



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Appendix D

Costing

**HIGHWAY 52 AND POWERLINE ROAD INTERSECTION IMPROVEMENTS MCEA
30% SUBMISSION**

CLASS D - CONSTRUCTION COST ESTIMATE

No.	Description	Unit	Quantity	Unit Price	Estimated Cost
ROADWAY					
1	Traffic Control	LS	1	\$ 50,000.00	\$ 50,000.00
2	Pedestrian Control	LS	-	\$ 50,000.00	\$ -
3	Erosion and Sediment Control	LS	1	\$ 25,000.00	\$ 25,000.00
4	Contract Initiation	LS	1	\$ 50,000.00	\$ 50,000.00
5	Earth Excavation - Pavement Widening	m3	4,931	\$ 30.00	\$ 147,934.00
6	Cleaning and Grubbing	LS	1	\$ 15,000.00	\$ 15,000.00
7	Tree Removals	LS	1	\$ 15,000.00	\$ 15,000.00
8	Removal of Asphalt	m3	773	\$ 38.00	\$ 29,370.00
9	Removal of Curb & Gutter	m	51	\$ 26.00	\$ 1,326.00
10	Removal of Median	m2	-	\$ 40.00	\$ -
11	Removal of Concrete Sidewalk	m2	-	\$ 28.00	\$ -
12	Granular A	t	2,650	\$ 43.00	\$ 113,950.00
13	Granular B	t	6,624	\$ 32.00	\$ 211,968.00
14	Top Lift Asphalt	t	1,196	\$ 226.00	\$ 270,296.00
15	Bottom Lift Asphalt	t	2,024	\$ 264.00	\$ 534,336.00
16	Concrete Barrier with Gutter Curb	m	618	\$ 125.00	\$ 77,250.00
17	Concrete Barrier Curb	m	60	\$ 126.00	\$ 7,560.00
18	Multi-Use-Path	m ²	929	\$ 57.00	\$ 52,953.00
19	Sod, Water Included	m ²	5,113	\$ 32.00	\$ 163,616.00
20	Topsoil (150mm depth)	m3	767	\$ 133.00	\$ 102,005.00
21	Median	m ²	601	\$ 88.00	\$ 52,888.00
22	Concrete Sidewalk with Granular 'A'	m ²	-	\$ 88.00	\$ -
23	Concrete Truck Apron with Granular 'A'	m ²	300	\$ 88.00	\$ 26,400.00
24	Concrete Pad with Granular 'A'	m ²	-	\$ 88.00	\$ -
25	Pavement marking and signage	LS	1	\$ 30,000.00	\$ 30,000.00
26	Retaining Wall (50m long)	LS	1	\$ 135,000.00	\$ 135,000.00
27	Excess Soil (assumes 50% off-site)	LS	1	\$ 87,500.00	\$ 87,500.00
ROAD SUB-TOTAL					\$ 2,199,352.00
STORM SEWER					
28	Removal of catchbasin, incl. leads	ea	-	\$ 510.00	\$ -
29	Installation of Catchbasins, incl. Standard Frame	ea	8	\$ 4,000.00	\$ 32,000.00
30	Installation of Leads	m	80	\$ 410.00	\$ 32,800.00
31	Culverts (750, 900, 2*1350mm), incl. trench/backfill	m	146	\$ 1,416.00	\$ 206,736.00
32	Subdrain	m	618	\$ 50.00	\$ 30,900.00
STORM SUB-TOTAL					\$ 302,436.00
UTILITIES					
33	Removal of Culvert	m	56	\$ 85.00	\$ 4,760.00
34	Replace utility poles	ea	-	\$ 20,000.00	\$ -
35	Replace concrete utility poles	ea	-	\$ 17,000.00	\$ -
36	Relocate Hydrants	ea	-	\$ 1,000.00	\$ -
37	Relocate other hydro, telecom, fibre and gas	LS	1	\$ 10,000.00	\$ 10,000.00
UTILITIES SUB-TOTAL					\$ 14,760.00
STREETLIGHTING, INTERSECTION CONTROL					
38	Streetlighting	ea	18	\$ 15,000.00	\$ 270,000.00
39	Traffic Control Signals, per Intersection	ea	-	\$ 150,000.00	\$ -
STREETLIGHTING SUB-TOTAL					\$ 270,000.00
LANDSCAPING					
40	For Central Island	LS	1	\$ 5,000.00	\$ 5,000.00
41	For Roadway	LS	1	\$ 20,000.00	\$ 20,000.00
LANDSCAPING SUB-TOTAL					\$ 25,000.00
CONSTRUCTION TOTAL					\$ 2,811,548.00
Engineering and Architectural Services				15.0%	\$ 421,800.00
City Internal Costs				7.5%	\$ 210,900.00
SUB-TOTAL					\$ 3,444,248.00
Contingency				30.0%	\$ 1,033,300.00
TOTAL PRELIMINARY COST ESTIMATE (2028 Construction incl. Escalation)					\$ 4,752,000.00