

PARSONS

FUNCTIONAL DESIGN COST ESTIMATE

Project No. 476853
 Contract No. TBD

Subject: **Elmvale shopping centre - Phase 1**

Class 'C' Cost Estimate

By: GH Date: 11/13/2018

Checked: PR Date: 10/5/2018

Item No.	Item	Unit	Estimated Quantity	Unit Price	Amount	
A-001	Traffic Control Plan	LS	1.0	\$ 15,000.00	\$ 15,000.00	
A-002	Police Assistance at Intersection	hr	40.0	\$ 213.10	\$ 8,524.00	
A-003	Construction Site Pedestrian Control Plan	LS	1.0	\$ 2,500.00	\$ 2,500.00	
A-004	Erosion and sediment control plan and monitoring	LS	1.0	\$ 1,500.00	\$ 1,500.00	
A-005	Steel interlocking pedestrian barriers	m	20.0	\$ 30.00	\$ 600.00	
Section A Total					\$ 28,124.00	8.4%
Section B - Watermain and Sewers						
B-001	Relocate Hydrant	ea	1	\$ 10,000.00	\$ 10,000.00	
B-002	Relocate Existing Catchbasin	ea	1	\$ 10,000.00	\$ 10,000.00	
B-003	New Catchbasin incl. lead & adjustments	ea	5	\$ 10,000.00	\$ 50,000.00	
Section B Total					\$ 70,000.00	20.8%
Section C - Roadway						
C-001	Saw-cutting of asphalt	m	170.0	\$ 10.00	\$ 1,700.00	
C-002	Removal of asphalt pavement by dry grinding	m2	398.0	\$ 30.00	\$ 11,940.00	
C-003	Earth excavation - grading, including all removals	m3	241.9	\$ 35.00	\$ 8,465.10	
C-004	Granular 'A'	t	215.0	\$ 30.00	\$ 6,450.84	
C-005	Granular 'B' Type II	t	187.1	\$ 25.00	\$ 4,677.75	
C-006	Monolithic Concrete sidewalks, boulevards and islands	m2	354.0	\$ 120.00	\$ 42,480.00	
C-007	Concrete barrier curb as per SC1.1	m	15.0	\$ 80.00	\$ 1,200.00	
C-008	TWSI	m2	17.6	\$ 1,000.00	\$ 17,600.00	
C-009	Adjusting or Rebuilding CBs, any size, any type	ea	5	\$ 750.00	\$ 3,750.00	
C-010	Adjusting or Rebuilding MHs & VCs, any size, any type	ea	2.0	\$ 750.00	\$ 1,500.00	
C-011	Performance Graded Superpave 12.5mm Level B (PG 64-34)	t	127.8	\$ 300.00	\$ 38,328.00	
C-012	Performance Graded Superpave 19mm Level B (PG 64-34)	t	31.8	\$ 280.00	\$ 8,890.56	
C-013	Topsoil, imported (100 mm thick)	m3	7.5	\$ 100.00	\$ 750.00	
C-014	Sodding including watering	m2	75.0	\$ 20.00	\$ 1,500.00	
C-015	Pavement markings, symbols, and signage	LS	1.0	\$ 2,000.00	\$ 2,000.00	
Section C Total					\$ 151,232.25	45.0%
Section C - Traffic & Streetlighting						
D-001	New Street light luminaires	ea	1.0	\$ 1,000.00	\$ 1,000.00	
D-002	Relocate existing Streetlighting plant	LS	1.0	\$ 10,000.00	\$ 10,000.00	
D-003	Traffic Signals - U/G plant (assumed)	LS	1.0	\$ 75,000.00	\$ 75,000.00	
Section D Total					\$ 86,000.00	25.6%
Project Costs						
	Subtotal Construction Costs (Sections A-C)			<i>Rounded</i>	\$ 336,000	100.0%
	Engineering, design, project management		20%		\$ 67,200	
	Property costs		0%		\$ -	
	Utilities		5%		\$ 16,800	
	Hydro pole relocation		LS		\$ 40,000	
	Miscellaneous soft costs (Permits, communications, etc.)		5%		\$ 16,800	
	Project Contingency		30%		\$ 143,040	
Total Project Cost (Rounded)					\$ 620,000	
General Notes:						
1. This Class 'C' cost estimate is provided for information purposes only and should not be considered as a final cost estimate for construction.						
2. Property acquisition costs are assumed to be zero for this project.						
3. Costs are in 2018 dollars and exclude HST						