

**Cost Estimate for Alton Main St. North and Queen Street West**

ITEMS	UNIT	UNIT COST	Option 1 - Full Reconstruction		Option 2 - Localized Asphalt Reclamation	
			QUANTITY	COST	QUANTITY	COST
<b>General</b>						
Bonding and Insurance	L.S.	\$ 300,000.00	1	\$ 350,000.00	1	\$ 300,000.00
Traffic Control	L.S.	\$ 400,000.00	1	\$ 400,000.00	1	\$ 350,000.00
Site Office	L.S.	\$ 18,000.00	1	\$ 18,000.00	1	\$ 18,000.00
Signage (PVMS, Project Signs)	L.S.	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.00
Construction Layout	L.S.	\$ 30,000.00	1	\$ 30,000.00	1	\$ 30,000.00
Environmental Controls	L.S.	\$ 65,000.00	1	\$ 65,000.00	1	\$ 65,000.00
Monitoring and Inspection	L.S.	\$ 50,000.00	1	\$ 50,000.00	1	\$ 50,000.00
<b>Removals</b>						
Road removal	m <sup>2</sup>	\$ 5.00	21000	\$ 105,000.00	12000	\$ 60,000.00
Remove Existing Streetlighting	L.S.	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.00
Clearing and Grubbing	m <sup>2</sup>	\$ 5.00	4000	\$ 20,000.00	4000	\$ 20,000.00
Tree Removal	ea.	\$ 150.00	100	\$ 15,000.00	100	\$ 15,000.00
<b>Roadworks</b>						
Earth Excavation (grading)	m <sup>3</sup>	\$ 20.00	27750	\$ 555,000.00	22050	\$ 441,000.00
HL 1	tonne	\$ 120.00	2300	\$ 276,000.00	2220	\$ 266,400.00
HL 8	tonne	\$ 70.00	2730	\$ 191,100.00	1510	\$ 105,700.00
150mm Reclamation and Asphalt Stabilization	m <sup>2</sup>	\$ 2.50	0	\$ -	9200	\$ 23,000.00
Granular A	tonne	\$ 21.50	8397	\$ 180,535.50	2317	\$ 49,815.50
Granular B Type II	tonne	\$ 20.00	14610	\$ 292,200.00	4305	\$ 86,100.00
Subdrains	m	\$ 24.00	4000	\$ 96,000.00	2400	\$ 57,600.00
Curb and Gutter	m	\$ 60.00	4000	\$ 240,000.00	4000	\$ 240,000.00
Guiderail	m	\$ 250.00	2100	\$ 525,000.00	2100	\$ 525,000.00
Sidewalk	m <sup>2</sup>	\$ 75.00	2100	\$ 157,500.00	2100	\$ 157,500.00
Permeable Pavers	m <sup>2</sup>	\$ 260.00	350	\$ 91,000.00	350	\$ 91,000.00
Coloured Impressed Concrete	m <sup>2</sup>	\$ 125.00	950	\$ 118,750.00	950	\$ 118,750.00
Nursery Sod	m <sup>2</sup>	\$ 15.00	5800	\$ 87,000.00	5800	\$ 87,000.00
Hydroseed	m <sup>2</sup>	\$ 15.00	19000	\$ 285,000.00	19000	\$ 285,000.00
Silt Fence	m	\$ 20.00	750	\$ 15,000.00	750	\$ 15,000.00
<b>Structures</b>						
Retaining Walls	m <sup>2</sup>	\$ 1,900.00	480	\$ 912,000.00	480	\$ 912,000.00
Parapet Walls on Bridge	m <sup>3</sup>	\$ 5,000.00	16.5	\$ 82,500.00	16.5	\$ 82,500.00
Railings on Bridge	m	\$ 650.00	47	\$ 30,550.00	47	\$ 30,550.00
Bridge Deck Patch, Waterproof, Repave	m <sup>2</sup>	\$ 100.00	190	\$ 19,000.00	190	\$ 19,000.00
<b>Sewers</b>						
Storm Sewers - All sizes	m	\$ 350.00	1450	\$ 507,500.00	1450	\$ 507,500.00
Culverts - All sizes (concrete)	m	\$ 6,000.00	20	\$ 120,000.00	20	\$ 120,000.00
Culverts - All sizes (pipe)	m	\$ 385.00	160	\$ 61,600.00	160	\$ 61,600.00
CBs/DCBs/DICBs	ea.	\$ 7,000.00	46	\$ 322,000.00	46	\$ 322,000.00
MHs/CBMHs	ea.	\$ 10,000.00	25	\$ 250,000.00	25	\$ 250,000.00
OGS units	ea.	\$ 45,000.00	2	\$ 90,000.00	2	\$ 90,000.00
<b>Streetscaping</b>						
Street Furniture Items	ea.	\$ 2,000.00	16	\$ 32,000.00	16	\$ 32,000.00
Landscaping Treatments	L.S.	\$ 50,000.00	1	\$ 50,000.00	1	\$ 50,000.00
Landscape Plantings (trees, shrubs)	L.S.	\$ 50,000.00	1	\$ 50,000.00	1	\$ 50,000.00
<b>Illumination</b>						
Poles	ea.	\$ 5,000.00	40	\$ 200,000.00	40	\$ 200,000.00
Luminaires c/w Arms	ea.	\$ 2,600.00	60	\$ 156,000.00	60	\$ 156,000.00
Power Supplies	ea.	\$ 1,500.00	3	\$ 4,500.00	3	\$ 4,500.00
Cabling and Ducts (open cut)	m	\$ 2,500.00	60	\$ 150,000.00	60	\$ 150,000.00
Cabling and Ducts (bored)	m	\$ 2,500.00	140	\$ 350,000.00	140	\$ 350,000.00
<b>Utility Relocations</b>						
				\$ 460,000.00	\$ 460,000.00	
<b>Miscellaneous Minor Items (10%)</b>						
				\$ 757,073.55	\$ 686,451.55	
<b>Subtotal</b>						
				\$ 8,787,809.05	\$ 8,010,967.05	
<b>Engineering Services (10%)</b>						
				\$ 878,780.91	\$ 801,096.71	
<b>Contingency (10%)</b>						
				\$ 878,780.91	\$ 801,096.71	
<b>GRAND TOTAL</b>						
				\$ 10,545,370.86	\$ 9,613,160.46	