

Rooted Tree Services

(416) 837-1915

ARBORIST REPORT ADDENDUM

DATE: 7 August 2025, revised 26 November 2025

LOCATION: Woodborough Park (Contract No. 23ECS-MI-03FS)

INTRODUCTION:

Rooted Tree Services was retained by Green Infrastructure Partners Inc. (GIP) to review potential impacts to trees associated with proposed manhole removal and replacement. The area discussed in this report includes portions of Woodborough Park. A tree inventory and related drawings (refer to the ‘relevant supporting documents’ section of this report) were previously completed by Jacobs. The proposed works include sewer lateral replacement at select locations. This report supersedes all previously completed Arborist Reports and addendums. Trees included for removal or injury as part of the main contract work were not repeated in this report.

Tree locations have been surveyed, with driplines and minimum Tree Protection Zones (mTPZs) shown in the drawing package noted below, prepared by Jacobs.

RELEVANT SUPPORTING DOCUMENTS:

This report is to be read in conjunction with the following documents and drawings:

- City of Toronto Major Infrastructure Drawing Package, Fairbank Silverthorn Contract 4, Collector Storm Sewers, Contract No. 23ECS-MI-03FS, Sheets 1 to 238 (Jacobs, 2024)

METHODOLOGY:

Desktop analysis of the drawing package (sheets 153 and 155), in conjunction with field investigations, were used to determine required encroachment into the minimum Tree Protection Zones (mTPZs) of trees based on the proposed works. Field investigations completed on 29 July 2025 reviewed which trees would be affected proposed works. The area was walked with GIP staff during this site visit. Note that only the area shown on sheets 153 and 155 of the drawing package were included within this addendum report. Potential impacts to trees were reviewed in context of required excavation required to complete the proposed works.

The existing tree inventory of the drawing package (sheets 14 to 18) (Jacobs, 2024) was reviewed and data was extracted to produce a summary table showing the trees to be removed, injured, and/or pruned, as included in this report. Refer to Table 1 for the summary table.

Note that only trees with potential to be impacted by the proposed construction as determined by review with GIP staff on-site were reviewed in detail and updated and shown in the summary table of this report. All other trees, determined to not be impacted through review of the drawings and field work, were not re-assessed in detail or updated in the tables. A complete tree inventory update was not completed. The drawings used to form the Tree Protection Plans for this addendum were used as-is and tree locations, driplines, mTPZs, were assumed to be accurate.

RESULTS & DISCUSSION:

Tree Removals

The removal of two (2) trees, Trees 'Wood BB' and 4345 will require removal to accommodate manhole replacement. A permit will be required for the removal of these trees.

Tree Pruning – no injury

Minor tree pruning of seven (7) trees, Trees 4001, 4016, 4015, 4029, 4346, 4273 and 4775 for equipment clearance will be required. Trees will not be injured as a result of the minor pruning and will not require a permit.

Tree Preservation

The preservation of all remaining trees, including those that will be pruned and injured, can be preserved, assuming the appropriate tree protection measures are implemented. Tree protection barriers consisting of a 2" x 4" frame with orange snow fencing, for visibility, should be installed around trees to be preserved prior to the start of construction, outside of the mTPZs. Only trees with mTPZs in close proximity to proposed works have been prescribed tree protection barriers. Refer to Figure 1 for the Tree Protection Plans.

Compensation

Trees are protected by the Ravine and Natural Feature Protection By-law and will be compensated based on the City's Ravine Compensation Pilot. A total of 8 trees will need to be planted to compensate for the proposed tree removals and injuries. The trees should be planted in the spring or fall immediately following construction completion. Trees should be watered during periods of drought in the growing season for two years following installation. Refer to Figure 1 for proposed locations of replacement trees, the planting schedule, and planting detail.

CONCLUSION:

Rooted Tree Services was retained by Green Infrastructure Partners Inc. (GIP) to review potential impacts to trees associated with proposed manhole removal and replacement. The area discussed in this report includes portions of Woodborough Park. The removal of two (2) trees will be required to accommodate the proposed works. A permit will be required for the removal of all by-law regulated trees. The preservation of all remaining trees will be possible, including pruned and injured trees, assuming the appropriate tree protection measures are correctly implemented.

Respectfully Submitted,

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on behalf of Rooted Tree Services

TABLE 1. SUMMARY OF TREES TO BE REMOVED, INJURED, AND/OR PRUNED

Nearest Address	Tree #	Scientific Name	Common Name	DBH (cm)	Cat.	MTPZ (m)	TPZ Encroachment	Construction Comments	Crown Pruning Required	Crown Pruning Comments	Status Prune - no injury, Injury (permit), Remove (permit), Removal recommended (condition)	Required Compensation
Woodborough Park	Wood BB	<i>Quercus bicolor</i>	Swamp White Oak	10.5	4	3.6	Yes	Manhole Replacement			Remove (permit)	1
Woodborough Park	4345	<i>Ulmus pumila</i>	Siberian elm	73	4	9.6	Yes	Manhole Replacement			Remove (permit)	7
Woodborough Park	4003	<i>Ulmus</i> 'Morton'	Accolade Elm	~15	4	3.6	No				Preserve	
Woodborough Park	4001	<i>Ulmus</i> 'Morton'	Accolade Elm	~15	4	3.6	No	Accommodation for use of heavy equipment on-site	Approx. 5-10% of crown	Prune 2-3x3cm branches	Prune - No injury	
Woodborough Park	4775	<i>Quercus bicolor</i>	Swamp White Oak	~11	4	3.6	No	Manhole Replacement	Approx. 10% of crown	Prune 2x2cm branches for equipment access	Prune - No Injury	
Woodborough Park	4346	<i>Acer platanooides</i>	Norway Maple	57	4	7.2	No	Accommodation for use of heavy equipment on-site	Up to 20% of crown	Prune ~2-3 x 5cm branches for equipment access	Prune - No Injury	
Woodborough Park	4203	<i>Acer Negundo</i>	Manitoba Maple	21,23 [31]	4	4.8	No				Preserve	
Woodborough Park	4016	<i>Robinia pseudoacacia</i>	Black Locust	33	4	4.8	No	Accommodation for use of heavy equipment on-site	Approx. 5% of Crown	Prune 1x10cm branch for equipment access	Prune - No Injury	
Woodborough Park	4015	<i>Robinia pseudoacacia</i>	Black Locust	47	4	6.0	No	Accommodation for use of heavy equipment on-site	Approx. 5% of Crown	Prune 1x10cm branch for equipment access	Prune - No Injury	

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Woodborough Park	4029	<i>Acer Negundo</i>	Manitoba Maple	10.5	4	3.6	No	Accommodation for use of heavy equipment on-site	Up to 20% of crown	Prune 2-3x2cm branches for equipment access	Prune - No Injury	
Woodborough Park	4273	<i>Acer saccharum</i>	Sugar Maple	27	4	3.6	No	Accommodation for use of heavy equipment on-site	Approx. 10% of Crown	Prune 1x8cm and 1x 4cm branches for equipment access	Prune - No Injury	

Appendix A. Photos of the Trees



Photo 1. Trees “Wood BB” (left) and 4345 (centre), view looking southwest



Photo 2. Trees 4346 (centre right), 4003, 4775, (background right), view looking northeast



Photo 3. Tree 4203 (right centre), view looking northwest



Photo 4. Trees 4015 and 4016 (left to right), view looking southwest



Photo 5. Tree 4029 (right of centre), view looking south



Photo 6. Tree 4273, view looking north