

CYCLE 16 PHASE 1 CONSTRUCTION Class 'A' Cost Estimate (+/- 10%) 8/16/2021						
ITEM NO.	MMCD REF.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
SECTION 1.0 – GENERAL						
1.1	SS 1.1	Mobilization / Demobilization	LS	1	\$ 50,000.00	\$ 50,000.00
1.2	SS 1.2	Traffic Control	LS	1	\$ 30,000.00	\$ 30,000.00
1.3	SS 1.3	Quality Management & Survey	LS	1	\$ 55,000.00	\$ 55,000.00
SECTION 1 TOTAL					\$	135,000.00
SECTION 2.0 – TRAIL CONSTRUCTION						
2.1	33 11 01 - SS1.4.1, 1.4.2	Clearing & Grubbing	LS	1	\$ 10,000.00	\$ 10,000.00
2.2	31 22 01 - SS1.4.1	Stripping	LS	1	\$ 49,198.13	\$ 49,198.13
2.3	31 22 01 - SS1.4.2	Site Grading (Cut & Fill on Site)	LS	1	\$ 120,000.00	\$ 120,000.00
2.4	31 22 01 - SS1.4.4	Site Grading (Cut & Remove and dispose of off site)	m3	1000	\$ 22.50	\$ 22,500.00
2.5	32 11 23 - 1.4.2, SS1.4.5	Granular Well Graded Base (Trail and Shoulder) - 300mm - Haul & Place	m2	14965	\$ 10.33	\$ 154,524.60
2.6	32 11 23 - 1.4.2, SS1.4.6	Granular Well Graded Base (Driveways) - 150mm - Haul & Place	m2	228	\$ 25.00	\$ 5,695.00
2.7	32 11 23 - 1.4.2, SS1.4.6	Granular Well Graded Base (Parking on Laidlaw Frontage Road) - 300mm - Haul & Place	m2	205	\$ 25.00	\$ 5,125.00
2.8	SS 2.1	Concrete Roadside Barrier (CBN)	EA	2	\$ 200.00	\$ 400.00
2.9	SS 2.1	Concrete Roadside Barrier (CTB-E)	EA	2	\$ 385.00	\$ 770.00
2.10	SS 2.1	Concrete Roadside Barrier (CRB-E)	EA	18	\$ 385.00	\$ 6,930.00
2.11	SS 2.1	Concrete Roadside Barrier (CRB-H)	EA	19	\$ 385.00	\$ 7,315.00
2.12	SS 2.2	Concrete Curb Island at Laidlaw Road Intersection (incl. removal of existng island)	LS	1	\$ 12,500.00	\$ 12,500.00
SECTION 2 TOTAL					\$	394,957.73
SECTION 3.0 – CULVERTS						
3.1	33 42 13 - 1.5.1, 1.5.2	5.0m, 400mm Dia. CSP Culvert Extension c/w coupler (at 0+155)		1	\$ 1,250.00	\$ 1,250.00
3.2	33 42 13 - 1.5.1, 1.5.2	4.0m, 600mm Dia. CSP Culvert Extension c/w coupler (at 0+265)		1	\$ 1,500.00	\$ 1,500.00
3.3	33 42 13 - 1.5.1, 1.5.2	10.0m, 400mm Dia. CSP Culvert (at 0+400)		1	\$ 2,500.00	\$ 2,500.00
3.4	33 42 13 - 1.5.1, 1.5.2	8.0m, 300mm Dia. CSP Culvert (at 0+950)		1	\$ 1,600.00	\$ 1,600.00
3.5	33 42 13 - 1.5.1, 1.5.2	3.0m, 300mm Dia. CSP Culvert (at 0+970, 1+030 & 1+095)		3	\$ 600.00	\$ 1,800.00
3.6	33 42 13 - 1.5.1, 1.5.2	7.5m, 400mm Dia. CSP Culvert (at 1+675)		1	\$ 1,875.00	\$ 1,875.00
3.7	33 42 13 - 1.5.1, 1.5.2	9.0m, 400mm Dia. CSP Culvert (at 1+725)		1	\$ 2,250.00	\$ 2,250.00
3.8	33 42 13 - 1.5.1, 1.5.2	10.0m, 400mm Dia. CSP Culvert (at 1+773)		1	\$ 2,500.00	\$ 2,500.00
3.9	33 42 13 - 1.5.1, 1.5.2	30.0m, 500mm Dia. CSP Culvert (at 3+200)		1	\$ 10,500.00	\$ 10,500.00
3.10	33 42 13 - 1.5.1, 1.5.2	4.5m, 800mm Dia. CSP Culvert Extension c/w coupler (at 3+250)		1	\$ 1,800.00	\$ 1,800.00
3.11	33 42 13 - 1.5.1, 1.5.2	9.5m, 450mm Dia. CSP Culvert (at 3+255)		1	\$ 2,850.00	\$ 2,850.00
3.12	SS 3.1	10.973m Multi-Plate CSP Culvert - Cattle Underpass Extension		1	\$ 90,000.00	\$ 90,000.00
SECTION 3 TOTAL					\$	120,425.00
SECTION 4.0 – SIGNS, LINE PAINTING, FENCING & OTHER						
4.1	SS 4.1	Remove and Relocate Existing Stop Sign	EA	2	\$ 400.00	\$ 800.00
4.2	SS 4.2	Traffic and Trail Signs, c/w sign base, pole & mounting hardware	EA	20	\$ 550.00	\$ 11,000.00
4.3	SS 4.3	Flexible Bollards (R8323 - Reliance Foundry, c/w removable mounting reciever)	EA	30	\$ 650.00	\$ 19,500.00
4.4	SS 4.4	Type-C 1.8m High Fencing - Page Wire Type - (Regular Post Bury Depth - 850mm)	lm	145	\$ 100.00	\$ 14,500.00
4.5	SS 4.5	Type-C 1.8m High Fencing - Page Wire Type - (Deepened Post Bury Depth - 1050mm)	lm	30	\$ 120.00	\$ 3,600.00
4.6	SS 4.5	Turf Reinforcement Matting (AEC Recyclex TRM)	m2	1000	\$ 30.00	\$ 30,000.00
4.7	SS 4.6	1.5m Tall Guard Railing	lm	220	\$ 275.00	\$ 60,500.00
4.8	32 17 23 - 1.5.2	Line Painting (incl. road crossings, centerline, stop bars & reduce speed hill)	LS	1	\$ 4,000.00	\$ 4,000.00
4.9	32 92 19 - 1.8.1	Hydroseeding	m2	4000	\$ 3.50	\$ 14,000.00
SECTION 4 TOTAL					\$	157,900.00
SECTION 5.0 – Optional Items						
5.1	32 11 23 - SS1.4.7	Granular Well Graded Base - Supply	tonne	500	\$ 20.00	\$ 10,000.00
5.1	32 12 16 - 1.5.7	Asphalt Saw Cutting	lm	90	\$ 25.00	\$ 2,250.00
5.2	32 12 16 - 1.5.1	Asphalt Pavement (50mm thick)	tonne	1360	\$ 312.00	\$ 424,320.00
5.3	SS 5.1	Shouldering (0.5m)	m2	3800	\$ 6.00	\$ 22,800.00
5.4	SS 5.2	Type-C 1.3m High Fencing - Paige Wire Type - (Regular Post Bury Depth - 850mm)	lm	300	\$ 75.00	\$ 22,500.00
5.5	SS 5.3	Trail Counter - Supply and Install	EA	1	\$ 8,000.00	\$ 8,000.00
5.6	SS 5.4	Pro-Ecolite Headwall - 300mm dia.	EA	8	\$ 1,750.00	\$ 14,000.00
5.7	SS 5.4	Pro-Ecolite Headwall - 400mm dia.	EA	9	\$ 2,000.00	\$ 18,000.00
5.8	SS 5.4	Pro-Ecolite Headwall - 450mm dia.	EA	2	\$ 2,500.00	\$ 5,000.00
5.9	SS 5.4	Pro-Ecolite Headwall - 500mm dia.	EA	2	\$ 3,000.00	\$ 6,000.00
5.10	SS 5.4	Pro-Ecolite Headwall - 600mm dia.	EA	1	\$ 3,500.00	\$ 3,500.00
5.11	SS 5.4	Pro-Ecolite Headwall - 800mm dia.	EA	1	\$ 4,500.00	\$ 4,500.00
SECTION 5 TOTAL					\$	540,870.00
SUBTOTAL (1)						\$1,349,152.73
Contingency (10%)						\$134,915.27
SUBTOTAL (2)						\$1,484,068.00
Engineering Services (7.5%)						\$111,305.10
TOTAL						\$1,595,373.10