

OLD SHILOH ROAD BRIDGE IMPROVEMENTS
PRELIMINARY COST ESTIMATE : REPLACEMENT - TWO LANE

Item & Description	Unit	Estimated Quantity	Unit Price	Total Cost
PART A: GENERAL WORK				
A1 Mobilization & Demobilization	LS	1	\$ 60,000	\$ 60,000
A2 Contract Bonds & Insurance	LS	1	\$ 50,000	\$ 50,000
A3 Traffic Control and Signage	LS	1	\$ 25,000	\$ 25,000
A4 Environmental Protection	LS	1	\$ 50,000	\$ 50,000
A6 Access to Work	LS	1	\$ 75,000	\$ 75,000
A7 Excavation	LS	1	\$ 75,000	\$ 75,000
Sub-Total Part A				\$ 335,000
PART B: BRIDGE WORKS				
B1 Remove Existing Bridge	LS	1	\$ 150,000	\$ 150,000
B2 Dewatering/Unwatering of Structural Excavation	LS	1	\$ 35,000	\$ 35,000
B3 Structural Backfill	tonne	2,110	\$ 35	\$ 73,850
B4 Piles	LS	1	\$ 175,000	\$ 175,000
B5 Concrete Pile Cap	m3	90	\$ 3,000	\$ 270,000
B6 Concrete Abutments	m3	115	\$ 3,000	\$ 345,000
B7 Concrete Wingwalls	m3	430	\$ 3,000	\$ 1,290,000
B8 Concrete Deck	m3	70	\$ 3,000	\$ 210,000
B9 Concrete Approach Slabs & Sleeper Slab	m3	40	\$ 3,000	\$ 120,000
B10 Concrete End Walls	m3	6	\$ 3,000	\$ 18,000
B11 Box Girders	LS	1	\$ 350,000	\$ 350,000
B12 Wingwall Ties	Ea.	12	\$ 25,000	\$ 300,000
B13 Bearings	each	4	\$ 5,000	\$ 20,000
B14 Bridge Deck Waterproofing	m2	325	\$ 75	\$ 24,375
B15 Bridge Barrier	m	60	\$ 1,500	\$ 90,000
B16 R10 River Stone 300mm Depth c/w Filter Fabric	m2	400	\$ 205	\$ 82,000
B17 Asphalt Removal	m2	420	\$ 25	\$ 10,500
B18 Paving	tonne	175	\$ 200	\$ 35,000
B19 Restoration - Topsoil, Seed, and Mulch	LS	1	\$ 35,000	\$ 35,000
B20 Expansion Joint - Type C (Sleeper Slab)	m	20	\$ 5,000	\$ 100,000
Sub-Total Part B				\$ 3,733,725
Sub-Total Items A & B				\$ 4,068,725
Contingency 20%				\$ 814,000
GRAND TOTAL				\$ 4,882,725