



# Appendix L

## Cost Estimate

\*If technical reports are required in an alternative format for accessibility needs, please contact:

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Preliminary Design Cost Estimate

Preliminary Construction Cost Estimate Burleigh Hill Drive EA					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Grand Total
1	Remove Asphalt	m <sup>2</sup>	12850	\$ 15.00	\$ 192,750.00
2	Remove Sidewalk	m <sup>2</sup>	1122	\$ 16.75	\$ 18,793.50
3	Remove Curb/gutter	m	340	\$ 23.00	\$ 7,820.00
4	Asphalt (Rehabilitation)	t	622	\$ 152.50	\$ 94,855.00
5	Asphalt (Reconstruction)	t	3392	\$ 152.50	\$ 517,280.00
6	Granular A	t	12953	\$ 17.15	\$ 222,143.95
8	Remove Granular A (Reconstruction)	m <sup>2</sup>	10280	\$ 15.00	\$ 154,200.00
9	Concrete Sidewalk	m <sup>2</sup>	90	\$ 80.00	\$ 7,200.00
10	Toe Wall	m <sup>2</sup>	115	\$ 1,500.00	\$ 172,500.00
11	Multi-Use Path	m <sup>2</sup>	3559	\$350.00	\$ 1,245,650.00
12	Multi-Use Path Railing	m	595	\$ 100.00	\$ 59,500.00
13	Multi-Use Path Barrier	m	595	1000	\$ 595,000.00
14	Concrete Median	m <sup>2</sup>	63	\$ 90.00	\$ 5,670.00
15	Concrete Curb & Gutter	m	30	\$ 55.75	\$ 1,672.50
16	Remove Catch Basin	each	5	\$ 500.00	\$ 2,500.00
17	Relocate Catch Basin	each	5	\$ 2,750.00	\$ 13,750.00
18	Pavement Marking & Symbols	each	15	\$ 167.00	\$ 2,505.00
19	Pavement Marking - 10cm dashed white	m	515	\$ 5.50	\$ 2,832.50
20	Pavement Marking Roadway - 10cm solid yellow	m	1160	\$ 5.55	\$ 6,438.00
21	Pavement Marking Roadway - 10cm solid white	m	2074	\$ 5.50	\$ 11,407.00
22	Pavement Marking Roadway - 60cm solid white stop bar	m	35	\$ 33.45	\$ 1,170.75
23	Pavement Marking Crosswalk - 10cm solid white	m	118	\$ 5.50	\$ 649.00
24	Pavement Marking Crosswalk - 60cm solid white	m	117	\$ 33.45	\$ 3,913.65
25	Pavement Marking Crossrides - 40cm white	m	84	\$ 33.45	\$ 2,809.80
26	Traffic Signal Modifications	LS	1	\$ 500,000.00	\$ 500,000.00
28	Hydro Pole Relocation	each	2	\$ 60,000.00	\$ 120,000.00
29	Other Utility Relocations/Protections	LS	1	\$ 500,000.00	\$ 500,000.00
30	PXO	each	2	\$ 175,000.00	\$ 350,000.00
31	STM Sewer	LS	1	\$ 500,000.00	\$ 500,000.00
32	Escarpment Fee	LS	1	\$ 250,000.00	\$ 250,000.00
33	Property Aquisition	LS	1	\$ 250,000.00	\$ 250,000.00
<b>Sub-Total Construction Cost</b>					<b>\$ 5,813,010.65</b>
Miscellaneous Items (30%)					\$ 1,743,903.20
<b>Sub-Total Construction Cost + Contingency:</b>					<b>\$ 7,556,913.85</b>
Engineering (i.e. Detail Design) (20%)					\$ 1,511,382.77
CA & Inspection (5%)					\$ 377,845.69
Traffic Management (10%)					\$ 755,691.38
<b>Total Construction Cost + Contingency:</b>					<b>\$ 10,201,833.69</b>
<p><b>Notes:</b> Rehabilitation: Surface course (Superpave 12.5) 50mm thick, binder course (Superpave 19.0) 60mm thick.  Reconstruction: Surface course (Superpave 12.5) 50mm thick, upper binder course (Superpave 19.0) 50mm thick, lower binder course (Superpave 25.0) 50 mm thick, granular base (Gran A OPSS 1010) 525mm thick. Further details are found in the Pavement Design and Investigation Report, associated with this project.  Asphalt Pathway/Multi-Use Path - 50mm SP9.5mm and 200mm Granular A</p>					