



## Appendix T: PRELIMINARY COST ESTIMATES



Engineering  
for **people**

<b>Preliminary Construction Cost Estimate</b> <b>Solution 2 - Interim Preferred Solution</b> <b>Pavement widening on Lakeshore Rd West, 'Side-by-Side' Left turn lanes</b>					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Price
1	Clearing and Grubbing	m <sup>2</sup>	900	\$13.50	\$12,150
2	Earth Excavation	m <sup>3</sup>	500	\$13.50	\$6,750
3	Remove Asphalt	m <sup>2</sup>	300	\$11.50	\$3,450
4	Remove Sidewalk	m <sup>2</sup>	200	\$11.00	\$2,200
5	Remove Curb/gutter	m	230	\$24.00	\$5,520
6	Asphalt HL-1	t	55	\$115.00	\$6,376
7	HDBC	t	185	\$100.00	\$18,480
8	Granular A	m <sup>3</sup>	84	\$55.00	\$4,620
9	Granular B	m <sup>3</sup>	294	\$35.00	\$10,290
10	Concrete Sidewalk	m <sup>2</sup>	200	\$80.00	\$16,000
11	Concrete Median	m <sup>2</sup>	300	\$80.00	\$24,000
12	Concrete Curb & Gutter	m	500	\$60.00	\$30,000
13	Relocate Catch Basin	each	4	\$2,500.00	\$10,000
14	Pavement Marking & Symbols	m	600	\$5.00	\$3,000
15	Traffic Signal Modifications	LS	2	\$100,000.00	\$200,000
16	Street Lighting Modifications	each	5	\$10,000.00	\$50,000
17	Hydro Pole Relocation	each	3	\$60,000.00	\$180,000
18	Other Utility Relocations/Protections	LS	1	\$100,000.00	\$100,000
<b>Sub-Total Construction Cost</b>					<b>\$682,836</b>
Contingency (20%)		20%			\$136,567
Engineering (12%)		12%			\$81,940
C & A (6%)		6%			\$40,970
Traffic Management (10%)		10%			\$68,284
<b>Total Construction Cost</b>					<b>\$942,313</b>
Notes: Property cost is not included					

**Preliminary Construction Cost Estimate  
Solution 1 - Preferred Solution  
Realignment of Clarkson Road North**

<b>Item No.</b>	<b>Description</b>	<b>Unit</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
1	Clearing and Grubbing	m <sup>2</sup>	2800	\$13.50	\$37,800
2	Earth Excavation	m <sup>3</sup>	2800	\$13.50	\$37,800
3	Remove Asphalt	m <sup>2</sup>	3800	\$11.50	\$43,700
4	Remove Sidewalk	m <sup>2</sup>	315	\$11.00	\$3,465
5	Remove Curb/gutter	m	210	\$24.00	\$5,040
6	Asphalt HL-1	t	132	\$115.00	\$15,142
7	HDBC	t	439	\$100.00	\$43,890
8	Granular A	m <sup>3</sup>	199.5	\$55.00	\$10,973
9	Granular B	m <sup>3</sup>	698.25	\$35.00	\$24,439
10	Concrete Sidewalk	m <sup>2</sup>	450	\$80.00	\$36,000
11	Concrete Curb & Gutter	m	310	\$60.00	\$18,600
12	Catch Basin	each	10	\$2,500.00	\$25,000
13	Storm Pipe	m	140	\$250.00	\$35,000
14	Storm Manhole	each	2	\$8,000.00	\$16,000
15	Pavement Marking & Symbols	m	600	\$5.00	\$3,000
15	Existing Traffic Signal Removals	LS	1	\$10,000.00	\$10,000
15	Traffic Signal Modifications	LS	1	\$120,000.00	\$120,000
16	Street Lighting	each	10	\$10,000.00	\$100,000
16	Hydro Pole Relocation	each	3	\$60,000.00	\$180,000
17	Other Utility Relocations/Protections	LS	1	\$200,000.00	\$200,000
<b>Sub-Total Construction Cost</b>					<b>\$965,848</b>
Contingency (20%)		20%			\$193,170
Engineering (12%)		12%			\$115,902
C & A (6%)		6%			\$57,951
Traffic Management (10%)		10%			\$96,585
<b>Total Construction Cost</b>					<b>\$1,429,455</b>
Notes: Property cost is not included					