

Rooted Tree Services

(416) 837-1915

ARBORIST REPORT ADDENDUM

DATE: 24 February 2026

LOCATION: Basement Flooding Protection Project, Assignment 36-01, 36-03, 36-06, 36-09, 36-11, 36-17

INTRODUCTION:

Rooted Tree Services was retained by Green Infrastructure Partners Inc. (GIP) to review potential impacts to trees associated with proposed Basement Flooding Protection works. The area discussed in this report includes Saxony Crescent, Chapman Road, Craig Alan Court, Matane Court, Griggsden Avenue, Drury Lane, Munhall Road, Westmount Park Road, Trio Avenue, Westroyal Road, Emery Circle, McManus Road, Poynter Drive, and Fenley Drive. Arborist Reports were previously prepared by Arcadis in 2025 and related drawings (refer to the 'relevant supporting documents' section of this report). The proposed works include installation of a storm and sanitary sewers. This report supersedes all previously completed Arborist Reports and addendums.

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

RELEVANT SUPPORTING DOCUMENTS:

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

- City of Toronto Engineering and Construction Services Drawing Package, Assignment 36-01, 36-03, 36-06, 36-09, 36-11, 36-17, Contract No. 23ECS-LU-06FP, Sheets 1 to 136 (Arcadis, 2025)

METHODOLOGY:

Desktop analysis of the drawing package (Sheets 13, 15 to 25, 27, 29, 40, 32 to 37, 39, 41, 45, 46, 49), 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 February 2, 2026 reviewed which trees would be affected proposed works, as well as required tree pruning to obtain the equipment clearance. The area was walked with GIP staff during this site visit. An additional site visit was completed on February 3, 2026. Note that only the area shown on Sheets 13, 15 to 25, 27, 29, 40, 32 to 37, 39, 41, 45, 46, 49 of the drawing package were included within this addendum report. Potential impacts to trees were reviewed in context of required excavation and aboveground equipment access required to complete the proposed works.

The tree data table of the drawing package (Sheets 6 to 10) (Arcadis, 2025) 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. Additional trees not previously included and within 6m of the proposed works were inventoried, where visible.

Note that only trees with potential to be impacted by the proposed construction as determined by review of the drawings 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 16 trees will be required to accommodate the proposed works, including for the construction access route and construction staging areas. A permit will be required for the removal of all by-law regulated trees. Refer to Table 1 for a list of trees proposed for removal and Figures 1 to 13 for the locations of the trees.

Tree Injury - Permit

The injury (mTPZ encroachment and/or crown pruning) of 21 trees, will be required to accommodate the proposed works. A permit will be required for the injury of all by-law regulated trees.

Tree injury is defined as mTPZ encroachment, crown pruning greater than 25-30% of the live crown (contrary to good arboricultural practices), crown pruning resulting in a heavily asymmetrical crown, or a combination of mTPZ encroachment and crown pruning that may result in negative long-term impacts to the health and condition of the tree. The current condition and species of the tree were taken into consideration. Refer to Table 1 for a summary of trees to be injured and Figures 1 to 13 for the Tree Protection Plans.

Any works within the mTPZs of these trees shall be supervised by a Certified Arborist and any exposed roots will be pruned by the Arborist following good arboricultural practices. Any excavation within the mTPZs of trees shall be completed using hand-digging, air spade, or hydro-vac technology to minimize damage to the roots of trees and to expose them for root pruning. Asphalt removal and replacement should be completed by hand and using light equipment only, and under supervision of a Certified Arborist.

It is the applicants' responsibility to discuss potential impacts to trees located near or wholly on adjacent properties or on shared boundary lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible through civil action. The applicant would also be required to replace such trees to the satisfaction of Urban Forestry.

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. Refer to Figures 1 to 13 for the Tree Protection Plans.

Compensation

Trees protected by the City Tree By-law and Parks By-law and require removals are to be compensated at a ratio of 3:1 trees planted to trees removed. Dead trees and trees in poor condition were excluded from these calculations. A total of 48 trees will need to be planted to compensate for the proposed tree removals. Trees should be compensated through cash-in-lieu.

CONCLUSION:

Rooted Tree Services was retained by Green Infrastructure Partners Inc. (GIP) to review potential impacts to trees associated with proposed Basement Flooding Protection works. The area discussed in this report includes Saxony Crescent, Chapman Road, Craig Alan Court, Matane Court, Griggsden Avenue, Drury Lane, Munhall Road, Westmount Park Road, Trio Avenue, Westroyal Road, Emery Circle, McManus Road, Poynter Drive, and Fenley Drive. The removal of 16 trees and the injury of 21 trees will be required to accommodate the proposed works. A permit will be required for the removal and injury 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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TABLE 1. SUMMARY OF TREES TO BE REMOVED, INJURED, AND/OR PRUNED

Nearest Address	Tree #	Scientific Name	Common Name	DBH (cm)	Category	TPZ Encroachment	Construction Comments	Crown Pruning Required	Crown Pruning Comments	Status Prune - no injury, Injury (permit), Remove (permit), Removal recommended (condition)	Required Compensation
5 Saxony Crescent	249	<i>Acer platanoides</i>	Norway Maple	70	5	No		<5%	1x8cm branch to accommodate equipment	Prune - no injury	
70 Chapman Road	470	<i>Acer platanoides</i>	Norway Maple	66	5	No		35%	2x20cm branches and 2x10cm branches to accommodate equipment (tree in poor condition)	Injury (permit)	
76 Chapman Road	459	<i>Acer platanoides</i>	Norway Maple	62	5	No		30%	1x15cm branch, 1x10cm branch and 3x8cm branches to accommodate equipment	Injury (permit)	
78 Chapman Road	454	<i>Acer platanoides</i>	Norway Maple	42	5	No		20%	2x8cm branches to accommodate equipment (tree in poor condition)	Injury (permit)	
80 Chapman Road	452	<i>Acer platanoides</i>	Norway Maple	34	5	No		10%	5x6cm branches to accommodate equipment	Prune - no injury	
80 Chapman Road	605	<i>Tilia cordata</i>	Little-leaf Linden	2	5		Proposed catchbasin and sanitary sewer			Removal (permit)	3
105 Chapman Road	606	<i>Acer platanoides</i>	Norway Maple	70	1/5	Yes	Proposed sanitary sewer	15%	1x15cm branch and 3x6cm branches to accommodate equipment	Injury (permit)	
109 Chapman Road	608	<i>Acer platanoides</i>	Norway Maple	53	1/5	Yes	Proposed catchbasin and drop structure	30%	3x10cm branches and 2x5cm branches to accommodate equipment	Injury (permit)	
113 Chapman Road	612	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	26	1/5	Yes	Proposed catchbasin	<5%	2x2cm branches to accommodate equipment	Injury (permit)	
121 Chapman Road	865	<i>Acer x freemanii</i>	Freeman Maple	3	5		Proposed catchbasin and sanitary sewer			Removal (permit)	3

Nearest Address	Tree #	Scientific Name	Common Name	DBH (cm)	Category	TPZ Encroachment	Construction Comments	Crown Pruning Required	Crown Pruning Comments	Status Prune - no injury, Injury (permit), Remove (permit), Removal recommended (condition)	Required Compensation
123 Chapman Road	862	<i>Acer x freemanii</i>	Freeman Maple	12	5		Proposed sanitary sewer			Removal (permit)	3
133 Chapman Road	1360	<i>Acer platanoides</i>	Norway Maple	61	1/5	No		<5%	3x4cm branches to accommodate equipment	Prune - no injury	
137 Chapman Road	1358	<i>Acer x freemanii</i>	Freeman Maple	19	5	No		5%	5x2cm branches to accommodate equipment	Prune - no injury	
139 Chapman Road	1357	<i>Acer platanoides</i>	Norway Maple	67	1/5	No		10%	3x4cm branches and 1x7cm branch to accommodate equipment	Prune - no injury	
147 Chapman Road	1349	<i>Tilia cordata</i>	Little-leaf Linden	44	5	No		10%	2x6cm branches and 2x2cm branches to accommodate equipment	Prune - no injury	
149 Chapman Road	1347	<i>Tilia cordata</i>	Little-leaf Linden	62	5	No		<5%	6x3cm branches to accommodate equipment	Prune - no injury	
140 Chapman Road	829	<i>Acer platanoides</i>	Norway Maple	44	5	No		50%	2x10cm branches and 3x5cm branches to accommodate equipment	Injury (permit)	
19 Griggsden Avenue	1345	<i>Tilia cordata</i>	Little-leaf Linden	48	5	No		10%	1x6cm branch and 3x3cm branches to accommodate equipment	Prune - no injury	
169 Chapman Road	767	<i>Tilia cordata</i>	Little-leaf Linden	52	5	No		25%	2x10cm branches and 4x5cm branches to accommodate equipment	Injury (permit)	
169 Chapman Road	769	<i>Tilia cordata</i>	Little-leaf Linden	51	5	No		20%	3x10cm branches to accommodate equipment	Injury (permit)	
173 Chapman Road	771	<i>Tilia cordata</i>	Little-leaf Linden	60	5	No		15%	2x10cm branches and 4x5cm branches to accommodate equipment	Prune - no injury	

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179 Chapman Road	780	<i>Tilia cordata</i>	Little-leaf Linden	49	5	No		5%	3x5cm branches to accommodate equipment	Prune - no injury	
181 Chapman Road	781	<i>Tilia cordata</i>	Little-leaf Linden	58	5	No		10%	4x5cm branches to accommodate equipment	Prune - no injury	
99 Renault Crescent	783	<i>Tilia cordata</i>	Little-leaf Linden	51	5	No		15%	1x10cm branch and 3x5cm branches to accommodate equipment	Prune - no injury	
172 Chapman Road (across the road)	795	<i>Tilia cordata</i>	Little-leaf Linden	46	5	No		15%	1x10cm branch and 2x5cm branches to accommodate equipment	Prune - no injury	
25 Chapman Road	573	<i>Tilia cordata</i>	Little-leaf Linden	72	5	No		5%	1x10cm branch and 1x4cm branch to accommodate equipment	Prune - no injury	
51/53 Chapman Road	580	<i>Tilia cordata</i>	Little-leaf Linden	64	5	No		5%	2x4cm branches and 2x6cm branches to accommodate equipment	Prune - no injury	
50 Craig Alan Court	515	<i>Quercus rubra</i>	Red Oak	74	5	No		5%	1x8cm branch to accommodate equipment	Prune - no injury	
48 Craig Alan Court	514	<i>Quercus rubra</i>	Red Oak	82	5	No		10%	1x20cm branch and 3x1cm branches to accommodate equipment	Prune - no injury	
10 Matane Court	14	<i>Corylus colurna</i>	Turkish Hazel	3	5		Proposed sanitary sewer			Removal (permit)	3
10 Matane Court	10	<i>Syringa reticulata</i>	Ivory Silk	10	5		Proposed sanitary sewer			Removal (permit)	3
11 Matane Court	34	<i>Acer platanoides</i>	Norway Maple	70	5	No		5%	1x15cm branch to accommodate equipment (tree in poor condition)	Prune - no injury	

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4 Matane Court	888	<i>Acer x freemanii</i>	Freeman Maple	22	5	No		5%	5x4cm branches to accommodate equipment	Prune - no injury	
2 Matane Court	890	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	20	5	No		20%	4x10cm branches to accommodate equipment	Injury (permit)	
2 Matane Court	891	<i>Acer platanoides</i>	Norway Maple	54	5	No		<5%	1x10 cm branch to accommodate equipment	Prune - no injury	
19 Griggsden Avenue	1342	<i>Tilia cordata</i>	Little-leaf Linden	66	5	No		5%	1x10cm branch, 1x5cm branch and 1x2cm branch to accommodate equipment	Prune - no injury	
16 Griggsden Avenue	765	<i>Tilia cordata</i>	Little-leaf Linden	44	5	No		25%	2x10cm branches, 6x5cm branches to accommodate equipment	Injury (permit)	
16/18 Griggsden Avenue	763	<i>Tilia cordata</i>	Little-leaf Linden	44	5	No		35%	1x15cm branch, 3x10cm branches and 3x5cm branches to accommodate equipment	Injury (permit)	
19 Griggsden Avenue	1341	<i>Tilia cordata</i>	Little-leaf Linden	40	5	No		15%	1x12cm branch and 3x5cm branches to accommodate equipment	Prune - no injury	
18 Griggsden Avenue	761	<i>Acer platanoides</i>	Norway Maple	30	5	No		15%	4x2cm branches to accommodate equipment	Prune - no injury	
21 Griggsden Avenue	1335	<i>Tilia cordata</i>	Little-leaf Linden	51	5	No		30%	1x12cm branch, 2x10cm branches and 1x5cm branch to accommodate equipment (tree in poor condition)	Injury (permit)	
27 Drury Lane	1363	<i>Acer platanoides</i>	Norway Maple	49	5	No		15%	1x10cm branch, 5x5cm branches to accommodate equipment	Prune - no injury	

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25 Drury Lane	1368	<i>Acer platanoides</i>	Norway Maple	35	5	No		5%	1x10cm branch to accommodate equipment	Prune - no injury	
14 Drury Lane	355	<i>Acer platanoides</i>	Norway Maple	48	5	No		30%	4x10cm branches and 4x5cm branches to accommodate equipment	Injury (permit)	
21 Drury Lane	1375	<i>Acer platanoides</i>	Norway Maple	45	5	No		35%	1x15cm branch, 2x10cm branches to accommodate equipment	Injury (permit)	
17 Drury Lane	1379	<i>Acer platanoides</i>	Norway Maple	66	1/5	No		5%	1x15cm branch to accommodate equipment	Prune - no injury	
37 Munhall Road	334	<i>Acer campestre</i>	Hedge Maple	32	5	No		10%	5x5cm branches to accommodate equipment	Prune - no injury	
39 Munhall Road	333	<i>Acer platanoides</i>	Norway Maple	70	1/5	No		10%	1x10cm branch and 3x5cm branches to accommodate equipment	Prune – no injury	
31 Munhall Road	1426	<i>Platanus x hispanica</i>	London Plane Tree	95	1	No		5%	2x10cm branches and 5x5cm branches to accommodate equipment	Prune - no injury	
27 Westmount Park Road	1448	<i>Acer platanoides</i>	Norway Maple	24	5	No		10%	7x3cm branches to accommodate equipment	Prune - no injury	
10 Trio Avenue	1486	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	33	5	No		35%	1x15cm branch and 5x10cm branches to accommodate equipment	Injury (permit)	
12 Trio Avenue	1487	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	26	5	No		35%	1x15cm branch and 5x10cm branches to accommodate equipment	Injury (permit)	

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14 Trio Avenue	1489	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	28	5	No		20%	1x10cm branch and 3x5cm branches to accommodate equipment	Injury (permit)	
35 The Westway	1476	<i>Tilia cordata</i>	Little-leaf Linden	21	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	1477	<i>Quercus rubra</i>	Red Oak	18	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	1479	<i>Quercus rubra</i>	Red Oak	18	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	1481	<i>Quercus rubra</i>	Red Oak	17	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	1483	<i>Quercus rubra</i>	Red Oak	14	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	A	<i>Acer x freemanii</i>	Freeman Maple	16	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	B	<i>Acer x freemanii</i>	Freeman Maple	17	3		Proposed storm sewer			Removal (permit)	3
35 The Westway	C	<i>Acer x freemanii</i>	Freeman Maple	16	3		Proposed storm sewer			Removal (permit)	3
10 Trio Avenue	1482	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	24	5	No		25%	4x10cm branches and 8x3cm branches to accommodate equipment	Injury (permit)	
10 Trio Avenue	1484	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	26	5	No	Proposed storm sewer			Removal (permit)	3
48 Westroyal Road	1689	<i>Acer campestre</i>	Hedge Maple	36	5	No		10%	1x10cm branch and 3x5cm branches to accommodate equipment	Prune - no injury	
51 Westroyal Road	1468	<i>Quercus rubra</i>	Red Oak	13	5	No	Proposed storm sewer			Removal (permit)	3
15 Westroyal Road	1656	<i>Acer platanoides</i>	Norway Maple	48	5	No		<5%	6x4cm branches to accommodate equipment	Prune - no injury	

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29 Westroyal Road	1644	<i>Acer platanoides</i>	Norway Maple	58	5	No		5%	10x2 branches and 5x1cm branches to accommodate equipment	Prune - no injury	
4 Korol Avenue	1715 C	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	50	5	No	Proposed entry pit			Removal (permit)	3
8 Emery Circle	1702	<i>Tilia cordata</i>	Little-leaf Linden	76	4	No		15%	1x25cm branch to accommodate equipment	Prune - no injury	
31 McManus Road	1769	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	36	4	No		10%	1x15cm branch to accommodate equipment	Prune - no injury	
29 McManus Road	1768	<i>Acer platanoides</i>	Norway Maple	29	4	No		10%	7x5cm branches to accommodate equipment	Prune - no injury	
41 Poynter Drive	2614	<i>Acer platanoides</i>	Norway Maple	40	5	No		25%	1x10cm branch and 5x5cm branches to accommodate equipment	Injury (permit)	
51 Poynter Drive	73	<i>Quercus alba</i>	White Oak	33	5	No		<5%	5x5cm branches to accommodate equipment	Prune - no injury	
55 Poynter Drive	69	<i>Acer platanoides</i>	Norway Maple	23	5	No		5%	5x3cm branches to accommodate equipment	Prune - no injury	
49 Fenley Drive	114	<i>Acer campestre</i>	Hedge Maple	13	5	No		10%	2x5cm branches and 2x4cm branches to accommodate equipment	Prune - no injury	
45 Fenley Drive	112	<i>Ulmus</i> sp.	Elm species	15	5	No		10%	7x4cm branches and 5x1cm branches to accommodate equipment	Prune - no injury	
41 Fenley Drive	110	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	14	5	No		5%	5x5cm branches to accommodate equipment	Prune - no injury	

Appendix A. Photos of the Trees



Photo 1. Tree 249



Photo 2. Tree 470



Photo 3. Tree 459



Photo 4. Tree 454



Photo 5. Tree 452



Photo 6. Trees 605 and 606



Photo 7. Tree 608



Photo 8. Tree 612



Photo 9. Tree 865



Photo 10. Tree 862



Photo 11. Tree 1360



Photo 12. Trees 1358 and 1357



Photo 13. Trees 1349 and 1347



Photo 14. Tree 829



Photo 15. Tree 1345



Photo 16. Tree 767



Photo 17. Tree 769



Photo 18. Tree 771



Photo 19. Trees 780 and 781



Photo 20. Tree 783



Photo 21. Tree 795



Photo 22. Tree 573



Photo 23. Tree 580



Photo 24. Trees 780 and 781



Photo 25. Tree 14



Photo 26. Tree 10



Photo 27. Tree 34



Photo 28. Tree 888



Photo 29. Trees 890 and 891



Photo 30. Tree 1342



Photo 31. Trees 765 and 763



Photo 32. Tree 1341



Photo 33. Tree 761



Photo 34. Tree 1335



Photo 35. Tree 1363



Photo 36. Tree 1368



Photo 37. Tree 355



Photo 38. Tree 1375



Photo 39. Tree 1379



Photo 40. Tree 334



Photo 41. Tree 333



Photo 42. Tree 1426



Photo 43. Tree 1448



Photo 44. Trees 1486, 1487, and 1489



Photo 45. Trees 1476 and 1477 (foreground)



Photo 46. Tree 1479



Photo 47. Trees 1481 and 1483 (left and right of centre)



Photo 48. Trees A-C



Photo 49. Trees 1482 and 1484



Photo 50. Tree 1689



Photo 51. Tree 1468



Photo 52. Tree 1656



Photo 53. Tree 1644



Photo 54. Tree 1715C



Photo 55. Tree 1702



Photo 56. Trees 1769 and 1768



Photo 57. Tree 2614



Photo 58. Tree 73



Photo 59. Tree 69



Photo 60. Tree 114



Photo 61. Tree 112



Photo 62. Tree 110



Photo 63. Tree 470 Showing potential pruning damage in addition to existing damage caused by pruning for utility line access



Photo 64. Tree 459 Showing potential pruning damage in addition to existing damage caused by pruning for utility line access