



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix Q

Preliminary Cost Estimate

**Sheridan Park Drive Municipal Class Environmental Assessment
Preliminary Cost Estimate**

Table 1: Roadway Construction

Item	Description	Quantity	Unit	Unit Price	Amount
1 General					
1.01	Mobilization and Demobilization	1	LS	\$10,000.00	\$ 10,000.00
1.02	Provide All Required Traffic Control Devices, Flagmen, Delineators, Signage, Miscellaneous Pedestrian / Vehicular Signage, Pavement Markings, and all Other Required Materials Throughout te Entire Duration of the Construction Phase	1	LS	\$10,000.00	\$ 10,000.00
1.03	Erosion and Sediment Control	1	LS	\$2,000.00	\$ 2,000.00
1.04	Provide Dust Suppression	1	LS	\$2,000.00	\$ 2,000.00
1.05	Construction Layout including Locates	1	LS	\$5,000.00	\$ 5,000.00
1.06	Coordination with Miway for Bus Stop Relocation	1	LS	\$1,000.00	\$ 1,000.00
1.07	As-built Drawings	1	LS	\$3,000.00	\$ 3,000.00
Subtotal Item 1					\$33,000.00
2 Removals					
2.01	Removed existing trees	114	each	\$200.00	\$23,000.00
2.02	Remove traffic signals and handholes	1	LS	\$10,000.00	\$10,000.00
2.03	Remove street lighting	8	each	\$500.00	\$4,000.00
2.04	Removal and Disposal Existing Pavement	5429	sq. m	\$10.00	\$54,000.00
2.05	Topsoil Stripping / Excavation and Disposal Off-Site	12000	cu. m	\$25.00	\$300,000.00
2.06	Removal and Disposal of existing Concrete Curbs	1012	m	\$10.00	\$10,000.00
2.07	Removal of Catchbasins	6	each	\$600.00	\$4,000.00
2.08	Removal and Disposal of Concrete Sidewalk	793	sq. m	\$15.00	\$12,000.00
Subtotal Item 2					\$417,000.00

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3 Road					
3.01	Hot mix HL3 friction course asphalt 40mm compacted thickness	1360	t	\$100.00	\$136,000.00
3.02	Hot mix HL8 friction course asphalt 100mm compacted thickness	3399	t	\$90.00	\$306,000.00
3.03	OPSS Granular 'A' 200mm compacted thickness	7167	t	\$22.50	\$161,000.00
3.04	OPSS Granular 'B' 400mm compacted thickness	11946	t	\$20.00	\$239,000.00
3.05	Tack Coat	13875	sq. m	\$1.00	\$14,000.00
3.06	150mm Subdrains in filter sock	2800	m	\$50.00	\$140,000.00
3.07	Concrete Sidewalk including base	1157	sq. m	\$70.00	\$81,000.00
3.08	Concrete Island Pad	1455	sq. m	\$80.00	\$116,000.00
3.09	Supply and Install Concrete Curb and Gutter, All Types	3941	m	\$50.00	\$197,000.00
3.10	Concrete Bus Pad	1	each	\$2,500.00	\$3,000.00
3.11	Pavement Markings	1	LS	\$10,000.00	\$10,000.00
3.12	Supply and install tactile warning strips	1	LS	\$9,000.00	\$9,000.00
3.13	Relocation of existing utilities	1	LS	\$50,000.00	\$50,000.00
Subtotal Item 3					\$1,462,000.00
4 Storm					
4.01	Catch basins	9	ea	\$2,500.00	\$23,000.00
4.02	Maintenance hole catch basins	4	ea	\$4,500.00	\$18,000.00
4.03	Head wall	2	ea	\$6,000.00	\$12,000.00
4.04	Catch basin lead	42	m	\$425.00	\$18,000.00
4.05	Box culvert	20	m	\$1,000.00	\$20,000.00
4.06	100mm dia. subdrain pipe	18	m	\$200.00	\$4,000.00
4.07	300mm dia. storm sewer	237	m	\$500.00	\$119,000.00
Subtotal Item 4					\$214,000.00

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Item	Description	Quantity	Unit	Unit Price	Amount
5	Streetscaping				
5.01	Top Soil	4453	m2	\$8.00	\$36,000.00
5.02	Top Soil and Hydroseed	4926	m2	\$5.00	\$25,000.00
Subtotal Item 5					\$61,000.00
6	Electrical				
6.01	Modification to traffic signals	1	LS	\$50,000.00	\$50,000.00
6.02	Concrete poles	26	ea	\$2,400.00	\$62,000.00
6.03	LED luminaires	29	ea	\$900.00	\$26,000.00
6.04	Mast arm	26	ea	\$325.00	\$8,000.00
6.05	Streetlighting wiring	4500	m	\$10.00	\$45,000.00
Subtotal Item 6					\$141,000.00
Total Items 1 - 6					\$2,328,000.00