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URBAN FORESTRY & FOREST MANAGEMENT CONSULTING

**RE: TREE CONSERVATION INVENTORY FOR 745 SMYTH ROAD (VINCENT MASSEY PS)**

Species, ownership, diameter, condition and status of trees at 745 Smyth Road

Tree No.	Tree species	Owner-ship <sup>1</sup>	DBH <sup>2</sup> (cm)	Tree Condition; Age Class; Condition Notes; Species Origin & <b>Preservation Status</b> (to be removed or preserved and protected)
1	Red oak ( <i>Quercus rubra</i> )	City	6	Poor; juvenile; entire crown heavily impacted by salt spray; within moderately restricted rooting area; native species; <b>to be preserved and protected</b>
2	Red oak ( <i>Quercus rubra</i> )	City	10	Fair; maturing; central stem with competing laterals at 2.5m om northwest and 3.5m on north; lower crown salt spray impacted; within moderately restricted rooting area; native species; <b>to be removed</b> (conflicts with bus loop construction)
3	Norway maple ( <i>Acer platanoides</i> )	School	34	Poor; mature; central stem with suppressed lateral at 2.5m on east – weak union; divergent leaders at 4.5m; very poor vigour – in advanced decline; introduced invasive species; <b>recommended for removal</b> (poor condition – potentially hazardous)
4	Sugar maple ( <i>Acer saccharum</i> )	School	13	Good; maturing; central stem with three competing leaders at 2.75m; stem wound 0.6-1.2m on southwest healing; native species; <b>to be removed</b> (conflicts with bus loop construction)
5	Red oak ( <i>Quercus rubra</i> )	City	7	Fair; juvenile; competing leaders; salt spray impacted; within moderately restricted rooting area; native species; <b>to be removed</b> (conflicts with bus loop construction)
6	Sugar maple ( <i>Acer saccharum</i> )	School	16	Good; maturing; central stem for most of height; suppressed laterals starting at 1.5m; symmetric crown; native species; <b>to be removed</b> (conflicts with bus loop construction)
7	Sugar maple ( <i>Acer saccharum</i> )	School	12	Fair; maturing; branch clusters diminishing stem taper; poor increment (vigour); native species; <b>to be removed</b> (conflicts with swale)
8	Colorado spruce ( <i>Pices pungens</i> )	School	44	Fair; mature; good pyramidal growth form; good crown density, growth increment and needle colour; introduced species; <b>to be removed</b> (conflicts with bus loop construction)

Table 1. Con't

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9	Hackberry ( <i>Celtis occidentalis</i> )	City	21	Fair; mature; co-dominant stems at 3.5m; dense epicormic growth on lower bole; within moderately restricted rooting area; native species; <b>to be preserved and protected</b>
10	Red oak ( <i>Quercus rubra</i> )	City	25	Good; mature; dominant stem for most of height; lower crown salt spray impacted; within moderately restricted rooting area; native species; <b>to be preserved and protected</b>
11	Crab apple ( <i>Malus</i> spp.)	School	32	Fair; mature; main stem divergent towards northeast; 3 lower laterals previously removed; crown held high – 2.5m; poor crown density; cultivar; <b>to be removed</b> (conflicts with bus loop construction)
12	Crab apple ( <i>Malus</i> spp.)	School	25 & 25	Good; mature; co-dominant stems at 0.5m – central stem with different lateral towards northwest; good crown density (sprouts); cultivar; <b>to be removed</b> (conflicts with bus loop construction)
13	Crab apple ( <i>Malus</i> spp.)	School	24	Fair; mature; mildly divergent towards north; moderate basal sprouting; poor crown density; cultivar; <b>to be removed</b> (conflicts with bus loop construction)
14	Norway maple ( <i>Acer platanoides</i> )	School	63	Very poor; overmature; central stem in decline – with eutypella canker ( <i>Eutypella parasitica</i> ) at 2.5m on south; lateral stem now dominant; introduced invasive species; <b>recommended for removal</b> (very poor condition - hazardous)
15	Sugar maple ( <i>Acer saccharum</i> )	School	18	Fair; mature; co-dominant stems at 3m; symmetric crown; native species; <b>to be removed</b> (conflicts with bus loop construction)
16	Sugar maple ( <i>Acer saccharum</i> )	School	20	Good; maturing; dominant central stem; symmetric crown; native species; <b>to be removed</b> (conflicts with bus loop construction)
17	Sugar maple ( <i>Acer saccharum</i> )	School	16	Fair; maturing; multiple leaders at 3m; symmetric crown; native species; <b>to be removed</b> (conflicts with bus loop construction)
18	Honey-locust ( <i>Gleditsia triacanthos</i> )	City	9	Fair; juvenile; within very restricted rooting area; salt spray impacted; introduced species to Eastern Ontario; <b>to be removed</b> (conflicts with bus loop construction)

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Tree No.	Tree species	Ownership <sup>1</sup>	DBH <sup>2</sup> (cm)	Tree Condition; Age Class; Condition Notes; Species Origin & <b>Preservation Status</b> (to be removed or preserved and protected)
19	Honey-locust ( <i>Gleditsia triacanthos</i> )	School	+/-20	Good; maturing; co-dominant stems at 2.5m; located with fenced play area; introduced species to Eastern Ontario; <b>to be preserved and protected</b>
20	Honey-locust ( <i>Gleditsia triacanthos</i> )	City	11	Fair; juvenile; within very restricted rooting area; salt spray impacted; introduced species to Eastern Ontario; <b>to be preserved and protected</b>

<sup>1</sup>As determined from topographic survey prepared by Farley, Smith & Denis Surveying Ltd.; <sup>2</sup>Diameter at breast height, or 1.3m from grade (unless otherwise indicated). Diameters rounded to nearest centimetre.