

viii. The crossings over the Tributaries 1 and 2 of the East Don River should be reviewed further to minimize large amounts of embankment fill. A cut and fill analysis should be performed for this crossing during re-design of the existing pond; and,

ix. NASHYD command will be used to represent predevelopment conditions for the transitway ROW and STANDHYD will be used to represent post development conditions.

- Further develop a SWM and monitoring plan, including emergency spill prevention and reporting;
- Conduct foundations investigations for all new bridges located along the 407 Transitway. A strategy for mitigating potential impacts to groundwater will be developed, where warranted;
- Prepare an Environmental Management Plan where dewatering has potential to negatively impact fish habitat, wetlands or forests. Water treatment methods of water discharge will comply with prevailing water guidelines and requirements. Monitor water levels in selected wells during positive dewatering activities, as required. A site-specific testing to assess the need for and suitability for enhanced infiltration techniques will be considered, if required;
- Conduct a water well study to assess any impacts to water wells from construction and operation of the transitway. Any work done on affected wells or any replacement well pursuant to O. Reg. 903, Wells (under the *Ontario Water Resources Act*);
- Conduct ecological, fluvial geomorphological and hydraulic assessment at the watercourse/drainage features located at the Woodbine/Rodick Station area;
- Screen watercourse crossings for a HADD/no HADD in accordance with the MTO/DFO/MNR Fisheries Protocol. In areas where it is determined that a HADD will occur, a Fish Habitat Compensation Agreement will be negotiated with regulatory agencies.
- Evaluate any additional impacts to the TRCA Natural Heritage System, if applicable;
- Investigate any opportunities to transplant any affected regionally and/or locally significant plants and feasibility for habitat creation/enhancement to off-set any losses;
- Prepare and implement vegetation restoration, tree protection and edge management plans;
- Conduct field investigation and consult with the Ministry of Natural Resources to confirm presence/absence and distribution of the nine species regulated under the Ontario *Endangered Species Act* and the Canada *Species At Risk Act*;
- Further develop landscaping plans;
- Assess any changes to detailed design to determine if additional noise assessment is necessary;
- Implement best management practices to mitigate noise, vibration and air quality during construction;
- Develop traffic, parking, transit, cycling and pedestrian management strategies to be included in construction contract drawings. Traffic conditions will be monitored during construction to verify that all temporary traffic accommodation measures are effective;
- Develop utility, pipeline and municipal servicing relocation plans with service providers;
- Prepare Cultural Heritage Resource Documentation Reports and/or undertake Cultural Heritage Impact Assessments at the select sites to address provincial and municipal requirements;
- Conduct Stage 1 and 2 Archaeological Assessments on identified areas respectively (See Section 4.2.3) with archaeological potential that will be impacted by the transitway. Conduct a Stage 3 Archaeological Assessment on the identified registered archaeological site, J.J. Lunau Site 1 AIGt-219, if it is to be impacted by the project. Stage 3 and 4 Archaeological Assessments will be conducted, as warranted, depending on the results of the Stage 2 and Stage 3 Archaeological Assessment discussed above;

- Manage any brownfield sites in accordance with Ontario Regulation 153/04 and Ontario Regulation 511/09 once it comes into force, as applicable; and,
- Proceed with negotiations with property owners affected by the 407 Transitway facilities.

## 9.4 Canadian Environmental Assessment Act Determination

A CEAA determination will be secured under the *Canadian Environmental Assessment Act*, if triggered.

## 9.5 Addendum Process

MTO will prepare an addendum if significant changes to the project occur after the Statement of Completion is issued and filed in accordance with Section 15 of the Transit Projects Regulation, including:

- Preparation of an addendum to the Environmental Project Report;
- Preparation of a Notice of Addendum to the Environmental Project Report; and,
- Distribution of the Notice of Addendum to relevant stakeholders and the Ministry of the Environment.