

Appendix E – Estimated Capital Costs

**GORDON STREET IMPROVEMENTS CLASS EA - QUANTITY APPROXIMATIONS
(EDINBURGH TO LOWES 1050m + LANDSDOWN to EDINBURGH 350m)**

ITEM	OPTION 4	Unit Costs	Extension
Catch Basin-New	20	\$ 2,000.00	\$ 40,000.00
Manholes-New	3	\$ 5,000.00	\$ 15,000.00
Catch Basin-Relocate	4	\$ 1,000.00	\$ 4,000.00
Manhole- relocate	0	\$ 3,000.00	\$ -
MH Replace Frame and Lid	20	\$ 750.00	\$ 15,000.00
MH Adjust Frame and Lid	3	\$ 500.00	\$ 1,500.00
Tree Removals	10	\$ 300.00	\$ 3,000.00
Relocate Hydrants	3	\$ 1,500.00	\$ 4,500.00
Hydro Poles	9	\$ 20,000.00	
Traffic Signal Poles	11	\$ 30,000.00	
Street Light Poles	22	\$ 15,000.00	
Reconstruct Stairs (Contingency)	Yes		
Property Acquisition	Yes		
Total			\$ 83,000.00

Property Estimations
 186.8sq.m.-#1354
 7.8sq.m.-#1417+1419
 7.5sq.m.-#1448
 16.0sq.m Lowes corner

Property Cost Estimation

Total Area (m ²)	218.1
Unit Cost*	\$ 538.20
Property Cost	\$ 117,381.42

* Source City of Guelph Real Estate

Length (m)	1400	\$/m unit costs	Extended costs
Excavation	1	\$ 16.00	\$ 22,400.00
Removals (included in Contingency Allce.)	1	\$ -	\$ -
Granular A	1	\$ 11.90	\$ 16,660.00
Granular B	1	\$ 24.50	\$ 34,300.00
Shared Pathway	2	\$ 225.00	\$ 630,000.00
Boulevard Turf	2	\$ 14.50	\$ 40,600.00
Concrete C&G	1	\$ 50.00	\$ 70,000.00
Subdrain	1	\$ 30.00	\$ 42,000.00
Step Joint Milling (one side)	1	\$ 16.00	\$ 22,400.00
Step Joint Surface	1	\$ 15.00	\$ 21,000.00
Surface Asphalt (50mm)	1	\$ 15.00	\$ 21,000.00
Base Asphalt (100mm)	1	\$ 27.00	\$ 37,800.00
Turf (m2)	5	\$ 15.00	\$ 105,000.00
Sub-Total			\$ 1,063,160.00

Edinburgh Road S. to Lowes Road

Cross Section Unit Cost	\$ 760.00
Projet Length (m) Approx.	1047
Cost by Cross Section Unit Cost	\$ 795,720.00
Landsdown Drive to Edinburgh Road S.	1
Combined Total Cross Section Unit Cost	\$ 760.00
Project Length (m) Approx.	353
Cost by Cross Section Unit Cost	\$ 268,280.00

Utility Costs

Hydro Poles	9		
\$ 20,000.00	\$ 180,000		\$ 180,000
Traffic Signal Poles	11		
\$ 30,000.00	\$ 330,000		\$ 330,000
Street Light Poles	22		
\$ 15,000.00	\$ 330,000		\$ 330,000
Total Pole relocations	\$840,000		\$840,000

Project Cost	\$ 2,103,541.42
Rounded Base Const.	\$ 2,104,000.00

(excluding Engineering, Contingency and HST)