



May 22, 2024

Ecora File No.: 2400105

Landvision Group
106 - 15585 24 Avenue
Surrey, BC, V4A 2J4

Attention: Kiran Nagra

Reference: Daimler Drive Traffic Improvements | Class D Cost Estimate

Ecora Engineering and Environmental Ltd. (Ecora) was retained to undertake a conceptual design of the traffic improvements as prescribed in the Align Engineering memorandum dated April 13, 2023 and provide a Class D cost estimate, including and limited to the following:

- Roundabout at the intersection of Auburn Road & Daimler Drive
- Through and left-turn restriction from Byland Road & Old Okanagan Highway onto Daimler Drive
- Dual left-turn lane from Daimler Drive onto Highway 97 (Northbound)

Section	Specification Title	Unit	QTY	Unit Price	Amount
01	General Requirements				
	Traffic Control, Vehicle Access and Parking	LS	1.0	\$ 20,000.00	\$ 20,000.00
	Silt Fence & Sediment Control Measures	LS	1.0	\$ 2,500.00	\$ 2,500.00
	Construction Surveying	LS	1.0	\$ 15,000.00	\$ 15,000.00
	Mobilization & Demobilization	LS	1.0	\$ 8,000.00	\$ 8,000.00
03	Concrete				
	Barrier Curb	LM	670.0	\$ 190.00	\$ 127,300.00
	Rollover Curb	LM	65.0	\$ 170.00	\$ 11,050.00
	Median Curb	LM	300.0	\$ 160.00	\$ 48,000.00
	1.5m Wide Sidewalk	LM	390.0	\$ 150.00	\$ 58,500.00
	3.0m Wide Sidewalk	LM	125.0	\$ 300.00	\$ 37,500.00
	Traffic Islands	m ²	631.0	\$ 100.00	\$ 63,100.00
	Sidewalk Infill	m ²	295.0	\$ 100.00	\$ 29,500.00
	Retaining Wall (~16m long x 2m tall)	m ²	32.0	\$ 600.00	\$ 19,200.00
31	Earthworks				
	Clearing and Grubbing	LS	1.0	\$ 5,000.00	\$ 5,000.00
	Remove & Dispose of Ex. Curbs, sidewalk, etc.	LS	1.0	\$ 15,000.00	\$ 15,000.00
	Dust Control	LS	1.0	\$ 5,000.00	\$ 5,000.00
	Topsoil Stripping & Stockpiling	LS	1.0	\$ 15,000.00	\$ 15,000.00

	Topsoil Placement on Designated Areas	LS	1.0	\$ 15,000.00	\$ 15,000.00
	Ditching	LM	70.0	\$ 45.00	\$ 3,150.00
	Earthworks Allowance	LS	1.0	\$ 75,000.00	\$ 75,000.00
32	Roads and Site Improvements				
	Road Structure (100mm AP, 150mm Base, 400mm Subbase)	m ²	3,545	\$ 125.00	\$ 443,125.00
	Painted Pavement Markings	LS	1.0	\$ 15,000.00	\$ 15,000.00
	Hydraulic Seeding	LS	1.0	\$ 5,000.00	\$ 5,000.00
33	Utilities				
	Relocate Existing Hydrant	LS	1.0	\$ 12,000.00	\$ 12,000.00
	Storm Works Allowance - manholes , catchbasins, pipe, etc.	LS	1.0	\$ 150,000.00	\$ 150,000.00
	Adjusting existing Vaults, MHs, CB, Valve Covers, etc	LS	1.0	\$ 15,000.00	\$ 15,000.00
34	Transportation				
	Traffic Signals & Lighting	LS	1.0	\$ 160,000.00	\$ 160,000.00

Sub Total	\$ 1,372,925.00
Engineering 12%	\$ 164,751.00
Contingency 20%	\$ 274,585.00
Total	\$ 1,812,261.00

We trust this information meets your present requirements. If you have any questions or comments, please contact the undersigned.

Sincerely

Ecora Engineering & Resource Group Ltd.

Mike Young, P.Eng.
Senior Civil Engineer
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