



ARBORIST REPORT

for:

HATCH

by:

LGL Limited
environmental research associates

JANUARY 2022

LGL FILE TA8858A

LAKESHORE EAST, WEST CORRIDOR EXPANSION

ARBORIST REPORT

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1.0 INTRODUCTION

Metrolinx has retained Hatch Corporation to carry out the Detailed Design of the Lakeshore East (LSE) West Corridor Expansion in accordance with contract RQQ-2015-CLE-061. The study area is from Don River Crossing (Mile 332.15) to Midland Ave. (Mile 324.97), but the track expansion will occur between Pape Ave. (Mile 330.96) to Kennedy Ave. (Mile 325.76) in the City of Toronto, on the Kingston Subdivision and involves the addition of a fourth track to the existing three track corridor. This is to accommodate the proposed fifteen (15) minute service required for Regional Express Rail (RER). The study limits are presented in **Figure 1**.

LGL Limited (hereafter LGL), as a sub-consultant to HATCH, is providing arborist services for the LSE West Corridor Expansion Project. An arborist tree inventory was conducted in the summer and fall of 2018. The study area for the tree inventory included trees within the project limits and 6 m beyond to the extent possible with the exception of trees within the Toronto and Region Conservation Authority (TRCA) regulation limit and Ravine and Ravine and Natural Feature Protection (RNFP) boundary which included trees 12 m beyond the project limits, to the extent possible. A gap analysis was undertaken in the spring of 2020 to survey trees that are outside and within 6 m of the project limits, to the extent possible, that were not surveyed during the initial tree inventory. This Arborist Report documents the results of the tree inventory and an impact assessment which provides recommendations for tree protection, removals and mitigation measures. The impact assessment provided herein is based on construction disturbance limits provided to LGL in June 2020. The arborist tree inventory and assessment fulfills a requirement of the *Lakeshore East Rail Corridor Expansion (Don River to Scarborough GO Station) Environmental Project Report (EPR)*.

2.0 CITY OF TORONTO TREE PROTECTION BY-LAWS

Trees within the City of Toronto are protected by three municipal By-laws including the City Street Tree By-law, Private Tree By-law and, the Ravine and Natural Feature Protection By-law.

City Street Tree By-law

The City of Toronto Street Tree By-law protects all trees regardless of size situated on any Toronto road allowance.

Private Tree By-law

The City of Toronto Private Tree By-law protects all trees on private property that measure 30 cm diameter at breast height (DBH) and greater. In addition, the By-law protects trees of any size that were planted as a condition of a permit issued under the By-law or site plan agreement.

Ravine and Natural Feature Protection By-law

The Ravine and Natural Feature Protection By-law prohibits and regulates the injury and/or destruction of trees and altering of designated areas including grading, filling and dumping. Trees regardless of size are protected by the RNFP By-law.

Parks By-law

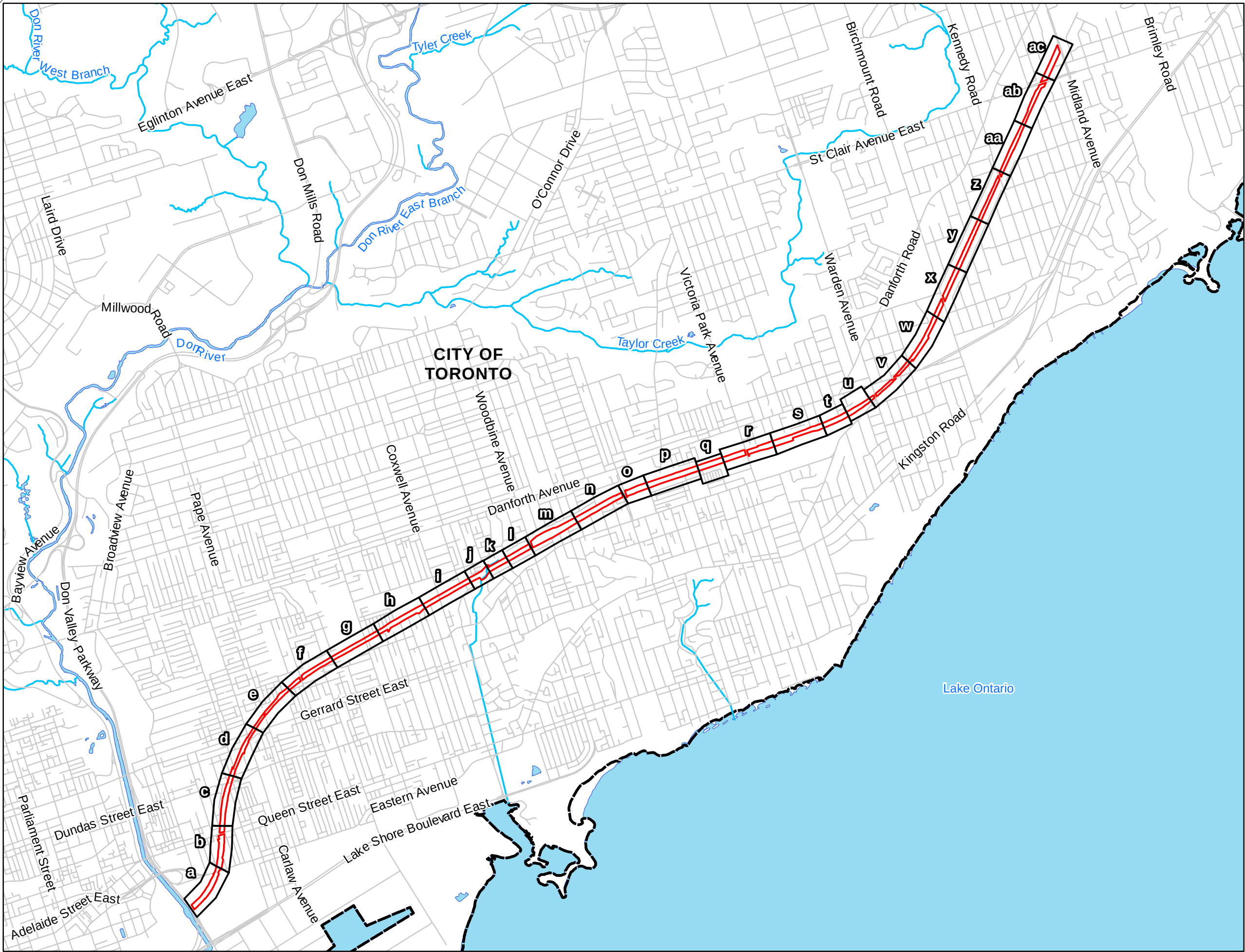
The City of Toronto Parks By-law states that no person in a park shall break, injure, deface, destroy, move or remove the whole or any part of a tree or other vegetation belonging to the City, unless authorized by permit; any person who does so is subject to providing payment to the City in an amount sufficient to cover the appraised value of the tree and other associated costs. Every person conducting any work in a park, or accessing a property through a park, shall carry out such work or access in accordance with the City's Tree Protection Policy and Specifications for Construction.

3.0 METHODOLOGY

An LGL ISA Certified Arborist conducted an inventory of tree resources on August 14th, 15th, 17th, 20th, 22nd, 27th, 28th, 29th, September 4th, 5th, November 21st, 22nd and 30th, 2018. The tree survey was undertaken along the Lakeshore East Rail Corridor from the Don River to Midland Avenue. The tree inventory was conducted in accordance with standard arboricultural practices and assessed all trees as per *Lakeshore East Rail Corridor Expansion Arborist Services Terms of Reference* (ToR), Toronto and Region TRCA and City of Toronto By-laws. The survey included all trees 30 cm DBH and greater within the existing ROW and 6 m beyond, to the extent possible, with the exception of trees within the RNFP and TRCA regulation limit and shared boundary trees. As per the ToR, within the RNFP boundary all trees ≥ 5 cm DBH and height ≥ 1.4 m were assessed and georeferenced, all trees and shrubs that do not meet the size requirements were included as a stem count. In the TRCA regulation limit, all trees ≥ 10 cm DBH were assessed and georeferenced, all trees and shrubs that do not meet the size requirements were included in a stem count. Trees within the RNFP boundary and TRCA regulation limit were surveyed within the existing rail corridor ROW and 12 m beyond, to the extent possible. In addition, boundary trees ≥ 10 cm DBH were assessed and georeferenced.

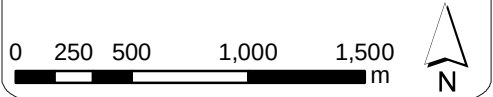
Each tree was surveyed using the following methodology:

- Species: each tree was identified to species level using common and scientific name;
- Size: DBH was recorded in centimetres and measured 1.4 metres above ground level;
- Health: tree condition was assessed based on a matrix of trunk integrity, crown structure and crown vigour. Each tree surveyed was assigned a ranking of poor (more than 30% dead branches, weak compartmentalization, early leaf drop, presence of insects/disease, major structural defects), dead (tree exhibits no sign of life), fair (10-30% dead branches, size or occurrence of wounds present some concerns, minor structural defects), or good (dead branches less than 10%, signs of good compartmentalization, none or minor wounds, no structural defects).



LEGEND

- Ontario Road Network
- Watercourse
- Waterbody
- Study Area
- Figure Number
- Municipal Boundary



**Lakeshore East Rail
Corridor Expansion
Key Map**



Project: TA8858A	Figure: 1
Date: June, 2020	Prepared By: AJ
Scale: 1:32,500	Verified By: LMC

Collected information specific to individual trees includes species, diameter at breast height (DBH), tree condition assessed in a matrix of trunk integrity, canopy structure, and crown vigour, and general comments as warranted. Tree locations were captured by a member of the Hatch survey team to satisfy the accuracy requirements of the ToR. In addition, each tree was assigned a City of Toronto tree category based on the following criteria:

- **Category 1:** Trees with a diameter of 30 cm or more on private property;
- **Category 2:** Trees with a diameter of 30 cm or more on private property, within 6 metres of the study area;
- **Category 3:** Trees of all diameters on City owned parkland;
- **Category 4:** Trees of all diameters within the Ravine and Natural Feature Protection Limit; and,
- **Category 5:** Trees of all diameters within the City road allowance, adjacent to the study area.

It should be noted that Category 1 trees located on Metrolinx property are not subject to the provisions of the City of Toronto Tree Removal By-laws. Trees with no assigned category do not meet the requirements of any of the criteria outlined above.

3.1 GAP ANALYSIS METHODOLOGY

A gap analysis was undertaken in the spring of 2020 to survey trees outside of and up to 6 m beyond the existing Metrolinx ROW, to the extent possible. These trees were not captured during the original tree survey in 2018 because permission to enter had not been obtained for the private properties and the trees were difficult to see from the Metrolinx ROW. Permission to enter was not obtained for the majority properties outside of the ROW and such, the health assessment and DBH for each trees was estimated from the roadside. A conservative approach was undertaken and all trees estimated to be 25 cm DBH and greater were included and assumed to have a DBH of 30 cm. The locations of the trees were approximated using Collector for ArcGIS. A detailed summary of the tree surveyed during the gap analysis are presented in the **Tree Inventory-Appendix A** (tree numbers 1312-1394).

4.0 RESULTS

A total of 1704 trees consisting of 46 species were inventoried during the field investigations. During the field investigations trees were numbered 1-348 and 350-1705, an issue with the GPS unit prevented 349 from being used. Of the 1705 trees identified, 525 are Category 4 trees (see **Appendix A**) and 465 are Category 1 trees (see **Appendix A**). A total of 460 trees, are comprised of Category 2, 3 and 5 trees and shared boundary trees (Metrolinx and privately owned or Metrolinx and City owned). The remaining 254 trees are privately owned trees that measure less than 30 cm DBH and as such, do not meet the requirements of the City of Toronto tree categories outlined in **Section 3.0** and as such, do not require a permit for injury or removal from the City. A detailed summary of all trees surveyed are presented in the **Tree Inventory-Appendix A** and the locations of each tree (by identifier number) are presented in **Figures 2a to 2ac** in **Appendix B**. Trees were capture west of Eastern Avenue as the limits of the track expansion were reduced after the tree inventory had been completed.

Overall, trees within the study limits range in size from 1 to 210 cm DBH and are generally considered to be in good to fair condition. Trees in poor condition displayed signs of a number of abiotic and biotic

defects. In addition, ash trees throughout the study area were generally in varying levels of decline which is likely a result of Emerald Ash Borer (*Agrilus planipennis*). Evidence of Emerald Ash Borer was widespread across the study area, thirty-six ash trees displayed the 'D-shape' exit hole which is typical of Emerald Ash Borer.

4.1 STEM COUNT

As per the requirements of the ToR a stem count of woody species not included in the tree inventory was undertaken. The stem count was conducted along the entire length of the study area and for ease of assessment and comparison was divided into different stem count zones. The limits of the stem count zones were determined by the boundaries of the *Ecological Land Classification* vegetation communities identified by AECOM during the EPR (2017) and confined to the existing right-of-way. The study area was divided into 35 stem count zones. The limits of the stem count zones are presented in **Figures 3A-3I** in **Appendix C**.

In general, the study area is dominated by young trees and shrubs that were documented as part of the stem count. A high proportion of non-native and invasive tree/shrub species were identified within each of the stem count zones. Tree of heaven (*Ailanthus altissima*) and Norway maple (*Acer platanoides*) were prevalent across the stem count zones. A higher proportion of woody stems were identified in the stem count zones associated with woodland and thicket habitat in comparison to stem count zones associated with meadow habitat. Overall, the woody species across the study area are generally in good to fair condition. The results of the stem count are presented in tabular format in **Appendix D**.

4.2 SPECIES AT RISK

Two tree species that are regulated under the Ontario *Endangered Species Act* and the Canada *Species at Risk Act* were identified within the study area including Kentucky coffee tree (*Gymnocladus dioica*) and butternut (*Juglans cinerea*).

4.2.1 Kentucky Coffee Tree

Kentucky coffee tree is regulated as Threatened under the Ontario *Endangered Species Act*, 2007 and was noted adjacent to the laydown area on Wildwood Crescent. The Kentucky coffee tree was planted as an amenity streetscape tree (LGL Tree #1,153). Consultation with the Ministry of Natural Resources and Forestry (MNR) Management Biologist (Mr. Bohdan Kowalyk) has advised that the Toronto streetscape Kentucky coffee trees are not regulated under the *Endangered Species Act*, 2007, due to their non-native origin.

4.2.2 Butternut

One butternut [(*Juglans cinerea*) (Tree #1043)] was identified within the study area. Butternut is regulated as Endangered under the Ontario *Endangered Species Act*, 2007. The butternut was identified on the south side of the ROW in the Small's Creek valleylands. In general, there was no signs of canker (sooty marks and open wounds) on the butternut, however, there was obvious signs of crown dieback. Representative photos of the butternut are provided below.

The butternut is located approximately 25 m upslope from the limit of disturbance and as such, no impacts to the butternut are anticipated. Consultation with the MNRF should be undertaken given that works will occur within the 50 m butternut habitat protection zone and a Butternut Health Assessment may be required. However, as noted above the butternut is approximately 25 m upslope from the proposed works and as such, it is anticipated that a 25 m buffer would be sufficient to protect the tree and its habitat. No works (i.e. clearing, machine operation, etc.) shall be undertaken within 25 m of the butternut.



Photo 1: View of the trunk of the butternut tree.



Photo 2: View of the canopy of the butternut tree.

5.0 IMPACT ASSESSMENT

An impact assessment was undertaken to determine impacts to trees resources as a result of the proposed improvements to the Lakeshore East Rail Corridor expansion from east of Pape Avenue to Kennedy Road. This assessment was conducted using the disturbance limits which includes the grading limits, retaining walls and easements, provided to LGL by Hatch in June 2020. Trees recommended for removal include trees within or outside the disturbance limits that would not be able to withstand construction related impacts. Trees identified as injured required work within the minimum TPZ, however, impacts to the tree are considered to be minor and these trees will likely survive post construction. In addition, trees identified as retained are considered to be minimally affected and will be protected through mitigation measures. Trees west of Eastern Avenue have not been included in the impact assessment. In addition, three trees have been removed by a private property owner since the time of the tree inventory and are not included in the impact assessment. As such, the impact assessment is based on 1,619 trees.

In addition, an assessment was undertaken to determine the impact to lands within the TRCA Regulation Limit per Ecological Land Classification (ELC) vegetation community type. Approximately 0.3703 ha of ELC vegetation communities will be impacted as a result of the proposed improvements and include:

- 0.236 ha of Dry-Fresh Oak-Maple-Hickory Deciduous Forest (FOD2) and 0.0103 ha of Deciduous Swamp (SWD) within the Small's Creek valleylands (north side of the rail corridor);
- 0.075 ha of Fresh-Moist Willow Deciduous Forest (FOD7-3) and 0.049 of Mineral Cultural Woodland (CUW1) within the Small's Creek valleylands (south side of the rail corridor); and;
- <0.001 ha of cultural hedgerow (CUH) east of Eastern Avenue.

5.1 TREE IDENTIFIED FOR REMOVAL

As noted in **Section 5.0**, trees identified for removal includes trees within the proposed disturbance limits and those trees outside of the disturbance limits where the amount of critical root zone that will be removed will likely cause significant and irreversible decline of the health of the tree. As such, a total of 559 trees have been recommended for removal as a result of the proposed improvements to the Lakeshore East Rail Corridor. A summary of the number of trees identified for removal per City of Toronto Tree Category is presented in **Table 1**. Trees identified for removal and the reason for removal are listed in **Appendix A** and presented in **Figures 2a to 2ac**.

**TABLE 1.
SUMMARY OF IMPACT ASSESSMENT***

City of Toronto Tree Category	Metrolinx Property (within ROW)			Outside of Metrolinx Property (Beyond ROW)		
	Trees Identified for Removal	Trees as Injured	Trees Identified for Retention	Trees Identified for Removal	Trees with Injured	Trees Identified for Retention
Category 1: Trees with a diameter of 30 cm or more on private property.	250	23	228			
Category 2: Trees with a diameter of 30 cm or more on private property, within 6 metres of the study area.				17	5	102
Category 3: Trees of all diameters on City owned parkland.				7	4	147
Category 4: Trees of all diameters within the Ravine and Natural Feature Protection Limit.	182	5	65	38	4	228
Category 5: Trees of all diameters within the City road allowance, adjacent to the study area.				32	9	70
Shared Boundary Tree: Category 1/2	4		9			
Shared Boundary Tree: Category 1/3			5			
Shared Boundary Tree: Category 1/5			7			
Other Trees Assessed						
Trees 30 cm DBH or less on private property**	15		138	14		11
Total	451	28	452	108	22	558

*Trees west of Eastern Avenue have been omitted from the impact assessment

**trees do not meet the requirements of a Toronto Tree Category ie. trees located on private property that are less than 30 cm DBH

5.1.1 Small's Creek and Williamson Park Ravine Tree Removals

Of the 559 trees identified for removal within the study area, a total of 220 trees are within the Small's Creek and Williamson Park Ravines. A total of 182 identified for removal, are within the Metrolinx ROW and of which, 159 and 23 trees are located on the north and south side of the tracks, respectively. A total of 38 trees located on City owned land have been identified for removal. Of the City owned trees, 37 and 1 trees are located on the north and south side of the tracks, respectively. **Table 2** provides a summary of the trees identified for removal within the ravines.

TABLE 2.
SUMMARY OF TREES IDENTIFIED FOR REMOVAL WITHIN THE SMALL'S CREEK AND WILLIAMSON PARK RAVINES

Side of Tracks	Metrolinx Owned Property (within ROW)	City of Toronto Owned Property
Small's Creek Ravine	159	37
Williamson Park Ravine	23	1
Total	182	38

5.2 TREES IDENTIFIED AS INJURED

Injured trees are those that are identified for retention, but encroachment into the minimum tree protection zone (TPZ) will occur. As required, by the City of Toronto, a permit to injure is required if the full minimum tree protection zone cannot be provided (City of Toronto 2016). A total of 50 trees have been identified as injured as a result of the proposed improvements to the Lakeshore East Rail Corridor. A summary of the number of trees identified as impacted per City of Toronto Tree Category is presented in **Table 1**. Trees identified as injured and the reason for the injury are listed in **Appendix A** and are presented in **Figures 2a to 2ac**.

5.3 TREE IDENTIFIED FOR RETENTION

Trees identified for retention will not be adversely affected by the proposed improvements to the Lakeshore East Rail Corridor. A total of 1010 trees have been identified for retention and listed in **Appendix A** and presented in **Figures 2a to 2ac**. A summary of the number of trees identified for retention per City of Toronto Tree Category is presented in **Table 1**.

5.4 TREES REQUIRING A PERMIT

A summary of the trees requiring a permit for removal or injury from the City of Toronto is provided below in **Table 3**.

TABLE 3.
SUMMARY OF TREES REQUIRING A PERMIT

City of Toronto Tree Category	Remove	Injury
Category 1	0	0
Category 2	17	5
Category 3*	7	4
Category 4	38	4
Category 5	32	9
Shared Boundary	0	0
Total	94	22

6.0 MITIGATION

The following recommendations are provided to ensure impacts to all retained trees are minimized. Designation of a TPZ is imperative for the protection of trees (roots, trunks, branches) adjacent to construction works. The TPZ will restrict construction related machinery and activities from damaging trees identified for protection. Tree protection measures within the study area follow the minimum tree protection limits developed by the City of Toronto's Urban Forestry Branch of the Parks, Forestry and Recreation Department. This protection zone is the minimum distance from the tree trunk required for protection, and it varies depending on tree size. See **Tree Resources Preservation Plan Notes – Figure 2ad and 2e**. **Table 4** forms the basis for the minimum distances traditionally required to ensure tree protection.

TABLE 4: CITY OF TORONTO TREE PROTECTION ZONE REQUIREMENTS.

Tree Protection Zones:

Trunk Diameter (DBH) ¹	Minimum Protection Distances Required ² City-owned and Private Trees	Minimum Protection Distances Required Trees in Areas Protected by the Ravine and Natural Feature Protection By-law
< 10 cm	1.2 m	Whichever of the two is greater: The drip line ⁴ or 1.2 m
10 – 29 cm	1.8 m	The drip line or 3.6 m
30 ³ – 40 cm	2.4 m	The drip line or 4.8 m
41 – 50 cm	3.0 m	The drip line or 6.0 m
51 – 60 cm	3.6 m	The drip line or 7.2 m
61 – 70 cm	4.2 m	The drip line or 8.4 m
71 – 80 cm	4.8 m	The drip line or 9.6 m
81 – 90 cm	5.4 m	The drip line or 10.8 m
91 – 100 cm	6.0 m	The drip line or 12.0 m
> 100 cm	6 cm protection for each 1 cm diameter	12 cm protection for each 1 cm diameter or the drip line ⁵

(Source: City of Toronto Tree Protection Specifications <http://www.toronto.ca/trees/pdfs/TreeProtSpecs.pdf>)

6.1 TREE PROTECTION RECOMMENDATIONS

In addition to the tree protection measures listed in **Figure 2ad** the following recommendations shall be implemented to minimize disturbance to trees and natural areas in the vicinity of the proposed construction:

- Delineation of the disturbance limits within work areas should be clearly defined on drawings and on site prior to construction;
- The Site Supervisor shall be familiar with Toronto's *Tree Protection Policy and Specification for Construction near Trees* and be cognizant of the purpose and function of Tree Protection Zones (TPZ);
- Tree protection fencing for trees located in the Ravine and Natural Feature Protection Area shall be comprised of plywood hoarding and be installed in locations as presented in **Figures 2j and 2k**. Tree protection specifications are presented in **Figure 2ad**;
- Tree protection fencing for all trees outside of the RNFP boundary shall be comprised of orange plastic web snow fencing on a wood frame. Tree protection specifications are presented in **Figure 2ad**;
- Tree protection hoarding/barrier must be installed prior to the commencement of any construction activities;
- Heavy machinery shall not be operated within the TPZ (including overhead swinging of machine arms);
- Construction materials, equipment, soil, construction waste or debris are not to be stored within the TPZ or dripline of the trees identified for protection;
- There shall be no movement or parking of vehicles, placement of equipment or pedestrian traffic within the TPZ;
- No signs or objects shall be displayed or affixed to any trees protected by the City;
- Disposal of any liquids shall not occur within the TPZ;
- Tree clearing shall ensure compliance of the *Migratory Bird Convention Act* (MBCA). The study area is within Environment and Climate Change Canada's Nesting Zone C2 (Nesting Period: April 1 –August 31). This timing restriction will avoid the destruction or disturbance of bird species using the available habitat in the study area. Should this not be possible, a nesting bird survey will be undertaken by a qualified avian biologist within 24 hours before any vegetation clearing;
- Should any additional, incidental or accidental tree injuries occur during construction, a qualified Arborist or City Forester should be consulted to determine if additional mitigation measures shall be employed.

6.2 MITIGATION FOR WORKS WITHIN THE MINIMUM TPZ

All work undertaken within the minimum TPZ of a tree shall be supervised by a qualified arborist, the arborist will document the works that were completed and direct workers as required. In addition, the mitigation measures outlined in **Section 6.2.1-6.2.3** shall be implemented for works undertaken within the minimum TPZ.

6.2.1 Horizontal Hoarding

Soil compaction in the form of horizontal hoarding should be implemented where encroachment into the minimum TPZ is required. Horizontal hoarding should be installed to City of Toronto specifications (**Figure 2ad**) and should include 30 cm based of course wood chips with either staggered plywood fastened together or steel plates.

6.2.2 Canopy Pruning

All canopy and clearance pruning should be undertaken by an ISA Certified Arborist or an Ontario College of Trades 444A Arborist or Arborist Apprentice and in accordance with the City of Toronto specifications. Any branches that overhang the work site and require pruning are to be pruned using good arboricultural practices in accordance with American National Standard (ANSI) A300 (Part 1) – 2008 Pruning.

6.2.3 Root Pruning

All approved root pruning should be undertaken by an ISA Certified Arborist or an Ontario College of Trades 444A Arborist or Arborist Apprentice and in accordance with the City of Toronto specifications. The following practices should be implemented for any root pruning:

- Prior to root pruning air spading or hand digging should be undertaken to expose the roots;
- No roots greater than 5 cm in diameter or in a dense mat shall be pruned without prior approval from the City of Toronto;
- Smaller roots are to be retained where possible unless severance is absolutely necessary;
- Exposed roots should not be allowed to dry out, where roots are exposed they should be covered by dampened mulch or topsoil to prevent desiccation;
- All pruning should maintain the integrity of the root bark ridge;
- A slow release deep root low nitrogen fertilizer should be applied to any trees requiring root pruning to increase vigour; and,
- Backfilling should occur as soon as possible and should occur with clean native uncontaminated topsoil.

As required by the City, a root excavation report will be prepared for any City Owned trees where root pruning is proposed. The report will be submitted to Urban Forestry as part of the documentation following the completion of the work.

6.3 INVASIVE SPECIES MANAGEMENT

Efforts should be made to prevent the spread of invasive plant species during construction both on and off site. Sanitation of construction equipment should be undertaken in accordance with the *Clean Equipment Protocol* (2013) and at a minimum should include sanitation of construction vehicles and equipment prior to leaving and moving to the next site. A cleaning station should be set up, so vehicles and equipment can be inspected and cleaned regularly.

6.4 EMERALD ASH BORER

As noted in **Section 4.0**, Emerald Ash Borer (EAB) is widespread throughout the study area and as such, precautions should be taken with the removal of ash wood. A total of 36 trees were identified as showing symptoms of EAB including crown dieback, epicormics branching and the typically 'D-shaped' exit hole. Trees identified showing symptoms of EAB are listed in **Appendix A**.

The study area is within the Canadian Food Inspection Agency (CFIA) Emerald Ash Borer Regulated Areas of Canada and as such, the removal of ash trees from the study area should be in compliance with the requirements of CFIA *Phytosanitary Requirements to Prevent the Introduction Into and Spread Within Canada of the Emerald Ash Borer* (D-03-08). Where possible ash trees should not be removed from site during the high risk season considered to be April 1 to September 30 of any given year.

7.0 ENVIRONMENTAL PROJECT REPORT COMMITMENTS

The *Lakeshore East Rail Corridor Expansion (Don River to Scarborough GO Station)* EPR identified commitments for the protection of sensitive natural heritage features within the study area including the Environmentally Significant Area (ESA). The Williamson Park ESA is located on the south side of the rail corridor within the Small's Creek valleylands. The EPR recommended avoiding or minimizing disturbance to the Williamson Park ESA and adjacent areas. However, works associated with the replacement of the culvert at Small's creek will result in the disturbance of a portion of the Williamson Park ESA including tree clearing and removal. To mitigate the impacts to the Williamson Park ESA, the limit of disturbance within the ESA shall be minimized to the extent possible, and clearly defined by tree protection fencing so no inadvertent disturbance occurs. In addition, a restoration plan should be prepared in consultation with TRCA and be implemented post-construction. The restoration plan should include post-planting monitoring to ensure the success of the restoration.

8.0 VEGETATION COMPENSATION PROTOCOL

Metrolinx is establishing a Vegetation Compensation Protocol (VCP) for Metrolinx Regional Express Rail projects, and vegetation that is removed will be compensated for in accordance with the provisions of this protocol.

For Municipal/Private Tree: Metrolinx will work with each municipality to develop a municipality wide streamlined tree permitting/compensation approach for municipal and private trees. The goal is to reduce administrative permitting burden for trees along long stretches of rail corridor.

For Trees within Metrolinx Property: Metrolinx is developing a methodology to compensate for trees located within Metrolinx's property. This will involve categorizing trees community types/ecological value and establishing the appropriate level of compensation. Metrolinx will be looking to partner with Conservation Authorities and municipalities to develop the final compensation plan.

Conservation Authorities: For vegetation removals within conservation authority lands where required, applicable removal and restoration requirements will be followed.

Federal Lands: For vegetation removals within Federally-owned lands where required, applicable removal and restoration requirements will be followed.

Tree End Use: Metrolinx will develop options for the end use of trees removed from Metrolinx property (e.g. reuse/recycling options).

8.1 SUMMARY OF COMPENSATION

In accordance with the City of Toronto Urban Forestry policies any tree removal or injury to trees will require replacement or site restoration following construction activities. For the purposes of determining compensation for those trees outlined in **Section 5.4** as requiring a permit, compensation was determined in accordance with the compensation rates outlined below:

- City of Toronto Street Tree By-law
 - 3 replacement trees: 1 removal regardless of size
- City of Toronto Parks By-law
 - 3 replacement trees: 1 tree removal of any size
- City of Toronto Private Tree By-law
 - 3 replacement trees: 1 removal for all trees except dead or imminently hazardous trees
- City of Toronto Ravine and Natural Feature Protection By-law
 - 1 replacement tree: 1 injury;
 - 3 replacement trees: 1 removal if the tree is in good condition and over 10 cm DBH;
 - 1 replacement tree: 1 removal if the tree is in poor condition or under 10 cm DBH; or
 - Area-based compensation (ABC) will be applied for ravine areas with soil disturbance - \$26/m² or \$260,000/hectare

If replacement plantings based on ratios provided cannot be met due to site constraints, cash in lieu of planting may be accepted. Cash in lieu is calculated as the City of Toronto's installed cost for planting and maintaining a tree for two years at a value of \$583 a tree. Table 5 provides a summary of the number of trees required for compensation for the removal and injury of trees within the study area.

TABLE 5.
SUMMARY OF NUMBER OF TREES REQUIRED FOR COMPENSATION

Tree Category	Number of Trees Removed Tree 10 cm DBH and Greater		Number of Trees Removed Less Than Tree 10 cm DBH		Number of Trees Injured (RNFP Only)	Number of Compensation Trees Requires
	Good Health	Poor Health	Good Health	Poor Health		
Category 2	17				N/A	51
Category 3	6		1		N/A	21
Category 4	28	1	9		4	ABC Approach
Category 5	31	1			N/A	96
Total						168

9.0 SUMMARY AND CONCLUSION

An evaluation of tree resources within the study area was conducted in the summer and fall of 2018 by LGL. The information presented herein includes:

- a detailed tree inventory;
- mapping of the proposed disturbance limits from which an impact assessment has been conducted; and,
- recommendations for the protection of trees and natural areas during construction.

A gap analysis was undertaken in the spring of 2020 to survey trees outside of the Metrolinx ROW and within 6 m of the proposed works, to the extent possible.

A total of 559 trees are in conflict with the proposed Lakeshore East Rail Corridor expansion and have been identified for removal. Fifty trees are considered to be injured by the proposed construction and will require works within the minimum tree protection zone of the tree. The remaining 1092 trees (including 82 trees west of Eastern Avenue and excluding 3 trees that have been removed by a private property owner) will be preserved and protected with hoarding. **Section 5.4** provides a summary of trees that are identified as removal or injury and require a permit from the City of Toronto. A permit will be required from the City of Toronto Urban Forestry for a total of 94 tree removals and 22 tree injuries. A permit from Ravine and Natural Feature Protection will be required for 38 tree removals and 4 tree injuries. One butternut was identified within the study area and requires further consultation with the MNRF. The butternut is approximately 25 m upslope from the construction limits and as such, no impacts to the tree are anticipated. However, works will occur with the 50 m habitat protection zone and as a result, consultation with the MNRF should be undertaken.

Recommended mitigation measures have been outlined in **Section 6.0** and include:

- General tree protection measures including: tree protection specifications, identification and implementation of a tree protection zone (see **Section 6.1 and 6.2** for details);
- A 25 m exclusion zone shall be established for the butternut to ensure adequate protection of the tree and its habitat;
- Measures to ensure compliance with the *Migratory Bird Convention Act* shall be undertaken including the avoidance of disturbance/destruction of bird species habitat between April 1 –August 31 (see **Section 6.1** for details);
- Implementation of invasive species management to prevent the spread of invasive species on site and off site including the setup of a cleaning station so vehicles and equipment are inspected and cleaned regularly (see **Section 6.3** for details)
- Methods to prevent the spread and control of Emerald Ash Borer, including limiting the removal of ash trees to outside of the high risk season considered to be April 1 to September 30 of any given year (see **Section 6.4** for details); and;
- Mitigate impacts to the Williamson Park ESA, through limiting the extent of disturbance and conducting post-site restoration monitoring (see **Section 7.0** for details).

10.0 DISCLAIMER

10.1 LIMITATIONS OF THIS ASSESSMENT

This Assessment is based on the circumstances and observations as they existed at the time of the site inspection of the Client's Property and the trees situate thereon and upon information provided by the Client to LGL Limited. The opinions in this Assessment are given based on observations made and using generally accepted professional judgment, however, because trees and plants are living organisms and subject to change, damage and disease, the results, observations, recommendations, and analysis as set out in this Assessment are valid only as at the date any such testing, observations and analysis took place and no guarantee, warranty, representation or opinion is offered or made as to the length of the validity of the results, observations, recommendations and analysis contained within this Assessment. As a result, the Client shall not rely upon this Assessment, save and except for representing the circumstances and observations, analysis and recommendations that were made as at the date of such inspections. It is recommended that the trees discussed in this Assessment should be re-assessed periodically.

10.2 RESTRICTION OF ASSESSMENT

The Assessment carried out was restricted to the Property. No assessment of any other trees or plants has been undertaken by LGL. LGL is not legally liable for any other trees or plants on the Property except those expressly discussed herein. The conclusions of this Assessment do not apply to any areas, trees, plants or any other property not covered or referenced in this Assessment.

10.3 PROFESSIONAL RESPONSIBILITY

In carrying out this Assessment, LGL Limited and any Assessor appointed for and on behalf of LGL Limited to perform and carry out the Assessment has exercised a reasonable standard of care, skill and diligence as would be customarily and normally provided in carrying out this Assessment. The Assessment has been made using accepted arboricultural techniques. These include a visual examination of each tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of insect attack, discoloured foliage, the condition of any visible root structures, the degree and direction of lean (if any), the general condition of the tree(s) and the surrounding site, and the current or planned proximity of property and people. Except where specifically noted in the Assessment, none of the trees examined on the property were dissected, cored, probed, or climbed and detailed root crown examinations involving excavation were not undertaken.

While reasonable efforts have been made to ensure that the trees recommended for retention are healthy, no guarantees are offered, or implied, that these trees, or all parts of them will remain standing. It is professionally impossible to predict with absolute certainty the behaviour of any single tree or group of trees, or all their component parts, in all given circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential to fall, lean, or otherwise pose a danger to property and persons in the event of adverse weather conditions, and this risk can only be eliminated if the tree is removed.

Without limiting the foregoing, no liability is assumed by LGL or its directors, officers, employers, contractors, agents or Assessors for:

- a) any legal description provided with respect to the Property;

- b) issues of title and or ownership respect to the Property;
- c) the accuracy of the Property line locations or boundaries with respect to the Property;
- d) the accuracy of any other information provided to LGL by the Client or third parties;
- e) any consequential loss, injury or damages suffered by the Client or any third parties, including but not limited to replacement costs, loss of use, earnings and business interruption; and,
- f) the unauthorized distribution of the Assessment.

10.4 GENERAL

Any plans and/or illustrations in this Assessment are included only to help the Client visualize the issues in this Assessment and shall not be relied upon for any other purpose.

Appendix A
Tree Inventory

Project:	TA8858
Client:	Hatch
Collectors:	LMC, JCN, JS, and CJA

Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree			
316990.18	4834887.91	1	Ailanthus altissima	tree of heaven	21.0	11.0		g	g	g	3												N/A			X		1.80			N/A	X	
316994.05	4834880.00	2	Malus sp.	apple	32.0			p	p	p	7												2			X		2.40		grape vine	N/A		
317000.24	4834884.84	3	Acer negundo	Manitoba maple	15.0			g	g	g	5				m,s								N/A			X		1.80			N/A		
317007.46	4834882.11	4	Acer negundo	Manitoba maple	14.0			f	f	f	2	30			l,n								N/A			X		1.80			N/A		
317008.76	4834883.97	5	Acer negundo	Manitoba maple	11.0			f	f	f	2	30											N/A			X		1.80			N/A		
317011.03	4834885.27	6	Acer negundo	Manitoba maple	15.0			p	p	p	5					x		x					N/A			X		1.80		topped	N/A		
317012.79	4834889.64	7	Acer negundo	Manitoba maple	16.0			p	p	p	4												N/A			X		1.80			N/A		
317014.70	4834893.35	8	Acer negundo	Manitoba maple	14.0			g	g	g	4												N/A			X		1.80			N/A		
317017.03	4834894.90	9	Acer negundo	Manitoba maple	10.0			g	g	g	2												N/A			X		1.80			N/A		
317003.61	4834895.28	10	Ulmus pumila	Siberian elm	21.0	19.0		g	g	g	7		x	x									N/A			X		1.80		grape vine competition	N/A		
316998.34	4834892.13	11	Ulmus pumila	Siberian elm	11.0			g	g	g	5												N/A			X		1.80			N/A		
317065.82	4834964.10	12	Populus deltoides	cottonwood	13.0			g	g	g	2												N/A	X		X		1.80			N/A	X	
317089.98	4834992.30	13	Ailanthus altissima	tree of heaven	16.0	12,12		g	g	g	5												N/A	X		X		1.80			N/A	X	
317091.32	4834993.12	14	Ailanthus altissima	tree of heaven	18.0			g	g	g	5												N/A	X		X		1.80			N/A		
317092.39	4834997.02	15	Acer negundo	Manitoba maple	11.0			g	g	g	2				l,s								N/A	X		X		1.80			N/A	X	
317095.09	4834999.64	16	Acer negundo	Manitoba maple	15.0	12,15		g	g	g	4	10						x		x			N/A	X		X		1.80			N/A	X	
317105.96	4835014.03	17	Morus alba	white mulberry	24.0	14,18		g	g	g	4		x	x					x				N/A	X		X		1.80			N/A		
317107.73	4835015.50	18	Acer negundo	Manitoba maple	21.0	17,19		g	g	g	4												N/A	X		X		1.80			N/A		
317116.51	4835026.34	19	Acer negundo	Manitoba maple	21.0	14.0		g	g	g	5												N/A	X		X		1.80			N/A		
317120.70	4835032.42	20	Acer negundo	Manitoba maple	12.0			g	g	g	3												N/A	X		X		1.80			N/A		
317121.11	4835032.52	21	Acer negundo	Manitoba maple	11.0			g	g	g	3												N/A	X		X		1.80			N/A		
317125.98	4835040.09	22	Acer negundo	Manitoba maple	13.0	13.0		g	g	g	3			x	x								N/A	X		X		1.80			N/A		
317128.02	4835042.22	23	Acer negundo	Manitoba maple	10.0	6,5,4		g	g	g	3	10	x	x									N/A	X		X		1.80			N/A		
317137.93	4835064.96	24	Acer negundo	Manitoba maple	10.0			g	g	g	2		x	x									N/A	X		X		1.80			N/A	X	
317155.75	4835085.35	25	Acer negundo	Manitoba maple	18.0	15,12,13		g	g	g	5		x	x									N/A	X		X		1.80			N/A		
317158.57	4835091.59	26	Acer negundo	Manitoba maple	15.0	10,8		g	g	g	5		x	x									N/A	X		X		1.80			N/A		
317162.75	4835097.98	27	Acer negundo	Manitoba maple	15.0	15,12		g	g	g	5		x	x									N/A	X		X		1.80			N/A		
317165.35	4835103.93	28	Acer negundo	Manitoba maple	15.0	11,14,10,10		g	g	g	5		x	x									N/A	X		X		1.80			N/A		
317166.83	4835105.16	29	Malus sp.	apple	10.0			g	g	g	2												N/A	X		X		1.80			N/A		
317167.75	4835112.81	30	Acer negundo	Manitoba maple	25.0	18,13,12,8		g	g	g	6	10	x	x									N/A	X		X		1.80			N/A		
317171.89	4835115.55	31	Acer negundo	Manitoba maple	10.0	10,8		g	g	g	4												N/A	X		X		1.80			N/A		
317172.14	4835116.44	32	Acer negundo	Manitoba maple	11.0			g	g	g	4												N/A	X		X		1.80			N/A		
317171.36	4835123.71	33	Acer negundo	Manitoba maple	25.0	15,10,15		g	g	g	5												N/A	X		X		1.80			N/A		
317179.25	4835102.86	34	Ulmus pumila	Siberian elm	11.0			g	g	g	3								x				N/A			X		1.80			N/A		
317174.31	4835092.19	35	Populus deltoides	cottonwood	15.0	11,12,11		g	g	g	3		x	x									N/A			X		1.80			N/A		
317156.78	4835059.80	36	Ulmus pumila	Siberian elm	15.0			g	g	g	3						x		x				N/A			X		1.80			N/A		
317148.85	4835046.37	37	Populus deltoides	cottonwood	10.0	9.0		g	g	g	3		x	x									N/A			X		1.80			N/A		
317133.35	4835025.35	38	Populus deltoides	cottonwood	10.0			g	g	g	2												N/A			X		1.80			N/A		
317132.77	4835024.74	39	Populus deltoides	cottonwood	12.0			g	g	g	2								x	x			N/A			X		1.80			N/A		
317130.05	4835022.32	40	Robinia pseudoacacia	black locust	12.0			g	g	g	4												N/A			X		1.80			N/A		
317127.69	4835019.77	41	Populus deltoides	cottonwood	12.0			g	g	g	2												N/A			X		1.80			N/A		
317127.40	4835018.53	42	Acer negundo	Manitoba maple	12.0	10.0		g	g	g	2		x	x									N/A			X		1.80			N/A		
317126.83	4835015.43	43	Acer negundo	Manitoba maple	10.0			g	f	f	2												N/A			X		1.80			N/A		
317123.73	4835011.79	44	Acer negundo	Manitoba maple	10.0			g	g	g	2	10											N/A			X		1.80			N/A		
317120.39	4835004.33	45	Populus deltoides	cottonwood	22.0			g	g	g	4												N/A			X		1.80			N/A		
317119.88	4835003.30	46	Populus deltoides	cottonwood	38.0			g	g	g	5												1	X		X		2.40			N/A		
317107.76	4834995.97	47	Acer negundo	Manitoba maple	46.0			p	p	p	5	70											1	X		X		3.00		fallen over	N/A		
317108.10	4834991.29	48	Acer negundo	Manitoba maple	21.0			g	g	g	5				s,s								N/A			X		1.80			N/A		
317104.41	4834986.53	49	Acer negundo	Manitoba maple	23.0			g	g	g	2												N/A			X		1.80			N/A		
317103.73	4834986.27	50	Ailanthus altissima	tree of heaven	12.0			g	g	g	4												N/A			X		1.80			N/A		
317102.87	4834983.55	51	Acer negundo	Manitoba maple	12.0			g	g	g	4												N/A			X		1.80			N/A		
317100.81	4834983.45	52	Ailanthus altissima	tree of heaven	13.0			g	g	g	3												N/A			X		1.80			N/A		
317101.44	4834982.61	53	Ailanthus altissima	tree of heaven	16.0			g	g	g	3												N/A			X		1.80			N/A		
317100.08	4834981.62	54	Ailanthus altissima	tree of heaven	11.0			g	g	g	3												N/A			X		1.80			N/A		
317100.01	4834980.45	55	Ailanthus altissima	tree of heaven	15.0			g	g	g	3												N/A			X		1.80			N/A		

Project: TA8858
Client: Hatch
Collectors: LMC, JCN, JS, and CJA

Appendix A

Date: August 14, 15, 17, 20, 22, 27, 28, 29, September 4, 5, and November 20, 21 and 30 2018, May 21 and 22, 2020, and, July 29, 2021

Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone	
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree				
317098.53	4834978.50	56	Ailanthus altissima	tree of heaven	18.0	11,10		g	g	g	4												N/A			X				1.80			N/A	
317096.96	4834974.24	57	Ailanthus altissima	tree of heaven	12.0			g	g	g	4												N/A			X				1.80			N/A	
317094.63	4834972.37	58	Ailanthus altissima	tree of heaven	12.0			g	g	g	4												N/A			X				1.80			N/A	
317094.57	4834970.66	59	Acer negundo	Manitoba maple	13.0			g	g	g	4		x	x								x	N/A			X				1.80			N/A	
317094.79	4834970.49	60	Ailanthus altissima	tree of heaven	13.0			g	g	g	4												N/A			X				1.80			N/A	
317093.32	4834968.64	61	Acer negundo	Manitoba maple	15.0	12,11		g	g	g	4		x	x								x	N/A			X				1.80			N/A	
317093.20	4834972.23	62	Ailanthus altissima	tree of heaven	10.0			g	g	g	4												N/A			X				1.80			N/A	
317083.24	4834956.68	63	Acer negundo	Manitoba maple	10.0			g	g	g	4												N/A			X				1.80			N/A	
317082.11	4834955.44	64	Acer negundo	Manitoba maple	12.0			g	g	g	4												N/A			X				1.80			N/A	
317078.52	4834955.01	65	Ailanthus altissima	tree of heaven	11.0			g	g	g	3												N/A			X				1.80			N/A	
317076.49	4834950.03	66	Acer negundo	Manitoba maple	7.0			g	g	g	3												N/A			X				1.20			N/A	
317073.27	4834946.26	67	Acer negundo	Manitoba maple	14.0	12,10,10		g	g	g	3		x	x									N/A			X				1.80			N/A	
317067.47	4834943.78	68	Acer negundo	Manitoba maple	20.0			g	g	g	3	5											N/A			X				1.80			N/A	
317193.29	4835135.57	69	Populus deltoides	cottonwood	15.0	9.0		g	g	g	2		x	x						x			N/A			X				1.80			N/A	
317194.47	4835138.56	70	Populus deltoides	cottonwood	8.0			g	g	g	2												N/A			X				1.20			N/A	
317200.45	4835153.91	71	Populus deltoides	cottonwood	10.0	8,5,6		g	g	g	2												N/A			X				1.80			N/A	
317201.16	4835156.78	72	Populus deltoides	cottonwood	19.0	8,7,6		g	g	g	2												N/A			X				1.80			N/A	
317213.72	4835204.00	73	Populus deltoides	cottonwood	30.0	18,10,6		g	g	g	4												2			X				2.40			N/A	
317206.92	4835205.42	74	Acer negundo	Manitoba maple	15.0	9,8,7		g	g	g	4	5								x			5			X				1.80			N/A	
317200.46	4835211.70	75	Ailanthus altissima	tree of heaven	17.0			g	g	g	4												N/A	X		X				1.80			N/A	X
317203.29	4835182.31	76	Acer negundo	Manitoba maple	14.0	10,10		g	g	g	4		x	x									N/A			X				1.80			N/A	
317189.79	4835148.61	77	Acer negundo	Manitoba maple	12.0	12,10,8,9		g	g	g	4		x	x									N/A	X		X				1.80			N/A	
317187.57	4835147.43	78	Acer negundo	Manitoba maple	29.0			g	g	g	5		x	x									N/A	X		X				1.80			N/A	
317187.77	4835148.05	79	Acer negundo	Manitoba maple	29.0			g	g	g	5												N/A	X		X				1.80			N/A	
317186.97	4835145.48	80	Acer negundo	Manitoba maple	21.0	21,18		g	g	g	5	30	x	x					x			x	N/A	X		X				1.80			N/A	
317171.67	4835127.96	81	Acer negundo	Manitoba maple	14.0	13,11		g	g	g	3	10	x	x									N/A	X		X				1.80			N/A	X
317191.00	4835172.10	82	Ulmus pumila	Siberian elm	10.0			g	g	g	3							x					N/A	X		X				1.80			N/A	X
317221.81	4835240.89	83	Acer platanoides	Norway maple	15.0			g	g	g	3	10											N/A	X		X				1.80			N/A	
317221.05	4835241.00	84	Acer platanoides	Norway maple	21.0			g	g	g	3	20											N/A	X		X				1.80			N/A	
317220.34	4835243.38	85	Acer negundo	Manitoba maple	18.0	14,14,10,8		g	g	g	5		x	x									N/A	X		X				1.80			N/A	
317225.63	4835244.61	86	Malus sp.	apple	41.0	10.0		p	p	p	5								x			x	1	X		X				3.00			N/A	
317224.73	4835241.25	87	Acer negundo	Manitoba maple	20.0			f	f	f	4					l,s							N/A	X		X				1.80			N/A	
317225.44	4835238.54	88	Acer negundo	Manitoba maple	17.0			g	g	g	4					l,s							N/A	X		X				1.80			N/A	
317226.39	4835245.65	89	Malus sp.	apple	13.0			g	g	g	2												N/A	X		X				1.80			N/A	
317226.47	4835250.27	90	Acer negundo	Manitoba maple	16.0	16,15,14,12		g	g	g	5												N/A	X		X				1.80			N/A	
317220.06	4835248.54	91	Acer platanoides	Norway maple	28.0	18.0		g	g	g	5	10											N/A	X		X				1.80			N/A	
317218.97	4835253.02	92	Acer platanoides	Norway maple	36.0			g	g	g	4									x			1	X		X				2.40			N/A	
317219.70	4835253.40	93	Acer platanoides	Norway maple	15.0	8.0		f	g	g	4	10							x	x			N/A	X		X				1.80			N/A	
317222.93	4835258.57	94	Acer negundo	Manitoba maple	16.0	14,10,10		g	g	g	4		x	x									N/A	X		X				1.80			N/A	

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								Tl	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree			
317231.54	4835289.52	111	Acer platanoides	Norway maple	14.0			g	g	g	2												N/A	X		X			1.80			N/A	
317231.69	4835291.44	112	Acer platanoides	Norway maple	12.0			g	g	g	2												N/A	X		X			1.80			N/A	
317232.15	4835290.50	113	Acer platanoides	Norway maple	20.0			g	g	g	3												N/A	X		X			1.80			N/A	
317233.96	4835288.79	114	Acer platanoides	Norway maple	11.0			g	g	g	2												N/A	X		X			1.80			N/A	
317233.80	4835287.03	115	Acer platanoides	Norway maple	10.0			g	g	g	2											x	N/A	X		X			1.80			N/A	
317234.13	4835286.47	116	Acer platanoides	Norway maple	18.0	15,14		g	g	g	3		x	x									N/A	X		X			1.80			N/A	
317234.66	4835290.12	117	Acer platanoides	Norway maple	22.0	22,18,19,18		g	g	g	5		x	x								x	N/A	X		X			1.80			N/A	
317233.77	4835293.54	118	Acer platanoides	Norway maple	18.0			g	g	g	2												N/A	X		X			1.80			N/A	
317235.87	4835296.68	119	Acer platanoides	Norway maple	22.0			g	g	g	4												N/A	X		X			1.80			N/A	
317234.43	4835294.94	120	Acer platanoides	Norway maple	16.0			g	g	g	2												N/A	X		X			1.80			N/A	
317230.21	4835293.21	121	Acer platanoides	Norway maple	26.0			g	g	g	3											x	N/A	X		X			1.80			N/A	
317231.40	4835296.60	122	Acer platanoides	Norway maple	30.0			g	g	g	5	10											1	X		X			2.40			N/A	
317230.27	4835301.69	123	Acer negundo	Manitoba maple	16.0			f	f	f	2											x	N/A	X		X			1.80		shallow roots	N/A	
317237.91	4835300.64	124	Acer platanoides	Norway maple	21.0	17,18		g	g	g	5		x	x									N/A	X		X			1.80			N/A	
317236.69	4835302.05	125	Acer negundo	Manitoba maple	10.0			g	g	g	2	10											N/A	X		X			1.80			N/A	
317232.02	4835305.34	126	Acer negundo	Manitoba maple	13.0			g	g	g	3											x	N/A	X		X			1.80			N/A	
317230.46	4835304.15	127	Juglans nigra	black walnut	10.0			g	g	g	3												N/A	X		X			1.80			N/A	
317239.40	4835306.18	128	Ulmus pumila	Siberian elm	31.0	25,26,21		g	g	g	5												1	X		X			2.40			N/A	
317239.14	4835312.01	129	Acer negundo	Manitoba maple	22.0	21.0		g	g	g	5		x	x									N/A	X		X			1.80			N/A	
317241.01	4835313.04	130	Acer platanoides	Norway maple	14.0			g	g	g	5												N/A	X		X			1.80			N/A	
317237.81	4835311.91	131	Acer negundo	Manitoba maple	25.0	24,24		f	f	f	5	30					x	x	x				N/A	X		X			1.80			N/A	
317238.81	4835316.37	132	Acer platanoides	Norway maple	30.0			g	g	g	5												1	X		X			2.40			N/A	
317240.27	4835320.19	133	Acer negundo	Manitoba maple	13.0			g	g	g	4												N/A	X		X			1.80			N/A	
317239.63	4835320.83	134	Acer negundo	Manitoba maple	12.0			g	g	g	4												N/A	X		X			1.80			N/A	
317240.71	4835321.29	135	Acer negundo	Manitoba maple	11.0			g	g	g	4	10				l,s							N/A	X		X			1.80			N/A	
317240.96	4835324.66	136	Acer negundo	Manitoba maple	23.0			g	g	g	4	30				l,s			x		x		N/A	X		X			1.80			N/A	
317235.46	4835317.98	137	Acer negundo	Manitoba maple	10.0			g	g	g	3												N/A	X		X			1.80			N/A	
317236.71	4835324.07	138	Acer negundo	Manitoba maple	22.0			g	g	g	4												N/A	X		X			1.80			N/A	
317237.82	4835328.76	139	Acer negundo	Manitoba maple	11.0			g	g	g	3												N/A	X		X			1.80			N/A	
317238.28	4835328.50	140	Acer negundo	Manitoba maple	16.0			g	g	g	3		x	x					x				N/A	X		X			1.80			N/A	
317239.38	4835329.42	141	Acer negundo	Manitoba maple	13.0			g	g	g	3												N/A	X		X			1.80			N/A	
317237.32	4835329.73	142	Acer negundo	Manitoba maple	24.0			g	g	g	5												N/A	X		X			1.80			N/A	
317237.19	4835333.57	143	Acer negundo	Manitoba maple	11.0			g	g	g	3												N/A	X		X			1.80			N/A	
317238.98	4835333.76	144	Acer negundo	Manitoba maple	16.0	11.0		g	g	g	3		x	x									N/A	X		X			1.80			N/A	
317240.98	4835336.84	145	Acer negundo	Manitoba maple	18.0	15.1		g	g	g	5		x	x									N/A			X			1.80			N/A	
317240.78	4835340.47	146	Acer platanoides	Norway maple	42.0			g	g	g	7											x	2			X			3.00			N/A	
317241.85	4835348.55	147	Acer negundo	Manitoba maple	28.0			g	g	g	4	10											N/A	X		X			1.80			N/A	
317242.64	4835355.47	148	Acer negundo	Manitoba maple	11.0			g	g	g	2												N/A	X		X			1.80			N/A	
317244.37	4835359.81	149	Acer negundo	Manitoba maple	40.0	10.0		g	g	g	8		x	x	l,w		x						1	X		X			2.40			N/A	
317244.84	4835363.63	150	Acer negundo	Manitoba maple	25.0			g	g	g	7	10										x	N/A	X		X			1.80			N/A	
317245.84	4835369.10	151	Acer negundo	Manitoba maple	39.0			g	g	g	7	10										x											

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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree		
317250.47	4835404.12	166	Fraxinus pennsylvanica	red ash	29.0	27,15,19		p	p	p	6											x	x	x	N/A	X		X			1.80			N/A	
317252.61	4835403.88	167	Acer negundo	Manitoba maple	17.0			g	g	g	4														N/A	X		X			1.80			N/A	
317252.76	4835406.85	168	Acer negundo	Manitoba maple	48.0			g	g	g	6														1	X		X			3.00			N/A	
317248.95	4835411.86	169	Acer platanoides	Norway maple	22.0			g	g	g	4														N/A	X		X			1.80			N/A	
317249.91	4835416.59	170	Acer platanoides	Norway maple	28.0	27,25,24		g	g	g	8		x	x											N/A	X		X			1.80			N/A	
317246.92	4835416.44	171	Acer platanoides	Norway maple	10.0			g	g	g	3														N/A	X		X			1.80			N/A	
317249.94	4835419.69	172	Acer negundo	Manitoba maple	11.0			g	g	g	3														N/A	X		X			1.80			N/A	
317248.57	4835419.25	173	Acer negundo	Manitoba maple	15.0			g	g	g	3														N/A	X		X			1.80			N/A	
317251.62	4835418.22	174	Acer platanoides	Norway maple	27.0	9.0		g	g	g	5		x	x											N/A	X		X			1.80			N/A	
317250.57	4835425.26	175	Acer negundo	Manitoba maple	26.0			g	g	g	10														N/A	X		X			1.80			N/A	
317253.04	4835427.09	176	Acer negundo	Manitoba maple	25.0			g	g	g	6														N/A	X		X			1.80			N/A	
317252.00	4835424.95	177	Acer negundo	Manitoba maple	30.0			g	g	g	6														1	X		X			2.40			N/A	
317253.25	4835431.09	178	Acer negundo	Manitoba maple	32.0			g	g	g	6														1	X		X			2.40			N/A	
317253.88	4835433.02	179	Acer negundo	Manitoba maple	50.0			g	f	f	10	10	x	x											1	X		X			3.00			N/A	
317247.12	4835428.02	180	Acer negundo	Manitoba maple	39.0			g	g	g	8														1	X		X			2.40			N/A	
317249.66	4835439.73	181	Acer platanoides	Norway maple	34.0	29,34		g	g	g	8		x	x											1	X		X			2.40			N/A	
317251.81	4835444.90	182	Acer platanoides	Norway maple	23.0			g	g	g	6														N/A	X		X			1.80			N/A	
317253.35	4835445.52	183	Acer negundo	Manitoba maple	23.0	22.0		g	g	g	6		x	x											N/A	X		X			1.80			N/A	
317254.09	4835450.80	184	Acer negundo	Manitoba maple	35.0			g	g	g	6														1	X		X			2.40			N/A	
317255.66	4835446.93	185	Acer negundo	Manitoba maple	22.0			p	f	f	6	40													N/A	X		X			1.80			N/A	
317254.03	4835452.59	186	Acer negundo	Manitoba maple	15.0			p	p	p	2	70													N/A	X		X			1.80			N/A	
317254.56	4835459.14	187	Acer negundo	Manitoba maple	29.0	20,10		f	f	f	7		x	x			x	x							N/A	X		X			1.80			N/A	
317251.83	4835462.38	188	Acer negundo	Manitoba maple	25.0	17.0		g	g	g	7		x	x					x						N/A	X		X			1.80			N/A	
317257.62	4835471.25	189	Acer negundo	Manitoba maple	32.0			g	g	g	7														1	X		X			2.40			N/A	
317256.72	4835471.64	190	Acer negundo	Manitoba maple	36.0			g	g	g	7	10													1	X		X			2.40			N/A	
317257.35	4835474.58	191	Acer negundo	Manitoba maple	24.0			g	g	g	5														N/A	X		X			1.80			N/A	
317254.53	4835478.02	192	Acer negundo	Manitoba maple	42.0	32.0		f	f	f	10		x	x			x								1	X		X			3.00			N/A	
317257.78	4835482.48	193	Acer negundo	Manitoba maple	16.0			g	g	g	3						l,n								N/A	X		X			1.80			N/A	
317257.62	4835488.86	194	Acer negundo	Manitoba maple	44.0	38,16		g	g	g	6		x	x											1	X		X			3.00			N/A	
317255.03	4835487.38	195	Acer negundo	Manitoba maple	22.0			g	g	g	3						m,n								N/A	X		X			1.80			N/A	
317249.13	4835487.36	196	Acer negundo	Manitoba maple	27.0	25.0		g	g	g	3		x	x											N/A	X		X			1.80			N/A	
317249.05	4835488.11	197	Acer negundo	Manitoba maple	20.0	19.0		g	g	g	3		x	x				x							N/A	X		X			1.80			N/A	
317252.91	4835490.08	198	Acer negundo	Manitoba maple	32.0	29.0		g	g	g	6		x	x											1	X		X			2.40			N/A	
317257.13	4835495.95	199	Acer negundo	Manitoba maple	18.0	10,10,12		g	g	g	5		x	x											N/A	X		X			1.80			N/A	
317255.44	4835499.23	200	Acer negundo	Manitoba maple	31.0	16.0		g	g	g	5		x	x											1	X		X			2.40			N/A	
317254.61	4835502.24	201	Acer negundo	Manitoba maple	28.0	10.0		g	g	g	2		x	x											N/A	X		X			1.80			N/A	
317248.90	4835498.46	202	Acer negundo	Manitoba maple	11.0			g	g	g	3														N/A	X		X			1.80			N/A	
317250.12	4835499.94	203	Acer negundo	Manitoba maple	22.0			g	g	g	3														N/A	X		X			1.80			N/A	
317255.16	4835502.44	204	Acer negundo	Manitoba maple	24.0	22,18,10		p	f	f	3						x		x	x					N/A	X		X			1.80			N/A	
317255.85																																			

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317256.97	4835518.21	221	Ailanthus altissima	tree of heaven	25.0			g	g	g	3												N/A	X		X				1.80			N/A	
317258.89	4835518.14	222	Ailanthus altissima	tree of heaven	20.0			p	g	g	3												N/A	X		X				1.80		girdled	N/A	
317259.63	4835520.54	223	Ailanthus altissima	tree of heaven	22.0			p	g	g	3												N/A	X		X				1.80		girdled	N/A	
317258.64	4835520.44	224	Acer negundo	Manitoba maple	13.0			g	g	g	2												N/A	X		X				1.80			N/A	
317259.77	4835521.98	225	Acer negundo	Manitoba maple	15.0			g	g	g	2												N/A			X				1.80			N/A	
317258.90	4835522.17	226	Acer negundo	Manitoba maple	22.0			g	g	g	2												N/A	X		X				1.80			N/A	
317259.48	4835529.49	227	Ailanthus altissima	tree of heaven	26.0			g	g	g	2												N/A	X		X				1.80			N/A	
317258.08	4835529.70	228	Ailanthus altissima	tree of heaven	29.0			g	g	g	3												N/A	X		X				1.80			N/A	
317256.89	4835529.54	229	Acer negundo	Manitoba maple	10.0			g	g	g	2	10										x	N/A	X		X				1.80			N/A	
317259.60	4835532.48	230	Ailanthus altissima	tree of heaven	26.0			g	g	g	3												N/A	X		X				1.80			N/A	
317259.42	4835533.59	231	Prunus sp.	cherry	36.0			f	f	f	5		x	x			x	x				x	1	X		X				2.40			N/A	
317256.96	4835534.39	232	Acer negundo	Manitoba maple	27.0	22,26		g	g	g	5		x	x									N/A	X		X				1.80			N/A	
317250.52	4835532.52	233	Ailanthus altissima	tree of heaven	15.0			g	g	g	4												N/A	X		X				1.80			N/A	X
317252.02	4835530.23	234	Acer negundo	Manitoba maple	16.0			g	f	f	4	10				l,n							N/A	X		X				1.80			N/A	
317249.65	4835529.93	235	Ailanthus altissima	tree of heaven	21.0			g	g	g	4												N/A	X		X				1.80			N/A	X
317249.34	4835532.62	236	Ailanthus altissima	tree of heaven	14.0			g	g	g	4												N/A	X		X				1.80			N/A	X
317249.43	4835537.56	237	Ailanthus altissima	tree of heaven	19.0			g	g	g	4												N/A	X		X				1.80			N/A	X
317250.14	4835540.24	238	Acer negundo	Manitoba maple	29.0	18.0		g	g	g	7	10	x	x									N/A	X		X				1.80			N/A	X
317251.09	4835540.68	239	Acer negundo	Manitoba maple	29.0			f	f	f	7											x	N/A	X		X		girdled by fence		1.80			N/A	X
317249.01	4835498.66	240	Acer negundo	Manitoba maple	21.0			g	g	g	5												N/A	X		X				1.80			N/A	
317250.29	4835501.87	241	Acer negundo	Manitoba maple	22.0	19.0		g	g	g	5		x	x									N/A	X		X				1.80			N/A	
317258.02	4835574.69	242	Acer negundo	Manitoba maple	30.0	16.0		g	g	g	5	10	x	x									1	X		X				2.40			N/A	
317256.63	4835587.91	243	Acer negundo	Manitoba maple	32.0	25.0		f	f	f	5		x	x									1	X		X				2.40			N/A	
317258.88	4835595.65	244	Acer negundo	Manitoba maple	31.0			g	g	g	5											x	1	X		X				2.40			N/A	
317259.33	4835609.03	245	Acer negundo	Manitoba maple	33.0			f	f	f	5		x	x							x	x	1	X		X				2.40			N/A	
317263.42	4835630.61	246	Acer negundo	Manitoba maple	36.0			g	g	g	7	10				l,n				x			1	X		X				2.40			N/A	
317260.02	4835648.61	247	Acer negundo	Manitoba maple	30.0			g	g	g	6												1	X		X				2.40			N/A	X
317262.04	4835660.92	248	Acer negundo	Manitoba maple	30.0	27.0		g	g	g	6	10	x	x	l,n						x	x	1	X		X				2.40			N/A	X
317259.61	4835662.95	249	Acer negundo	Manitoba maple	35.0			g	g	g	6	10	x	x	l,n						x		1	X		X				2.40			N/A	X
317269.24	4835705.62	250	Acer negundo	Manitoba maple	32.0	24,18		p	p	p	6	90	x	x								x	1	X		X		only epicormic shoots		2.40			N/A	
317272.47	4835713.77	251	Acer negundo	Manitoba maple	32.0	24,18		g	g	g	10	10	x	x									1	X		X				2.40			N/A	
317275.51	4835775.25	252	Acer negundo	Manitoba maple	30.0	37,24,18		g	g	g	10	10	x	x						x			1	X		X				2.40			N/A	X
317285.06	4835826.83	253	Ulmus pumila	Siberian elm	54.0	18.0		g	g	f	8	30	x	x				x					1	X		X				3.60			N/A	
317294.90	4835861.96	254	Ulmus pumila	Siberian elm	34.0	33.0		f	f	f	10	10	x	x				x					1	X		X				2.40			N/A	
317306.93	4835907.87	255	Ailanthus altissima	tree of heaven	30.0	30,15,25,24		g	g	g	8		x	x									1	X		X				2.40			N/A	
317316.50	4835954.24	256	Ailanthus altissima	tree of heaven	31.0	30,25		g	g	g	8		x	x									1	X		X				2.40			N/A	
317318.59	4835961.72	257	Acer negundo	Manitoba maple	30.0	24,28,25,25		g	g	g	8		x	x									1	X		X				2.40			N/A	
317322.28	4835972.73	258	Juglans nigra	black walnut	30.0	25.0		g	g	g	8		x	x					x				1	X		X				2.40			N/A	
317321.18	4835975.53	259	Ailanthus altissima	tree of heaven	42.0	28.0																												

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Appendix A

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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION														Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone				
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure				Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree	
317401.93	4836174.88	276	Acer negundo	Manitoba maple	40.0			p	p	p	5	98										x		2			X			2.40		only epicormic shoots	N/A	
317419.92	4836210.20	277	Acer negundo	Manitoba maple	43.0			g	g	g	5	10	x	x										2			X			3.00			N/A	
317469.98	4836322.05	278	Acer negundo	Manitoba maple	30.0	18.0		f	f	f	6	10	x	x	m,s									1	X		X			2.40			N/A	X
317472.69	4836325.75	279	Acer negundo	Manitoba maple	32.0	30.0		f	f	f	6		x	x			x						x	1	X		X			2.40			N/A	
317481.34	4836340.55	280	Acer negundo	Manitoba maple	37.0			f	f	f	7												x	1	X		X			2.40			N/A	
317483.08	4836343.65	281	Acer negundo	Manitoba maple	30.0	14.0		g	g	g	5		x	x										1	X		X			2.40			N/A	
317486.86	4836353.76	282	Acer negundo	Manitoba maple	32.0	16.0		g	g	g	5					l,e								1	X		X			2.40			N/A	X
317551.72	4836460.07	283	Acer negundo	Manitoba maple	40.0			f	f	f	5		x	x										2			X			2.40		girdled by fence	N/A	X
317559.43	4836471.45	284	Acer platanoides	Norway maple	31.0			g	g	g	5													2			X			2.40			N/A	X
317561.75	4836472.45	285	Acer negundo	Manitoba maple	51.0	15,25,30,18		p	f	f	10		x	x							x	x	x	2			X			3.60			N/A	X
317598.33	4836525.72	286	Acer negundo	Manitoba maple	31.0	27.0		f	f	f	5		x	x									x	2			X			2.40		leader dead	N/A	X
317637.17	4836574.82	287	Ulmus pumila	Siberian elm	36.0			p	p	p	6	20				s,s							x	2			X			2.40			N/A	X
317660.98	4836609.65	288	Acer negundo	Manitoba maple	41.0	26,25		f	f	f	8		x	x									x	1	X	X			tree in conflict with grading limits	3.00		girdled by fence	C	X
317714.69	4836667.46	289	Acer negundo	Manitoba maple	30.0	5,5,8		f	f	f	4		x	x									x	2				X	gradling limits within 5% TPZ	2.40		girdled by fence	C	X
317789.27	4836743.89	290	Ailanthus altissima	tree of heaven	30.0	26.0		f	f	f	5		x	x									x	1	X			X	gradling limits within 5% TPZ	2.40		girdled by fence	C	X
317801.79	4836756.22	291	Acer negundo	Manitoba maple	33.0			p	p	f	5	10									x	x		1	X	X			grading limits 10 cm from tree	2.40		girdled by fence	C	X
317825.40	4836776.37	292	Acer negundo	Manitoba maple	75.0			p	f	g	10	10	x	x									x	1	X	X			grading limits 10 cm from tree	4.80		girdled by fence	C	
317862.56	4836808.63	293	Acer negundo	Manitoba maple	33.0	27,22,18,12		g	g	g	8		x	x									x	1	X	X			tree in conflict with grading limits	2.40			C	
317866.21	4836811.25	294	Acer negundo	Manitoba maple	33.0			g	g	g	8					l,s								1	X	X			tree in conflict with grading limits	2.40			C	
317872.35	4836816.94	295	Acer negundo	Manitoba maple	39.0	31.0		f	g	g	8		x	x									x	1	X	X			tree in conflict with grading limits	2.40		through fence	C	
317880.92	4836822.97	296	Acer negundo	Manitoba maple	32.0			g	g	g	8	10				l,s								1	X			X	grading limits ~60 cm from tree	2.40		through fence	C	
317881.91	4836823.13	297	Acer negundo	Manitoba maple	36.0			f	g	g	8		x	x									x	1	X			X	grading limits within 10% TPZ	2.40		gridled by fence	C	
317888.85	4836830.48	298	Ulmus americana	white elm	36.0			f	f	f	7												x	1	X	X			tree in conflict with grading limits	2.40		girdled by fence	C	
317892.26	4836829.26	299	Acer negundo	Manitoba maple	37.0			p	g	g	7	10	x	x							x		x	2			X			2.40			C	
317894.71	4836831.32	300	Acer negundo	Manitoba maple	32.0	16.0		p	p	p	7	30	x	x							x			2			X			2.40		girdled by fence	C	
317898.30	4836836.30	301	Ailanthus altissima	tree of heaven	42.0			p	f	f	9	10	x	x										1	X			X	grading limits within 5% TPZ	3.00		girdled by fence	C	
317907.91	4836844.12	302	Ulmus americana	white elm	44.0			g	g	g	8			x										1	X			X	grading limits within 5% TPZ	3.00			C	
317912.49	4836844.47	303	Acer negundo	Manitoba maple	31.0			g	g	g	5		x	x									x	2			X			2.40			C	
317923.17	4836855.66	304	Juglans nigra	black walnut	41.0			g	g	g	6													1	X		X			3.00			C	
317940.78	4836869.64	305	Acer negundo	Manitoba maple	30.0			g	g	g	6													1	X		X			2.40		girdled	C	
317987.27	4836903.20	306	Acer negundo	Manitoba maple	30.0			p	g	g	5	10				l,s								1	X		X			2.40			C	
317992.26	4836905.40	307	Acer negundo	Manitoba maple	32.0			f	f	f	5	20				s,n								1	X		X			2.40		girdled by fence	C	
318019.59	4836924.97	308	Acer negundo	Manitoba maple	38.0			g	g	g	5					l,m								1	X		X			2.40			C	
318052.90	4836950.11	309	Acer negundo	Manitoba maple	42.0	20,36		g	g	g	5													1	X		X			3.00			C	
318051.83	4836945.66	310	Acer negundo	Manitoba maple	35.0			g	g	g	5													1	X		X			2.40			C	
318052.40	4836949.05	311	Acer negundo	Manitoba maple	36.0			g	g	g	5													1	X		X			2.40			C	
318059.76	4836951.51	312	Acer negundo	Manitoba maple	35.0			g	g	g	7													1	X		X			2.40			C	
318066.76	4836958.31	313	Acer negundo	Manitoba maple	31.0			g	g	g	7													1	X		X			2.40			C	
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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure				Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree													
318152.36	4837043.44	331	Acer negundo	Manitoba maple	30.0	8.0		g	f	f	6	10											1	X	X			tree in conflict with retaining wall	2.40		grapevine competition	C	X													
318129.30	4837031.91	332	Acer negundo	Manitoba maple	30.0	30.0		g	g	g	6		x	x								x	2		X			tree in conflict with temporay easement	2.40			C														
318123.12	4837027.66	333	Acer negundo	Manitoba maple	35.0	22,18		f	f	f	8	30	x	x								x	2		X			tree in conflict with temporay easement	2.40			C														
318072.37	4836996.36	334	Acer negundo	Manitoba maple	32.0			g	g	g	8		x	x								x	1	X	X			tree in conflict with grading limits	2.40		girdled by fence	C	X													
318068.56	4836994.17	335	Acer negundo	Manitoba maple	38.0	15.0		p	p	p	8	30	x	x								x	1	X		X		girdled by fence	2.40			C	X													
318063.22	4836990.84	336	Ulmus americana	white elm	47.0			f	g	g	10			x	x							x	1	X			X	grading limits with 20% TPZ	3.00			C	X													
318059.84	4836987.97	337	Acer platanoides	Norway maple	33.0			g	g	g	6												1	X	X			tree in conflict with grading limits	2.40			C	X													
318058.53	4836986.90	338	Acer negundo	Manitoba maple	34.0			f	g	g	6		x	x								x	1	X	X			tree in conflict with grading limits	2.40		girdled by fence	C	X													
318054.27	4836985.79	339	Ailanthus altissima	tree of heaven	30.0	11.0		g	g	g	6		x	x									1	X	X			tree in conflict with retaining wall	2.40			C														
318043.77	4836979.26	340	Acer negundo	Manitoba maple	37.0			g	g	f	8	30											1	X	X			tree in conflict with retaining wall	2.40			C														
318012.42	4836962.12	341	Acer negundo	Manitoba maple	31.0			g	f	f	3					s,n						x		1	X	X			grading limits ~30 cm from tree	2.40			C													
317998.04	4836954.01	342	Acer negundo	Manitoba maple	32.0			g	g	g	5		x	x									1	X		X				2.40			C													
317981.95	4836942.71	343	Acer negundo	Manitoba maple	40.0	37.0		p	f	f	5		x	x								x	1	X		X			one stem dead	2.40			C													
317980.29	4836941.13	344	Acer negundo	Manitoba maple	36.0	32,14		p	p	p	9											x	1	X		X				2.40			C													
317981.18	4836938.76	345	Acer negundo	Manitoba maple	40.0	36,37,27		p	p	p	3											x	1	X	X			tree in conflict with grading limits	2.40			C														
317977.56	4836939.02	346	Acer negundo	Manitoba maple	40.0	30.0		p	p	p	3												1	X		X				2.40			C													
317818.18	4836805.71	347	Ulmus pumila	Siberian elm	32.0	25,28,17		g	g	g	8	10	x	x									1	X	X			tree in conflict with grading limits	2.40			C	X													
317816.02	4836803.62	348	Acer negundo	Manitoba maple	31.0	26,21,28,15,15		f	g	g	8			x	x	l,e						x		1	X	X			tree in conflict with grading limits	2.40			C	X												
		349	Tree Number Not Assigned.																																											
317802.72	4836793.65	350	Acer negundo	Manitoba maple	31.0	29.0		f	g	g	8		x	x									1	X	X			tree in conflict with grading limits	2.40			C														
317795.53	4836791.28	351	Acer negundo	Manitoba maple	100.0			p	f	f	12		x	x								x	1	X			X	gradling limits within 5% TPZ	6.00		girdled by fence	C														
317789.77	4836788.26	352	Acer negundo	Manitoba maple	30.0			g	g	g	5					l,w							1	X		X				2.40			C													
317792.58	4836782.77	353	Acer negundo	Manitoba maple	36.0	31,24,15		f	g	g	5		x	x								x	1	X	X			tree in conflict with grading limits	2.40			C	X													
317784.67	4836771.41	354	Acer negundo	Manitoba maple	31.0	15.0		f	g	g	5		x	x			x					x	1	X	X			tree in conflict with grading limits	2.40			C	X													
317781.26	4836770.48	355	Acer negundo	Manitoba maple	38.0			g	g	g	5												1	X	X			tree in conflict with grading limits	2.40			C	X													
317771.18	4836763.68	356	Acer negundo	Manitoba maple	35.0	23.0		g	g	g	5		x	x									1	X	X			tree in conflict with grading limits	2.40			C														
317766.44	4836753.57	357	Acer negundo	Manitoba maple	32.0			g	g	g	5												1	X	X				2.40			C	X													
317531.45	4836473.17	358	Ailanthus altissima	tree of heaven	30.0			g	g	g	5												1	X		X				2.40			N/A	X												
317513.45	4836447.57	359	Ailanthus altissima	tree of heaven	50.0	40.0		f	f	f	10	30	x	x								x	2			X				3.00			N/A	X												
318195.31	4837065.49	360	Morus alba	white mulberry	19.0	15,5		g	g	g	4	10	x	x									1,2	X	X			tree in conflict with retaining wall	1.80		boundary tree	C	X													
318198.92	4837067.68	361	Acer negundo	Manitoba maple	18.0	4.0		g	g	g	4												1,2	X	X			tree in conflict with retaining wall	1.80		boundary tree	C	X													
318200.18	4837068.30	362	Acer negundo	Manitoba maple	30.0	20.0		g	f	f	4	30	x	x									1	X	X			tree in conflict with retaining wall	2.40			C	X													
318206.17	4837068.98	363	Acer negundo	Manitoba maple	39.0	7,6		f	f	f	6	10	x	x								x	1	X	X			tree in conflict with retaining wall	2.40			C	X													
318222.63	4837081.15	364	Acer negundo	Manitoba maple	18.0	18,15,6,18		g	g	g	6		x	x									N/A	X	X			tree in conflict with retaining wall	1.80			C	X													
318231.72	4837086.27	365	Acer negundo	Manitoba maple	15.0			g	g	g	6					m,n							1,2	X	X			tree in conflict with retaining wall	1.80		boundary tree	C	X													
318253.35	4837099.06	366	Acer saccharinum	silver maple	65.0			g	g	g	10		x	x								x	2				X	retaining wall within 12% TPZ	4.20		private tree	C														
318262.58	4837103.54	367	Ailanthus altissima	tree of heaven	14.0			p	p	p	2												N/A	X	X			tree in conflict with retaining wall	1.80			C	X													
318283.56	4837115.78	368	Ulmus pumila	Siberian elm	27.0			f	f	f	3					l,n							1,2	X	X			retaining wall within 10cm tree	1.80		boundary tree	C	X													
318594.19	4837285.48	369	Ulmus pumila	Siberian elm	31.0			g	g	g	5																																			

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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree
318828.29	4837417.14	386	Quercus rubra	red oak	30.0	16.0		g	g	g	4		x	x									1	X		X			2.40			C	
318840.51	4837423.07	387	Quercus rubra	red oak	30.0			g	g	g	4												1	X			X	grading limits within 15% TPZ	2.40			C	
318856.39	4837440.35	388	Quercus alba	white oak	70.0			g	g	g	10												3			X			4.20		beyond fence	C	
318861.29	4837440.30	389	Ulmus americana	white elm	21.0			f	g	g	5												1,2	X		X			1.80		boundary tree, girdled by fence	C	
318863.81	4837435.11	390	Prunus serotina	black cherry	30.0	17.0		g	g	g	5												1	X	X			tree in conflict with grading limits	2.40			C	
318864.32	4837443.63	391	Ulmus americana	white elm	15.0	12,8		f	g	g	5		x	x									1,3	X		X			1.80		boundary tree, girdled by fence	C	
318867.74	4837442.61	392	Prunus serotina	black cherry	30.0			g	g	f	4	30											1	X		X			2.40			C	
318871.40	4837441.77	393	Prunus serotina	black cherry	31.0			f	f	p	4	40									x		1	X			X	grading limits within 15% TPZ	2.40		at base	C	
318881.27	4837451.06	394	Acer negundo	Manitoba maple	30.0			g	g	g	4												2			X			2.40			C	
318888.04	4837453.47	395	Juglans nigra	black walnut	32.0			g	g	g	4												1	X		X			2.40		thicket creeper competition	C	
318888.12	4837454.44	396	Acer negundo	Manitoba maple	35.0	18,10		f	g	g	4	10	x	x									1	X		X			2.40		thicket creeper competition	C	
318891.77	4837455.71	397	Juglans nigra	black walnut	41.0			g	g	g	8												1	X			X	grading limits within 10% TPZ	3.00			C	
318926.78	4837469.29	398	Acer negundo	Manitoba maple	31.0			g	g	g	7	10											1	X	X			tree in conflict with grading limits	2.40			C	
318937.69	4837482.68	399	Fraxinus pennsylvanica	red ash	19.0			p	p	p	4					s,s							N/A	X		X			1.80			C	
318937.34	4837478.78	400	Fraxinus pennsylvanica	red ash	12.0			f	f	f	3												N/A	X		X			1.80			C	
318941.81	4837484.20	401	Ulmus americana	white elm	17.0			f	g	g	3												N/A	X		X			1.80		girdled by fence	C	
318944.16	4837476.73	402	Acer negundo	Manitoba maple	34.0	25.0		g	g	g	6		x	x									1	X	X			tree in conflict with grading limits	2.40			C	
318945.08	4837484.91	403	Acer negundo	Manitoba maple	11.0			g	g	g	3												N/A	X		X			1.80			C	
318956.95	4837481.65	404	Juglans nigra	black walnut	30.0	27.0		g	g	g	4		x	x									1	X	X			grading limits ~40 from tree	2.40			C	X
318955.52	4837484.31	405	Ailanthus altissima	tree of heaven	30.0			g	g	g	4												1	X		X			2.40			C	
318955.50	4837488.35	406	Acer saccharinum	silver maple	31.0			g	g	g	4												1	X		X			2.40			C	
318960.03	4837490.56	407	Juglans nigra	black walnut	30.0	21.0		g	g	g	4		x	x									1	X		X			2.40			C	
318975.39	4837498.66	408	Juglans nigra	black walnut	32.0	31.0		g	g	g	4		x	x									1	X		X			2.40			C	
318977.22	4837503.35	409	Juglans nigra	black walnut	30.0	28.0		g	g	g	4												1	X		X			2.40			C	
318980.97	4837503.74	410	Ulmus americana	white elm	30.0	25,18		f	f	f	4	30	x	x									1	X		X			2.40			C	
318984.26	4837507.42	411	Ulmus americana	white elm	32.0			g	g	g	4												1	X		X			2.40		shallow surface roots	C	
318977.78	4837502.89	412	Juglans nigra	black walnut	35.0	30,18		f	g	g	4		x	x									1	X		X			2.40			C	
318998.55	4837506.90	413	Acer negundo	Manitoba maple	32.0	18,6		f	f	f	6	30	x	x						x			1	X		X			2.40			C	
318999.20	4837514.35	414	Acer negundo	Manitoba maple	35.0	18,29		p	p	f	10		x	x		s,n					x		1	X		X			2.40			C	
319000.02	4837514.58	415	Acer negundo	Manitoba maple	34.0			f	g	g	8					s,s							1	X		X			2.40			C	
319011.73	4837515.01	416	Acer negundo	Manitoba maple	34.0	33.0		f	g	g	8		x	x		s,w							1	X		X			2.40			C	
319013.61	4837514.81	417	Ulmus pumila	Siberian elm	32.0	10.0		f	g	g	5		x										1	X		X			2.40		grapevine competition	C	
319019.08	4837523.85	418	Ulmus americana	white elm	13.0			g	g	g	4								x				N/A	X		X			1.80			C	
319064.89	4837542.49	419	Juglans nigra	black walnut	31.0	28.0		g	g	g	6		x	x									1	X	X			tree in conflict with grading limits	2.40			C	
319066.31	4837547.56	420	Ulmus americana	white elm	16.0	14.0		g	g	g	5		x	x									N/A	X	X			grading limits 20 cm from tree	1.80			C	
319071.64	4837544.96	421	Ulmus americana	white elm	30.0	8,9		g	g	g	5												1	X	X			tree in conflict with grading limits	2.40			C	
319071.00	4837546.71	422	Acer negundo	Manitoba maple	30.0	21.0		f	f	f	5		x	x		l,s							1	X	X			tree in conflict with grading limits	2.40			C	
319078.56	4837548.68	423	Ulmus pumila	Siberian elm	31.0			g	g	g	5												1	X	X			tree in conflict with grading limits	2.40			C	
319085.27	4837555.99	424	Acer negundo	Manitoba maple	33.0			f	f	g	5					s,w							1	X	X			tree in conflict with grading limits	2.40			C	
319089.56	4837552.72	425	Acer negundo	Manitoba maple	39																												

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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION														Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury				TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
319236.81	4837638.68	441	Ulmus pumila	Siberian elm	11.0	9,5		f	f	f	2	30						x																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree	
319574.62	4837863.31	496	Quercus rubra	red oak	19.0	9.0		g	g	g	9												4			X				3.60		C		
319573.92	4837861.83	497	Ulmus americana	white elm	5.0			g	g	g	2												4			X				1.20		C		
319582.67	4837862.57	498	Quercus rubra	red oak	5.0			g	g	g	2												4			X				1.20		C		
319583.18	4837865.24	499	Acer saccharum ssp. saccharum	sugar maple	6.0			g	g	g	2												4			X				1.20		C		
319585.25	4837867.28	500	Pinus strobus	white pine	9.0			g	g	g	2												4			X				1.20		C		
319580.10	4837869.43	501	Acer saccharum ssp. saccharum	sugar maple	43.0			g	g	g	9					l,s							4			X				6.00		C		
319580.17	4837873.67	502	Acer platanoides	Norway maple	82.0			g	g	g	12												4			X				10.80		C		
319586.60	4837873.00	503	Acer saccharum ssp. saccharum	sugar maple	7.0	6.0		g	g	g	3		x	x									4			X				1.20		C		
319585.26	4837874.19	504	Acer saccharum ssp. saccharum	sugar maple	5.0			g	g	g	1												4			X				1.20		C		
319584.61	4837874.68	505	Acer saccharum ssp. saccharum	sugar maple	6.0			g	g	g	1												4			X				1.20		C		
319587.63	4837877.52	506	Quercus rubra	red oak	77.0			g	g	g	12										x		4			X				9.60		C		
319592.88	4837881.78	507	Quercus rubra	red oak	107.0			f	f	f	12	30							x	x			4			X				12.84		C		
319598.47	4837879.34	508	Acer negundo	Manitoba maple	10.0			p	p	p	3	90											4			X				3.60		C		
319596.61	4837877.88	509	Acer negundo	Manitoba maple	10.0			g	f	f	3					l,s						x	4			X				3.60		C		
319597.64	4837874.12	510	Fraxinus pennsylvanica	red ash	6.0			f	f	f	3												x	4			X			1.20		C		
319602.86	4837874.15	511	Fraxinus pennsylvanica	red ash	5.0			g	g	g	3												4			X				1.20		C		
319599.52	4837866.43	512	Fraxinus pennsylvanica	red ash	12.0			g	g	g	3												4			X				3.60		C		
319601.10	4837861.98	513	Fraxinus pennsylvanica	red ash	9.0			p	p	p	3											x	x	4			X			1.20		C		
319605.18	4837862.86	514	Salix sp.	willow	38.0	36.0		g	g	g	8		x	x						x			4			X				4.80		C		
319605.97	4837859.48	515	Acer saccharinum	silver maple	12.0	10.0		g	g	g	4		x	x									4			X				3.60		C		
319603.10	4837855.25	516	Fraxinus pennsylvanica	red ash	14.0			p	p	p	4											x	x	4	X		X			3.60		C		
319608.92	4837854.20	517	Juglans nigra	black walnut	16.0			g	g	g	4												4	X	X			tree in conflict with grading limits		3.60		C		
319605.65	4837844.89	518	Tilia americana	basswood	9.0			g	g	g	3												4	X	X			tree in conflict with grading limits		1.20		C		
319597.60	4837849.77	519	Acer negundo	Manitoba maple	71.0			p	p	p	10							x	x	x			4	X			X	grading limits within 20% TPZ		9.60		C		
319596.01	4837847.72	520	Tilia americana	basswood	95.0			g	g	g	4												4	X			X	grading limits within 20% TPZ		12.00		C		
319593.44	4837849.00	521	Quercus rubra	red oak	51.0			g	g	g	6												4				X	grading limits within 28% TPZ		7.20		C		
319591.25	4837856.71	522	Quercus rubra	red oak	12.0			g	g	g	5												4			X				3.60		C		
319589.12	4837859.72	523	Quercus rubra	red oak	13.0	5.0		g	g	g	5		x	x									4			X				3.60		C		
319591.02	4837863.12	524	Quercus rubra	red oak	34.0	32.0		g	g	g	8												4			X				4.80		C		
319614.97	4837855.90	525	Acer saccharinum	silver maple	19.0	9.0		g	g	g	4												4	X	X			tree in conflict with grading limits		3.60		C		
319612.29	4837858.01	526	Fraxinus pennsylvanica	red ash	10.0			p	p	p	2											x	x	4	X	X			tree in conflict with grading limits		3.60		C	
319621.66	4837870.24	527	Salix sp.	willow	85.0	47.0		f	f	f	7	10	x	x					x	x			4	X		X				10.80		C		
319618.92	4837871.53	528	Acer saccharinum	silver maple	16.0	5.0		g	g	g	4												4	X		X				3.60		C		
319609.59	4837867.82	529	Fraxinus pennsylvanica	red ash	7.0			p	p	p	2					s,w						x	x	4			X			1.20		C		
319608.39	4837872.16	530	Fraxinus pennsylvanica	red ash	8.0			p	p	p	2												x	x	4			X		1.20		C		
320051.35	4838115.06	531	Ulmus pumila	Siberian elm	43.0			p	p	p	8	10				l,n							2			X				3.00		B		
320066.41	4838128.72	532	Ulmus pumila	Siberian elm	49.0	55.0		g	g	g	8	10	x	x						x		x	2			X				3.00		B		
320065.06	4838133.42	533	Acer negundo	Manitoba maple	44.0			f	f	f	8												2			X				3.00		B		
320071.05	4838137.62	534	Acer platanoides	Norway maple	36.0			g	g	g	8												2			X				2.40		B		
320078.92	4838119.79	535	Ulmus pumila	Siberian elm	30.0			g	g	g	8												1	X		X				2.40		B		
320080.77	4838130.77	536	Ulmus pumila	Siberian elm	30.0			g	g	g	8												1	X		X				2.40		B		
320078.73	4838134.66	537																																

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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree	
320157.44	4838157.45	551	Juglans nigra	black walnut	31.0			g	g	g	5													1	X		X			2.40				
320161.91	4838178.57	552	Acer negundo	Manitoba maple	45.0	32.0		p	g	g	10								x	x				2			X			3.00		exposed root flare	B	
320155.06	4838175.46	553	Juglans nigra	black walnut	35.0			g	g	g	8													2			X			2.40			B	
320147.89	4838168.13	554	Acer platanoides	Norway maple	40.0			g	g	g	10													2			X			2.40			B	
320167.47	4838171.88	555	Acer platanoides	Norway maple	32.0			g	g	g	8											x		1	X		X			2.40			B	
320205.76	4838170.62	556	Ulmus pumila	Siberian elm	30.0	20,10		g	g	g	8		x	x										1	X		X			2.40			B	
320214.07	4838169.61	557	Populus alba	white poplar	30.0			g	g	g	4		x	x										1	X		X			2.40			B	
320218.50	4838169.81	558	Populus alba	white poplar	30.0			g	g	g	4													1	X	X		tree in conflict with grading limits	2.40			B		
320239.89	4838194.04	559	Populus alba	white poplar	41.0			f	g	g	7				l,s									1	X		X			3.00			B	
320253.58	4838201.64	560	Acer platanoides	Norway maple	31.0	16.0		g	g	g	8		x	x										1	X		X			2.40			B	
320290.31	4838216.22	561	Acer negundo	Manitoba maple	45.0			f	g	g	8				l,s				x	x	x			1	X		X			3.00			B	
320291.67	4838212.42	562	Ulmus pumila	Siberian elm	33.0			g	g	g	7				l,s		x							1	X		X			2.40			B	
320300.57	4838224.33	563	Acer negundo	Manitoba maple	37.0			g	g	g	7													1	X		X			2.40			B	
320338.35	4838229.56	564	Juglans nigra	black walnut	33.0			g	g	g	8													1	X	X		tree in conflict with retaining wall construction	2.40			B	X	
320346.13	4838235.82	565	Juglans nigra	black walnut	34.0			g	g	g	8		x	x								x		1	X	X		tree in conflict with retaining wall	2.40			B	X	
320364.98	4838256.13	566	Acer negundo	Manitoba maple	35.0			f	f	f	8				s,s					x		x		1	X		X			2.40		grapevine competition	B	
320367.74	4838255.50	567	Acer negundo	Manitoba maple	33.0			f	f	f	8	30			s,s									1	X		X			2.40		grapevine competition	B	
320374.94	4838258.82	568	Acer negundo	Manitoba maple	33.0	29,15,18		p	p	p	8		x	x	s,s					x				1	X		X			2.40			B	
320378.88	4838263.24	569	Acer negundo	Manitoba maple	35.0	23,27,12		g	g	g	8	10										x		1	X		X			2.40			B	
320379.81	4838261.01	570	Acer platanoides	Norway maple	35.0			g	g	g	8		x	x										1	X		X			2.40			B	
320404.90	4838276.14	571	Acer platanoides	Norway maple	35.0			g	g	g	8													1	X		X			2.40			B	
320416.65	4838275.57	572	Acer platanoides	Norway maple	30.0	24.0		f	g	g	8		x	x										1	X	X		tree in conflict with retaining wall	2.40		one stem dead	B		
320469.02	4838307.71	573	Acer negundo	Manitoba maple	48.0			g	g	g	10													1	X	X		tree in conflict with grading limits	3.00			B		
320494.85	4838326.64	574	Acer saccharinum	silver maple	95.0			g	g	g	12													1	X			X	grading limits within 10% TPZ	6.00			B	
320496.60	4838325.27	575	Acer saccharinum	silver maple	70.0			f	g	g	12		x	x						x				1	X			X	grading limits within 20% TPZ	4.20			B	
320505.74	4838332.68	576	Acer negundo	Manitoba maple	42.0	23,21		g	g	g	10		x	x								x		1	X		X			3.00			B	
320516.43	4838337.46	577	Prunus serotina	black cherry	31.0			g	g	g	7				l,s									1	X		X			2.40			B	
320517.37	4838339.38	578	Ulmus americana	white elm	45.0			g	g	g	7			x										1	X		X			3.00			B	
320523.71	4838343.37	579	Acer negundo	Manitoba maple	56.0			p	f	g	10									x	x			1	X		X			3.60			B	
320543.57	4838352.95	580	Acer saccharinum	silver maple	96.0			g	g	g	12													1	X			X	gradling limits within 25% TPZ	6.00		beyond fence	B	
320565.45	4838362.66	581	Acer saccharinum	silver maple	100.0			g	g	g	12													1	X	X		grading limits 20 cm from tree	6.00			B		
320584.34	4838376.19	582	Acer saccharinum	silver maple	76.0	36.0		f	g	g	12		x	x					x	x		x		2			X			4.80		beyond fence	B	
320596.57	4838382.15	583	Acer negundo	Manitoba maple	13.0	5.0		f	f	f	5													N/A	X		X			1.80			B	
320600.20	4838384.34	584	Acer negundo	Manitoba maple	16.0	13,15		p	p	p	5							x	x					N/A	X		X			1.80			B	
320603.05	4838384.68	585	Acer negundo	Manitoba maple	16.0	12,13		g	g	g	5		x	x								x		1	X	X		in conflict with Stephenson's park access	1.80			B		
320606.11	4838387.39	586	Ulmus pumila	Siberian elm	19.0	15.0		f	f	f	6		x	x							x			1	X	X		in conflict with Stephenson's park access	1.80			B		
320605.68	4838386.48	587	Ulmus pumila	Siberian elm	15.0	13,17		f	f	f	5													1	X	X		in conflict with Stephenson's park access	1.80			B		
320609.56	4838388.74	588	Ulmus pumila	Siberian elm	23.0			g	g	g	6													1	X	X		in conflict with Stephenson's park access	1.80			B		
320627.81	4838394.77	589	Populus alba																															

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321742.56	4838745.71	606	<i>Picea glauca</i>	white spruce	24.0			g	g	g	2													N/A			X				1.80			B		
321739.65	4838745.59	607	<i>Picea glauca</i>	white spruce	24.0			g	g	g	2	10								x					N/A			X				1.80			B	
321735.82	4838743.33	608	<i>Picea pungens</i>	blue spruce	30.0			f	g	g	2	10												2			X				2.40			B		
321718.08	4838741.47	609	<i>Populus deltoides</i>	cottonwood	30.0	18,18		g	g	g	4	10												1,2	X		X				2.40		boundary tree, girdled	B		
321711.31	4838737.08	610	<i>Acer saccharinum</i>	silver maple	33.0	8.0		g	g	g	5												x	2			X				2.40			B		
321707.25	4838736.74	611	<i>Acer saccharinum</i>	silver maple	24.0	16,16		g	g	g	5													N/A			X				1.80			B		
321703.65	4838734.53	612	<i>Picea pungens</i>	blue spruce	24.0			g	f	f	3	30												N/A			X				1.80			B		
321700.73	4838735.36	613	<i>Picea pungens</i>	blue spruce	14.0	7,5		g	f	f	3													N/A			X				1.80			B		
319621.60	4837879.27	614	<i>Fraxinus pennsylvanica</i>	red ash	6.0			p	p	p	2												x	x	4			X				1.20			C	
319623.24	4837879.77	615	<i>Fraxinus pennsylvanica</i>	red ash	7.0			p	p	p	2												x	x	4			X				1.20			C	
319621.21	4837884.41	616	<i>Salix sp.</i>	willow	47.0			p	p	p	8	90							x				x	4			X				6.00		fallen over	C		
319611.59	4837878.43	617	<i>Fraxinus pennsylvanica</i>	red ash	5.0	4.0		p	p	p	2												x	x	4			X				1.20			C	
319607.91	4837873.77	618	<i>Fraxinus pennsylvanica</i>	red ash	7.0	2.0		p	p	p	2												x	x	4			X				1.20			C	
319602.90	4837874.23	619	<i>Fraxinus pennsylvanica</i>	red ash	6.0	4,3,1		p	p	p	2												x	x	4			X				1.20			C	
319599.10	4837895.86	620	<i>Fraxinus pennsylvanica</i>	red ash	7.0			p	p	p	2								x				x	x	4			X				1.20			C	
319602.95	4837890.13	621	<i>Quercus rubra</i>	red oak	64.0			f	g	g	12								x	x				4			X				8.40			C		
319604.53	4837891.28	622	<i>Acer saccharum ssp. saccharum</i>	sugar maple	6.0			g	g	g	2													4			X				1.20			C		
319604.26	4837887.86	623	<i>Acer saccharum ssp. saccharum</i>	sugar maple	10.0			g	g	g	2													4			X				3.60			C		
319604.23	4837884.76	624	<i>Acer saccharum ssp. saccharum</i>	sugar maple	13.0			g	g	g	3			x	x									4			X				3.60			C		
319606.43	4837892.25	625	<i>Acer saccharum ssp. saccharum</i>	sugar maple	7.0			g	g	g	3													4			X				1.20			C		
319606.26	4837894.60	626	<i>Acer saccharum ssp. saccharum</i>	sugar maple	6.0			g	g	g	3													4			X				1.20			C		
319609.40	4837894.12	627	<i>Acer saccharum ssp. saccharum</i>	sugar maple	7.0			g	g	g	3													4			X				1.20			C		
319611.29	4837895.07	628	<i>Acer saccharum ssp. saccharum</i>	sugar maple	5.0			g	g	g	3													4			X				1.20			C		
319612.37	4837895.43	629	<i>Quercus rubra</i>	red oak	70.0			g	g	g	12													4			X				8.40			C		
319615.24	4837893.05	630	<i>Acer platanoides</i>	Norway maple	7.0			g	g	g	2						I,s							4			X				1.20			C		
319614.50	4837895.11	631	<i>Acer saccharum ssp. saccharum</i>	sugar maple	8.0			g	g	g	4													4			X				1.20			C		
319615.84	4837899.71	632	<i>Quercus rubra</i>	red oak	10.0			g	g	g	12													4			X				3.60			C		
319616.79	4837899.69	633	<i>Acer saccharum ssp. saccharum</i>	sugar maple	90.0			g	g	g	12													4			X				10.80			C		
319619.81	4837894.23	634	<i>Fraxinus pennsylvanica</i>	red ash	14.0			f	f	f	4												x	x	4			X				3.60			C	
319619.95	4837899.31	635	<i>Acer saccharum ssp. saccharum</i>	sugar maple	7.0			g	g	g	4													4			X				1.20			C		
319627.29	4837897.49	636	<i>Acer saccharum ssp. saccharum</i>	sugar maple	5.0			g	g	g	3													4			X				1.20			C		
319621.74	4837898.68	637	<i>Acer platanoides</i>	Norway maple	5.0			g	g	g	3													4			X				1.20			C		
319618.54	4837901.11	638	<i>Quercus rubra</i>	red oak	70.0			g	g	g	10													4			X				8.40			C		
319624.77	4837896.03	639	<i>Betula alleghaniensis</i>	yellow birch	6.0			g	g	g	2													4			X				1.20			C		
319627.89	4837895.18	640	<i>Acer x freemanii</i>	Freeman's maple	18.0			g	g	g	3													4			X				3.60			C		
319627.55	4837896.18	641	<i>Fraxinus pennsylvanica</i>	red ash	9.0			p	p	p	3												x	x	4			X				1.20			C	
319628.80	4837899.59	642	<i>Acer platanoides</i>	Norway maple	7.0			g	g	g	3													4			X				1.20			C		
319629.81	4837892.37	643</																																		

Project: TA8858
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Appendix A

Date: August 14, 15, 17, 20, 22, 27, 28, 29, September 4, 5, and November 20, 21 and 30 2018, May 21 and 22, 2020, and, July 29, 2021
Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION															Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone		
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree	
319611.60	4837835.41	661	Ailanthus altissima	tree of heaven	8.0			f	f	f	3												4	X	X			tree in conflict with grading limits		1.20		C	X	
319611.92	4837832.96	662	Acer negundo	Manitoba maple	9.0	8,8,7		p	p	p	3	30	x	x							x		4	X	X			tree in conflict with grading limits		1.20		C	X	
319610.27	4837837.24	663	Acer negundo	Manitoba maple	14.0	7,8,6		p	p	p	4							x	x				4	X	X			tree in conflict with grading limits		3.60		C		
319614.22	4837838.06	664	Acer negundo	Manitoba maple	10.0	9.0		p	p	p	4							x	x				4	X	X			tree in conflict with grading limits		3.60		C	X	
319613.29	4837840.49	665	Acer negundo	Manitoba maple	18.0			p	p	p	4												4	X	X			tree in conflict with grading limits		3.60	grapevine competition	C		
319615.55	4837837.22	666	Acer negundo	Manitoba maple	74.0			f	f	f	3		x	x									4	X	X			tree in conflict with grading limits		9.60		C	X	
319617.07	4837835.51	667	Acer platanoides	Norway maple	5.0	5,4		f	g	g	3												4	X	X			tree in conflict with grading limits		1.20	tar spot	C	X	
319614.65	4837835.66	668	Acer platanoides	Norway maple	6.0	5.0		g	g	g	3											x	4	X	X			tree in conflict with grading limits		1.20	tar spot	C	X	
319614.18	4837833.28	669	Acer platanoides	Norway maple	5.0	5,4		f	f	f	3												4	X	X			tree in conflict with grading limits		1.20		C	X	
319611.77	4837833.44	670	Acer negundo	Manitoba maple	11.0	8,7,6,5		p	p	p	4		x	x				x	x				4	X	X			tree in conflict with grading limits		3.60		C	X	
319621.03	4837840.06	671	Acer negundo	Manitoba maple	9.0			g	g	g	4												4	X	X			tree in conflict with grading limits		1.20	grapevine competition	C	X	
319624.23	4837842.82	672	Acer negundo	Manitoba maple	14.0	8,6,8,6		p	p	p	4	60						x	x				4	X	X			tree in conflict with grading limits		3.60		C	X	
319625.35	4837844.10	673	Ulmus americana	white elm	6.0			g	g	g	3												4	X	X			tree in conflict with grading limits		1.20		C	X	
319624.03	4837843.16	674	Fraxinus americana	white ash	7.0	4,4		f	f	f	3												x	4	X	X			tree in conflict with grading limits		1.20		C	X
319631.64	4837843.27	675	Acer negundo	Manitoba maple	12.0	11.0		f	f	f	4		x	x					x	x		x	4	X	X			tree in conflict with grading limits		3.60		C	X	
319631.25	4837844.78	676	Acer negundo	Manitoba maple	12.0			g	g	g	4												4	X	X			tree in conflict with grading limits		3.60		C	X	
319634.32	4837845.24	677	Acer negundo	Manitoba maple	10.0	7.0		g	g	g	4												4	X	X			tree in conflict with grading limits		3.60		C	X	
319634.67	4837847.42	678	Ulmus americana	white elm	11.0			g	g	g	4												4	X	X			tree in conflict with grading limits		3.60		C	X	
319637.91	4837848.39	679	Acer platanoides	Norway maple	11.0	8,6		f	f	f	4							x	x		x		4	X	X			tree in conflict with grading limits		3.60		C	X	
319637.73	4837850.41	680	Ulmus americana	white elm	14.0	4.0		g	g	g	4												4	X	X			tree in conflict with grading limits		3.60		C	X	
319639.93	4837850.25	681	Acer platanoides	Norway maple	7.0	5.0		g	g	g	2												4	X	X			tree in conflict with retaining wall construction		1.20		C	X	
319645.95	4837854.36	682	Acer negundo	Manitoba maple	11.0	7,5,4,6		g	g	g	3		x	x				x	x				4	X	X			tree in conflict with retaining wall construction		3.60		C	X	
319640.92	4837859.70	683	Quercus rubra	red oak	51.0			g	g	g	12										x		4	X	X			tree in conflict with retaining wall construction		7.20		C		
319643.86	4837860.22	684	Acer platanoides	Norway maple	44.0			g	g	g	9												4	X	X			tree in conflict with retaining wall construction		6.00	tar spot	C		
319646.80	4837861.02	685	Quercus rubra	red oak	85.0			g	g	g	10												4	X	X			tree in conflict with retaining wall construction		10.80		C		
319647.21	4837862.73	686	Acer platanoides	Norway maple	5.0	5,5,4,3,2,1		g	g	g	2												4	X	X			tree in conflict with retaining wall construction		1.20		C		
319649.78	4837863.03	687	Quercus rubra	red oak	28.0			f	f	f	5	30										x	4	X	X			tree in conflict with retaining wall construction		3.60		C		
319652.69	4837863.14	688	Acer platanoides	Norway maple	20.0	7.0		g	g	g	5												4	X	X			tree in conflict with retaining wall construction		3.60		C		
319654.20	4837861.37	689	Acer platanoides	Norway maple	6.0			g	g	g	2												4	X	X			tree in conflict with retaining wall construction		1.20		C		
319652.80	4837857.75	690	Acer platanoides	Norway maple	12.0			g	g	g	3												4	X	X			tree in conflict with retaining wall construction		3.60		C	X	
319652.12	4837856.38	691	Acer negundo	Manitoba maple	7.0	7,8,7,6		p	p	p	3	40						x	x		x		4	X	X			tree in conflict with retaining wall construction		1.20		C	X	
319654.16	4837858.16	692	Acer negundo	Manitoba maple	12.0	8,6,7,7		p	p	p	3	40						x	x		x		4	X	X			tree in conflict with retaining wall construction		3.60		C	X	
319656.67	4837860.52	693	Acer negundo	Manitoba maple	8.0	7.0		p	p	p	3	40						x	x		x		4	X	X			tree in conflict with retaining wall construction		1.20		C	X	
319661.06	4837860.99	694	Acer negundo	Manitoba maple	8.0	4.0		p	p	p	3	40						x	x		x		4	X	X			tree in conflict with retaining wall construction		1.20		C	X	
319664.71	4837862.10	695	Acer platanoides	Norway maple	12.0			g	g	f	3	30											4	X	X			tree in conflict with retaining wall construction		3.60		C	X	
319663.45	4837866.57	696	Acer platanoides	Norway maple	21.0			g	g	g	5												4	X	X			tree in conflict with retaining wall construction		3.60		C		
319663.78	4837868.66	697	Quercus rubra	red oak	47.0	37.0		g	g	g	8												4	X	X			tree in conflict with retaining wall construction		6.00		C		
319665.94	4837866.01	698	Acer negundo	Manitoba maple	7.0			g	g	g	2												4</											

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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree			
319695.44	4837888.90	716	Acer platanoides	Norway maple	8.0			g	g	g	3												4	X	X			tree in conflict with retaining wall construction		1.20		C	
319699.38	4837886.92	717	Acer platanoides	Norway maple	8.0			g	g	g	3												4	X	X			tree in conflict with retaining wall construction		1.20		C	
319700.88	4837883.52	718	Acer negundo	Manitoba maple	6.0	3,3,2		p	p	p	3		x	x									4	X	X			tree in conflict with retaining wall construction		1.20	grapevine competition	C	X
319702.18	4837887.43	719	Ulmus americana	white elm	7.0	4.0		p	p	p	3		x	x									4	X	X			tree in conflict with retaining wall construction		1.20	grapevine competition	C	
319706.07	4837887.75	720	Acer negundo	Manitoba maple	12.0	4.0		p	p	p	4		x	x								x	4	X	X			tree in conflict with retaining wall construction		3.60		C	X
319700.04	4837888.52	721	Acer platanoides	Norway maple	9.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		1.20		C	
319701.79	4837889.70	722	Acer platanoides	Norway maple	13.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		3.60		C	
319702.82	4837889.01	723	Acer platanoides	Norway maple	32.0			g	g	g	5												4	X	X			tree in conflict with retaining wall construction		4.80		C	
319707.93	4837891.98	724	Acer platanoides	Norway maple	14.0			g	g	g	5												4	X	X			tree in conflict with retaining wall construction		3.60		C	
319706.92	4837891.02	725	Acer platanoides	Norway maple	11.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		3.60		C	
319709.92	4837890.95	726	Acer platanoides	Norway maple	12.0	4.0		g	g	g	4		x	x									4	X	X			tree in conflict with retaining wall construction		3.60		C	
319711.89	4837889.84	727	Acer negundo	Manitoba maple	9.0	7,6,5,4		p	p	p	4		x	x				x	x			x	4	X	X			tree in conflict with retaining wall construction		1.20		C	X
319714.67	4837890.31	728	Acer negundo	Manitoba maple	6.0	6.0		f	f	f	3		x	x									4	X	X			tree in conflict with retaining wall construction		1.20		C	X
319710.71	4837894.84	729	Acer platanoides	Norway maple	5.0			g	g	g	3											x	4	X	X			tree in conflict with retaining wall construction		1.20		C	
319709.52	4837895.96	730	Acer platanoides	Norway maple	14.0			g	g	g	5											x	4	X	X			tree in conflict with retaining wall construction		3.60		C	
319713.93	4837897.45	731	Acer platanoides	Norway maple	6.0			g	g	g	3											x	4	X	X			tree in conflict with retaining wall construction		1.20		C	
319711.96	4837899.29	732	Fraxinus pennsylvanica	red ash	6.0			g	g	g	3												4		X			tree in conflict with easement		1.20		C	
319714.95	4837900.77	733	Acer platanoides	Norway maple	70.0	9.0		p	f	f	10		x	x				x	x			x	4	X	X			tree in conflict with easement		8.40		C	
319720.87	4837906.16	734	Acer platanoides	Norway maple	7.0			g	g	g	2												4		X			tree in conflict with retaining wall construction		1.20		C	
319722.68	4837894.93	735	Acer platanoides	Norway maple	12.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		3.60		C	X
319722.68	4837894.70	736	Acer negundo	Manitoba maple	12.0	8,7,6		p	p	p	4		x	x								x	4	X	X			tree in conflict with retaining wall construction		3.60		C	X
319727.70	4837898.37	737	Acer platanoides	Norway maple	9.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		1.20	fallen over	C	X
319730.20	4837902.20	738	Acer platanoides	Norway maple	9.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		1.20		C	
319729.16	4837902.10	739	Acer negundo	Manitoba maple	10.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		3.60		C	
319730.13	4837906.49	740	Acer negundo	Manitoba maple	11.0			g	g	g	4												4	X	X			tree in conflict with retaining wall construction		3.60		C	
319734.57	4837901.58	741	Acer negundo	Manitoba maple	7.0			g	g	g	3		x	x	s,n			x	x			x	4	X	X			tree in conflict with grading limits		1.20	fallen over	C	X
319737.39	4837901.93	742	Acer negundo	Manitoba maple	8.0	7,6		p	p	p	3		x	x	s,n			x	x			x	4	X	X			tree in conflict with grading limits		1.20	fallen over	C	X
319737.17	4837902.83	743	Acer negundo	Manitoba maple	8.0			p	p	p	3												4	X	X			tree in conflict with grading limits		1.20		C	X
319735.38	4837903.79	744	Acer platanoides	Norway maple	17.0			g	g	g	5												4	X	X			tree in conflict with grading limits		3.60		C	X
319735.52	4837910.96	745	Acer platanoides	Norway maple	16.0			g	g	g	5												4	X	X			tree in conflict with grading limits		3.60		C	
319736.36	4837910.07	746	Acer platanoides	Norway maple	8.0			g	g	g	3												4	X	X			tree in conflict with grading limits		1.20		C	
319736.78	4837909.89	747	Acer platanoides	Norway maple	8.0			f	f	f	3												4	X	X			tree in conflict with grading limits		1.20		C	
319739.38	4837905.19	748	Acer negundo	Manitoba maple	10.0			g	g	g	3												4	X	X			tree in conflict with grading limits		3.60		C	X
319739.89	4837904.86	749	Acer negundo	Manitoba maple	16.0	8,8		f	f	f	4		x	x	l,n				x				4	X	X			tree in conflict with grading limits		3.60		C	X
319741.76	4837905.26	750	Acer negundo	Manitoba maple	12.0	7,8,7,6		f	f	f	4												4	X	X			tree in conflict with grading limits		3.60		C	X
319741.64	4837905.21	751	Acer negundo	Manitoba maple	12.0	8,8,7		f	f	f	4		x	x	l,n				x				4	X	X			tree in conflict with grading limits		3.60		C	X
319739.61	4837907.96	752	Acer platanoides	Norway maple	6.0			g	g	g	3												4	X	X			tree in conflict with grading limits		1.20		C	
319739.29	4837906.99	753	Acer platanoides	Norway maple	6.0			g	g	g	3												4	X	X			tree in conflict with grading limits		1.20		C	
319737.77	4837911.84	754	Acer																														

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Appendix A

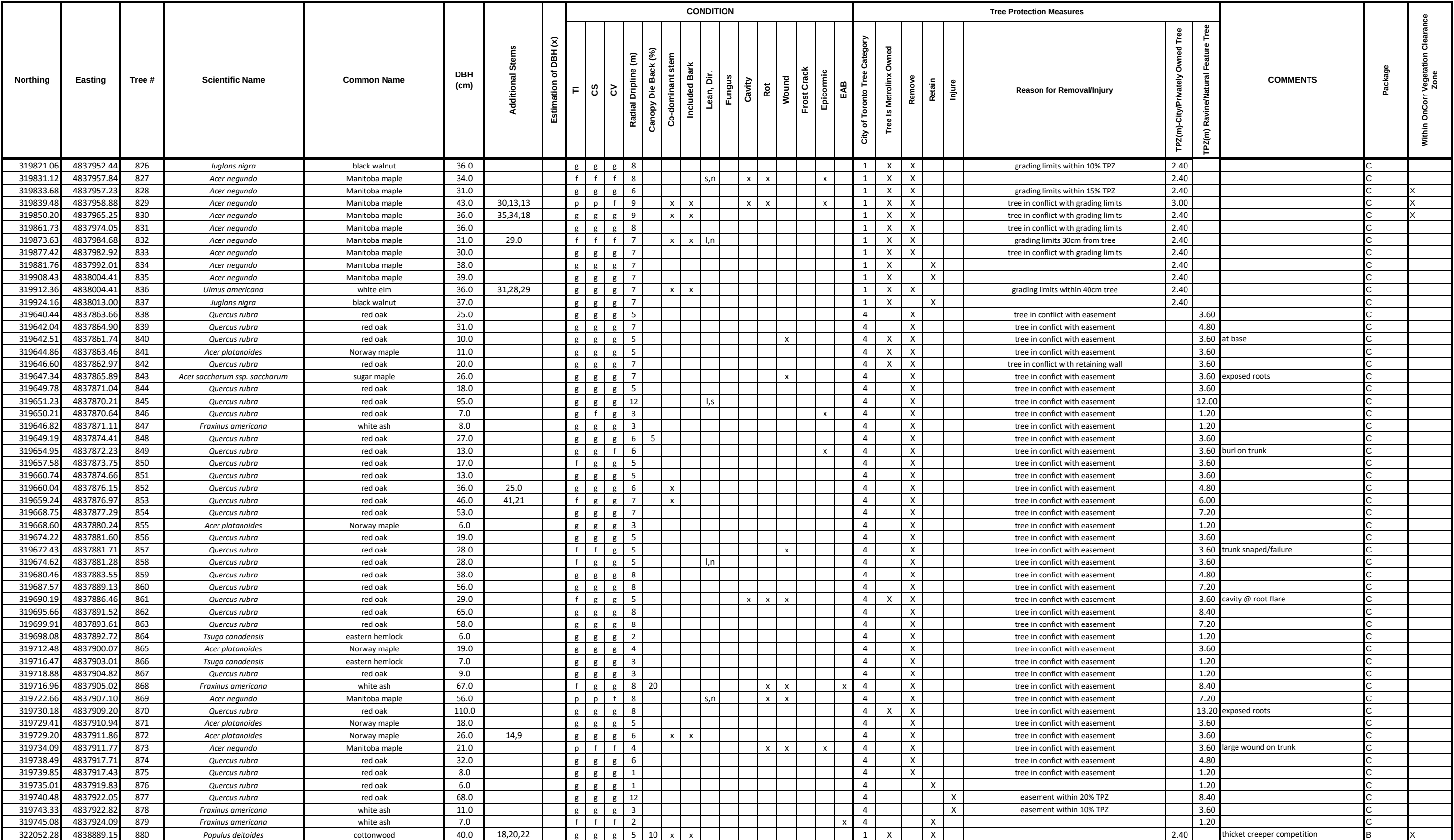
Date: August 14, 15, 17, 20, 22, 27, 28, 29, September 4, 5, and November 20, 21 and 30 2018, May 21 and 22, 2020, and, July 29, 2021
Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION														Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone			
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury				TPZ(m)-City/Private	Owned Tree	TPZ(m) Ravine/Natural Feature Tree
319750.46	4837919.38	771	Acer negundo	Manitoba maple	12.0	9.0		f	f	f	3								x	x		x		4	X	X			grading limits 40 cm from tree		3.60		C	
319751.55	4837920.07	772	Acer platanoides	Norway maple	12.0			g	g	g	3													4	X	X			grading limits 40 cm from tree		3.60		C	
319751.41	4837921.71	773	Acer platanoides	Norway maple	12.0			g	g	g	3													4		X			tree in conflict with easement		3.60		C	
319758.14	4837928.64	774	Prunus serotina	black cherry	8.0			g	g	g	3													4			X				1.20		C	
319752.26	4837923.61	775	Acer platanoides	Norway maple	13.0			g	g	g	4													4		X			tree in conflict with easement		3.60		C	
319754.36	4837920.77	776	Acer platanoides	Norway maple	8.0			g	g	g	4													4	X	X			tree in conflict with grading limits		1.20		C	
319754.06	4837921.84	777	Acer negundo	Manitoba maple	53.0			p	p	p	8	70						x	x	x		x		4	X	X			tree in conflict with easement		7.20		C	
319760.83	4837925.85	778	Acer platanoides	Norway maple	8.0			g	g	g	4													4	X		X				1.20		C	
319759.86	4837925.76	779	Acer platanoides	Norway maple	9.0			g	g	g	4													4	X		X				1.20		C	
319759.11	4837927.10	780	Acer platanoides	Norway maple	5.0			g	g	g	4													4			X				1.20		C	
319760.97	4837924.48	781	Acer platanoides	Norway maple	7.0			g	g	g	4													4	X		X				1.20		C	
319762.56	4837922.63	782	Acer platanoides	Norway maple	41.0	8.0		g	g	g	5		x	x										4	X	X			tree in conflict with grading limits		6.00		C	
319766.78	4837924.22	783	Acer platanoides	Norway maple	27.0			f	f	f	5						l,s							4	X	X			tree in conflict with grading limits		3.60		C	
319765.85	4837918.35	784	Acer negundo	Manitoba maple	12.0	5.0		f	f	f	3		x	x										4	X	X			tree in conflict with grading limits		3.60		C	X
319764.72	4837925.49	785	Acer platanoides	Norway maple	12.0			g	g	g	3													4	X	X			grading limits within 30% TPZ		3.60		C	
319764.96	4837926.51	786	Acer negundo	Manitoba maple	25.0			f	f	f	4	10												4	X			X	grading limits within 20% TPZ		3.60		C	
319768.03	4837921.64	787	Acer negundo	Manitoba maple	24.0	14,15,16		p	p	p	4		x	x				x	x					4	X	X			tree in conflict with grading limits		3.60		C	X
319769.89	4837927.25	788	Acer platanoides	Norway maple	7.0			g	g	g	3													4	X	X			tree in conflict with grading limits		1.20		C	
319772.85	4837922.55	789	Acer negundo	Manitoba maple	26.0	22,22		p	p	p	8	30	x	x				x	x					4	X	X			tree in conflict with grading limits		3.60		C	X
319771.71	4837924.07	790	Acer negundo	Manitoba maple	20.0	10.0		g	g	g	8													4	X	X			tree in conflict with grading limits		3.60		C	X
319770.91	4837925.01	791	Acer negundo	Manitoba maple	25.0			g	g	g	8						l,s							4	X	X			tree in conflict with grading limits		3.60		C	
319774.10	4837929.79	792	Acer negundo	Manitoba maple	26.0	20,15		g	g	g	8		x	x					x					4	X	X			grading limits within 35% TPZ		3.60		C	
319777.47	4837932.09	793	Acer negundo	Manitoba maple	25.0	10.0		f	f	f	8	30	x	x				x	x					4	X			X	grading limits within 15% TPZ		3.60		C	
319779.06	4837929.08	794	Acer negundo	Manitoba maple	9.0			g	g	g	3													4	X	X			tree in conflict with grading limits		1.20		C	
319779.78	4837928.72	795	Acer negundo	Manitoba maple	19.0			f	f	f	5		x	x									x	4	X	X			tree in conflict with grading limits		3.60		C	X
319779.22	4837930.93	796	Acer negundo	Manitoba maple	9.0			g	g	g	2		x	x					x					4	X	X			tree in conflict with grading limits		1.20		C	
319779.52	4837931.84	797	Acer negundo	Manitoba maple	14.0			g	g	g	2												x	4	X	X			grading limits 45% TPZ		3.60		C	
319779.38	4837930.63	798	Acer platanoides	Norway maple	10.0			g	g	g	2												x	4	X	X			tree in conflict with grading limits		3.60		C	
319778.45	4837931.18	799	Acer negundo	Manitoba maple	32.0			g	g	g	6												x	4	X	X			grading limits 20 cm from tree		4.80		C	
319774.35	4837935.83	800	Acer negundo	Manitoba maple	24.0			f	f	f	6													4			X				3.60		C	
319782.40	4837929.42	801	Acer negundo	Manitoba maple	7.0	7,6		p	p	p	2		x	x				x	x	x		x		4	X	X			tree in conflict with grading limits		1.20		C	X
319781.76	4837928.83	802	Acer platanoides	Norway maple	7.0			g	g	g	2	10					l,e							4	X	X			tree in conflict with grading limits		1.20		C	X
319779.12	4837933.67	803	Acer negundo	Manitoba maple	19.0			g	g	g	8													4	X			X	grading limits within 5% TPZ		3.60		C	
319785.99	4837932.93	804	Acer negundo	Manitoba maple	27.0	21,15,16		g	g	g	8													4	X	X			tree in conflict with grading limits		3.60		C	
319790.21	4837933.89	805	Acer negundo	Manitoba maple	54.0			p	p	p	2							x	x					1	X	X			tree in conflict with grading limits	3.60			C	X
319792.12	4837933.85	806	Acer negundo	Manitoba maple	31.0	14.0		f	f	f	8		x	x										1	X	X			tree in conflict with grading limits	2.40			C	X
319793.49	4837936.90	807	Acer negundo	Manitoba maple	26.0			f	f	f	5												x	N/A	X	X			tree in conflict with grading limits	1.80			C	
319794.51	4837934.40	808	Acer negundo	Manitoba maple	31.0			g	g	g	6													1	X	X			tree in conflict with grading limits	2.40			C	X</

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Area: Lakeshore East Rail Corridor Expansion



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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone			
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree		
322138.98	4838917.32	881	Acer negundo	Manitoba maple	44.0	30,32,2		f	g	g	5			x						x				1	X		X			3.00			B	X	
322258.66	4838952.16	882	Acer negundo	Manitoba maple	30.0	9.0		g	f	f	5		x	x										1	X	X			tree in conflict with grading limits	2.40		grapevine competition	B	X	
322280.79	4838959.98	883	Acer negundo	Manitoba maple	37.0	18,22,8		f	f	f	9				l,n							x		1	X	X			tree in conflict with grading limits	2.40		grapevine competition	B	X	
322313.55	4838973.82	884	Acer negundo	Manitoba maple	33.0			g	g	g	9					l,e							x		1	X	X			tree in conflict with grading limits	2.40			B	
322319.28	4838970.75	885	Acer negundo	Manitoba maple	32.0	20.0		p	f	f	6		x	x					x	x				1	X	X			tree in conflict with grading limits	2.40			B	X	
322337.14	4838981.47	886	Acer saccharinum	silver maple	72.0	60.0		g	g	g	12		x	x										1	X	X			tree in conflict with grading limits	4.80			B		
322353.89	4838982.61	887	Quercus rubra	red oak	100.0			g	g	g	12													1	X	X			tree in conflict with grading limits	6.00			B	X	
322356.74	4838987.84	888	Quercus rubra	red oak	183.0			g	g	g	15													1	X	X			tree in conflict with grading limits	10.98			B		
322368.70	4838989.37	889	Quercus alba	white oak	120.0			g	g	g	12													1	X	X			tree in conflict with grading limits	7.20			B	X	
322378.94	4838992.00	890	Acer negundo	Manitoba maple	30.0	20.0		f	f	f	5		x	x	l,s							x		1	X	X			tree in conflict with grading limits	2.40			B	X	
322398.58	4838996.41	891	Acer negundo	Manitoba maple	48.0	20.0		f	f	f	6		x	x	l,n		x	x					x		1	X	X			tree in conflict retaining wall construction	3.00			B	X
322408.31	4839007.09	892	Quercus alba	white oak	85.0			g	g	g	10													2		X			tree in conflict with retaining wall	5.40			B		
322450.40	4839013.32	893	Acer negundo	Manitoba maple	30.0	28,20		g	g	g	6													1	X	X			tree in conflict retaining wall construction	2.40			B	X	
322459.34	4839021.50	894	Acer negundo	Manitoba maple	38.0	29.0		g	g	g	6				l,n								x		1	X	X			tree in conflict retaining wall construction	2.40		thicket creeper competition	B	
322469.22	4839025.32	895	Prunus serotina	black cherry	40.0			g	g	g	6													1	X	X			tree in conflict retaining wall construction	2.40			B		
322469.98	4839024.36	896	Prunus serotina	black cherry	32.0			g	g	g	5										x			1	X	X			tree in conflict retaining wall construction	2.40			B		
322473.53	4839019.07	897	Acer negundo	Manitoba maple	33.0			f	p	p	5	60												1	X	X			tree in conflict retaining wall construction	2.40			B	X	
322494.06	4839027.76	898	Acer negundo	Manitoba maple	38.0	42,20		g	g	g	9	30	x	x									x		1	X	X			tree in conflict retaining wall construction	2.40			B	X
322514.75	4839034.99	899	Acer negundo	Manitoba maple	41.0			g	g	g	8													1	X	X			tree in conflict retaining wall construction	3.00			B	X	
322517.84	4839034.58	900	Acer negundo	Manitoba maple	34.0			g	g	g	6													1	X	X			tree in conflict retaining wall construction	2.40			B	X	
322550.68	4839043.95	901	Acer negundo	Manitoba maple	44.0	9,4		g	g	g	7		x	x									x		1	X	X			tree in conflict retaining wall construction	3.00			B	X
322560.25	4839048.02	902	Acer negundo	Manitoba maple	30.0	29,18		g	g	g	5		x	x										1	X	X			tree in conflict retaining wall construction	2.40			B	X	
322565.19	4839049.11	903	Acer negundo	Manitoba maple	33.0	30.0		g	g	g	5	10	x	x									x		1	X	X			tree in conflict retaining wall construction	2.40			B	X
322560.75	4839059.99	904	Acer negundo	Manitoba maple	41.0			f	f	f	5	30			m,n				x				x		1	X	X			tree in conflict with retaining wall	3.00			B	
322609.86	4839073.54	905	Acer negundo	Manitoba maple	53.0			f	f	f	8	10	x	x						x			x		1	X	X			tree in conflict retaining wall construction	3.60			B	
322611.56	4839069.55	906	Acer negundo	Manitoba maple	41.0			p	p	p	8	10						x	x						1	X	X			tree in conflict retaining wall construction	3.00			B	X
322622.88	4839073.30	907	Acer negundo	Manitoba maple	38.0	32,25		g	g	g	8		x	x											1	X	X			tree in conflict retaining wall construction	2.40		grapevine competition	B	X
322629.46	4839086.19	908	Prunus serotina	black cherry	129.0			f	f	f	7														1	X	X			tree in conflict with retaining wall	7.74			B	
322636.98	4839078.53	909	Acer negundo	Manitoba maple	33.0	32,18,12		f	f	f	7		x	x			x	x					x		1	X	X			tree in conflict retaining wall construction	2.40			B	X
322690.01	4839109.99	910	Quercus rubra	red oak	138.0			g	g	g	11	10											x		1	X	X			tree in conflict with retaining wall	8.28			B	
322751.22	4839125.71	911	Acer negundo	Manitoba maple	53.0			f	f	f	8	30											x		1	X	X			tree in conflict retaining wall construction	3.60			B	X
322758.26	4839129.02	912	Acer negundo	Manitoba maple	41.0	22.0		f	f	f	9	40	x	x						x			x		1	X	X			tree in conflict retaining wall construction	3.00			B	X
322766.05	4839131.01	913	Acer negundo	Manitoba maple	42.0	30.0		f	f	f	9		x	x					x	x	x		x		1	X	X			tree in conflict retaining wall construction	3.00			B	X
322769.88	4839136.66	914	Acer negundo	Manitoba maple	34.0			g	g	g	7														1	X	X			tree in conflict retaining wall construction	2.40			B	X
322783.84	4839140.20	915	Acer negundo	Manitoba maple	37.0	35.0		g	g	g	7		x	x											1	X	X			tree in conflict retaining wall construction	2.40			B	X
322785.33	4839141.71	916	Acer negundo	Manitoba maple	33.0	30.0		g	g	g	7		x	x											1	X	X			tree in conflict retaining wall construction	2.40			B	X
322788.20	4839146.41	917	Acer negundo	Manitoba maple	42.0	28.0		g	g	g																									

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322321.42	4838939.84	936	Quercus rubra	red oak	76.0	64.0		g	g	g	8		x	x									1	X		X			4.80			B	
322324.98	4838921.33	937	Quercus rubra	red oak	80.0	69.0		g	g	g	10		x	x									3			X			4.80			B	
322347.72	4838950.61	938	Acer negundo	Manitoba maple	38.0	18,18,16		f	f	f	6	30								x		x	3			X			2.40			B	
322309.78	4838922.34	939	Quercus rubra	red oak	85.0			g	g	f	12	40										x	1	X		X			5.40			B	
322298.26	4838936.67	940	Quercus rubra	red oak	82.0			g	g	g	12												1	X		X			5.40			B	
322292.11	4838924.11	941	Quercus rubra	red oak	111.0			g	g	g	12												1	X		X			6.66			B	
322290.27	4838925.04	942	Acer rubrum	red maple	21.0			g	g	g	5												N/A	X		X			1.80			B	
322283.18	4838922.95	943	Quercus rubra	red oak	62.0			g	g	g	10												1	X		X			4.20			B	
322278.56	4838923.21	944	Quercus rubra	red oak	70.0	61.0		g	g	g	10		x	x									1	X		X			4.20			B	
322283.83	4838914.57	945	Salix sp.	willow	34.0			g	g	g	5				l,n							x	1	X		X			2.40			B	
322272.17	4838916.69	946	Quercus rubra	red oak	39.0			g	g	g	8												1	X		X			2.40			B	
322269.98	4838914.48	947	Quercus rubra	red oak	33.0			g	g	g	8												1	X		X			2.40			B	
322267.68	4838912.35	948	Quercus rubra	red oak	31.0			g	g	g	6												1	X		X			2.40			B	
322260.66	4838916.62	949	Quercus rubra	red oak	85.0			g	g	g	10										x		1	X		X			5.40			B	
322257.02	4838915.68	950	Quercus rubra	red oak	71.0	34.0		g	g	g	10	10	x	x							x		1	X		X			4.80			B	
322251.50	4838910.64	951	Quercus rubra	red oak	47.0	43.0		g	g	g	8	10	x	x									1	X		X			3.00			B	
322242.88	4838912.29	952	Quercus rubra	red oak	51.0	20.0		g	g	g	8		x	x									1	X		X			3.60			B	
322242.90	4838907.87	953	Quercus rubra	red oak	48.0			g	g	g	8												1	X		X			3.00			B	
322234.57	4838909.84	954	Quercus rubra	red oak	115.0			g	g	g	12												1	X		X			6.90			B	
322230.24	4838902.29	955	Quercus rubra	red oak	73.0	26.0		g	g	g	12		x	x								x	1	X		X			4.80			B	
322227.65	4838900.72	956	Quercus rubra	red oak	41.0	34.0		g	g	g	8		x	x									1	X		X			3.00			B	
322214.43	4838892.78	957	Quercus rubra	red oak	37.0	23.0		g	g	g	8		x	x									1	X		X			2.40			B	
322220.07	4838910.68	958	Quercus rubra	red oak	35.0	18.0		g	g	g	8		x	x									1	X		X			2.40			B	
322208.06	4838905.33	959	Quercus rubra	red oak	125.0			g	g	g	12												1	X		X			7.50			B	
322205.43	4838894.56	960	Quercus rubra	red oak	30.0	28.0		g	g	g	5												1	X		X			2.40			B	
322202.51	4838898.70	961	Quercus rubra	red oak	115.0			g	g	g	10												1	X		X			6.90			B	
322197.50	4838903.95	962	Quercus rubra	red oak	30.0	17.0		g	g	g	6		x	x									1	X		X			2.40			B	
322195.44	4838904.69	963	Quercus rubra	red oak	42.0			g	g	g	6												1	X		X			3.00			B	
322192.49	4838893.03	964	Quercus rubra	red oak	35.0			g	g	g	6												1	X		X			2.40			B	
322191.34	4838888.83	965	Quercus rubra	red oak	31.0	21.0		g	g	g	4												1	X		X			2.40			B	
322187.84	4838886.26	966	Quercus alba	white oak	62.0	40.0		g	g	g	11		x	x									1	X		X			4.20			B	
322186.98	4838884.58	967	Quercus rubra	red oak	51.0			g	g	g	8												1	X		X			3.60			B	
322175.83	4838888.76	968	Quercus rubra	red oak	68.0	68,42		g	g	g	12		x	x									1	X		X			4.20			B	
322179.35	4838894.66	969	Quercus rubra	red oak	36.0			g	g	g	6												1	X		X			2.40			B	
322171.56	4838896.73	970	Quercus rubra	red oak	210.0			g	g	g	12												1	X	X			grading limits within 45% TPZ	12.60			B	
322163.68	4838889.66	971	Quercus rubra	red oak	45.0			g	g	g	6												1	X		X			3.00			B	
322159.60	4838893.01	972	Quercus rubra	red oak	68.0			p	f	f	8						x	x					1	X			X	grading limits within 20% TPZ	4.20			B	
322151.58	4838886.42	973	Quercus rubra	red oak	90.0			p	f	f	10						x	x					1	X		X			5.4			B	
322150.83	4838886.30	974	Quercus rubra	red oak	56.0			g	g	g	10												1	X		X			3.6			B	
322142.89	4838889.89	975	Quercus rubra	red oak	45.0			f	f	f	10												1	X	X			tree in conflict with grading limits	3.00			B	
322136.29	4838882.39	976	Quercus rubra	red oak	85.0	50.0		f	g	g	10			</																			

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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree			
323737.03	4840273.60	991	Acer negundo	Manitoba maple	31.0	22,22,18		g	g	g	7	10	x	x									1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323741.71	4840292.54	992	Ulmus sp.	elm	41.0			g	g	g	7												1	X	X			tree in conflict with retaining wall construction	3.00			A	
323748.03	4840302.85	993	Ulmus sp.	elm	33.0			g	g	g	7												1	X	X			tree in conflict with retaining wall construction	2.40			A	
323752.49	4840312.28	994	Acer negundo	Manitoba maple	38.0			g	g	g	5												1	X	X			tree in conflict with retaining wall construction	2.40			A	
323754.86	4840318.22	995	Acer negundo	Manitoba maple	30.0	20.0		g	g	g	6		x	x									1	X	X			tree in conflict with retaining wall construction	2.40			A	
323771.48	4840338.36	996	Acer negundo	Manitoba maple	35.0	20,17		g	g	g	8	10	x	x				x	x				1	X	X			tree in conflict with retaining wall construction	2.40		grapevine competition	A	X
323785.08	4840372.94	997	Ulmus americana	white elm	48.0	30.0		g	g	g	10	10	x	x							x		1	X	X			tree in conflict with retaining wall construction	3.00			A	X
323789.47	4840385.39	998	Acer negundo	Manitoba maple	32.0	31.0		g	g	g	8		x	x									1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323792.14	4840384.85	999	Ulmus americana	white elm	40.0			g	g	g	8	30											1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323801.41	4840415.23	1,000	Acer negundo	Manitoba maple	40.0			g	g	g	8												1	X	X			tree in conflict with retaining wall construction	2.40			A	
323809.63	4840420.64	1,001	Acer negundo	Manitoba maple	35.0			g	g	g	8					I,s							1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323815.66	4840431.81	1,002	Acer negundo	Manitoba maple	31.0			g	g	g	5												1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323814.84	4840433.87	1,003	Acer negundo	Manitoba maple	36.0			g	g	g	7												1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323816.21	4840446.78	1,004	Acer negundo	Manitoba maple	30.0	28,18,16		p	p	p	7	40	x	x			x					x	1	X	X			tree in conflict with retaining wall construction	2.40			A	
323827.12	4840458.72	1,005	Acer negundo	Manitoba maple	40.0			g	g	g	7												1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323857.06	4840520.76	1,006	Acer negundo	Manitoba maple	38.0			g	g	g	7												1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323867.77	4840542.98	1,007	Acer negundo	Manitoba maple	38.0			g	g	g	7	10											1	X	X			tree in conflict with retaining wall construction	2.40			A	X
323888.98	4840599.00	1,008	Acer negundo	Manitoba maple	70.0			g	g	g	10												1	X	X			tree in conflict with retaining wall construction	4.20			A	
323903.29	4840616.08	1,009	Acer negundo	Manitoba maple	60.0			g	g	g	7					I,s							1	X	X			tree in conflict with retaining wall construction	3.60			A	X
323914.95	4840654.52	1,010	Juglans nigra	black walnut	35.0			g	g	g	7												3		X			tree in conflict with easement	2.40			A	
323916.40	4840654.85	1,011	Juglans nigra	black walnut	30.0			g	g	g	7												1	X	X			tree in conflict with retaining wall	2.40			A	
323943.15	4840710.88	1,012	Acer saccharinum	silver maple	45.0	42,40		g	g	g	8		x	x									1	X	X			tree in conflict with retaining wall	3.00			A	
323948.46	4840711.65	1,013	Juglans nigra	black walnut	33.0	31.0		g	g	g	8		x	x									1	X	X			tree in conflict with retaining wall	2.40			A	X
323951.37	4840719.53	1,014	Juglans nigra	black walnut	53.0			g	g	g	10												1	X	X			tree in conflict with retaining wall	3.60			A	X
323948.68	4840720.15	1,015	Acer negundo	Manitoba maple	31.0			g	g	g	7					I,e							1	X	X			tree in conflict with retaining wall	2.40			A	
323951.88	4840722.78	1,016	Juglans nigra	black walnut	35.0	24.0		g	g	g	7												1	X	X			tree in conflict with retaining wall	2.40			A	X
323962.64	4840747.09	1,017	Juglans nigra	black walnut	46.0	43.0		g	g	g	8												1	X	X			tree in conflict with retaining wall	3.00			A	
323966.13	4840752.35	1,018	Acer negundo	Manitoba maple	42.0			g	g	g	8												1	X	X			tree in conflict with retaining wall	3.00			A	X
323966.89	4840756.69	1,019	Juglans nigra	black walnut	50.0	43,16		g	g	g	8												1	X	X			tree in conflict with retaining wall	3.00			A	
323969.44	4840759.13	1,020	Juglans nigra	black walnut	36.0	33,26		g	g	g	8												1	X	X			tree in conflict with retaining wall	2.40			A	X
323976.74	4840772.21	1,021	Acer negundo	Manitoba maple	30.0			g	g	g	8												1	X	X			tree in conflict with retaining wall	2.40			A	X
323980.45	4840780.06	1,022	Juglans nigra	black walnut	34.0	32,15		g	g	g	8		x	x									1	X	X			tree in conflict with retaining wall	2.40			A	X
323979.15	4840782.06	1,023	Juglans nigra	black walnut	30.0			g	g	g	6												1	X	X			tree in conflict with retaining wall	2.40			A	
323982.92	4840785.56	1,024	Juglans nigra	black walnut	40.0	35.0		g	g	g	8												1	X	X			tree in conflict with retaining wall	2.40			A	X
323989.28	4840805.66	1,025	Acer negundo	Manitoba maple	38.0			g	g	g	8												2		X			tree in conflict with easement	2.40			A	
324000.06	4840826.32	1,026	Acer platanoides	Norway maple	33.0			g	g	g	8												1	X	X			tree in conflict with easement	2.40			A	
324005.11	4840829.96	1,027	Juglans nigra	black walnut	31.0	29.0		g	g	g	6												1	X	X			tree in conflict with easement	2.40			A	X
324002.57	4840829.70	1,028	Juglans nigra	black walnut	46.0			g	g	g	10																						

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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury				TPZ(m)-City/Private	TPZ(m) Ravine/Natural Feature Tree		
319585.42	4837738.95	1,046	Quercus rubra	red oak	79.0			g	g	g	12												4			X				9.60		C			
319585.64	4837743.54	1,047	Acer platanoides	Norway maple	8.0			g	g	g	2												4			X				1.20		C			
319583.16	4837741.95	1,048	Quercus rubra	red oak	9.0			g	g	g	2												4			X				1.20		C			
319579.25	4837737.38	1,049	Quercus rubra	red oak	7.0			f	f	f	2										x		4			X				1.20		C			
319578.63	4837736.98	1,050	Quercus rubra	red oak	8.0			f	f	f	2										x		4			X				1.20		C			
319579.21	4837736.61	1,051	Quercus rubra	red oak	20.0			g	g	g	4												4			X				3.60		C			
319579.06	4837734.86	1,052	Acer saccharum ssp. saccharum	sugar maple	14.0			g	g	g	4												4			X				3.60		C			
319584.43	4837743.34	1,053	Acer platanoides	Norway maple	6.0			f	f	f	2	30											4			X				1.20		C			
319587.55	4837744.37	1,054	Quercus rubra	red oak	8.0			g	g	g	3												4			X				1.20		C			
319586.48	4837746.35	1,055	Quercus rubra	red oak	22.0			g	g	g	5												4			X				3.60		C			
319586.83	4837748.81	1,056	Acer platanoides	Norway maple	13.0			g	g	g	4												4			X				3.60		C			
319585.38	4837749.40	1,057	Acer platanoides	Norway maple	14.0			g	g	g	4												4			X				3.60		C			
319584.80	4837750.10	1,058	Acer platanoides	Norway maple	13.0			f	g	g	4					l,n			x	x			4			X				3.60		C			
319587.67	4837751.94	1,059	Fagus grandifolia	American beech	9.0			g	g	g	3	10											4			X			1.20	beech bark disease	C				
319590.82	4837751.28	1,060	Acer platanoides	Norway maple	16.0			g	g	g	4											x		4			X			3.60		C			
319592.98	4837751.84	1,061	Acer platanoides	Norway maple	18.0			g	g	g	4												4			X				3.60		C			
319591.75	4837746.71	1,062	Acer platanoides	Norway maple	13.0			g	g	g	3												4			X				3.60		C			
319592.13	4837747.34	1,063	Acer saccharum ssp. saccharum	sugar maple	64.0	52.0		g	g	g	7		x	x									4			X				8.40		C			
319597.47	4837750.22	1,064	Quercus rubra	red oak	59.0			g	g	g	8												4			X				7.20		C			
319599.76	4837753.20	1,065	Acer platanoides	Norway maple	18.0			g	g	g	3												4			X				3.60		C			
319603.69	4837751.35	1,066	Tilia americana	basswood	20.0			g	g	g	4												4			X				3.60		C			
319605.02	4837751.87	1,067	Acer platanoides	Norway maple	8.0			g	g	g	2												4			X				1.20		C			
319606.08	4837751.92	1,068	Acer platanoides	Norway maple	23.0			f	f	f	4	30											4			X			3.60	one stem dead	C				
319609.83	4837760.03	1,069	Betula alleghaniensis	yellow birch	6.0			g	g	g	1												4			X				1.20		C			
319608.51	4837759.74	1,070	Acer platanoides	Norway maple	60.0	40.0		p	g	p	8	30	x	x		x			x	x			4			X				7.20		C			
319611.19	4837760.40	1,071	Prunus sp.	cherry	6.0			g	g	g	1												4			X				1.20		C			
319614.53	4837766.30	1,072	Acer platanoides	Norway maple	14.0			g	g	g	3												4			X				3.60		C			
319619.01	4837768.47	1,073	Acer platanoides	Norway maple	16.0			p	p	p	3	40	x	x	s,s				x	x			4			X				3.60		C			
319618.37	4837768.62	1,074	Populus sp.	poplar	84.0			g	g	f	12	30											4				X	easement within 10% TPZ	10.80		C				
319622.84	4837785.75	1,075	Acer platanoides	Norway maple	90.0			g	g	g	5									x			4				tree has been removed by property owner	10.80			10.80		C		
319630.68	4837785.36	1,076	Acer negundo	Manitoba maple	31.0			g	g	g	7												4			X				4.80		C			
319631.69	4837785.69	1,077	Acer platanoides	Norway maple	23.0			g	g	g	6												4			X				3.60		C			
319632.25	4837785.76	1,078	Acer platanoides	Norway maple	16.0			g	g	g	4												4			X				3.60		C			
319635.66	4837789.12	1,079	Acer platanoides	Norway maple	47.0	8.0		g	g	g	8												4			X				6.00		C			
319642.37	4837796.11	1,080	Ailanthus altissima	tree of heaven	90.0			g	g	g	14												4			X				10.80		C			
319635.20	4837794.91	1,081	Acer platanoides	Norway maple	8.0			g	g	g	2												4			X				1.20		C			
319633.29	4837791.65	1,082	Quercus rubra	red oak	69.0			g	g	g	15												4			X				8.40		C			
319632.80	4837787.76	1,083	Quercus rubra	red oak	45.0	43,41		g	g	g	12		x	x								x	4			X				6.00		C			
319630.84	4837796.66	1,084	Fraxinus pennsylvanica	red ash	20.0			p	p	p	3												4			X				3.60		C			
319634.29	4837810.39	1,085	Acer saccharum ssp. saccharum	sugar maple	11.0	6.0		g	g	g	2												4	X	X			tree in conflict with grading limits	3.60			3.60		C	
319635.33	4837812																																		

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319597.42	4837797.49	1,101	Acer negundo	Manitoba maple	19.0			f	f	f	4	30			I,s							x		x		4	X		X			3.60		C	
319592.46	4837791.12	1,102	Acer negundo	Manitoba maple	5.0			g	g	g	1															4	X		X			1.20		C	
319594.78	4837789.84	1,103	Acer negundo	Manitoba maple	7.0	6.0		g	g	g	2		x	x											4	X		X			1.20		C		
319593.56	4837787.74	1,104	Acer negundo	Manitoba maple	6.0			g	g	g	1														4	X		X			1.20		C		
319599.41	4837790.32	1,105	Acer platanoides	Norway maple	11.0			g	g	g	3														4	X		X			3.60		C		
319597.00	4837797.73	1,106	Quercus rubra	red oak	120.0			f	f	f	15	20					x	x							4	X		X			14.40		C		
319604.10	4837790.64	1,107	Acer platanoides	Norway maple	34.0	8.0		g	g	g	6														4	X	X			tree in conflict with grading limits		4.80		C	
319603.55	4837785.48	1,108	Acer platanoides	Norway maple	15.0	12.0		g	g	g	5		x	x											4	X	X			tree in conflict with grading limits		3.60		C	
319602.03	4837781.98	1,109	Acer negundo	Manitoba maple	40.0			p	p	p	3	70					x	x	x		x				4	X	X			tree in conflict with grading limits		4.80		C	
319600.20	4837781.79	1,110	Acer saccharum ssp. saccharum	sugar maple	5.0			g	g	g	1														4	X	X			tree in conflict with grading limits		1.20		C	
319598.77	4837783.55	1,111	Acer saccharum ssp. saccharum	sugar maple	13.0			g	g	g	2														4	X	X			tree in conflict with grading limits		3.60		C	
319597.84	4837782.05	1,112	Fraxinus americana	white ash	34.0	23.0		p	p	p	6						x				x	x		4	X	X			tree in conflict with grading limits		4.80	hallow @ base	C		
319599.94	4837778.99	1,113	Prunus serotina	black cherry	12.0			g	g	g	2													4	X	X			tree in conflict with grading limits		3.60		C		
319603.01	4837777.00	1,114	Acer negundo	Manitoba maple	10.0	5.0		p	p	p	2					s,w			x				x	4	X	X			tree in conflict with grading limits		3.60		C		
319593.58	4837774.90	1,115	Acer negundo	Manitoba maple	8.0			f	f	f	2												x	4	X		X				1.20		C		
319592.12	4837776.79	1,116	Acer platanoides	Norway maple	13.0			g	g	g	4													4	X		X				3.60		C		
319590.07	4837775.07	1,117	Acer negundo	Manitoba maple	8.0			g	g	g	2													4	X		X				1.20		C		
319587.05	4837771.76	1,118	Quercus rubra	red oak	49.0			f	f	f	8													4	X		X				6.00		C		
319585.42	4837760.43	1,119	Acer saccharum ssp. saccharum	sugar maple	10.0	9.0		f	f	f	3		x	x						x		x		4	X		X				3.60		C		
319581.62	4837766.12	1,120	Acer saccharum ssp. saccharum	sugar maple	9.0			g	g	g	2													4	X		X				1.20		C		
319579.36	4837765.84	1,121	Acer negundo	Manitoba maple	13.0			f	f	f	3													4	X		X				3.60		C		
319578.92	4837766.72	1,122	Acer negundo	Manitoba maple	6.0			g	g	g	1												x	4	X		X				1.20		C		
319581.98	4837768.62	1,123	Quercus rubra	red oak	28.0			g	g	g	8													4	X		X				3.60		C		
319581.20	4837770.04	1,124	Quercus rubra	red oak	120.0			g	g	g	12													4	X		X				14.40		C		
319579.31	4837771.12	1,125	Quercus rubra	red oak	120.0			g	g	g	15													4	X		X				14.40		C		
319580.56	4837776.54	1,126	Acer negundo	Manitoba maple	5.0			g	g	g	3													4	X		X				1.20		C		
319578.90	4837781.03	1,127	Juglans nigra	black walnut	53.0	12.0		g	g	g	7													4	X		X				7.20		C		
319581.58	4837783.11	1,128	Acer negundo	Manitoba maple	11.0			f	f	f	2													4	X		X				3.60		C		
319580.70	4837783.60	1,129	Acer negundo	Manitoba maple	9.0			f	f	f	2												x	4	X		X				1.20		C		
319580.79	4837785.82	1,130	Juglans nigra	black walnut	32.0	28,14		g	g	g	6													4	X		X				4.80		C		
319580.62	4837786.44	1,131	Acer negundo	Manitoba maple	16.0			g	g	g	3					l,n							x	4	X		X				3.60		C		
319572.64	4837780.37	1,132	Acer platanoides	Norway maple	22.0	22,17		g	g	g	8		x	x										4	X		X				3.60		C		
319571.37	4837776.67	1,133	Juglans nigra	black walnut	54.0			g	g	g	8													4	X		X				7.20		C		
319568.90	4837781.78	1,134	Acer platanoides	Norway maple	20.0	14.0		g	g	g	3		x	x									x	4	X		X				3.60		C		
319560.21	4837780.02	1,135	Acer platanoides	Norway maple	12.0			g	g	g	2													4	X		X				3.60		C	X	
319574.74	4837775.02	1,136	Acer platanoides	Norway maple	25.0			g	g	g	7													4	X		X				3.60		C		
319569.46	4837776.40	1,137	Acer negundo	Manitoba maple	5.0			g	g	g	2												x	4	X		X				1.20		C		
319579.16	4837766.17	1,138	Acer negundo	Manitoba maple	10.0			g	g	g	2	10											x	4	X		X				3.60		C		
319581.17	4837764.73	1,139	Acer negundo	Manitoba maple	8.0			g	g	g	4													4	X		X				1.20		C		
319578.78	4837763.46	1,140	Acer platanoides	Norway maple																															

Project:	TA8858
Client:	Hatch
Collectors:	LMC, JCN, JS, and CJA

Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION														Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone			
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury				TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree	
319819.54	4837871.30	1,156	Tilia cordata	little leaf linden	14.0			g	g	g	2												5			X				1.80			C	
319824.10	4837873.66	1,157	Aesculus hippocastanum	horsechestnut	5.0			g	g	g	1												5			X				1.20			C	
319830.21	4837876.93	1,158	Liquidambar styraciflua	sweet gum	8.0			g	g	g	1												5			X				1.20			C	
319834.37	4837879.21	1,159	Liriodendron tulipifera	tulip tree	11.0			g	g	g	2												5			X				1.80			C	
319844.84	4837884.51	1,160	Robinia pseudoacacia	black locust	14.0			g	g	g	2												3			X				1.80			C	
319839.64	4837887.60	1,161	Liriodendron tulipifera	tulip tree	6.0			f	f	f	2	10									x		3			X				1.20			C	
319836.14	4837892.16	1,162	Amelanchier sp.	serviceberry	5.0			g	g	g	1												3			X				1.20			C	
319835.29	4837896.31	1,163	Celtis occidentalis	common hackberry	10.0			g	g	g	3											x	3			X				1.80			C	
319832.03	4837900.02	1,164	Amelanchier sp.	serviceberry	4.0			g	g	g	1												3			X				1.20			C	
319830.81	4837904.22	1,165	Liriodendron tulipifera	tulip tree	6.0			g	g	g	1										x		3			X				1.20			C	
319828.74	4837910.49	1,166	Pinus nigra	Austrian pine	17.0			g	g	g	3												3			X				1.80			C	
319829.56	4837912.21	1,167	Picea pungens	blue spruce	4.0			g	g	g	1												3			X				1.20			C	
319834.94	4838004.93	1,168	Platanus x acerifolia	London plane tree	17.0			g	g	g	3												3			X				1.80			C	
319828.39	4838005.28	1,169	Celtis occidentalis	common hackberry	11.0			g	g	g	3												3			X				1.80			C	
319826.22	4838000.94	1,170	Zelkova serrata	Japanese zelkova	10.0			g	g	g	2												3			X				1.80			C	
319819.23	4837992.38	1,171	Acer saccharinum	silver maple	72.0			g	g	g	10											x	3			X				4.80			C	
319805.22	4837989.74	1,172	Quercus rubra	red oak	7.0			g	g	g	1												3			X				1.20			C	
319796.19	4837984.61	1,173	Acer saccharinum	silver maple	62.0			g	g	g	8												3			X				4.20			C	
319785.05	4837979.39	1,174	Quercus bicolor	swamp white oak	6.0			g	g	g	1												4			X			1.20			C		
319848.47	4837975.87	1,175	Acer platanooides	Norway maple	41.0			g	g	g	7												3			X			tree in conflict with easement	3.00			C	
319844.30	4837972.67	1,176	Acer platanooides	Norway maple	43.0			g	g	g	8												3			X			tree in conflict with easement	3.00			C	
319840.15	4837970.09	1,177	Acer platanooides	Norway maple	35.0			g	g	g	6												3					X		2.40			C	
319837.74	4837966.57	1,178	Acer platanooides	Norway maple	38.0			g	g	g	7	10										x	1	X	X					2.40			C	
319830.09	4837964.86	1,179	Acer platanooides	Norway maple	40.0			g	g	g	7	10									x		3			X				2.40			C	
319828.29	4837965.69	1,180	Acer platanooides	Norway maple	42.0			p	p	p	3		x	x			x						3			X				3.00	leader dead		C	
319823.79	4837961.28	1,181	Acer platanooides	Norway maple	35.0			g	g	g	7	20											x	3			X			2.40			C	
319816.25	4837958.16	1,182	Acer platanooides	Norway maple	39.0			f	f	f	6										x	x	3			X				2.40			C	
319812.96	4837955.68	1,183	Acer platanooides	Norway maple	43.0			g	g	g	6	10											3			X				3.00			C	
319809.57	4837953.23	1,184	Acer platanooides	Norway maple	33.0			g	g	g	7												3			X				2.40			C	
319806.71	4837947.57	1,185	Acer platanooides	Norway maple	32.0			f	f	f	5												1	X	X					2.40			C	
319801.11	4837949.47	1,186	Acer platanooides	Norway maple	35.0			g	g	g	6	10											3			X				2.40			C	
319796.33	4837945.99	1,187	Acer platanooides	Norway maple	35.0			g	g	g	7												3			X				2.40			C	
319722.64	4837926.24	1,188	Thuja occidentalis	eastern white cedar	5.0	4.0		g	g	g	1			x	x								4			X				1.20			C	
319724.43	4837924.28	1,189	Fraxinus pennsylvanica	red ash	8.0			p	p	p	2												4			X				1.20			C	
319719.98	4837927.44	1,190	Acer negundo	Manitoba maple	5.0	3.0		f	f	f	2			x	x								4			X				1.20			C	
319716.64	4837921.17	1,191	Acer saccharinum	silver maple	9.0	7.0		g	g	g	2												4			X				1.20			C	
319714.17	4837920.04	1,192	Acer negundo	Manitoba maple	5.0			g	g	g	1												4			X				1.20			C	
319710.46	4837921.05	1,193	Salix sp.	willow	70.0	24.0		p	p	p	10			x	x								4			X				8.40			C	
319705.68	4837912.02	1,194	Fraxinus pennsylvanica	red ash	5.0			f	f	f	1												x	4			X			1.20			C	
319699.77	4837915.16	1,195	Salix sp.	willow	77.0	50.0		g	g	g	10	30		x	x								4			X				9.60			C	
319693.87	4837913.62	1,196	Acer saccharum ssp. saccharum	sugar maple	10.0			g	g	g	2												4			X				3.60			C	
319695.56	4837910.23	1,197	Salix sp.	willow	49.0			g	g	g	6												4			X				6.00			C	
319696.85	4837910.30	1,198	Fraxinus pennsylvanica	red ash	6.0			g	g	g	1												4			X				1.20			C	
319692.22	4837906.82	1,199	Fraxinus pennsylvanica	red ash	5.0			g	g	g	1												4			X				1.20			C	
319691.54	4837907.83	1,200	Salix sp.	willow	56.0			g	g	g	7	5											4			X				7.20			C	
319687.15	4837905.63	1,201	Salix sp.	willow	55.0	54.0		p	f	f	8			x	x								4			X				7.20			C	
319682.73	4837907.62	1,202	Salix sp.	willow	50.0			f	g	g	7												4			X				6.00			C	
319678.02	4837906.07	1,203	Salix sp.	willow	74.0	56.0		g	g	g	12	10											4			X				9.60			C	
319676.79	4837902.44	1,204	Fraxinus pennsylvanica	red ash	6.0			p	p	p	1												x	4			X			1.20			C	
319680.39	4837903.72	1,205	Fraxinus pennsylvanica	red ash	7.0			g	g	g	1												4			X				1.20			C	
319686.74	4837902.77	1,206	Fraxinus nigra	black ash	15.0			g	g	g	2												4			X				3.60			C	
319671.96	4837900.47	1,207	Fraxinus pennsylvanica	red ash	9.0			f	f	f	1												4			X				1.20			C	
319676.91	4837897.42	1,208	Ulmus americana	white elm	18.0	10.0		g	g	g	4												4			X				3.60	exposed roots		C	
319671.97	4837892.23	1,209	Fraxinus pennsylvanica	red ash	8.0			f	f	f	1												4			X				1.20			C	
319663.97	4837894.57	1,210	Fraxinus pennsylvanica	red ash	6.0			p	p	p	1												x	4			X			1.20			C	

Project: TA8858
Client: Hatch
Collectors: LMC, JCN, JS, and CJA

Appendix A

Date: August 14, 15, 17, 20, 22, 27, 28, 29, September 4, 5, and November 20, 21 and 30 2018, May 21 and 22, 2020, and, July 29, 2021
Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone	
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree				
319662.39	4837889.80	1,211	Ulmus americana	white elm	12.0			f	g	g	5				l,n								4			X				3.60		C		
319661.36	4837889.57	1,212	Salix sp.	willow	64.0			g	g	f	7	30										x	4			X				8.40		C		
319660.59	4837891.52	1,213	Salix sp.	willow	61.0			g	g	f	8	30											4			X				8.40		C		
319665.27	4837898.11	1,214	Fraxinus pennsylvanica	red ash	9.0			p	p	p	1											x	4			X				1.20		C		
319651.80	4837889.53	1,215	Ulmus americana	white elm	15.0			p	p	p	2					x	x	x					4			X				3.60	fallen over	C		
319630.87	4837885.89	1,216	Acer saccharinum	silver maple	14.0			g	g	g	3												4			X				3.60		C		
319626.96	4837887.86	1,217	Salix sp.	willow	23.0			g	g	g	4				l,n								4			X				3.60		C		
319627.98	4837887.48	1,218	Salix sp.	willow	36.0	24.0		g	g	g	8		x	x								x	4			X				4.80		C		
319626.48	4837887.76	1,219	Fraxinus nigra	black ash	5.0			p	p	p	1											x	4			X				1.20		C		
319621.36	4837884.52	1,220	Salix sp.	willow	51.0			p	f	f	10				s,w			x	x			x	4			X				7.20		C		
319621.19	4837879.36	1,221	Fraxinus pennsylvanica	red ash	8.0			p	p	p	1												x	4			X			1.20		C		
319618.43	4837883.09	1,222	Fraxinus nigra	black ash	8.0			p	p	p	1												x	4			X			1.20		C		
319620.94	4837879.71	1,223	Fraxinus pennsylvanica	red ash	6.0			p	p	p	1												x	4			X			1.20		C		
319667.29	4837885.94	1,224	Salix sp.	willow	56.0			p	p	p	5				l,n					x		x	4			X				7.20		C		
319764.91	4837882.17	1,225	Robinia pseudoacacia	black locust	37.0	30.0		g	g	g	6	10											1	X		X				2.40		C		
319759.17	4837881.01	1,226	Acer negundo	Manitoba maple	33.0			g	g	g	6	10											1	X		X				2.40		C		
319755.89	4837881.23	1,227	Acer negundo	Manitoba maple	60.0			g	g	g	6							x	x				1	X	X					3.60		C		
319752.08	4837879.87	1,228	Quercus rubra	red oak	69.0			g	g	g	10												1	X	X					4.20		C		
319704.39	4837851.27	1,229	Quercus rubra	red oak	57.0	26.0		f	f	f	8												1	X		X				3.60	girdled by fence	C		
319688.88	4837842.77	1,230	Quercus rubra	red oak	90.0			g	g	g	12												1	X		X				5.40	beyond fence	C		
319675.28	4837836.52	1,231	Acer negundo	Manitoba maple	11.0			g	g	g	2				l,n								1	X		X				1.80		C		
319668.32	4837834.74	1,232	Acer negundo	Manitoba maple	9.0			f	f	f	2								x				1	X	X					1.20		C		
319665.62	4837833.06	1,233	Acer negundo	Manitoba maple	20.0			f	f	f	2	30								x		x	1	X	X					1.80	lost leader	C		
319664.96	4837830.37	1,234	Acer negundo	Manitoba maple	17.0			p	p	p	2												1	X		X				1.80	leader dead	C		
319663.99	4837830.00	1,235	Quercus rubra	red oak	90.0			g	g	g	12	10							x				1	X		X				5.40	beyond fence	C		
319663.27	4837831.56	1,236	Acer negundo	Manitoba maple	13.0			g	g	g	2												1	X	X					3.60		C		
319661.53	4837828.75	1,237	Acer negundo	Manitoba maple	18.0			g	g	g	2	10										x	1	X		X				3.60		C		
319660.34	4837828.81	1,238	Acer negundo	Manitoba maple	9.0			p	p	p	2	70						x	x			x	1	X		X				1.20		C		
319658.59	4837832.17	1,239	Quercus rubra	red oak	69.0			g	g	g	12												1	X	X					8.40		C		
319652.10	4837823.84	1,240	Acer negundo	Manitoba maple	18.0			p	p	p	3	70						x	x		x		4	X	X			tree in conflict with proposed access route		3.60	topped	C		
319645.55	4837820.21	1,241	Acer negundo	Manitoba maple	41.0			p	p	p	4	70						x	x		x		4	X	X			tree in conflict with proposed access route		6.00	topped	C		
319566.63	4837753.07	1,242	Acer platanoides	Norway maple	23.0			g	g	g	5												4	X		X					3.60		C	
319565.58	4837752.27	1,243	Acer saccharum ssp. saccharum	sugar maple	7.0			g	g	g	2												4			X					1.20		C	
319567.04	4837756.11	1,244	Prunus serotina	black cherry	10.0			f	f	f	2	10			l,e					x			4	X		X					3.60		C	
319569.98	4837758.87	1,245	Fraxinus pennsylvanica	red ash	9.0			p	p	p	2											x	4	X		X					1.20		C	
319570.04	4837761.70	1,246	Quercus rubra	red oak	31.0			g	g	g	5												4	X		X					4.80		C	
319568.53	4837764.40	1,247	Acer platanoides	Norway maple	35.0			g	g	g	7				l,n								4	X		X					4.80		C	
319566.08	4837759.05	1,248	Acer saccharum ssp. saccharum	sugar maple	20.0	16.0		g	g	g	4		x	x									4	X		X					3.60		C	
319566.32	4837758.31	1,249	Quercus rubra	red oak	85.0			g	g	g	12	30								x			4	X		X					10.80		C	
319555.92	4837756.05	1,250	Fraxinus pennsylvanica	red ash	8.0			p	p	p	1											x	4			X					1.20		C	
319557.10	48																																	



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone		
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Private				TPZ(m) Ravine/Natural Feature	
319528.19	4837744.76	1,266	Salix sp.	willow	130.0			p	p	p	6							x	x	x		x		4			X				15.60	leader dead	C	
319529.38	4837743.39	1,267	Salix sp.	willow	85.0			f	f	f	12	30									x		x	4			X				10.80		C	
319532.13	4837742.28	1,268	Acer negundo	Manitoba maple	12.0			g	g	g	3													4			X				3.60		C	
319533.76	4837743.69	1,269	Acer negundo	Manitoba maple	17.0			p	p	p	2							x	x			x		4			X				3.60	leader dead	C	
319536.39	4837747.09	1,270	Acer negundo	Manitoba maple	16.0	11.0		g	g	g	3			x	x									4			X				3.60		C	
319537.39	4837752.18	1,271	Acer saccharinum	silver maple	22.0	15.0		p	p	f	3										x			4			X				3.60	leader dead	C	
319539.13	4837743.61	1,272	Acer negundo	Manitoba maple	10.0	5.0		g	g	g	2													4			X				3.60		C	
319537.38	4837742.88	1,273	Acer platanoides	Norway maple	7.0			g	g	g	2													4			X				1.20		C	
319534.37	4837740.75	1,274	Acer platanoides	Norway maple	14.0			g	g	g	3													4			X				3.60		C	
319534.48	4837740.98	1,275	Acer negundo	Manitoba maple	13.0			f	f	f	3													4			X				3.60		C	
319535.88	4837740.17	1,276	Acer negundo	Manitoba maple	17.0			f	f	f	3													4			X				3.60		C	
319532.82	4837740.91	1,277	Salix sp.	willow	85.0			p	f	f	12	30			s,s		x	x	x		x		4			X				10.80	leader split	C		
319535.42	4837737.45	1,278	Acer negundo	Manitoba maple	9.0			f	f	f	2													4			X				1.20		C	
319534.00	4837739.19	1,279	Acer platanoides	Norway maple	8.0			g	g	g	2													4			X				1.20		C	
319536.24	4837738.01	1,280	Acer negundo	Manitoba maple	17.0	7.0		f	f	f	4													4			X				3.60		C	
319533.20	4837733.45	1,281	Acer negundo	Manitoba maple	11.0			g	g	g	2									x		x		4			X				3.60		C	
319534.89	4837731.79	1,282	Acer platanoides	Norway maple	6.0			g	g	g	2													4			X				1.20		C	
319533.96	4837730.05	1,283	Acer platanoides	Norway maple	18.0			g	g	g	5													4			X				3.60		C	
319532.64	4837731.17	1,284	Acer platanoides	Norway maple	27.0			g	g	g	7													4			X				3.60		C	
319538.48	4837729.64	1,285	Acer platanoides	Norway maple	9.0	8.0		g	g	g	3													4			X				1.20		C	
319541.34	4837730.03	1,286	Acer platanoides	Norway maple	5.0			g	g	g	2													4			X				1.20		C	
319540.75	4837728.05	1,287	Acer platanoides	Norway maple	8.0			g	g	g	3													4			X				1.20		C	
319540.19	4837726.86	1,288	Acer platanoides	Norway maple	9.0			g	g	g	3													4			X				1.20		C	
319538.21	4837724.70	1,289	Ailanthus altissima	tree of heaven	30.0			g	g	g	6	10												4			X				4.80		C	
319538.77	4837725.40	1,290	Acer negundo	Manitoba maple	34.0			g	g	g	7													4			X				4.80		C	
319537.07	4837722.83	1,291	Ailanthus altissima	tree of heaven	37.0			g	g	g	7													4			X				4.80		C	
319538.38	4837723.75	1,292	Acer negundo	Manitoba maple	44.0	30.0		g	g	g	7	10	x	x								x		4			X				6.00		C	
319539.34	4837718.31	1,293	Acer negundo	Manitoba maple	34.0			g	g	g	7					l,s								4			X				4.80		C	
319542.29	4837722.22	1,294	Acer platanoides	Norway maple	13.0			g	g	g	2													4			X				3.60		C	
319542.90	4837726.44	1,295	Acer platanoides	Norway maple	11.0			g	g	g	2													4			X				3.60		C	
319548.86	4837728.40	1,296	Acer platanoides	Norway maple	41.0			g	g	g	7					l,s						x		4			X				6.00		C	
319549.20	4837724.74	1,297	Acer negundo	Manitoba maple	5.0			g	g	g	1					l,s							x	4			X				1.20		C	
319553.03	4837734.17	1,298	Acer platanoides	Norway maple	20.0			g	g	g	5													4			X				3.60		C	
319552.54	4837733.04	1,299	Acer platanoides	Norway maple	11.0			g	g	g	4													4			X				3.60		C	
319554.94	4837730.06	1,300	Acer platanoides	Norway maple	8.0			p	p	p	2													4			X				1.20		C	
319549.87	4837734.39	1,301	Acer platanoides	Norway maple	18.0			g	g	g	4													4			X				3.60		C	
319547.64	4837735.38	1,302	Acer platanoides	Norway maple	10.0			g	g	g	3													4			X				3.60		C	
319545.72	4837733.52	1,303	Acer platanoides	Norway maple	17.0			g	g	g	4													4			X				3.60		C	
319544.19	4837737.17	1,304	Acer platanoides	Norway maple	61.0			f	g	g	7	30									x			4			X				8.40	exposed roots	C	
319542.61	4837743.48	1,305	Acer negundo	Manitoba maple	13.0	9,8		f	f	g	4								x	x				4			X				3.60	exposed roots	C	
319551.16	4837740.50	1,306	Acer negundo	Manitoba maple	13.0			g	g	g	3																							

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Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone		
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree	
317823.79	4836816.22	1,321	Acer saccharinum	silver maple	69.0		X	g	g	g	8												2			X			4.20			C		
317830.21	4836822.36	1,322	Acer saccharinum	silver maple	50.0	45,42,40	X	g	g	g	7	10											2			X			3.00			C		
317835.95	4836828.67	1,323	Pinus nigra	Austrian pine	47.0		X	g	g	g	4	10											2			X			3.00			C		
317838.12	4836831.34	1,324	Pinus nigra	Austrian pine	25.0		X	g	g	g	3	10											2			X			1.80			C		
317841.73	4836833.66	1,325	Pinus nigra	Austrian pine	45.0		X	g	g	g	5	10											2			X			3.00			C		
317845.57	4836837.17	1,326	Pinus nigra	Austrian pine	32.0		X	g	g	g	3	10											2			X			2.40			C		
317855.58	4836845.66	1,327	Pinus nigra	Austrian pine	43.0		X	g	g	f	4	30											2			X			3.00			C		
317859.72	4836848.53	1,328	Pinus nigra	Austrian pine	45.0		X	g	g	f	3	10											2			X			3.00			C		
317861.57	4836852.36	1,329	Pinus nigra	Austrian pine	43.0		X	g	g	g	5	10											2			X			3.00			C		
317863.52	4836855.65	1,330	Pinus nigra	Austrian pine	30.0		X	g	g	g	3												2			X			2.40			C		
317865.23	4836849.46	1,331	Pinus nigra	Austrian pine	31.0		X	g	g	g	3												2			X			2.40			C		
317869.78	4836855.64	1,332	Tilia cordata	little leaf linden	30.0		X	g	g	g	4												2			X			2.40			C		
317897.84	4836883.95	1,333	Salix x sepulcralis	weeping willow	92.0		X	g	f	p	10	40		X						X			2			X			6.00			C		
317903.43	4836885.06	1,334	Pinus nigra	Austrian pine	32.0		X	g	g	g	3												2			X			2.40			C		
317906.79	4836888.18	1,335	Pinus nigra	Austrian pine	40.0		X	g	g	g	5		X	X									2			X			2.40			C		
317912.67	4836893.63	1,336	Salix x sepulcralis	weeping willow	82.0		X	g	g	g	7												2			X			5.40			C		
317935.16	4836909.66	1,337	Populus deltoidesspp. deltoides	cottonwood	73.0		X	g	g	g	5	30											2			X			4.80			C		
317937.85	4836911.48	1,338	Fraxinus pennsylvanica	red ash	33.0		X	f	f	f	4	30											2			X			2.40			C		
318813.60	4837418.69	1,339	Quercus alba	white oak	100.0		X	g	g	g	10												3			X			6.00			C		
318825.16	4837424.92	1,340	Quercus macrocarpa	bur oak	28.0		X	f	f	f	3												3			X			1.80			C		
318837.41	4837433.58	1,341	Syringa reticulata	ivory silk tree	15.0		X	g	g	g	2												3			X			1.20			C		
318856.19	4837441.51	1,342	Quercus alba	white oak	100.0		X	g	g	g	8												3			X			6.00			C		
318900.36	4837469.07	1,343	Fraxinus americana	red ash	72.0		X	g	g	g	5												3			X			4.80			C		
318917.51	4837478.04	1,344	Quercus rubra	red oak	90.0		X	g	g	g	10												3			X			6.00			C		
318932.68	4837489.15	1,345	Quercus alba	white oak	100.0		X	g	g	g	12												3			X			6.00			C		
318948.10	4837496.95	1,346	Quercus rubra	red oak	95.0		X	g	g	g	10												3			X			6.00			C		
318971.02	4837511.66	1,347	Acer platanoides	Norway maple	52.0		X	g	g	g	6												3			X			3.60			C		
318985.70	4837521.75	1,348	Liriodendron tulipifera	tulip tree	13.0		X	g	g	g	2												3			X			1.80			C		
319765.54	4837931.07	1,349	Acer platanoides	Norway maple	40.0		X	g	g	g	3												4			X				4.80			C	
319769.39	4837933.42	1,350	Acer platanoides	Norway maple	38.0		X	g	g	g	4												4			X				4.80			C	
319777.27	4837936.96	1,351	Acer platanoides	Norway maple	43.0		X	g	g	g	4												4			X				6.00			C	
319781.92	4837939.06	1,352	Acer platanoides	Norway maple	44.0		X	g	g	g	4												4			X				6.00			C	
319786.53	4837941.64	1,353	Acer platanoides	Norway maple	43.0		X	g	g	g	3												3			X			3.00			C		
319789.80	4837995.55	1,354	Liriodendron tulipifera	tulip tree	12.0		X	g	g	g	1												5			X			1.80			C		
319855.45	4837980.24	1,355	Picea glauca	white spruce	19.0		X	f	f	f	2												3				X	easement within 20% TPZ	1.80			C		
319854.75	4837981.78	1,356	Picea glauca	white spruce	20.0		X	f	f	f	3												3			X	easement within 20% TPZ	1.80			C			
319855.79	4837984.38	1,357	Picea glauca	white spruce	17.0		X	f	f	f	2												3			X			1.80			C		
319858.51	4837985.87	1,358	Picea glauca	white spruce	14.0		X	f	p	p	2												3			X			1.80			C		
319856.66	4837988.19	1,359	Picea glauca	white spruce	18.0		X	f	p	p	2												3			X			1.80			C		
319854.83	4837991.42	1,360	Acer platanoides	Norway maple	59.0		X	g	g	g	4												3			X			3.60			C		
319852.19	4837995.03	1,361	Acer platanoides	Norway maple	41.0	38	X	g	g	g	4												3											

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								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree
320015.44	4838085.37	1,376	Ulmus pumila	Siberian elm	12.0		X	g	g	g	2												3			X			1.80			B	
320015.31	4838086.23	1,377	Ulmus pumila	Siberian elm	14.0	12	X	g	g	g	2												3			X			1.80			B	
320015.74	4838092.04	1,378	Ulmus pumila	Siberian elm	24.0	19,10	X	g	g	g	3												3			X			1.80			B	
320018.14	4838093.28	1,379	Ulmus pumila	Siberian elm	23.0	14,17	X	g	g	g	3												3			X			1.80			B	
320014.27	4838099.40	1,380	Ulmus pumila	Siberian elm	19.0	19	X	g	g	g	3												3			X			1.80			B	
320013.75	4838104.33	1,381	Acer platanoides	Norway maple	12.0		X	g	g	g	2												3			X			1.80			B	
320013.81	4838104.78	1,382	Acer platanoides	Norway maple	21.0		X	g	g	g	2												3			X			1.80			B	
320012.81	4838105.09	1,383	Acer negundo	Manitoba maple	30.0	25,19	X	g	g	g	5												3			X			2.40			B	
320012.18	4838105.95	1,384	Acer platanoides	Norway maple	17.0		X	g	g	g	2												3			X			1.80			B	
320010.81	4838106.40	1,385	Ulmus pumila	Siberian elm	27.0	19	X	g	g	g	3												3			X			1.80			B	
320010.69	4838107.26	1,386	Fraxinus pennsylvanica	red ash	14.0		X	g	g	g	2												3			X			1.80			B	
320007.56	4838110.30	1,387	Ulmus pumila	Siberian elm	11.0		X	g	g	g	2												3			X			1.80			B	
320011.20	4838113.47	1,388	Ulmus pumila	Siberian elm	24.0		X	g	g	g	3												3			X			1.80			B	
320016.75	4838119.00	1,389	Ulmus pumila	Siberian elm	31.0	24,23,22	X	g	g	g	5	10									X		3			X			2.40			B	
320020.17	4838119.68	1,390	Ulmus pumila	Siberian elm	41.0	30	X	g	g	g	4	10	X	X									3			X			3.00			B	
320033.00	4838110.83	1,391	Acer negundo	Manitoba maple	80.0		X	p	p	p	6	10					X	X				X	3			X			4.80			B	
320599.44	4838401.14	1,392	Quercus macrocarpa	bur oak	8.0		X	f	f	f	1												3				tree in conflict with temporay easement	1.20			B		
320601.96	4838394.13	1,393	Acer platanoides	Norway maple	37.0		X	g	g	g	4												3		X		tree in conflict with temporay easement	2.40			B		
320608.47	4838396.30	1,394	Acer platanoides	Norway maple	48.0		X	g	g	g	4												3				X	easement within 20% TPZ	3.00			B	
320620.91	4838398.26	1,395	Acer platanoides	Norway maple	39.0		X	g	g	g	4				S,S				X				3			X			2.40			B	
320624.52	4838399.71	1,396	Acer platanoides	Norway maple	29.0	23	X	g	g	g	4												3			X			1.80			B	
320635.43	4838406.53	1,397	Acer platanoides	Norway maple	32.0		X	g	g	g	4								X				3			X			2.40			B	
320640.87	4838408.44	1,398	Acer platanoides	Norway maple	28.0		X	g	g	g	4									X			3			X			1.80			B	
320644.48	4838410.52	1,399	Acer platanoides	Norway maple	38.0		X	g	g	g	4												3			X			2.40			B	
320649.94	4838412.74	1,400	Acer platanoides	Norway maple	35.0		X	f	g	g	4							X	X				3			X			2.40			B	
320655.98	4838415.79	1,401	Acer platanoides	Norway maple	37.0	18	X	g	g	g	4												3			X			2.40			B	
320661.37	4838418.74	1,402	Acer platanoides	Norway maple	40.0	33	X	g	g	g	4												3			X			2.40			B	
320676.71	4838428.70	1,403	Acer platanoides	Norway maple	30.0	20	X	g	g	g	3												3			X			2.40			B	
320680.49	4838430.15	1,404	Acer platanoides	Norway maple	33.0		X	g	g	g	3												3			X			2.40			B	
320688.28	4838436.20	1,405	Acer platanoides	Norway maple	45.0		X	g	g	g	4												3			X			3.00			B	
320692.45	4838439.25	1,406	Acer platanoides	Norway maple	40.0		X	g	g	g	4												3			X			2.40			B	
320691.76	4838443.53	1,407	Acer platanoides	Norway maple	39.0		X	g	g	g	4												3			X			2.40			B	
320826.85	4838506.53	1,408	Acer negundo	Manitoba maple	31.0	30	X	g	g	g	5												5			X			2.40			B	
320822.57	4838512.20	1,409	Acer negundo	Manitoba maple	10.0	12,14	X	g	g	g	2												5			X			1.80			B	
320825.74	4838511.62	1,410	Acer negundo	Manitoba maple	15.0	10,12	X	g	g	g	3												5			X			1.80			B	
320825.30	4838514.38	1,411	Acer negundo	Manitoba maple	21.0	15,14,10	X	g	g	g	4												5			X			1.80			B	
320819.30	4838534.66	1,412	Acer negundo	Manitoba maple	10.0	8,7	X	g	g	g	2												5			X			1.80			B	
320821.30	4838535.37	1,413	Ulmus pumila	Siberian elm	15.0		X	g	g	g	2												5			X			1.80			B	
320819.07	4838539.38	1,414	Acer negundo	Manitoba maple	15.0		X	g	g	g	2												5			X			1.80			B	
320817.74	4838541.82	1,415	Acer negundo	Manitoba maple	14.0	12,10	X	g	g	g	3												5			X			1.80			B	
320814.51	4838546.5																																

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322251.55	4838960.10	1,431	Acer saccharum ssp. saccharum	sugar maple	17.0		X	g	g	g	2									X			3			X				1.80			B	
322253.86	4838960.66	1,432	Acer saccharum ssp. saccharum	sugar maple	7.0		X	g	g	g	1												3			X				1.20			B	
322255.49	4838962.27	1,433	Abies sp.	fir	10.0		X	g	g	g	2												3			X				1.80			B	
322259.49	4838962.38	1,434	Abies sp.	fir	17.0		X	g	g	g	2												3			X				1.80			B	
322266.09	4838965.45	1,435	Tilia cordata	little leaf linden	26.0		X	g	g	g	3									X			3			X				1.80			B	
322273.53	4838966.38	1,436	Tilia cordata	little leaf linden	25.0		X	g	g	g	3										X		3			X				1.80			B	
322278.16	4838965.42	1,437	Quercus rubra	red oak	11.0		X	g	g	g	2												3			X				1.80			B	
322281.09	4838967.53	1,438	Quercus rubra	red oak	15.0		X	g	g	g	2												3			X				1.80			B	
322285.71	4838968.64	1,439	Quercus rubra	red oak	10.0		X	g	g	g	2												3			X				1.80			B	
322294.59	4838972.29	1,440	Abies sp.	fir	19.0		X	g	g	g	2												3			X				1.80			B	
322298.74	4838974.20	1,441	Abies sp.	fir	15.0		X	g	g	g	2												3			X				1.80			B	
322302.78	4838978.44	1,442	Acer rubrum	red maple	18.0		X	g	g	g	2												3			X				1.80			B	
322303.05	4838975.92	1,443	Abies sp.	fir	21.0		X	g	g	g	3												3			X				1.80			B	
322303.78	4838983.59	1,444	Acer rubrum	red maple	14.0		X	g	g	g	2												3			X				1.80			B	
322304.90	4838980.20	1,445	Acer rubrum	red maple	17.0		X	g	g	g	2												3			X				1.80			B	
322424.23	4839014.39	1,446	Acer sp.	maple	100.0		X	g	g	g	8												2				X	retaining wall within minimum TPZ	6.00		hard to identify to species	B		
322431.78	4839016.91	1,447	Acer negundo	Manitoba maple	31.0		X	g	g	g	4												3			X				2.40			B	
322432.76	4839018.18	1,448	Acer negundo	Manitoba maple	30.0	30	X	g	g	g	5												3			X				2.40			B	
322482.22	4839035.71	1,449	Ulmus pumila	Siberian elm	45.0	30,28	X	g	g	g	8												3			X				3.00			B	
322509.87	4839046.93	1,450	Quercus rubra	red oak	65.0	55,60	X	g	g	g	12												5			X				4.20			B	
322570.75	4839070.08	1,451	Ulmus pumila	Siberian elm	67.0	54	X	f	f	f	6												2			X				4.20			B	
322580.20	4839069.48	1,452	Acer negundo	Manitoba maple	39.0	29	X	f	f	f	4												2			X				2.40			B	
322614.51	4839086.81	1,453	Acer negundo	Manitoba maple	30.0	26,23	X	g	g	g	4												3			X				2.40			B	
322618.74	4839090.23	1,454	Picea pungens	blue spruce	5.0		X	g	g	g	1												3			X				1.20			B	
322620.32	4839084.70	1,455	Acer negundo	Manitoba maple	16.0		X	g	g	g	2												3			X				1.80			B	
322628.31	4839096.06	1,456	Amelanchier sp.	serviceberry	4.0		X	g	g	g	1												3			X				1.20			B	
322635.21	4839094.62	1,457	Amelanchier sp.	serviceberry	4.0		X	g	g	g	1												3			X				1.20			B	
322640.86	4839100.10	1,458	Amelanchier sp.	serviceberry	4.0		X	g	g	g	1												3			X				1.20			B	
322659.00	4839101.22	1,459	Acer saccharinum	silver maple	90.0		X	g	g	g	8												3			X				6.00			B	
322664.34	4839106.19	1,460	Picea glauca	white spruce	3.0		X	g	g	g	1												3			X				1.20			B	
322671.88	4839109.75	1,461	Picea glauca	white spruce	3.0		X	g	g	g	1												3			X				1.20			B	
322677.29	4839113.67	1,462	Picea glauca	white spruce	4.0		X	g	g	g	1												3			X				1.20			B	
322691.37	4839119.26	1,463	Abies sp.	fir	5.0		X	g	g	g	1												3			X				1.20			B	
322697.72	4839122.26	1,464	Ulmus japonica x wilsoniana	accolade elm	4.0		X	g	g	g	1												3			X				1.20			B	
322892.50	4839213.17	1,465	Acer negundo	Manitoba maple	30.0		X	g	g	g	4												2		X			tree in conflict with temporay easement	2.40			B		
322921.25	4839229.33	1,466	Acer negundo	Manitoba maple	30.0		X	g	g	g	4												2		X			tree in conflict with temporay easement	2.40			B		
322922.48	4839229.78	1,467	Ulmus pumila	Siberian elm	32.0	30	X	g	g	g	5												2		X			tree in conflict with temporay easement	2.40			B		
323059.38	4839317.56	1,468	Ulmus pumila	Siberian elm	24.0		X	g	g	g	3												5		X			in conflict with Warden Ave site access	1.80			B	X	
323059.24	4839325.47	1,469	Ulmus pumila	Siberian elm	10.0		X	g	g	g	1												5		X			in conflict with Warden Ave site access	1.80			B		
323053.40	4839347.39	1,470	Ulmus pumila	Siberian elm																														

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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION															Tree Protection Measures							COMMENTS	Package	Within OnCorr Vegetation Clearance Zone	
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree
323082.85	4839358.03	1,486	Ulmus americana	white elm	12.0		X	g	g	g	1												5		X			tree in conflict with easement	1.80			B	
323082.94	4839357.64	1,487	Acer negundo	Manitoba maple	26.0		X	g	g	g	3												5		X			tree in conflict with easement	1.80			B	
323083.23	4839380.91	1,488	Acer negundo	Manitoba maple	19.0	18	X	g	g	f	3	30										X	5			X	tree located outside of proposed easement	1.80			B		
323084.63	4839381.88	1,489	Acer negundo	Manitoba maple	16.0		X	g	g	g	2												5			X	tree located outside of proposed easement	1.80			B		
323085.27	4839381.69	1,490	Ulmus pumila	Siberian elm	28.0		X	g	g	g	3											X	5			X	tree located outside of proposed easement	1.80			B		
323086.23	4839359.70	1,491	Ulmus pumila	Siberian elm	26.0	17	X	g	g	f	5	30											5		X		tree in conflict with easement	1.80			B		
323086.63	4839360.80	1,492	Acer platanoides	Norway maple	13.0		X	g	g	g	2												5		X		tree in conflict with easement	1.80			B		
323089.44	4839383.23	1,493	Acer negundo	Manitoba maple	14.0	13	X	f	g	g	2												5			X	tree located outside of proposed easement	1.80			B		
323091.09	4839362.62	1,494	Acer negundo	Manitoba maple	22.0	15	X	g	g	f	4	30								X			5		X		tree in conflict with easement	1.80			B		
323092.60	4839352.01	1,495	Ulmus americana	white elm	34.0		X	g	g	g	3												5		X		tree in conflict with easement	2.40			B		
323095.36	4839351.77	1,496	Acer negundo	Manitoba maple	10.0		X	g	g	g	1												5		X		tree in conflict with grading limits	1.80			B		
323095.56	4839365.22	1,497	Acer negundo	Manitoba maple	24.0	9	X	f	f	f	3												5		X		tree in conflict with easement	1.80			B		
323095.64	4839369.25	1,498	Acer negundo	Manitoba maple	24.0	17,12	X	f	f	f	4												5		X		tree in conflict with easement	1.80			B		
323096.09	4839363.02	1,499	Acer negundo	Manitoba maple	23.0	10	X	f	f	f	4												5		X		tree in conflict with easement	1.80			B		
323096.96	4839386.14	1,500	Acer negundo	Manitoba maple	53.0	32	X	g	g	g	6	10										X	5			X	tree located outside of proposed easement	3.60			B		
323097.49	4839362.38	1,501	Sorbus aucuparia	European mountainash	14.0	10,7	X	g	g	g	3												5		X		tree in conflict with easement	1.80			B		
323098.29	4839361.33	1,502	Acer negundo	Manitoba maple	14.0		X	g	g	g	2												5		X		tree in conflict with easement	1.80			B		
323102.20	4839357.64	1,503	Ulmus americana	white elm	32.0	23	X	g	g	g	6												5		X		tree in conflict with easement	2.40			B		
323103.28	4839356.27	1,504	Ulmus pumila	Siberian elm	23.0		X	g	g	g	4												N/A		X		tree in conflict with grading limits	1.80			B		
323103.69	4839354.90	1,505	Ulmus pumila	Siberian elm	26.0		X	g	g	g	4												N/A		X		tree in conflict with grading limits	1.80			B		
323105.29	4839370.80	1,506	Acer negundo	Manitoba maple	23.0		X	p	f	f	3												5		X		tree in conflict with easement	1.80			B		
323105.83	4839354.60	1,507	Acer negundo	Manitoba maple	31.0	21,14	X	p	f	f	4												1	X	X		tree in conflict with grading limits	2.40		tree located in permanent easement	B	X	
323106.09	4839353.29	1,508	Ulmus pumila	Siberian elm	14.0		X	g	g	g	2												N/A		X		tree in conflict with grading limits	1.80			B	X	
323107.57	4839363.58	1,509	Acer negundo	Manitoba maple	14.0		X	g	g	g	2												5		X		tree in conflict with easement	1.80			B		
323112.55	4839371.64	1,510	Ulmus pumila	Siberian elm	41.0	31,25	X	g	g	g	6												5		X		tree in conflict with easement	3.00			B		
323113.25	4839359.56	1,511	Acer negundo	Manitoba maple	45.0	30	X	p	f	f	6												1	X	X		tree in conflict with grading limits	3.00		tree located in permanent easement	B	X	
323119.39	4839364.01	1,512	Acer negundo	Manitoba maple	27.0	25	X	p	f	f	6												N/A		X		tree in conflict with grading limits	1.80			B	X	
323143.07	4839383.45	1,513	Acer negundo	Manitoba maple	48.0		X	g	g	g	6												1	X	X		tree in conflict with grading limits	3.00		tree located in permanent easement	B	X	
323143.70	4839389.13	1,514	Acer platanoides	Norway maple	14.0		X	g	g	g	2												5		X		tree in conflict with easement	1.80			B		
323145.94	4839390.92	1,515	Acer negundo	Manitoba maple	24.0		X	p	f	f	3												5		X		tree in conflict with easement	1.80			B		
323146.49	4839410.90	1,516	Acer negundo	Manitoba maple	34.0	18,27	X	g	g	g	5												5		X		tree in conflict with easement	2.40			B		
323147.73	4839394.41	1,517	Acer negundo	Manitoba maple	34.0	28	X	p	f	f	5												5		X		tree in conflict with easement	2.40			B		
323149.08	4839394.73	1,518	Acer negundo	Manitoba maple	35.0		X	f	f	f	4												5		X		tree in conflict with easement	2.40			B		
323152.58	4839414.91	1,519	Acer negundo	Manitoba maple	22.0	14,18,17	X	f	g	g	2												5		X		tree in conflict with easement	1.80			B		
323154.44	4839422.28	1,520	Ulmus pumila	Siberian elm	17.0	15	X	g	g	g	2												5				tree located outside of proposed easement	1.80			B		
323164.37	4839400.98	1,521	Acer negundo	Manitoba maple	29.0	28,25	X	p	p	p	5												N/A		X		tree in conflict with grading limits	1.80			B	X	
323166.29	4839426.20	1,522	Ulmus pumila	Siberian elm	14.0	8,7	X	g	g	g	2												5				tree located outside of proposed easement	1.80			B		
323169.78	4839409.62	1,523	Acer negundo	Manitoba maple	22.0	20,15	X	p	p	p	3												N/A		X		tree in conflict with easement	1.80			B	X	
323174.32	4839428.49	1,524	Ulmus pumila	Siberian elm	15.0	12	X	g	g	g	2												5				tree located outside of proposed easement	1.80			B		
323177.11	4839413.58	1,525	Ulmus pumila	Siberian elm	20.0	18,11,10	X	f	f	f	3												N/A		X		tree in conflict with grading limits	1.80			B	X	
323180.37	4839418.53	1,526	Acer negundo	Manitoba maple	19.0	15,15	X	f	f	f	3												N/A		X		tree in conflict with easement	1.80			B	X	
323185.42	4839421.78	1,527	Acer negundo	Manitoba maple	23.0	18,17	X	g	g	g	6												N/A		X		tree in conflict with grading limits	1.80			B	X</	

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Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone	
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree
323277.34	4839507.70	1,537	Acer negundo	Manitoba maple	35.0	15,22	X	g	g	g	4											1	X	X			easement 30cm from tree	2.40			B	X	
323280.80	4839512.80	1,538	Acer negundo	Manitoba maple	17.0	15,15	X	g	g	g	4											1	X	X			tree in conflict with easement	1.80			B	X	
323287.15	4839520.87	1,539	Acer negundo	Manitoba maple	25.0	18,14,15	X	g	g	g	4											1	X	X			tree in conflict with easement	1.80			B	X	
323300.65	4839535.74	1,540	Acer negundo	Manitoba maple	17.0	13	X	g	g	g	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323308.01	4839542.77	1,541	Acer negundo	Manitoba maple	53.0	30,20	X	f	f	f	4											1	X	X			tree in conflict with grading limits	3.60			B	X	
323314.08	4839548.46	1,542	Acer negundo	Manitoba maple	37.0	27,22	X	g	g	f	4											1	X	X			tree in conflict with grading limits	2.40			B	X	
323316.25	4839550.75	1,543	Acer negundo	Manitoba maple	16.0	18	X	f	f	f	3											1	X	X			tree in conflict with grading limits	1.80			B	X	
323318.76	4839554.91	1,544	Acer negundo	Manitoba maple	12.0	11.0	X	g	g	g	3											1	X	X			tree in conflict with grading limits	1.80			B	X	
323320.17	4839558.80	1,545	Gleditsia triacanthos	honey locust	16.0		X	p	p	p	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323323.93	4839563.73	1,546	Acer platanoides	Norway maple	25.0		X	g	g	g	4											1	X	X			tree in conflict with grading limits	1.80			B	X	
323326.93	4839568.09	1,547	Acer platanoides	Norway maple	23.0	12	X	g	g	g	4											1	X	X			tree in conflict with grading limits	1.80			B	X	
323331.10	4839570.85	1,548	Acer negundo	Manitoba maple	15.0	13,10	X	f	f	f	4											1	X	X			tree in conflict with grading limits	1.80			B	X	
323331.10	4839573.00	1,549	Acer platanoides	Norway maple	20.0		X	g	g	g	3											1	X	X			tree in conflict with grading limits	1.80			B	X	
323335.01	4839578.36	1,550	Acer platanoides	Norway maple	11.0		X	g	g	g	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323335.73	4839574.65	1,551	Acer negundo	Manitoba maple	23.0		X	g	g	f	3											1	X	X			tree in conflict with grading limits	1.80			B	X	
323347.40	4839587.43	1,552	Acer negundo	Manitoba maple	38.0	37,25	X	g	g	g	7											1	X	X			tree in conflict with grading limits	2.40			B	X	
323350.49	4839593.78	1,553	Picea pungens	blue spruce	19.0		X	g	g	g	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323353.13	4839598.85	1,554	Acer platanoides	Norway maple	24.0		X	g	g	g	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323353.77	4839597.35	1,555	Picea pungens	blue spruce	20.0		X	g	g	f	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323355.83	4839600.25	1,556	Picea pungens	blue spruce	19.0		X	g	g	f	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323356.71	4839603.41	1,557	Acer platanoides	Norway maple	17.0		X	g	g	g	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323356.87	4839602.01	1,558	Picea pungens	blue spruce	18.0		X	g	g	g	2											1	X	X			tree in conflict with grading limits	1.80			B	X	
323359.06	4839602.97	1,559	Acer negundo	Manitoba maple	33.0	29	X	p	p	p	4											1	X	X			tree in conflict with grading limits	2.40			B	X	
323361.37	4839609.93	1,560	Acer platanoides	Norway maple	25.0		X	g	g	g	4											1	X	X			tree in conflict with grading limits	1.80			B	X	
323362.31	4839606.49	1,561	Acer negundo	Manitoba maple	42.0		X	p	f	f	4											1	X	X			tree in conflict with grading limits	3.00			B	X	
323363.68	4839609.22	1,562	Acer negundo	Manitoba maple	32.0	29	X	p	p	p	2											1	X	X			tree in conflict with grading limits	2.40			B	X	
323367.32	4839614.84	1,563	Acer platanoides	Norway maple	16.0	11,10	X	g	g	g	3											1	X	X			tree in conflict with grading limits	1.80			A	X	
323368.52	4839615.52	1,564	Picea pungens	blue spruce	20.0		X	g	g	g	3											1	X	X			tree in conflict with grading limits	1.80			A	X	
323369.16	4839618.11	1,565	Picea pungens	blue spruce	20.0		X	g	g	f	3											1	X	X			tree in conflict with grading limits	1.80			A	X	
323371.34	4839618.57	1,566	Picea pungens	blue spruce	20.0		X	g	g	g	3											1	X	X			tree in conflict with grading limits	1.80			A	X	
323372.32	4839621.61	1,567	Picea pungens	blue spruce	19.0		X	g	g	f	2											1	X	X			tree in conflict with grading limits	1.80			A	X	
323369.85	4839625.44	1,568	Acer negundo	Manitoba maple	31.0	27,28	X	g	g	g	4											5			X				2.40			A	
323368.45	4839632.63	1,569	Corylus colurna	Turkish hazel	14.0		X	g	g	g	2											3			X				1.80			A	
323377.31	4839626.48	1,570	Acer negundo	Manitoba maple	37.0	33	X	f	f	f	3											1	X	X			tree in conflict with grading limits	2.40			A	X	
323374.30	4839631.23	1,571	Picea glauca	white spruce	15.0		X	g	g	g	3											3			X				1.80			A	
323378.82	4839629.16	1,572	Acer negundo	Manitoba maple	22.0	20,14	X	f	f	f	3											1	X	X			tree in conflict with grading limits	1.80			A	X	
323380.39	4839630.28	1,573	Acer negundo	Manitoba maple	26.0	20,18,14	X	g	g	g	4											1	X	X			tree in conflict with grading limits	1.80			A	X	
323367.35	4839642.82	1,574	Acer platanoides	Norway maple	24.0		X	g	g	g	3											3			X				1.80			A	
323376.74	4839635.91	1,575	Picea glauca	white spruce	11.0		X	g	g	g	2											3			X				1.80			A	
323379.09	4839636.40	1,576	Picea glauca	white spruce	11.0	</																											

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323402.32	4839697.29	1,592	Acer negundo	Manitoba maple	45.0		X	g	g	g	5												2			X				3.00			A	
323565.79	4839938.55	1,593	Acer platanoides	Norway maple	30.0		X	g	g	g	4												1	X	X			tree in conflict with grading limits	2.40			A		
323569.28	4839945.35	1,594	Acer platanoides	Norway maple	30.0		X	g	g	g	3												1	X	X			tree in conflict with grading limits	1.80			A		
323575.12	4839963.35	1,595	Acer platanoides	Norway maple	30.0		X	g	g	g	3												1	X	X			tree in conflict with grading limits	1.80			A		
323667.32	4840146.87	1,596	Picea pungens	blue spruce	40.0		X	g	g	g	5												2			X				2.40			A	
323661.17	4840172.38	1,597	Acer negundo	Manitoba maple	34.0	25	X	g	g	g	4												2			X				2.40			A	
323903.94	4840657.74	1,598	Acer x freemanii	Freeman's maple	11.0		X	g	g	g	2												3			X				1.80			A	
323906.77	4840655.86	1,599	Malus sp.	apple	3.0		X	g	g	g	1												3			X				1.20			A	
323908.17	4840653.86	1,600	Ulmus japonica x wilsoniana	accolade elm	12.0		X	g	g	g	1												3			X				1.80			A	
323919.74	4840667.53	1,601	Acer platanoides	Norway maple	31.0		X	g	g	g	5												3			X				2.40			A	
323924.63	4840684.57	1,602	Picea abies	Norway spruce	38.0		X	g	g	g	4												3			X				2.40			A	
323925.96	4840686.56	1,603	Picea abies	Norway spruce	32.0		X	g	g	g	3												3			X				2.40			A	
323923.44	4840688.52	1,604	Picea abies	Norway spruce	42.0		X	g	g	g	5												3			X				3.00			A	
323924.81	4840705.39	1,605	Acer negundo	Manitoba maple	45.0		X	g	g	g	4												2			X				3.00			A	
323931.66	4840711.84	1,606	Acer saccharinum	silver maple	80.0		X	g	g	g	9												2			X				4.80			A	
324189.27	4841227.24	1,607	Acer negundo	Manitoba maple	30.0	22	X	g	g	g	4												2			X				2.40			A	
324158.71	4841264.13	1,608	Gleditsia triacanthos	honey locust	6.0		X	g	g	g	1												5			X				1.20			A	
324169.20	4841277.88	1,609	Gleditsia triacanthos	honey locust	8.0		X	g	g	g	1												5			X				1.20			A	
323041.50	4839251.42	1,610	Catalpa speciosa	catalpa	64.0		X	g	g	g	6												3			X				4.20			B	
323039.96	4839244.36	1,611	Pinus nigra	Austrian pine	33.0	26	X	g	f	f	4												3			X				2.40			B	
323023.58	4839242.88	1,612	Quercus rubra	red oak	10.0		X	g	g	g	1												3			X				1.80			B	
323014.22	4839244.22	1,613	Acer negundo	Manitoba maple	10.0		X	g	g	g	1												3			X				1.80			B	
323017.33	4839239.40	1,614	Picea glauca	white spruce	11.0		X	g	g	g	2												3			X				1.80			B	
323013.42	4839239.26	1,615	Acer negundo	Manitoba maple	30.0	15,10	X	p	f	g	6												3			X				2.40			B	
323018.85	4839228.99	1,616	Quercus rubra	red oak	13.0		X	g	g	g	1												3			X				1.80			B	
323004.35	4839237.86	1,617	Acer negundo	Manitoba maple	28.0		X	g	g	g	4												2			X				1.80			B	
321722.25	4838632.00	1,618	Acer platanoides	Norway maple	31.0		X	g	g	g	4												2			X				2.40			B	
321717.98	4838658.41	1,619	Acer saccharinum	silver maple	30.0		X	g	g	g	4												2			X				2.40			B	
321708.03	4838689.61	1,620	Picea pungens	blue spruce	30.0		X	g	g	g	4												2			X				2.40			B	
321707.61	4838698.62	1,621	Acer saccharinum	silver maple	32.0		X	g	g	g	4												2			X				2.40			B	
321700.89	4838714.93	1,622	Acer saccharinum	silver maple	38.0		X	g	g	g	4												2			X				2.40			B	
321696.75	4838726.74	1,623	Picea pungens	blue spruce	31.0		X	g	g	g	4												2			X				2.40			B	
320871.90	4838445.35	1,624	Ulmus pumila	Siberian elm	14.0	12	X	g	g	g	2												5			X				1.80			B	
320849.29	4838436.59	1,625	Ulmus pumila	Siberian elm	15.0	12	X	g	g	g	2												5			X				1.80			B	
320848.36	4838438.34	1,626	Ulmus pumila	Siberian elm	20.0	18	X	g	g	g	2												5			X				1.80			B	
317631.34	4836566.73	1,627	Acer negundo	Manitoba maple	30.0		X	g	g	g	3												2			X				2.40			N/A	
317629.97	4836562.91	1,628	Acer negundo	Manitoba maple	30.0		X	g	g	g	4												2			X				2.40			N/A	
317703.78	4836693.98	1,629	Acer platanoides	Norway maple	30.0		X	f	g	g	4												2			X			rot, wound	2.40			C	X
317709.17	4836699.09	1,630	Acer platanoides	Norway maple	35.0		X	p	p	p	5												2			X				2.40			C	X
318608.95	4837293.82	1,631	Acer platanoides	Norway maple																														

Project: TA8858
Client: Hatch
Collectors: LMC, JCN, JS, and CJA

Appendix A

Date: August 14, 15, 17, 20, 22, 27, 28, 29, September 4, 5, and November 20, 21 and 30 2018, May 21 and 22, 2020, and, July 29, 2021
Area: Lakeshore East Rail Corridor Expansion



Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION															Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone			
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury				TPZ(m)-City/Privatey Owned Tree	TPZ(m) Ravine/Natural Feature Tree	
318656.18	4837319.71	1,647	Quercus robur	English oak	5.0		X	g	g	g	1												1	X	X			in conflict with retaining wall	1.20			C		
318668.96	4837326.41	1,648	Acer platanoides	Norway maple	18.0		X	g	g	g	3												1	X	X			in conflict with retaining wall	1.80			C		
318670.62	4837327.25	1,649	Acer platanoides	Norway maple	18.0		X	g	g	g	3												1	X	X			in conflict with retaining wall	1.80			C		
318677.99	4837331.28	1,650	Thuja occidentalis	eastern white cedar	10.0	5 5	X	g	g	g	2												1	X	X			in conflict with retaining wall	1.20			C		
318678.95	4837331.76	1,651	Thuja occidentalis	eastern white cedar	12.0	10 8 10	X	g	g	g	3												1	X	X			in conflict with retaining wall	1.80			C		
318680.02	4837332.46	1,652	Platanus x acerifolia	London plane tree	8.0		X	g	g	g	1												1	X	X			in conflict with retaining wall	1.20			C		
318684.94	4837335.21	1,653	Acer platanoides	Norway maple	11.0		X	g	g	g	2												1	X	X			in conflict with retaining wall	1.80			C		
318685.99	4837335.97	1,654	Robinia pseudoacacia	black locust	13.0		X	g	g	g	2												1	X	X			in conflict with retaining wall	1.80			C		
318688.62	4837337.34	1,655	Robinia pseudoacacia	black locust	12.0		X	g	g	g	1												1	X	X			in conflict with retaining wall	1.80			C		
318700.77	4837347.43	1,656	Acer platanoides	Norway maple	15.0		X	g	g	g	2												5			X				1.80			C	
318701.85	4837348.08	1,657	Acer platanoides	Norway maple	18.0		X	g	g	g	2												5			X				1.80			C	
318711.82	4837354.80	1,658	Morus alba	white mulberry	10.0	8	X	g	g	g	2												5			X				1.80			C	
318719.87	4837360.24	1,659	Acer negundo	Manitoba maple	13.0		X	g	g	g	2												5			X				1.80			C	
318723.63	4837362.71	1,660	Thuja occidentalis	eastern white cedar	5.0		X	g	g	g	1												5			X				1.20			C	
318725.03	4837363.96	1,661	Morus alba	white mulberry	18.0		X	g	g	g	2												5			X				1.80			C	
318728.40	4837366.29	1,662	Thuja occidentalis	eastern white cedar	5.0	5 56	X	g	g	g	1												5			X				1.20			C	
318734.64	4837370.55	1,663	Thuja occidentalis	eastern white cedar	5.0		X	g	g	g	1												5			X				1.20			C	
318735.51	4837371.13	1,664	Thuja occidentalis	eastern white cedar	5.0		X	g	g	g	1												5			X				1.20			C	
318737.19	4837371.79	1,665	Thuja occidentalis	eastern white cedar	5.0		X	g	g	g	1												5			X				1.20			C	
318738.93	4837372.81	1,666	Thuja occidentalis	eastern white cedar	10.0		X	g	g	g	1												5			X				1.80			C	
318739.72	4837373.53	1,667	Thuja occidentalis	eastern white cedar	8.0		X	g	g	g	1												5			X				1.20			C	
318749.97	4837380.20	1,668	Acer x freemanii	Freeman's maple	10.0		X	g	g	g	1												5			X				1.80			C	
318752.84	4837382.04	1,669	Acer x freemanii	Freeman's maple	8.0		X	g	g	g	1												5			X				1.20			C	
318759.82	4837386.77	1,670	Fraxinus pennsylvanica	red ash	11.0		X	g	g	g	2												5			X				1.80			C	
318760.72	4837387.39	1,671	Ulmus pumila	Siberian elm	35.0		X	g	g	g	5												5			X				2.40			C	
318768.14	4837391.29	1,672	Fraxinus pennsylvanica	red ash	14.0		X	g	g	g	2												5			X				1.80			C	
318769.73	4837392.09	1,673	Thuja occidentalis	eastern white cedar	8.0		X	g	g	g	1												5			X				1.20			C	
318771.43	4837392.96	1,674	Fraxinus pennsylvanica	red ash	14.0		X	g	g	g	2												5			X				1.80			C	
318775.35	4837395.15	1,675	Fraxinus pennsylvanica	red ash	10.0		X	g	g	g	1												5			X				1.80			C	
318776.00	4837395.44	1,676	Acer platanoides	Norway maple	14.0		X	g	g	g	2												5			X				1.80			C	
318779.88	4837397.63	1,677	Fraxinus pennsylvanica	red ash	11.0		X	g	g	g	1												5			X				1.80			C	
318781.65	4837398.76	1,678	Fraxinus pennsylvanica	red ash	10.0		X	g	g	g	2												5			X				1.20			C	
324209.84	4841260.60	1,679	Acer negundo	Manitoba maple	40.0	20	X	g	g	g	4												1	X	X					3.00		girdled by fence	A	X
321955.64	4838806.77	1,680	Acer negundo	Manitoba maple	30.0	25 30 30	X	g	g	g	5												3			X				2.40			B	
321953.96	4838804.50	1,681	Acer negundo	Manitoba maple	30.0		X	g	g	g	4												3			X				2.40			B	
320829.05	4838447.79	1,682	Ailanthus altissima	tree of heaven	15.0	12 8	X	g	g	g	3												5			X				1.80			B	
320822.73	4838446.01	1,683	Aesculus hippocastanum	horsechesnut	8.0		X	f	f	f	1												5			X				1.20			B	
320796.92	4838436.57	1,684	Pyrus calleryana	pear	13.0		X	g	g	g	2												5			X				1.80			B	
320790.85	4838433.31	1,685	Picea glauca	white spruce	12.0		X	g	g	g	1												5			X				1.8				

Northing	Easting	Tree #	Scientific Name	Common Name	DBH (cm)	Additional Stems	Estimation of DBH (x)	CONDITION																Tree Protection Measures						COMMENTS	Package	Within OnCorr Vegetation Clearance Zone	
								TI	CS	CV	Radial Dripline (m)	Canopy Die Back (%)	Co-dominant stem	Included Bark	Lean, Dir.	Fungus	Cavity	Rot	Wound	Frost Crack	Epicormic	EAB	City of Toronto Tree Category	Tree Is Metrolinx Owned	Remove	Retain	Injure	Reason for Removal/Injury	TPZ(m)-City/Privatey Owned Tree				TPZ(m) Ravine/Natural Feature Tree
323477.99	4839804.26	1,702	Acer negundo	Manitoba maple	30.0	27		g	g	g	5		x	x				x	x				2		X			Tree in conflict with proposed easement	2.40			A	
323481.53	4839809.01	1,703	Acer negundo	Manitoba maple	33.0			g	g	g	6											x	2		X			Tree in conflict with proposed easement	2.40			A	
323479.73	4839812.20	1,704	Acer negundo	Manitoba maple	37.0			p	p	p	6												2		X			Tree in conflict with proposed easement	2.40			A	
323526.47	4839863.99	1,705	Acer platanoides	Norway maple	33.0			g	g	g	6	90											2		X			Tree in conflict with proposed easement	2.40			A	

Legend

DBH (cm)

Diameter at breast height

TI

Trunk Integrity

CS

Crown Structure

CV

Crown Vigour

DL (m)

Drip Line

CDB

Crown Dieback

EAB

Emerald Ash Borer

ESA/SARA

Species at Risk

TPZ

Tree Protection Zone

Lean Dir.

Lean Direction

Shared Bounary Tree

Tree Number Not Assigned

Condition

G

Good

F

Fair

P

Poor

D

Dead

L

Light

M

Moderate

H

Heavy

E

East

W

West

N

North

S

South

F

Frost

C

Compression

T

Tension

S

Shear Plane

Category

City of Toronto By-law Code

1 Trees with diameters of 30 cm or more, situated on private property on the subject site.

2 Trees with diameters of 30 cm or more, situated on private property, within 6 m of the subject site

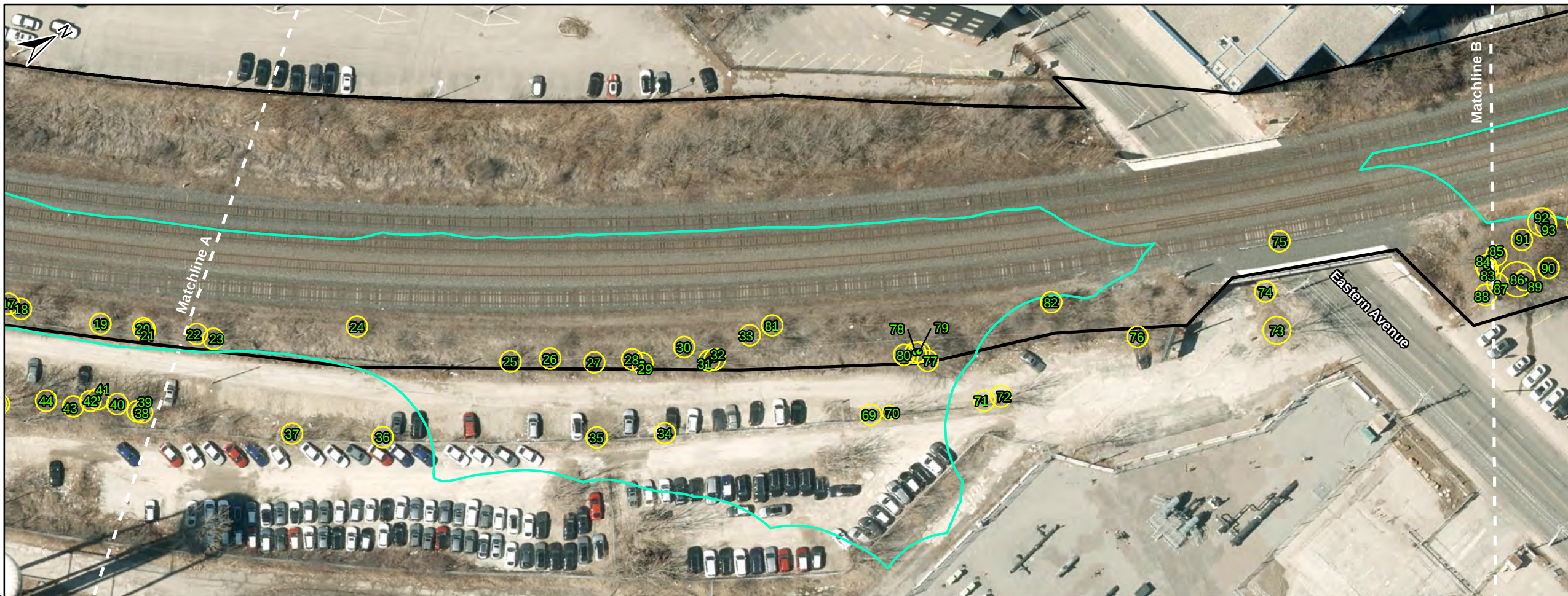
3 Trees of all diameters situated on City owned parkland within 6 m of the subject site.

4 On lands designated under the City of Toronto Municipal Code, Chapter 658, Ravine and Natural Feature Protection, trees of all diameters situated within 10 meters of ay construction activity

5 Trees of all diameters situated within the City road allowance adjacent to the subject site.

N/A Private tree measuring less than 30 cm DBH and as such do not meet the requirements of the 5 categories as outlined in the City of Toronto Guidelines for Completion of An Arborist Report, 2011.

Appendix B
Tree Resources Figures



LEGEND

- 1 Tree to be Retained
- 289 Tree to be Injured
- 288 Tree to be Removed
- 1092 Tree was Removed by Property Owner since time of Tree Survey
- Tree Protection Zone
- Tree Protection Fence
- Grading Limit
- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



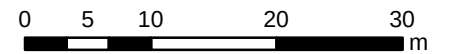
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Date: Jan, 2022	Prepared By: AM
Scale: 1:800	Verified By: LMC



LEGEND

- 1 Tree to be Retained
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Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion Tree Resources



Project:	TA8858A	Figure:	2b
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:600	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
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- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



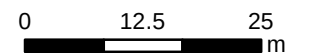
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

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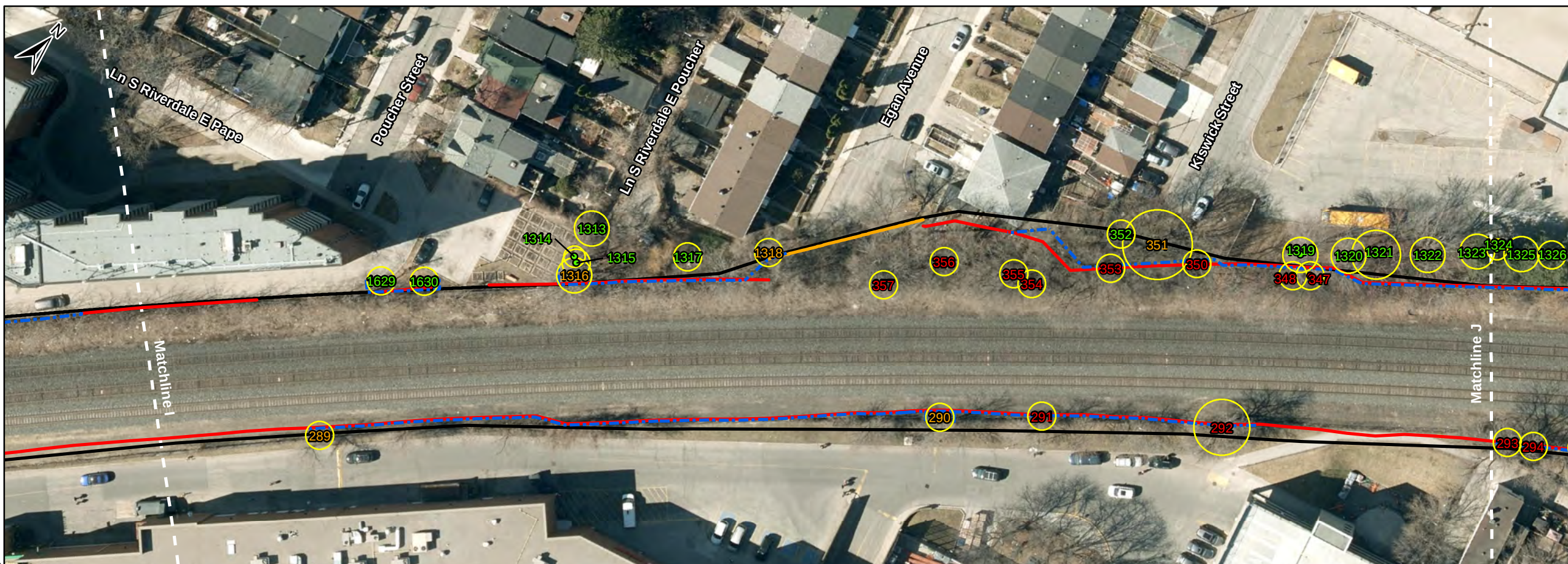
Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion Tree Resources



Project:	TA8858A	Figure:	2d
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

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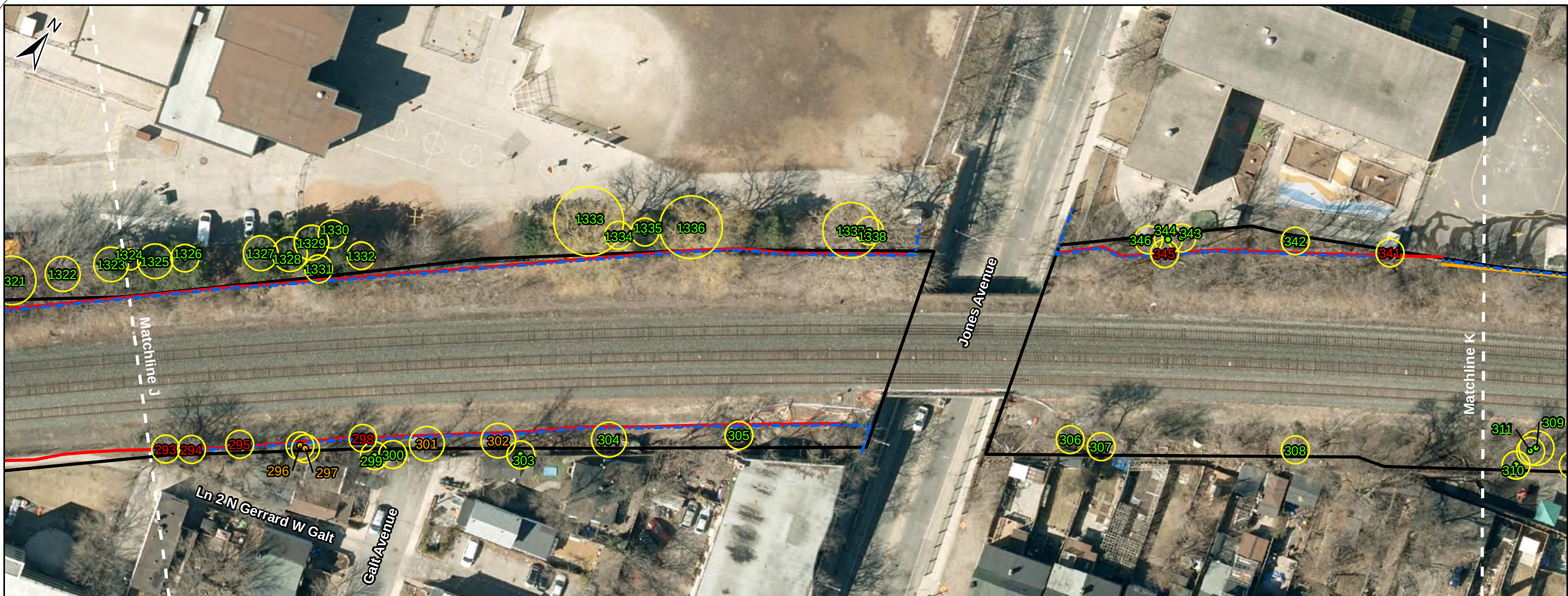
Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



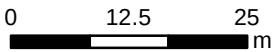
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Date: Jan, 2022	Prepared By: AM
Scale: 1:800	Verified By: LMC



LEGEND

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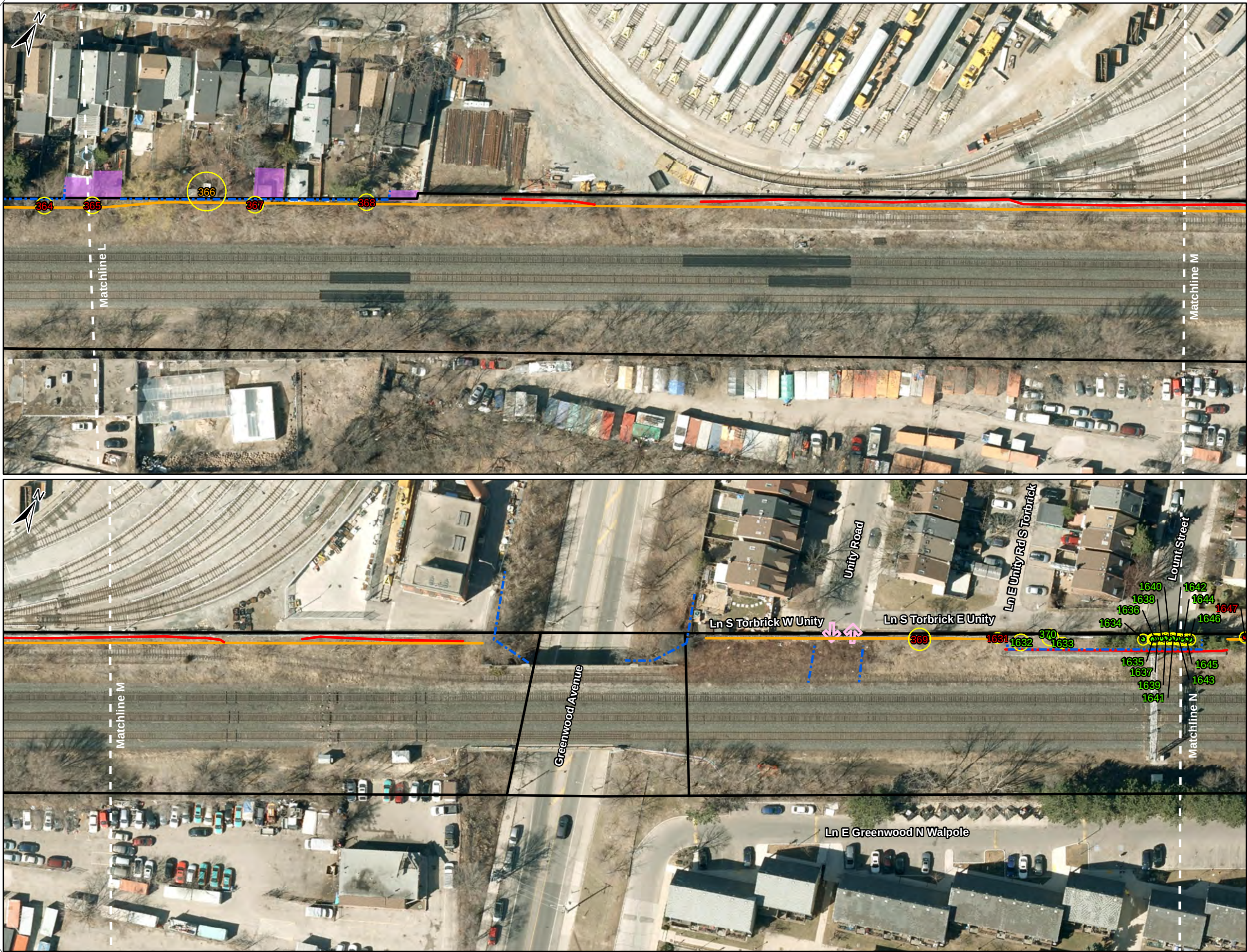
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Lakeshore East Rail Corridor Expansion Tree Resources



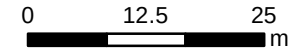
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



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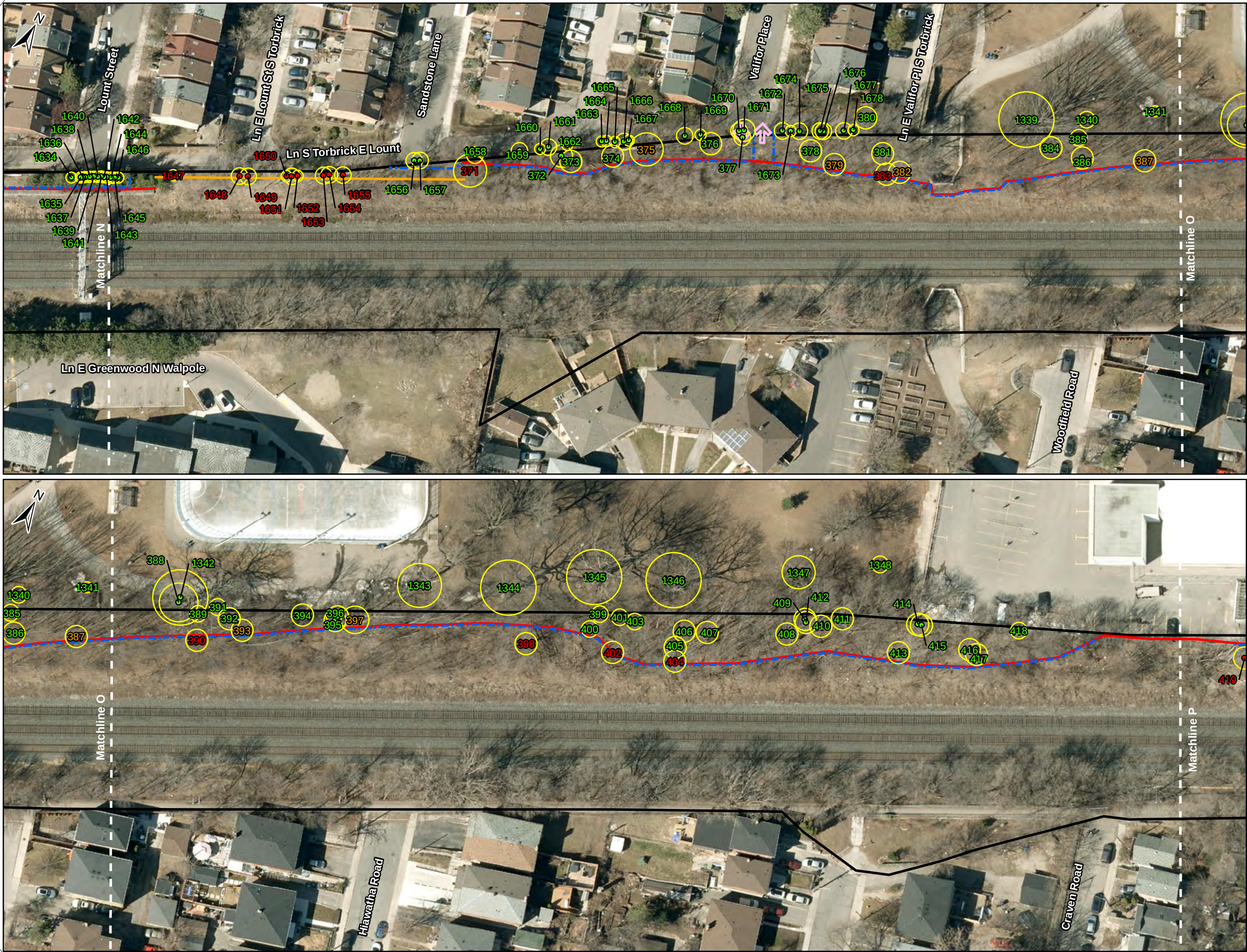
Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion
Tree Resources



Project:	TA8858A	Figure:	2g
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1** Tree to be Retained
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- 288** Tree to be Removed
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- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

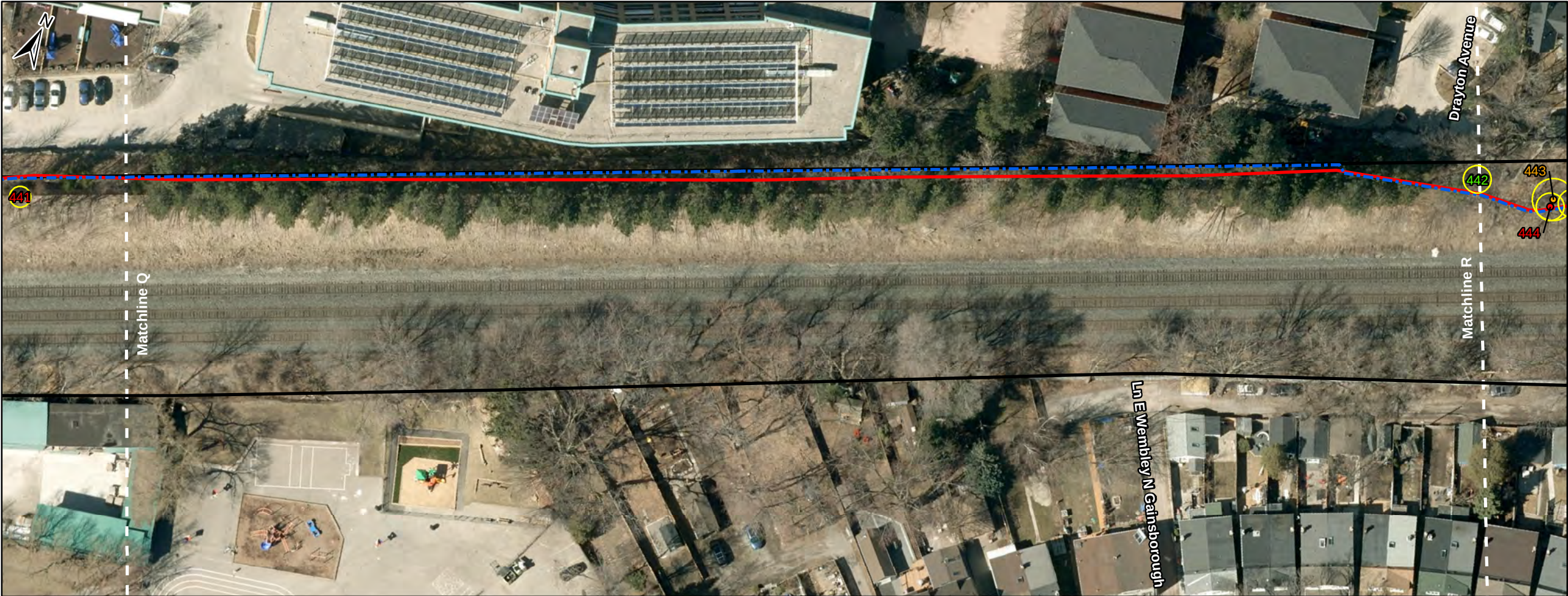
Data source: LGL Limited survey

0 12.5 25 m

Lakeshore East Rail Corridor Expansion Tree Resources



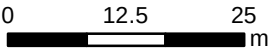
Project:	TA8858A	Figure:	2h
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
- 289 Tree to be Injured
- 288 Tree to be Removed
- 1092 Tree was Removed by Property Owner since time of Tree Survey
- Tree Protection Zone
- Tree Protection Fence
- Grading Limit
- Retaining Wall
- ➔ Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion Tree Resources

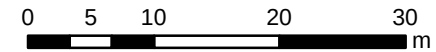


Project:	TA8858A	Figure:	2i
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



- 1** Tree to be Retained
- 289** Tree to be Injured
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- Grading Limit
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- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

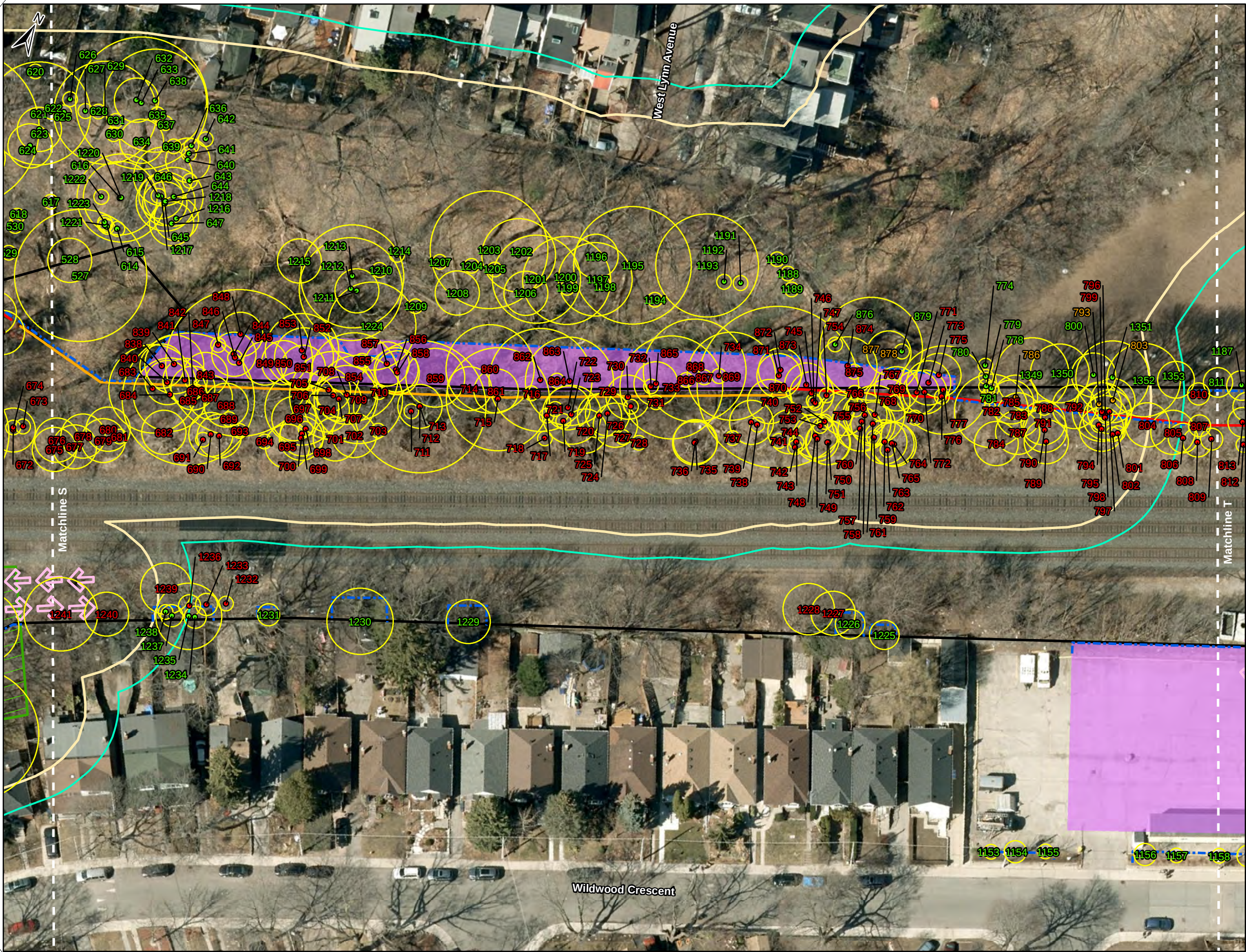
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Lakeshore East Rail Corridor Expansion Tree Resources

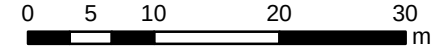


Project: TA8858A	Figure: 2j
Date: Jan, 2022	Prepared By: AM
Scale: 1:600	Verified By: LMC



- 1 Tree to be Retained
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- 288 Tree to be Removed
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- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion Tree Resources



Project: TA8858A	Figure: 2k
Date: Jan, 2022	Prepared By: AM
Scale: 1:600	Verified By: LMC



LEGEND

- 1** Tree to be Retained
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- Grading Limit
- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



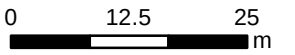
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Date: January, 2022	Prepared By: AM
Scale: 1:800	Verified By: LMC



LEGEND

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- Retaining Wall
- ➔ Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

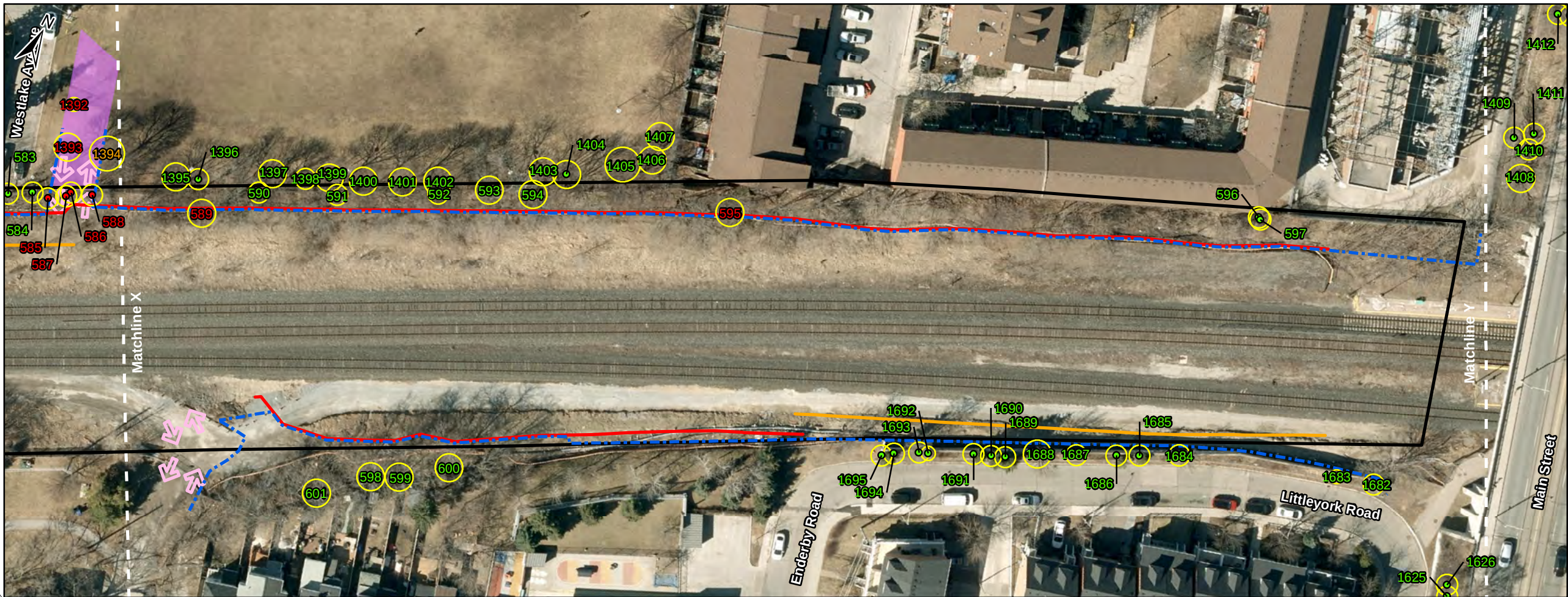
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Lakeshore East Rail Corridor Expansion Tree Resources



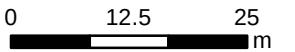
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
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- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion Tree Resources



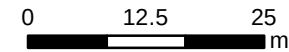
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Date: Jan, 2022	Prepared By: AM
Scale: 1:800	Verified By: LMC



LEGEND

- 1 Tree to be Retained
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- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail
Corridor Expansion
Tree Resources



Project:	TA8858A	Figure:	20
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1** Tree to be Retained
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- 288** Tree to be Removed
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- Tree Protection Zone
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- Grading Limit
- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

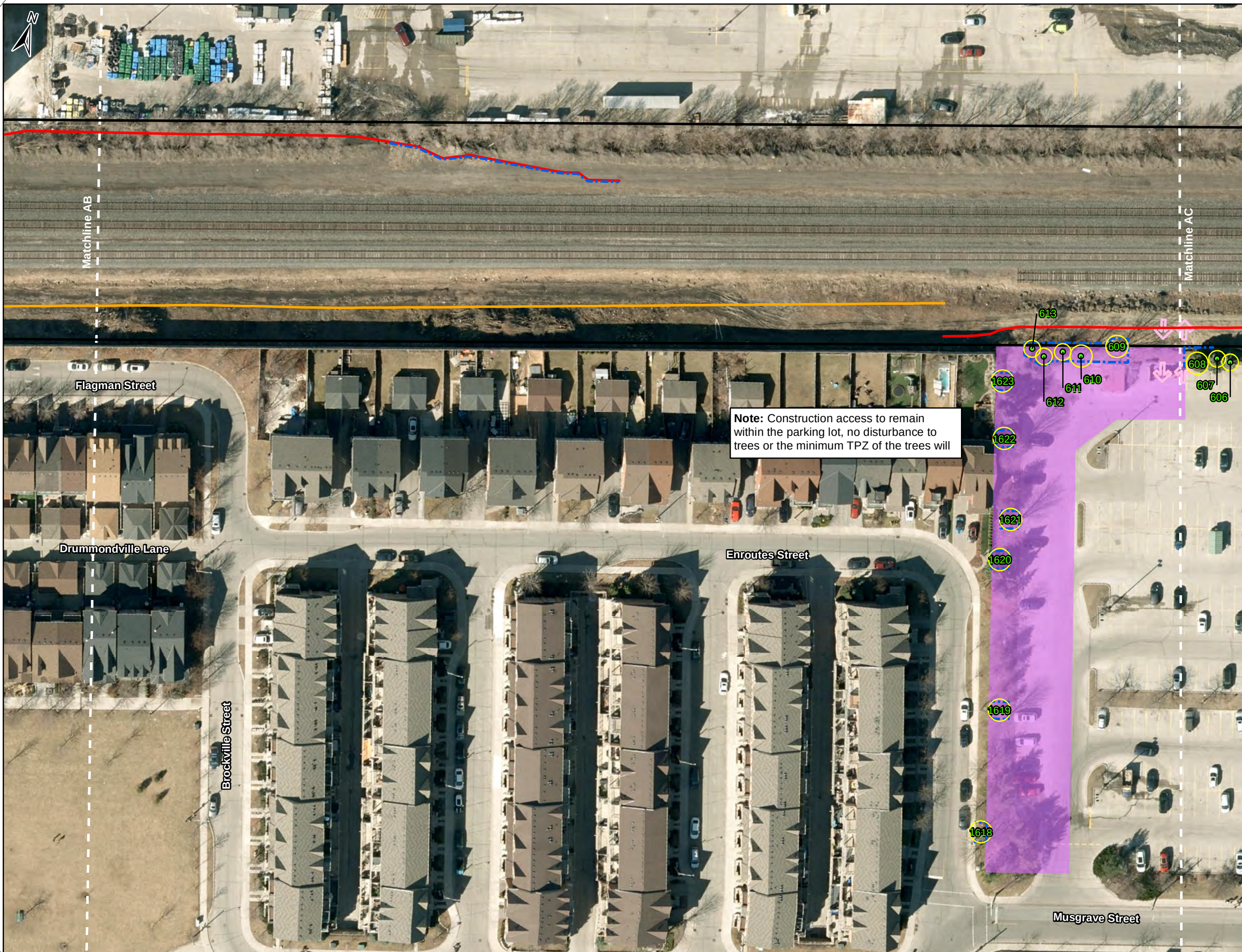
Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



Project:	TA8858A	Figure:	2p
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
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- Grading Limit
- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey

0 12.5 25 m

Lakeshore East Rail Corridor Expansion Tree Resources



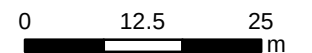
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
- 289 Tree to be Injured
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- Tree Protection Fence
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- Retaining Wall
- ⇨ Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail Corridor Expansion Tree Resources



Project:	TA8858A	Figure:	2r
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

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- Retaining Wall
- ➔ Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



Project: TA8858A	Figure: 2s
Date: Jan, 2022	Prepared By: AM
Scale: 1:800	Verified By: LMC



LEGEND

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- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

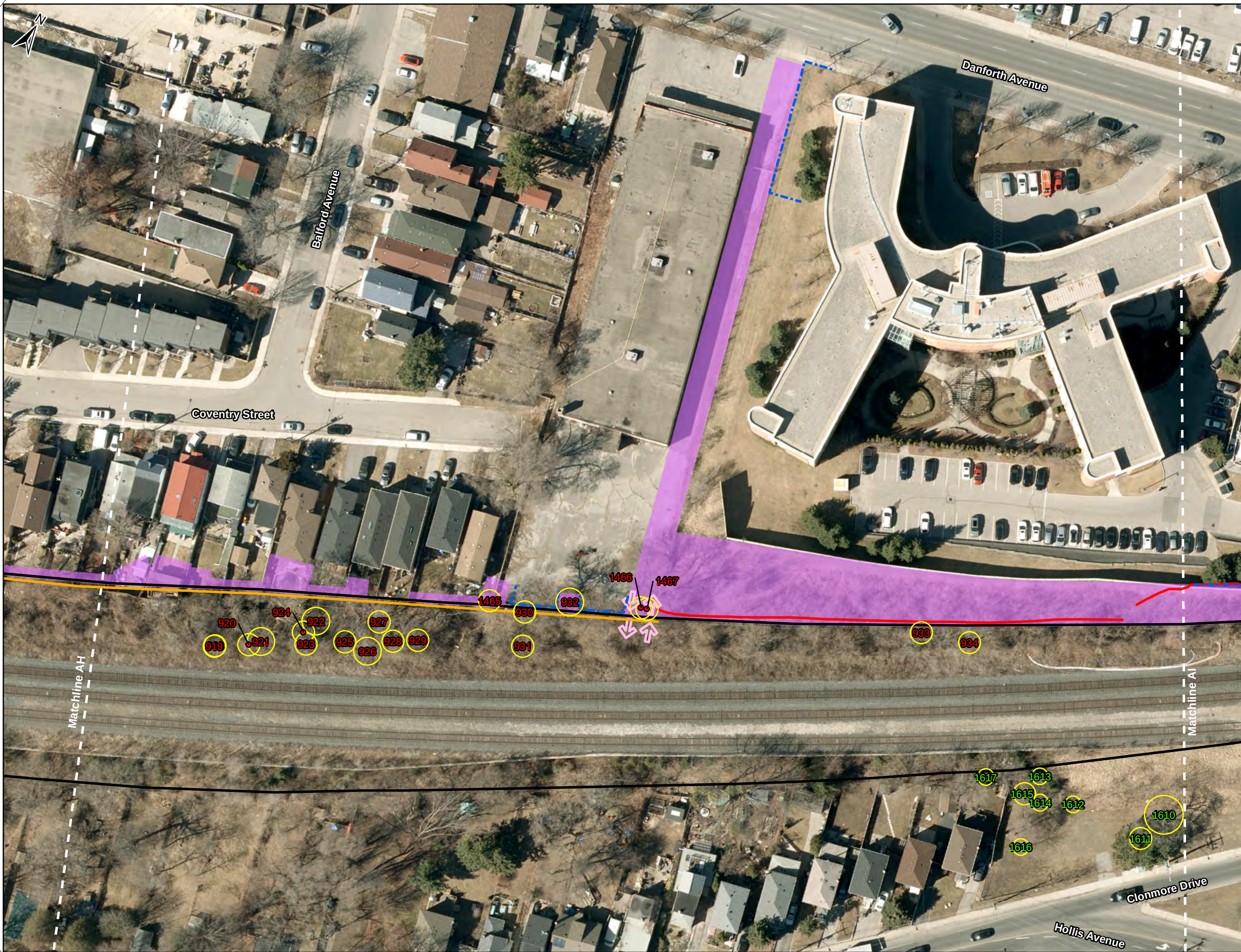
Data source: LGL Limited survey

0 12.5 25
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Lakeshore East Rail Corridor Expansion Tree Resources



Project:	TA8858A	Figure:	2t
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1** Tree to be Retained
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- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

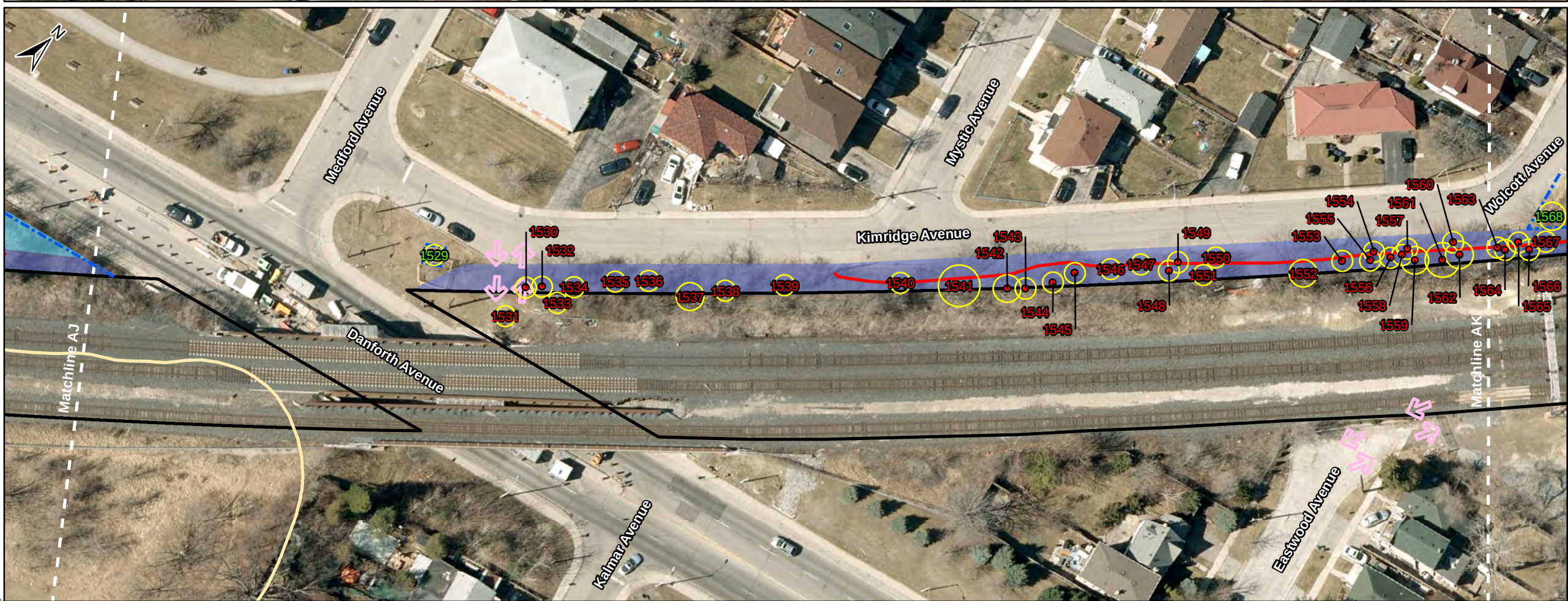
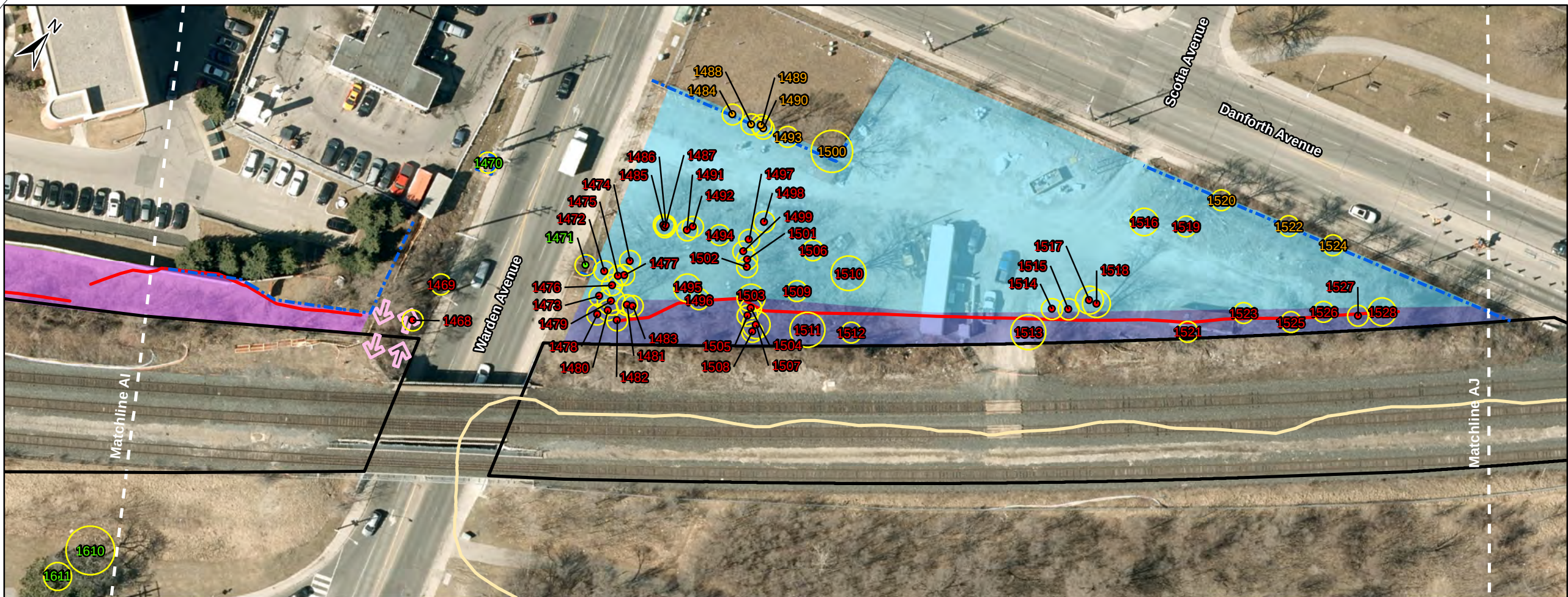
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0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



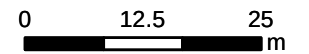
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
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- Retaining Wall
- ➡ Construction Access Point
- Metrolinx Right of Way
- Easement
- Permanent Easement
- Temporary Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

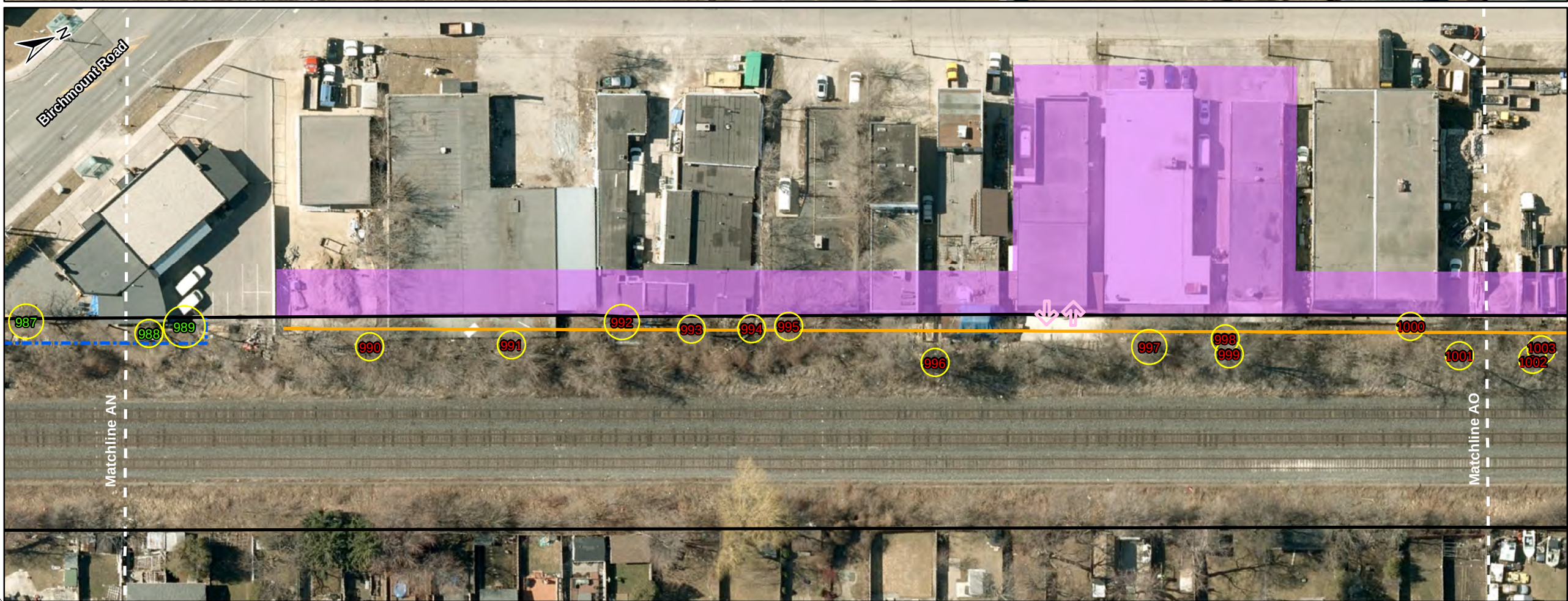
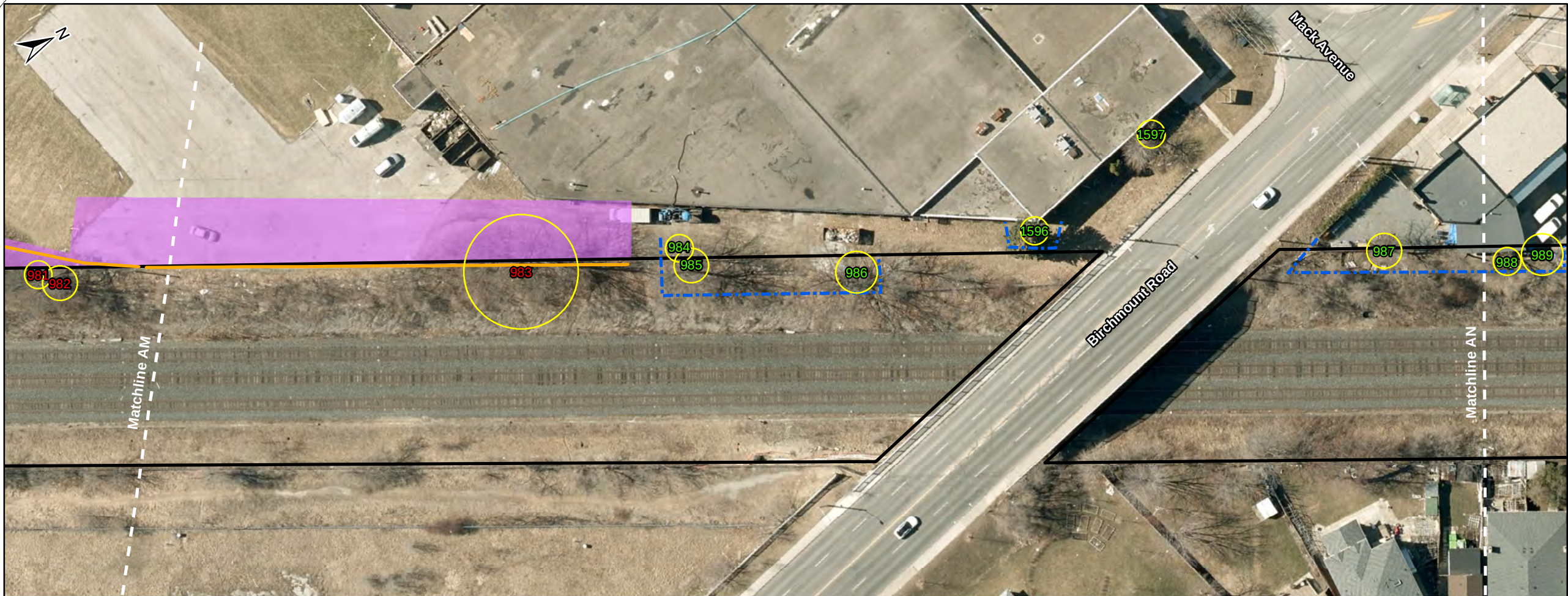
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Lakeshore East Rail Corridor Expansion Tree Resources



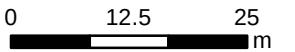
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Date: Jan, 2022	Prepared By: AM
Scale: 1:800	Verified By: LMC



LEGEND

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- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

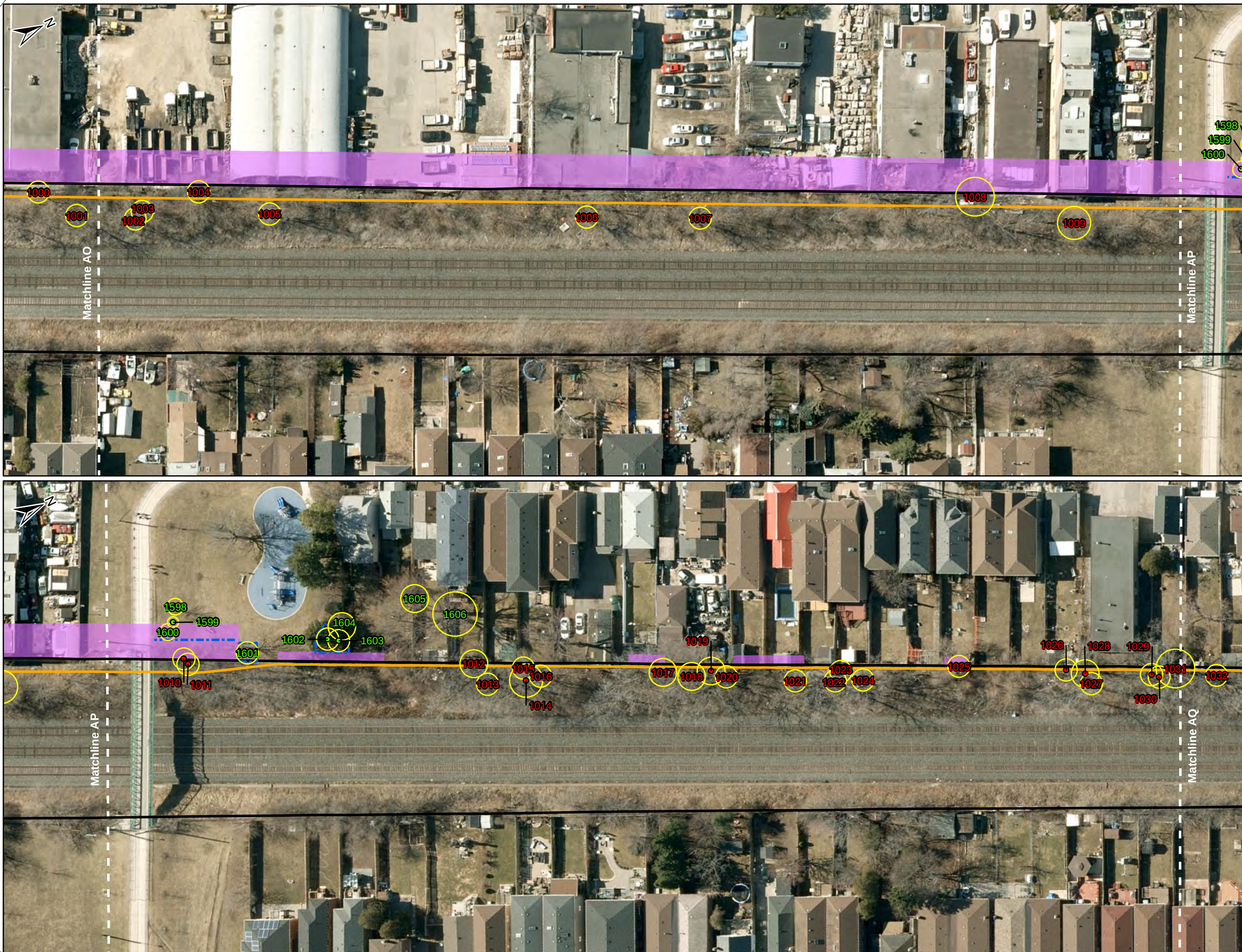
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Lakeshore East Rail Corridor Expansion Tree Resources



Project:	TA8858A	Figure:	2x
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1 Tree to be Retained
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- Retaining Wall
- Construction Access Point
- Metrolinx Right of Way
- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

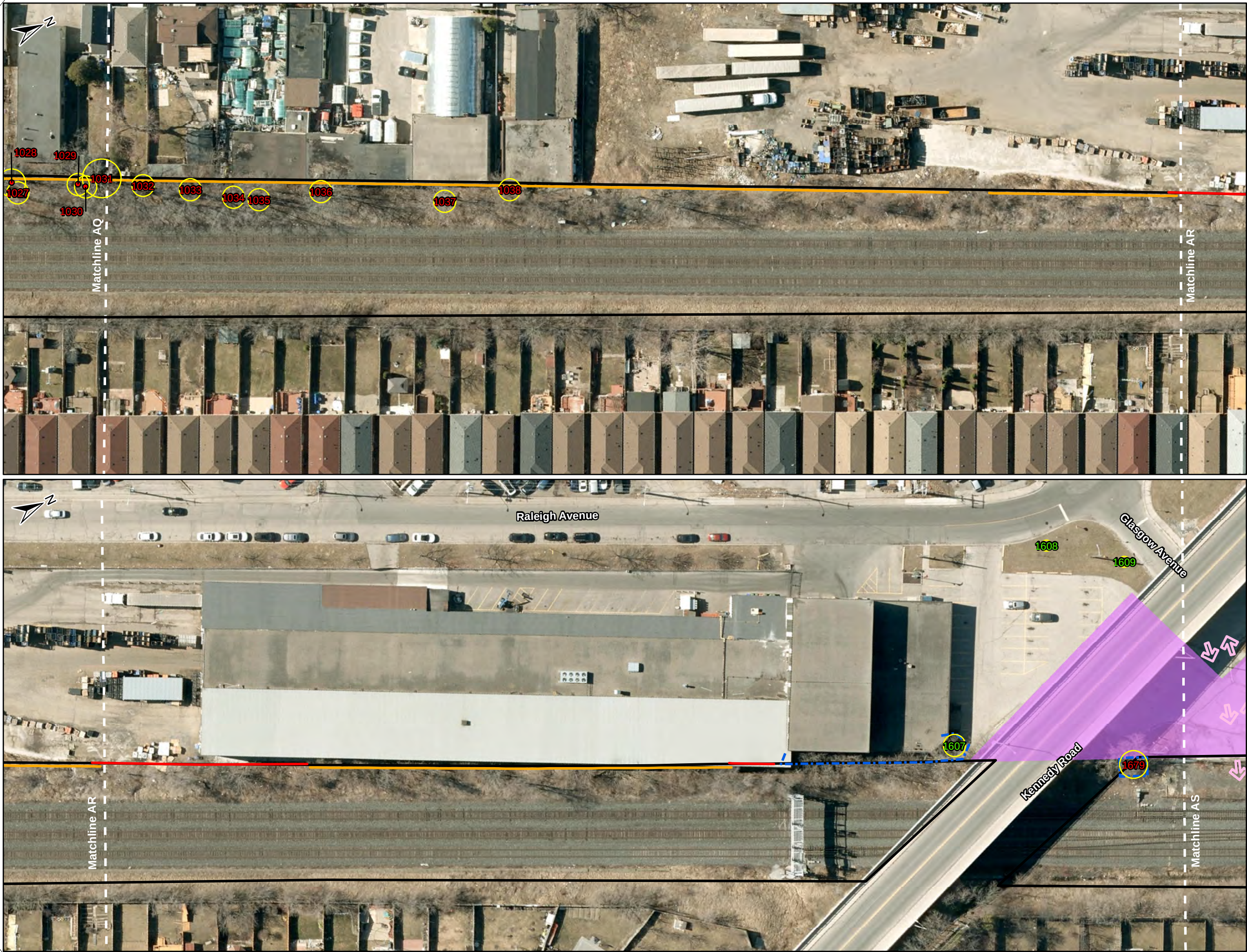
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0 12.5 25 m

Lakeshore East Rail Corridor Expansion Tree Resources



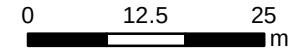
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

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- Easement
- Environmentally Significant Area
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- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail
Corridor Expansion
Tree Resources



Project:	TA8858A	Figure:	2z
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

- 1** Tree to be Retained
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- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey

0 12.5 25
m

Lakeshore East Rail Corridor Expansion Tree Resources



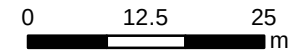
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

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- Easement
- Environmentally Significant Area
- Regulation Limit (TRCA)
- Ravine and Natural Features Protection Boundary

Data source: LGL Limited survey



Lakeshore East Rail
Corridor Expansion
Tree Resources



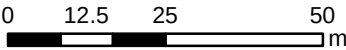
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Date:	Jan, 2022	Prepared By:	AM
Scale:	1:800	Verified By:	LMC



LEGEND

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- Environmentally Significant Area
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Data source: LGL Limited survey



Lakeshore East Rail
Corridor Expansion
Tree Resources



Project:	TA8858A	Figure:	2ac
Date:	Jan, 2022	Prepared By:	AM
Scale:	1:1,200	Verified By:	LMC

Tree Protection Sign

A sign as indicated below should be affixed on all sides of the tree protection fencing. The sign should be a minimum of 40cm X 60cm and made of white corrugated plastic board or equivalent material.



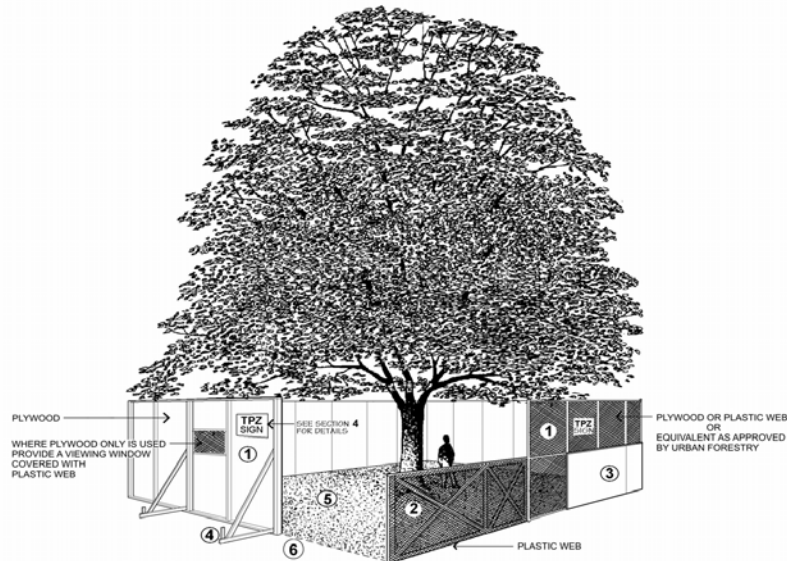
Parks, Forestry & Recreation

Tree Protection Zone (TPZ)

All construction related activities, including grade alteration, excavation, soil compaction, any materials or equipment storage, disposal of liquid and vehicular traffic are NOT permitted within this TPZ.

This tree protection barrier must remain in good condition and must not be removed or altered without authorization of City of Toronto, Urban Forestry.

Concerns or inquiries regarding this TPZ can be directed to:
311 or 311@toronto.ca



Tree Protection Barriers

- 1 Tree protection barriers must be a plywood or plastic web hoarding or equivalent as approved by Urban Forestry.
- 2 Tree protection barriers for trees situated on the City road allowance where visibility must be maintained can be 1.2m (4ft.) high and consist of orange plastic web snow fencing on a wood frame made of 2"x 4"s.
- 3 Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
- 4 All supports and bracing should be outside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
- 5 No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.
- 6 Sediment control fencing shall be installed in locations indicated in an Urban Forestry approved Tree Protection Plan. The sediment control fencing must be installed to Ontario Provincial Standards (OPSD-219.110) and to the satisfaction of Urban Forestry.



Urban Forestry

Parks, Forestry and Recreation

Sept 2008 Detail TP-1

Ravine & Natural Feature Protection By-law

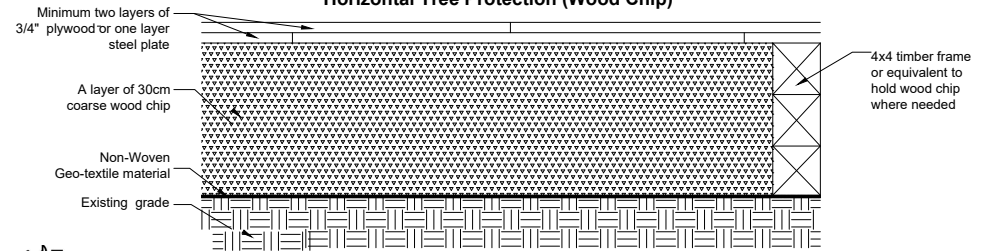
The Ravine & Natural Feature Protection By-law, Chapter 658 of the City of Toronto Municipal Code regulates the injury and destruction of trees, dumping of refuse and changes to grade within protected areas defined in Schedule A.

Under the by-law protected trees may not be removed, injured or destroyed, and protected grades may not be altered, without written authorization from Urban Forestry Ravine & Natural Feature Protection, on behalf of the General Manager of Parks, Forestry & Recreation.

Convictions of offences respecting the regulations in the Ravine & Natural Feature Protection By-law are subject to fines, and the landowner may be ordered by the court to restore the area to the satisfaction of the City. A person convicted of an offence under this By-law is liable to a minimum fine of \$500 and a maximum fine of \$100,000 for each tree destroyed, a maximum fine of \$100,000 for any other offence committed under this chapter, and/or a Special fine of \$100,000. A person convicted of a continuing offence, including failure to comply with ravine permit conditions is liable to a maximum fine of not more than \$10,000 for each day or part of a day that the offence continues.

June 2008

Horizontal Tree Protection (Wood Chip)



Urban Forestry Services

Parks and Recreation Division

December 2013 Detail HTP - 1

City of Toronto Protection Plan Notes, Detail TP-2a

1. Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for nesting. The owner must ensure that works are in conformance with the Migratory Bird Convention Act and that no migratory bird nests will be impacted by the proposed works.
2. It is the applicant's responsibility to discuss potential tree injury of trees on shared property lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible for removal and such issues would be dealt with in civil court through negotiations. The applicant would be required to replace such trees to the satisfaction of Urban Forestry.
3. TREE PROTECTION ZONE: No construction activity including grade changes, surface treatments or excavations of any kind is permitted within the area identified of the Tree Protection Plan or Site Plan as Tree Protection Zone. No root cutting is permitted. No storage of materials or fill is permitted within the TPZ. No movement or storage of vehicles or equipment is permitted within the TPZ. The area(s) identified as TPZ must remain undisturbed at all times. If the tree protection barrier must be maintained at a lesser distance the exposed TPZ must be protected with plywood and wood chips. This must first be approved by Urban Forestry.
4. TREE PROTECTION BARRIERS FOR TREES ON PRIVATE PROPERTY: For all trees on private property situated on or adjacent to construction sites: Tree protection barriers must be installed around trees to be protect using plywood clad hoarding or an equivalent approved by Urban Forestry. All supports and bracing to safely secure the barrier should be outside to TPZ. All such supports and bracing should minimize damage to roots outside of the TPZ.
5. General Note: Prior to the commencement of any site activity the tree protection barriers specified on this plan must be installed and written noticed provided to Urban Forestry. The tree protection barriers must remain in effective condition until all site activities including landscaping are complete. Where required, sign as specified in Section 4 'Tree Protection Signage' must be attached to all sides of the barrier.
6. ARBORICULTURAL WORK: Any roots or branches which extend beyond the TPZ indicated on this plan which require pruning, must be pruned by a qualified Arborist or other tree professional as approved by Urban Forestry. All pruning of trees roots and branches must be in accordance with good arboricultural standards. Roots located outside the TPZ that have received approval from Urban Forestry to be pruned must first be exposed by hand digging or by using a low pressure hydro vac method. This will allow a proper pruning cut and minimize tearing of the roots. The Arborist/tree professional retained to carry out of the crown or root pruning must contact Urban Forestry.

Notes:

1. This plan is to be read in conjunction with the Arborist Report prepared by LGL Limited, June, 2020.
2. TPZ to be measure from the outside edge of base of the tree.

TREE RESOURCES PROTECTION PLAN NOTES



Project: TA8858A

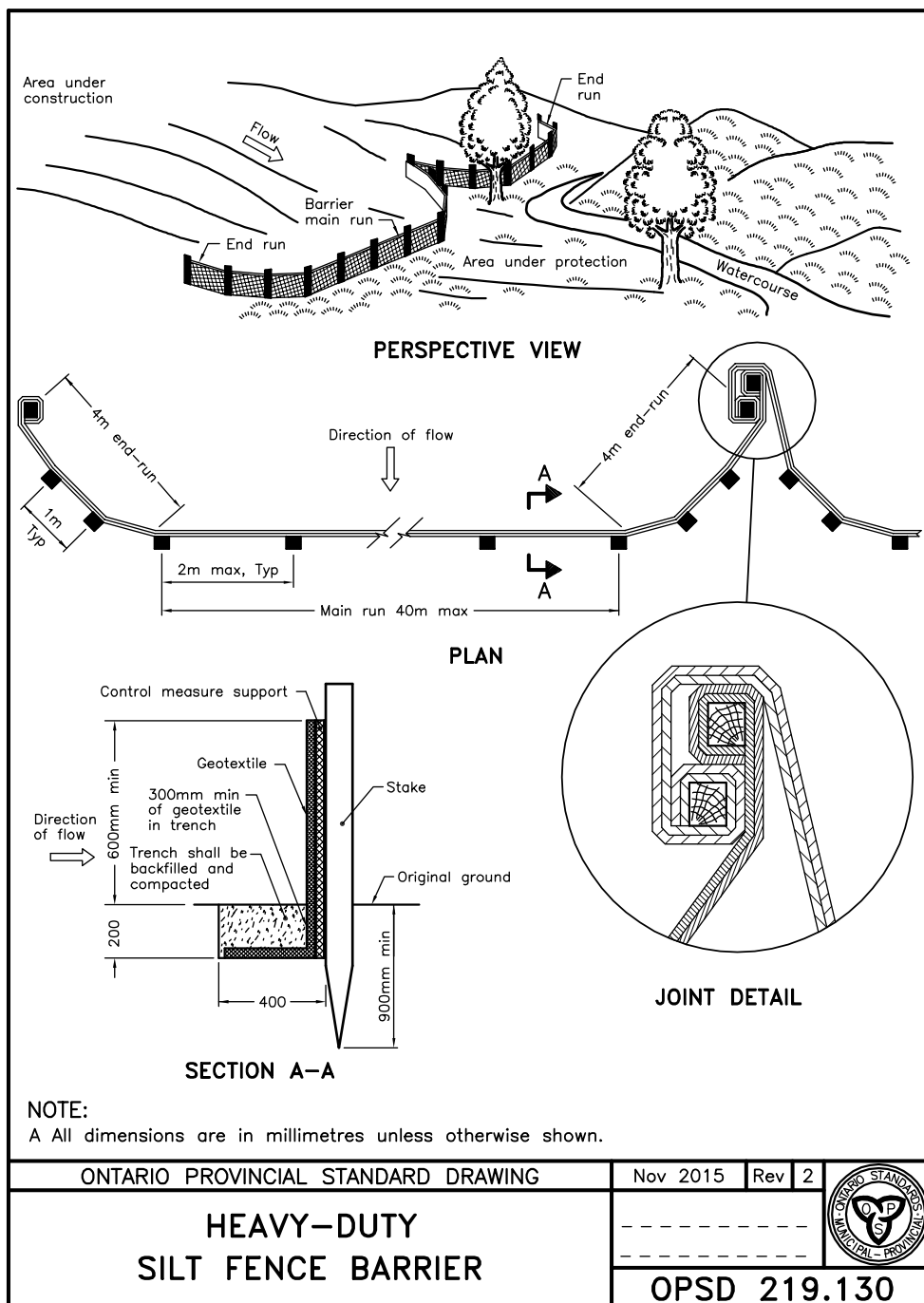
Figure: 2ad

Date: June, 2020

Prepared By: AJ

Scale: N.T.S.

Checked By: LMC



The following detail shall be used when constructing sediment protection fencing near trees.

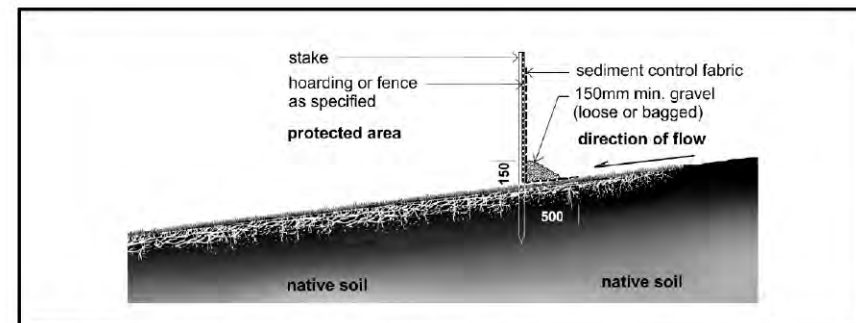


Figure 6: Sediment control barriers for use over tree root zone

Note:

Sediment control fencing shall be installed in the locations as indicated in the Urban Forestry approved sediment control plan. The sediment control fencing must be installed to Ontario Provincial Standards (OPSD-219.130, see Section 7, Figure 5) and to the satisfaction of Urban Forestry. Sediment control near trees and over root zones shall be installed as shown on Figure 6 of the Tree Protection Policy and Specifications for Construction Near Trees and to the satisfaction of Urban Forestry.

**TREE RESOURCES
PROTECTION PLAN NOTES**

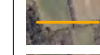
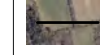


Project: TA8858A	Figure: 2ae
Date: Feb, 2021	Prepared By: AJ
Scale: N.T.S.	Checked By: LMC

Appendix C
Stem Count Zone Figures



LEGEND

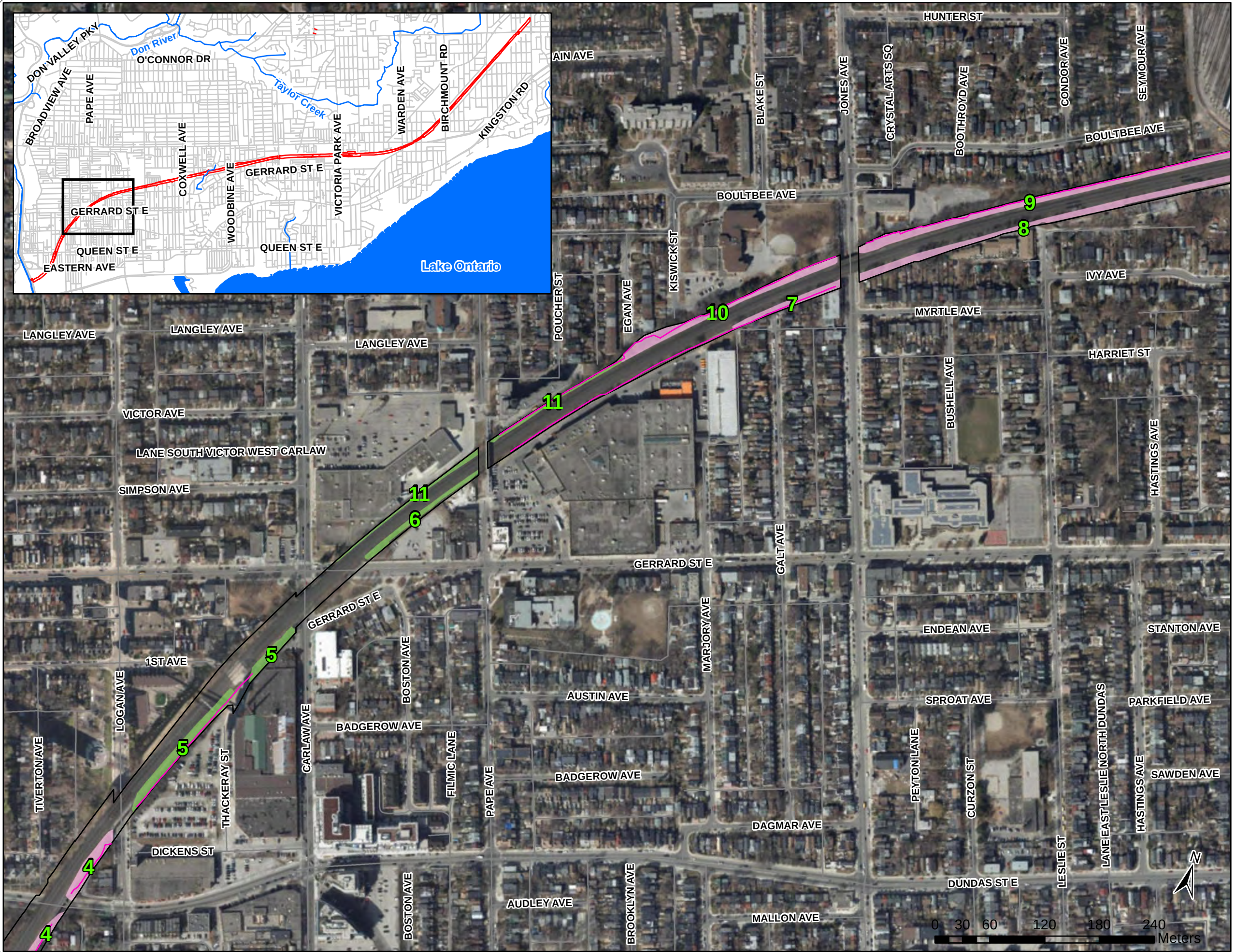
-  Stem Count Zone
-  Cultural Thicket Community
-  Cultural Meadow Community
-  Deciduous Forest Community
-  Cultural Woodland Community
-  Cultural Hedgerow Community
-  Disturbance Zone
-  Proposed Right-of-Way
-  Right-of-Way

Lakeshore Corridor Expansion

Stem Count Zones



Project	TA8588-00	Figure	3A
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

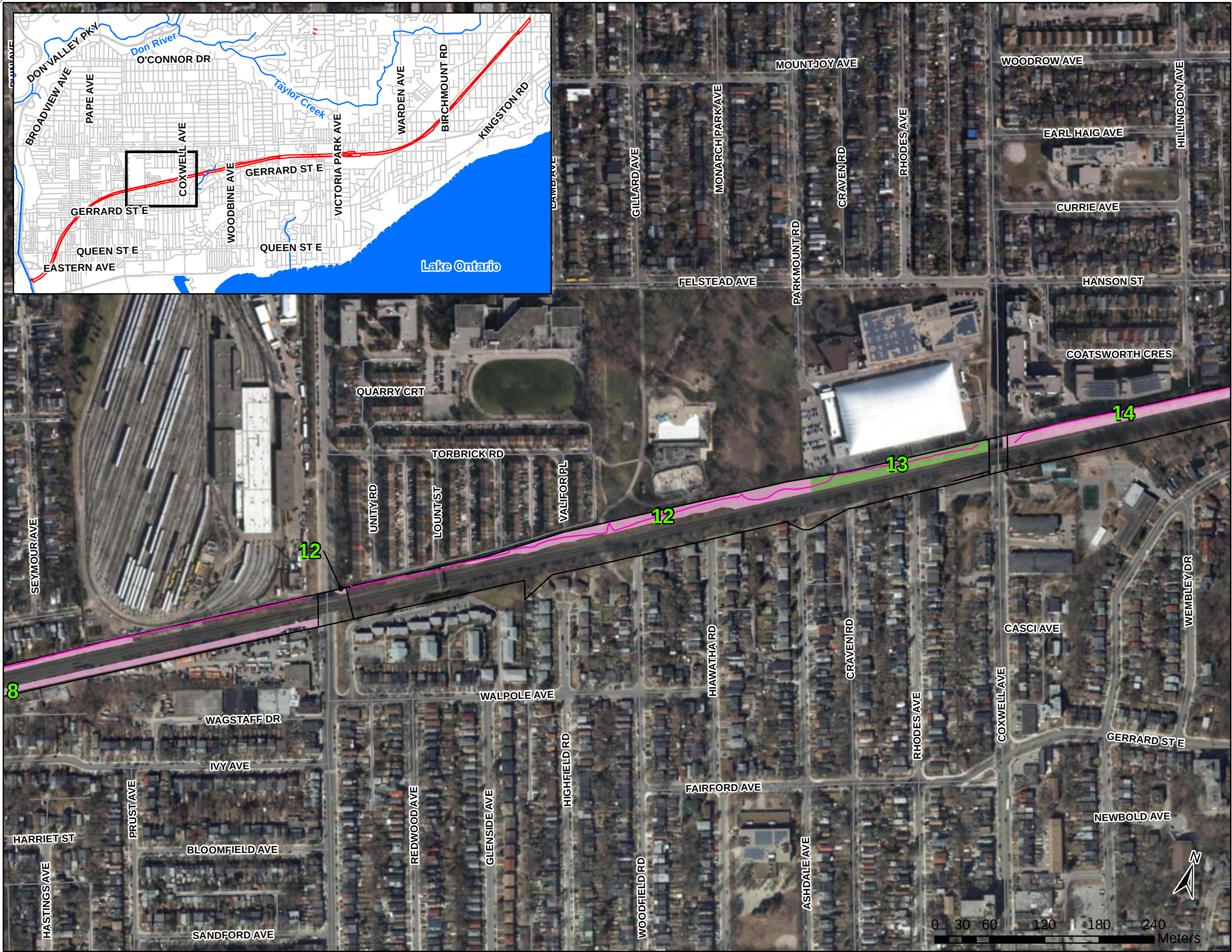
- 5 Stem Count Zone
- Cultural Thicket Community
- Cultural Meadow Community
- Deciduous Forest Community
- Cultural Woodland Community
- Cultural Hedgerow Community
- Disturbance Zone
- Proposed Right-of-Way
- Right-of-Way

Lakeshore Corridor Expansion

Stem Count Zones



Project	TA8588-00	Figure	3B
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

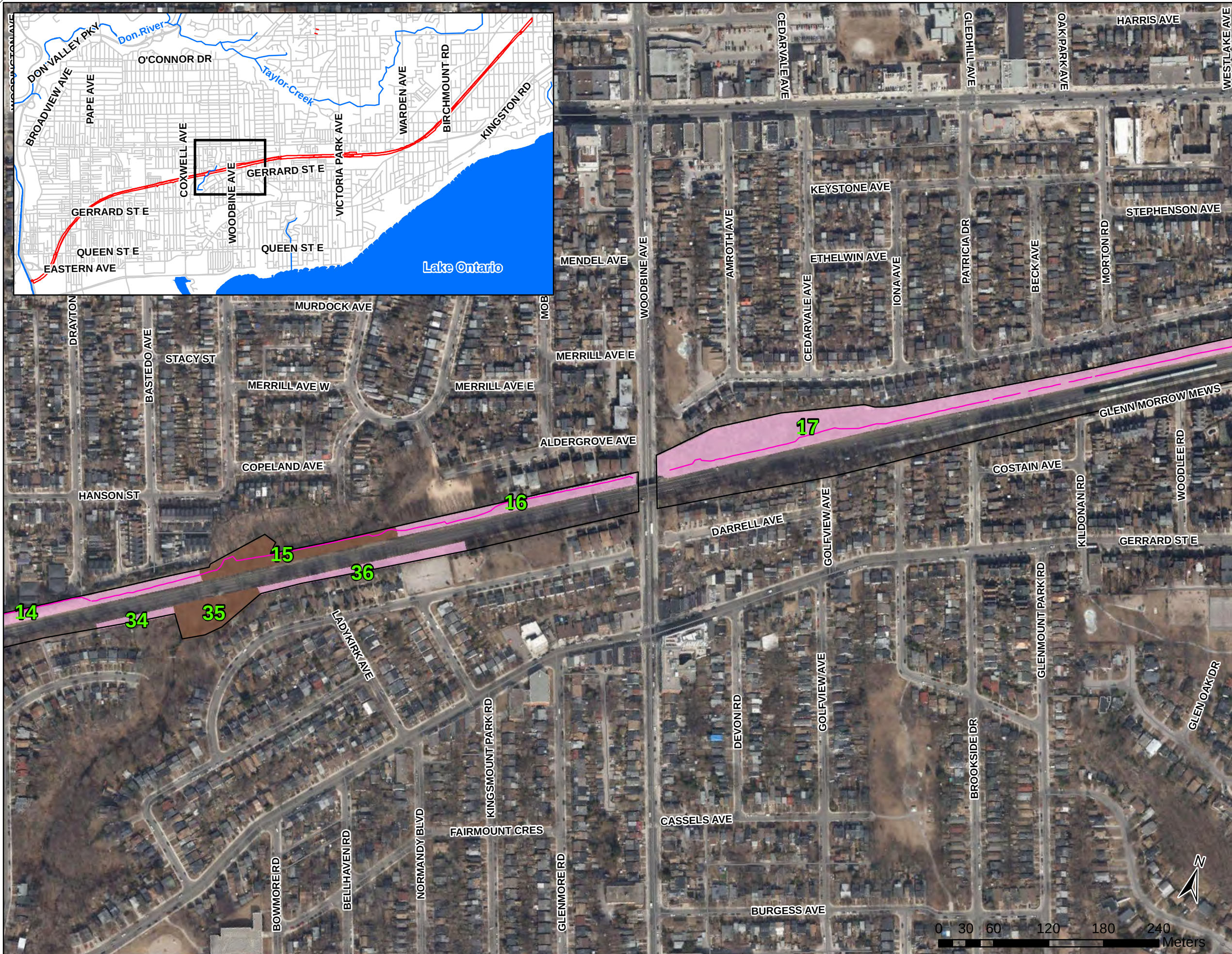
-  Stem Count Zone
-  Cultural Thicket Community
-  Cultural Meadow Community
-  Deciduous Forest Community
-  Cultural Woodland Community
-  Cultural Hedgerow Community
-  Disturbance Zone
-  Proposed Right-of-Way
-  Right-of-Way

Lakeshore Corridor Expansion

Stem Count Zones



Project	TA8588-00	Figure	3C
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

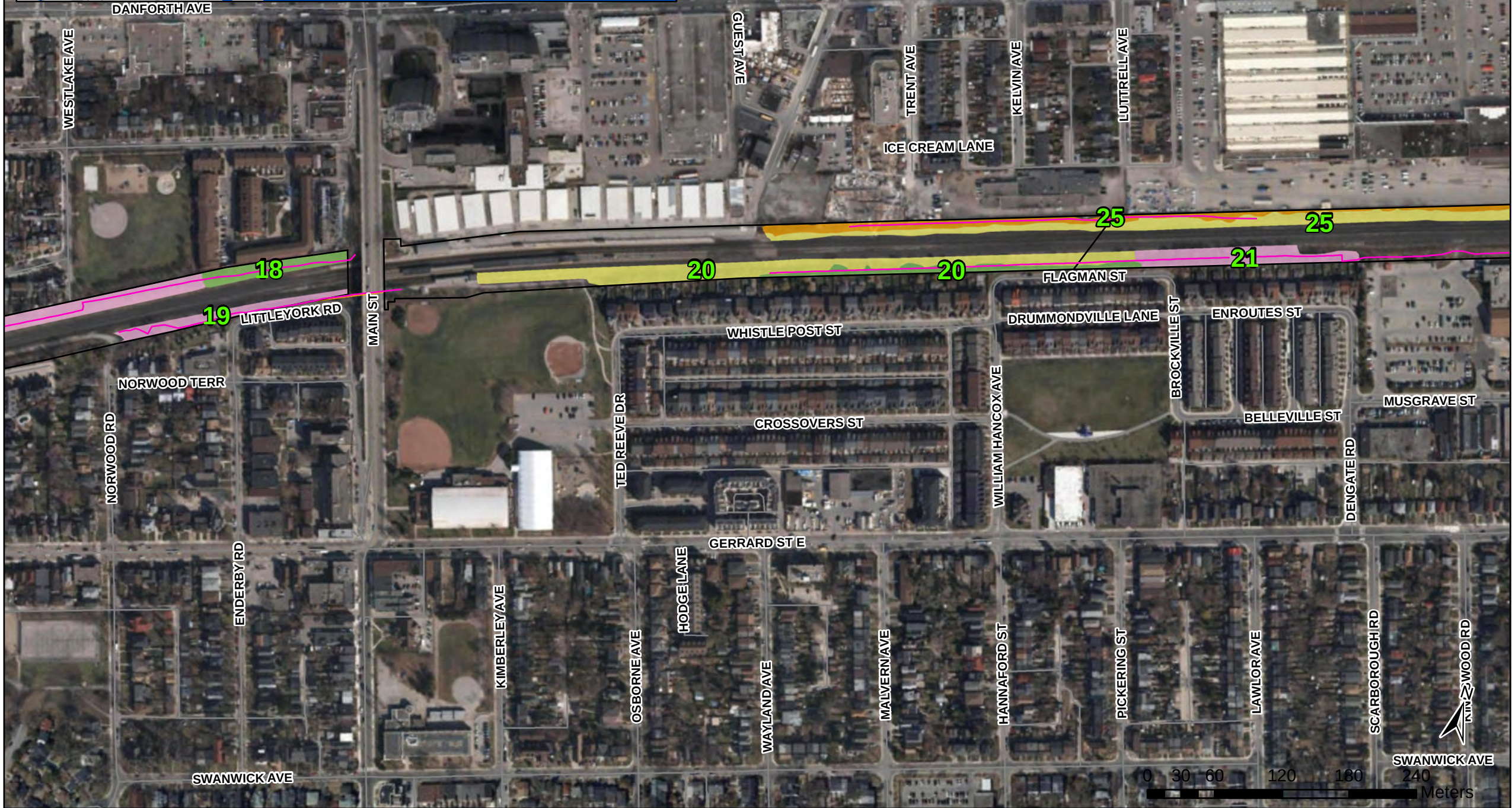
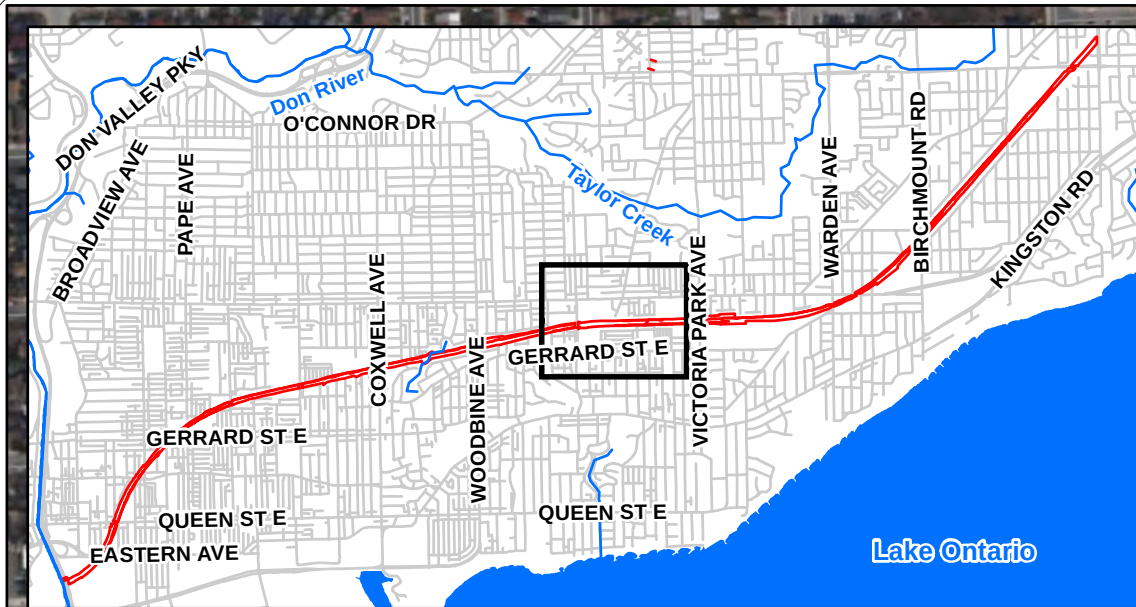
- 5 Stem Count Zone
- Cultural Thicket Community
- Cultural Meadow Community
- Deciduous Forest Community
- Cultural Woodland Community
- Cultural Hedgerow Community
- Disturbance Zone
- Proposed Right-of-Way
- Right-of-Way

Lakeshore Corridor Expansion

Stem Count Zones



Project	TA8588-00	Figure	3D
Date	December 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

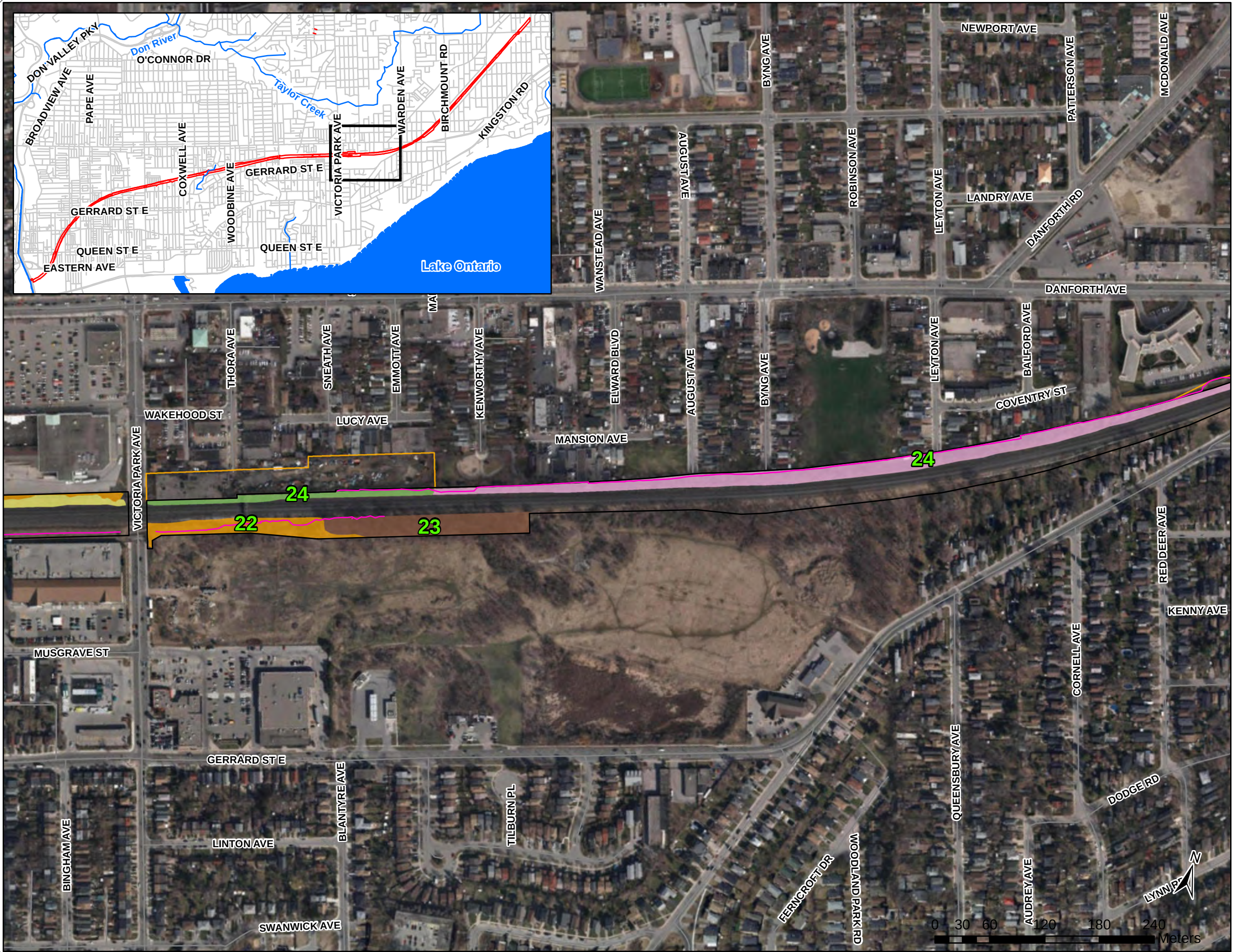
-  Stem Count Zone
-  Cultural Thicket Community
-  Cultural Meadow Community
-  Deciduous Forest Community
-  Cultural Woodland Community
-  Cultural Hedgerow Community
-  Disturbance Zone
-  Proposed Right-of-Way
-  Right-of-Way

Lakeshore Corridor Expansion

Stem Count Zones



Project	TA8588-00	Figure	3E
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

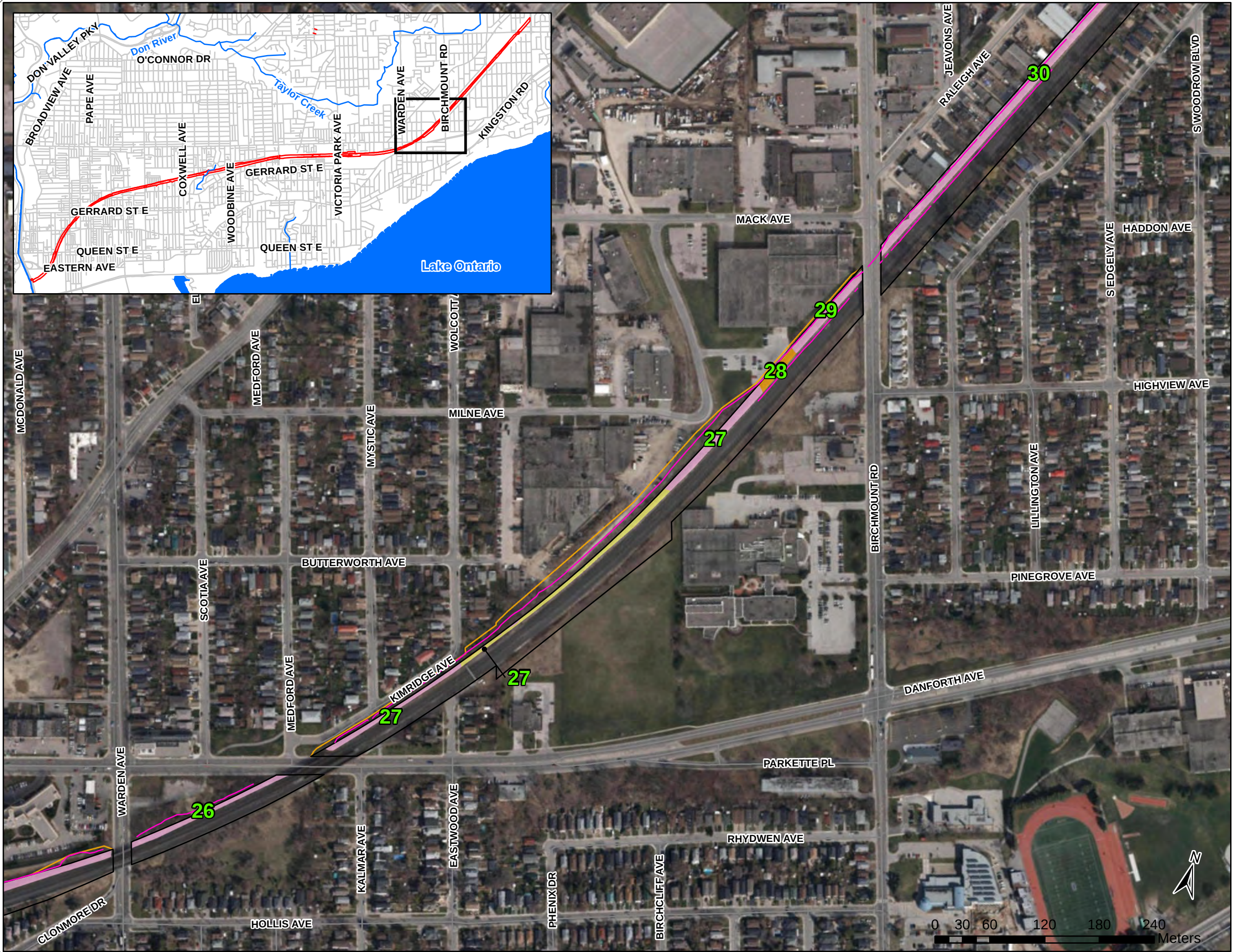
-  Stem Count Zone
-  Cultural Thicket Community
-  Cultural Meadow Community
-  Deciduous Forest Community
-  Cultural Woodland Community
-  Cultural Hedgerow Community
-  Disturbance Zone
-  Proposed Right-of-Way
-  Right-of-Way

Lakeshore Corridor Expansion

Stem Count Zones



Project	TA8588-00	Figure	3F
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



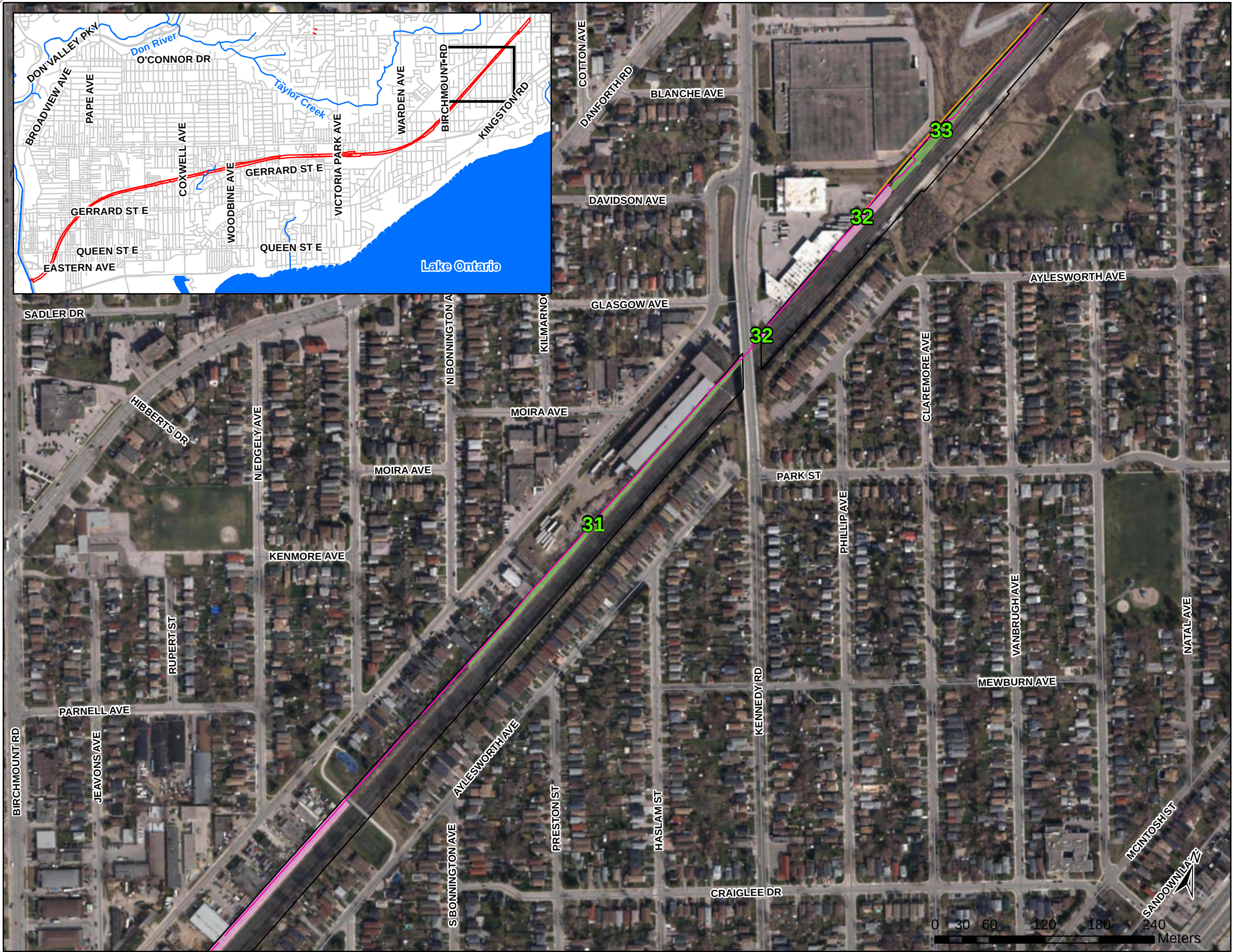
LEGEND

- 5 Stem Count Zone
- Cultural Thicket Community
- Cultural Meadow Community
- Deciduous Forest Community
- Cultural Woodland Community
- Cultural Hedgerow Community
- Disturbance Zone
- Proposed Right-of-Way
- Right-of-Way

Lakeshore Corridor Expansion
Stem Count Zones



Project	TA8588-00	Figure	3G
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

-  Stem Count Zone
-  Cultural Thicket Community
-  Cultural Meadow Community
-  Deciduous Forest Community
-  Cultural Woodland Community
-  Cultural Hedgerow Community
-  Disturbance Zone
-  Proposed Right-of-Way
-  Right-of-Way

Lakeshore Corridor Expansion
Stem Count Zones



Project	TA8588-00	Figure	3H
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC



LEGEND

-  Stem Count Zone
-  Cultural Thicket Community
-  Cultural Meadow Community
-  Deciduous Forest Community
-  Cultural Woodland Community
-  Cultural Hedgerow Community
-  Disturbance Zone
-  Proposed Right-of-Way
-  Right-of-Way

Lakeshore Corridor
Expansion
Stem Count Zones



Project	TA8588-00	Figure	3I
Date	October 2018	Prepared By:	VLG
Scale	1:4,000	Verified By:	LMC

Appendix D

Stem Count Tables

[illegible]

Species Name	Appendix D. Lakeshore East Rail Corridor Expansion - Metrolinx Western Limit to Woodbine Avenue																																								
	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5		Zone 6		Zone 7		Zone 8		Zone 9		Zone 10		Zone 11		Zone 12		Zone 13		Zone 14		Zone 15		Zone 16		Zone 17		Zone 34		Zone 35		Zone 36		
	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	
meadowsweet (<i>Spirea</i> sp.)		-				-				-		-		-		-	5	3.03		-		-															-				
staghorn sumac (<i>Rhus hirta</i>)	56	12.50		-		-	3	33.33		-	6	37.50		-		-		-		-		-	1	0.85	2	4.00	43	68.25	26	22.03	5	10.00	44	69.84	13	11.02		-		-	
Tartarian honeysuckle (<i>Lonicera tatarica</i>)	4	0.89		-		-	3	33.33	1	14.29	2	12.50		-	1	9.09	19	11.52	4	6.35	1	4.76		-	4	8.00	4	6.35	9	7.63	4	8.00	23	36.51	23	19.49		-		-	
witch hazel (<i>Hamamelis virginiana</i>)		-																										6										-			
nannyberry (<i>Viburnum lentago</i>)		-																												1										-	
trumpet vine (<i>Campsis</i> sp.)		-		-		-		-		-		-		-		-	1	0.61		-		-		-		-		-		-		-		-		-		-		-	
Total	448		9		6		35		7		16		20		11		165		133		21		118		50		63		556		107		125		64		274		5		

Species Name	Appendix D. Lakeshore East Rail Corridor - Metrolinx Woodbine Avenue to Midland Avenue																											
	Zone 18		Zone 19		Zone 20		Zone 21		Zone 22		Zone 23		Zone 24		Zone 25		Zone 26		Zone 27		Zone 30		Zone 31		Zone 32		Zone 33	
	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%
Trees																												
apple (<i>Malus</i> sp.)		-		-		-		-		-	1	0.48		-		-	1	0.23	1	0.22	5	1.59		-		-		-
ash (<i>Fraxinus</i> sp.)		-	1	0.51	3	0.59		-	1	0.23	2	0.96	6	1.42	2	0.46		-	13	2.84	4	1.27	2	0.48	1	0.24	1	0.24
balsam poplar (<i>Populus balsamifera</i>)		-	30	15.31		-	1	5.00		-		-		-		-	3	0.69		-		-		-	1	0.24	2	0.48
basswood (<i>Tilia americana</i>)		-		-		-		-		-		-		-		-	1	0.23		-	1	0.32		-		-		-
black ash (<i>Fraxinus nigra</i>)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
black locust (<i>Robinia pseudoacacia</i>)		-		-	59	11.59		-	6	1.38	12	5.74		-		-	6	1.38		-		-		-	7	1.69	2	0.48
black cherry (<i>Prunus serotina</i>)		-		-		-		-	14	3.23	9	4.31	1	0.24		-		-		-		-		-		-		-
black walnut (<i>Juglans nigra</i>)		-	13	6.63		-		-		-	2	0.96	12	2.83		-	16	3.69	14	3.06	47	14.92	105	25.42	10	2.42	8	1.94
cherry (<i>Prunus</i> sp.)	2	0.89		-		-		-		-		-		-	4	0.92		-	211	46.17	140	44.44	55	13.32		-		-
cottonwood (<i>Populus deltoides</i>)		-	2	1.02	23	4.52	7	35.00		-		-		-		-	16	3.69		-		-		-	1	0.24	3	0.73
eastern hemlock (<i>Tsuga canadensis</i>)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
eastern white cedar (<i>Thuja occidentalis</i>)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
European mountain ash (<i>Sorbus aucuparia</i>)		-		-	2	0.39		-		-		-	3	0.71		-	2	0.46		-		-		-		-		-
hawthorn (<i>Crataegus</i> sp.)		-		-		-		-		-	4	1.91		-		-		-	12	2.63		-		-		-		-
horsechestnut (<i>Aesculus hippocastanum</i>)		-		-		-		-		-		-		-		-		-		-		-		-	1	0.24		-
Manitoba maple (<i>Acer negundo</i>)	58	25.78	96	48.98	315	61.89	4	20.00	60	13.82	55	26.32	214	50.47	213	49.08	48	11.06	164	35.89	40	12.70	148	35.84	26	6.30	72	17.43
mountian Maple (<i>Acer spicatum</i>)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
Norway maple (<i>Acer platanoides</i>)	14	6.22	3	1.53	13	2.55		-	3	0.69	4	1.91	102	24.06	22	5.07	18	4.15	10	2.19	42	13.33	9	2.18	6	1.45	2	0.48
red ash (<i>Fraxinus pennsylvanica</i>)		-		-		-	2	10.00		-		-		-		-		-		-		-		-		-		-
red oak (<i>Quercus rubra</i>)		-	1	0.51		-		-	16	3.69	80	38.28		-		-	6	1.38		-		-		-		-		-
Rock Elm (<i>Ulmus thomasii</i>)		-		-	1	0.20		-		-	1	0.48	9	2.12		-		-		-		-		-		-		-
Red Maple (<i>Acer rubrum</i>)		-		-		-		-	2	0.46	4	1.91		-		-		-		-		-		-		-		-
Russian Olive (<i>Elaeagnus angustifolia</i>)		-		-		-		-		-	24	11.48	1	0.24		-		-		-		-		-	2	0.48	1	0.24
Siberian elm (<i>Ulmus pumila</i>)	14	6.22	16	8.16	20	3.93		-		-		-	14	3.30	110	25.35		-	18	3.94	33	10.48	13	3.15	2	0.48	7	1.69
silver maple (<i>Acer saccharinum</i>)		-	5	2.55	3	0.59		-		-	1	0.48	6	1.42	20	4.61	2	0.46	6	1.31	1	0.32	1	0.24		-		-
sugar Maple (<i>Acer saccharum</i>)		-		-		-		-		-	3	1.44		-		-		-		-		-		-		-		-
tree of heaven (<i>Ailanthus altissima</i>)	134	59.56	4	2.04	22	4.32	6	30.00		-		-	37	8.73	46	10.60	16	3.69		-		-	70	16.95		-		-
trembling Aspen (<i>Populus tremuloides</i>)		-	24	12.24	28	5.50		-		-		-		-		-		-		-		-		-		-		-
white elm (<i>Ulmus americana</i>)	3	1.33		-	2	0.39		-		-	1	0.48	1	0.24		-	2	0.46	3	0.66		-	4	0.97		-		-
white mulberry (<i>Morus alba</i>)		-	1	0.51	8	1.57		-		-	4	1.91	9	2.12	17	3.92		-	1	0.22	2	0.63	5	1.21	2	0.48	9	2.18
white oak (<i>Quercus alba</i>)		-		-		-		-		-	2	0.96	2	0.47		-		-		-		-		-		-		-
white pine (<i>Pinus strobus</i>)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
white poplar (<i>Populus alba</i>)		-		-		-		-		-		-		-		-	2	0.46		-		-	1	0.24		-		-
white spruce (<i>Picea glauca</i>)		-		-		-		-		-		-	1	0.24		-		-		-		-		-		-		-
willow (<i>Salix</i> sp.)		-		-	10	1.96		-		-		-		-		-		-		-		-		-	3	0.73	7	1.69
weigela (<i>Weigela</i> sp.)		-		-		-		-		-		-	6	1.42		-		-		-		-		-		-		-
yellow birch (<i>Betula alleghaniensis</i>)		-		-		-		-		-		-		-		-		-	4	0.88		-		-		-		-
Total	225		196		509		20		102		209		424		434		139		457		315		413		62		114	
Shrubs																												
alternate leaved dogwood (<i>Cornus alternifolia</i>)		-		-		-		-		-		-		-		-	4	0.44		-		-		-		-		-
beaked hazel (<i>Corylus cornuta</i>)		-		-		-		-	18	1.98	76	15.64		-		-		-		-		-		-		-		-
common buckthorn (<i>Rhamnus cathartica</i>)	2	50.00		-	5	0.98	2	10.00	9	0.99	41	8.44	24	13.95		-	12	1.32	21	3.07	5	2.67	17	9.60	24	13.56	56	31.64
burning bush (<i>Euonymus</i> sp.)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
choke cherry (<i>Prunus virginiana</i>)		-		-		-		-	58	6.38	226	46.50	33	19.19		-	6	0.66		-		-		-		-		-
currant (<i>Ribes</i> sp.)		-		-		-		-		-	1	0.21	2	1.16		-		-		-		-		-		-		-
elderberry (<i>Sambucus</i> sp.)		-		-		-		-		-	4	0.82		-		-		-		-		-		-		-		-
round leaf dogwood (<i>Cornus rugosa</i>)		-		-		-		-		-	75	15.43	3	1.74		-		-		-		-		-		-		-
Tartarian honeysuckle (<i>Lonicera tatarica</i>)	2	50.00		-	1	0.20		-		-	15	3.09	10	5.81	3	0.33	6	0.66	89	13.01	61	32.62	46	25.99	2	1.13	5	2.82
Japanese yew (<i>Taxus cuspidata</i>)		-		-		-		-		-		-		-		-		-		-		-		-		-		-
common lilac (<i>Syringa vulgaris</i>)		-		-		-		-		-		-		-		-		-		-	1	0.53	8	4.52		-		-
mapleleaf viburnum (<i>Viburnum acerifolium</i>)		-		-		-		-		-	1	0.21		-		-		-		-		-		-		-		-
red osier dogwood (<i>Cornus sericea</i>)		-		-		-		-		-		-		-		-		-		-		-		-	30	16.95	67	37.85

Species Name	Appendix D. Lakeshore East Rail Corridor - Metrolinx Woodbine Avenue to Midland Avenue																											
	Zone 18		Zone 19		Zone 20		Zone 21		Zone 22		Zone 23		Zone 24		Zone 25		Zone 26		Zone 27		Zone 30		Zone 31		Zone 32		Zone 33	
	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%	Qty	%
serviceberry (<i>Amelanchier</i> sp.)		-		-	1	0.20		-		-		-		-		-	3	0.33	13	1.90		-		-		-		-
staghorn sumac (<i>Rhus hirta</i>)		-		-	844	165.82		-	31	3.41	26	5.35	100	58.14	906	99.67	2	0.22	553	80.85	120	64.17	106	59.89	1	0.56	6	3.39
nannyberry (<i>Viburnum lentago</i>)		-		-		-		-		-	20	4.12		-		-		-		-		-		-		-		-
witch hazel (<i>Hamamelis virginiana</i>)		-		-		-		-		-	1	0.21		-		-		-	8	1.17		-		-		-		-
Total	4		0		851		2		116		486		172		909		33		684		187		177		57		134	