MTO); Bishop, Chris
Subject: RE: 407 Transitway - Hurontario to 400 - Website Comment/Request

[redacted]

The current plan is for Metrolinx to be responsible for implementation and operation of the 407 Transitway. Since the Transitway is to utilize bus-based technology, it will be available to other transit agencies including TTC, YRT/VIVA, MiWay and Züm for interlining purposes (Interlining is a direct and efficient connection to the 407 Transitway for local bus access). Details of use agreements between Metrolinx and the transit agencies wishing to use the Transitway will be worked out in the future.

Please note that there is currently no implementation timetable for this project beyond the completion of the TPAP. However, the intention is for the 407 Transitway to ultimately replace the current 407 Express Bus Service, which will likely be implemented in stages based on demand.

Thank you for your interest in this important project, please let us know if you have any additional questions or concerns.

Sincerely,

Graham DeRose
Project Manager
Route Planning & Transit Initiatives
Ministry of Transportation, Central Region

-----Original Message-----
From: [redacted]
Sent: May-25-18 11:25 AM
To: Liz Speller <lspeller@lgl.ca>
Subject: 407 Transitway - Hurontario to 400 - Website Comment/Request

From: [redacted]
E-mail: [redacted]

Question/Request: Hi MTO, I have been reading about the 407 Transitway and I have two questions about this project.
1. Which transit agency will be servicing this transitway, would it be only our regional transit agency (GO Transit) or are other municipal transit agencies allowed to service this transitway (eg. TTC, YRT/VIVA, MiWay, Zum)? If other municipal transit agencies are allowed to service the transitway, will they be responsible for paying a service agreement fee?
2. When will this project enter into the procurement, design and construction phases? I understand that generally after the TPAP is finished, there is also a Preliminary Engineering/Design Business Case study completed so has this been completed or will the transitway project start ramping up in a few years?