

APPENDIX L
PRELIMINARY COST ESTIMATES



Alternative 1 - Claremont Memorial Park SWM Tank and Drainage Upgrades				
Item Number	Item Description	Unit	Estimated Quantity	Supply and Install Total (\$)
1	Storm Sewers	m	1497	\$ 2,436,654
2	Manholes	ea	36	\$ 540,000
3	Custom Manhole	ea	1	\$ 50,500
4	Catch Basins	ea	66	\$ 251,595
5	Storage Facilities	m ³	3256	\$ 1,302,400
6	Leads	m	330	\$ 93,390
7	Outfalls	ea	3	\$ 55,000
8	Ditch Reprofilng	m	233	\$13,980
9	Twin Culvert	m	12	\$ 4,500
10	Lane St/Old Brock Road Intersection Regrading	LS	1	\$ 10,000
11	Infiltration Gallery	LS	1	\$ 124,800
Subtotal				\$ 4,882,818
12	15% Contingency		15.0%	\$ 732,423
13	Construction Mobilization (Survey, Markup, Hoarding, Laydown Area)		2.5%	\$ 122,070
14	Traffic Controls (Signage, Flagmen, Barriers, Permits)		6.0%	\$ 292,969
15	Engineering		10.0%	\$ 488,282
Total				\$ 6,518,563

Alternative 2 - Central Street ROW SWM Tank and Drainage Upgrades				
Item Number	Item Description	Unit	Estimated Quantity	Supply and Install Total (\$)
1	Storm Sewers	m	1446	\$ 2,027,466
2	Manholes	ea	29	\$ 435,000
3	Custom Manhole	ea	1	\$ 50,500
4	Catch Basins	ea	66	\$ 251,595
5	Storage Facilities	m ³	2610	\$ 1,044,000
6	Leads	m	330	\$ 93,390
7	Outfalls	ea	2	\$ 45,000
8	Ditch Reprofilng	m	233	\$ 13,980
9	Twin Culvert	m	12	\$ 4,500
10	Lane St/Old Brock Road Intersection Regrading	LS	1	\$ 10,000
11	Infiltration Gallery	LS	1	\$ 124,800
Subtotal				\$ 4,100,231
12	15% Contingency		15.0%	\$ 615,035
13	Construction Mobilization (Survey, Markup, Hoarding, Laydown Area)		2.5%	\$ 102,506

Alternative 2 - Central Street ROW SWM Tank and Drainage Upgrades				
Item Number	Item Description	Unit	Estimated Quantity	Supply and Install Total (\$)
14	Traffic Controls (Signage, Flagmen, Barriers, Permits)		6.0%	\$ 246,014
15	Engineering		10.0%	\$ 410,023
Total				\$ 5,473,809

ROW Restoration Cost Estimates		
Item	Alternative 1	Alternative 2
Granular A	\$ 101,758	\$ 86,184
Granular B	\$ 155,463	\$ 131,670
Binder Asphalt	\$ 166,204	\$ 140,767
Asphalt Placement	\$ 83,102	\$ 70,384
Pavement Markings	\$ 7,668	\$ 6,300
Total	\$ 514,195	\$ 435,305