

**RECONSTRUCTION**  
Creditview Road  
**CONTRACT No.**

**SECTION 'A' - ROADWORKS & APPURTENANCES**

ITEM	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	AMOUNT
A1	<b>SUPPLY AND ERECT A FIELD OFFICE FOR THE CORPORATION</b>	100%	L.S.	\$ 100,000.00	\$ 100,000.00
	(a) MOBILIZATION AND DEMOBILIZATION	100%	L.S.	\$ 100,000.00	\$ 100,000.00
	(b) FIELD SURVEY, LAYOUT AND CONTROL	100%	L.S.	\$ 100,000.00	\$ 100,000.00
A2	<b>CLEARING AND GRUBBING</b>	100%	L.S.	\$ 10,000.00	\$ 10,000.00
A3	<b>TRAFFIC PROTECTION AND MAINTENANCE OF TRAFFIC (AS REQUIRED) TO INCLUDE ALL ITEMS SPECIFIED IN SP2 AND TRAFFIC STAGING</b>	100%	L.S.	\$ 250,000.00	\$ 250,000.00
A4	<b>REMOVAL ITEMS</b>				
	(A) SIGNS	23.00	ea.	\$ 100.00	\$ 2,300.00
	(B) CONCRETE CURB & GUTTER (ALL TYPES)	5600.00	m	\$ 10.00	\$ 56,000.00
	(C) STEEL BEAM GUIDE RAIL	88.00	m	\$ 50.00	\$ 4,400.00
	(D) CONCRETE SIDEWALKS / MEDIANS	4700.00	m <sup>2</sup>	\$ 15.00	\$ 70,500.00
	(E.1) PRECAST CATCHBASINS & DITCH INLETS	75.00	ea.	\$ 600.00	\$ 45,000.00
	(E.2) PRECAST MANHOLES	10.00	ea.	\$ 800.00	\$ 8,000.00
	(I) ASPHALT PAVEMENT	27115.00	m <sup>2</sup>	\$ 10.00	\$ 271,150.00
	(J) STORM SEWER	0.00	m	\$ 65.00	\$ -
	(K) TREES	126.00	ea.	\$ 250.00	\$ 31,500.00
	(O) ABANDONED UTILITIES	100%	L.S.	\$ 15,000.00	\$ 15,000.00
A5	<b>REMOVE AND REINSTATE</b>				
A6	<b>SUPPLY AND INSTALL PROJECT SIGNS</b>	6.00	ea.	\$ 500.00	\$ 3,000.00
A7	<b>EARTH EXCAVATION AND GRADING</b>				
	(A) EXCAVATION AND ALL REQUIRED FILLING TO EXCAVATION FOR SOFT SPOTS AFTER GRANULAR PLACEMENT HAS OCCURRED	29350.00	m <sup>3</sup>	\$ 20.00	\$ 587,000.00
	(C) EXCAVATION AND DISPOSAL OF CONTAMINATED MATERIAL	0.00	m <sup>3</sup>	\$ 500.00	\$ -
	(D) EARTH BORROW	31124	m3	\$ 2.00	\$ 62,248.00

**SECTION 'A' - ROADWORKS & APPURTENANCES (CONT'D)**

	(A) EXISTING MANHOLES & VALVE CHAMBERS					
	(i) ADJUSTMENT UNDER 400mm	20.00	ea.	\$	500.00	\$ 10,000.00
	(ii) ADJUSTMENT OVER 400mm OR REBUILD AS REQUIRED	2.00	ea.	\$	5,000.00	\$ 10,000.00
	(i) ADJUST EXISTING CATCHBASIN	5.00	ea.	\$	300.00	\$ 1,500.00
	(ii) SALVAGE & RELOCATE EXISTING DOUBLE CATCHBASIN	0.00	ea.	\$	1,500.00	\$ -
	(C) WATER & GAS VALVES	10.00	ea.	\$	80.00	\$ 800.00
	(D) HYDRANTS					
	(i) VERTICAL	5.00	ea.	\$	1,000.00	\$ 5,000.00
	(ii) HORIZONTAL		ea.	\$	2,000.00	\$ -
A10	<b>NEW CONSTRUCTION</b> SUPPLY, PLACE & COMPACT					
	(A) GRANULAR 'A' - OPSS 1010 - 19mm CRUSHER-RUN (200mm) FOR ROADWAY & DRIVEWAYS	21360.00	t	\$	25.00	\$ 534,000.00
	(B) GRANULAR 'B' - OPSS 1010 TYPE 1 (400mm) FOR ROADWAY	42720.00	t	\$	22.00	\$ 939,840.00
A11	SUPPLY ALL LABOUR, MATERIALS & EQUIPMENT INCLUDING EXCAVATION TO THE SPECIFIED DEPTH OF GRANULAR MATERIAL FOR THE INSTALLATION OF:					
	(A) CONCRETE SIDEWALK (130mm)	5000.00	m <sup>2</sup>	\$	50.00	\$ 250,000.00
	(B) CONCRETE SIDEWALK (180mm) THROUGH DRIVEWAY WHERE INDICATED (HIGH EARLY STRENGTH CONCRETE)	0.00	m <sup>2</sup>	\$	75.00	\$ -
	(C) CONCRETE SPLASH PAD	3050.00	m <sup>2</sup>	\$	45.00	\$ 137,250.00
	(D) CONCRETE MEDIAN (130mm)	1750.00	m <sup>2</sup>	\$	80.00	\$ 140,000.00
	(E) ASPHALT Multiuse Path (100mmasphalt + 200mm Gran A)(MUP)	9716.00	m <sup>2</sup>	\$	60.00	\$ 582,960.00

**SECTION 'A' - ROADWORKS & APPURTENANCES (CONT'D)**

A12	<b>SUPPLY ALL LABOUR, MATERIALS &amp; EQUIPMENT FOR THE INSTALLATION OF:</b>					
	(A) OPSD 600.04 - CURB & GUTTER	5000.00	m	\$	45.00	\$ 225,000.00
	(G) STEEL BEAM GUIDE RAIL		m	\$	140.00	\$ -
	(H) GUIDE RAIL END TREATMENTS (OPSD 912.531)		ea.	\$	1,500.00	\$ -
	(I) ROADWAY CLOSURE GATE - 12m, (MTOD 960.012)	4.00	ea.	\$	2,500.00	\$ 10,000.00
	(K) 1800mm CHAIN LINK FENCE (OPSD 972.130)	337.00	m	\$	125.00	\$ 42,125.00
	(K) 1200mm CHAIN LINK FENCE (OPSD 972.130)		m	\$	100.00	\$ -
	(L) CHAIN LINK FENCE GATES (OPSD 972.102)	2.00	m	\$	1,000.00	\$ 2,000.00
	(M) TEMPORARY CONCRETE BARRIER (OPSD 920.012)	4000.00	m	\$	100.00	\$ 400,000.00
	(N) RIP RAP (OPSS 511)	25.00	m <sup>2</sup>	\$	35.00	\$ 875.00
	(O) RIP RAP (OPSS 511)	0.00	m <sup>2</sup>	\$	35.00	\$ -
	(P) STEEL BEAM GUIDE RAIL (OPSD 912.140)	600.00	m	\$	200.00	\$ 120,000.00
	(Q) END TREATMENT FOR STEEL BEAM GUIDE RAIL (OPSD 922.180)	4.00	ea.	\$	5,000.00	\$ 20,000.00
A13	<b>SUPPLY ALL LABOUR, MATERIALS &amp; EQUIPMENT REQUIRED TO PLACE HOT-MIX, HOT-LAID ASPHALT</b>					
	(A) Asphalt HL-3 (40mm)	4070.00	t	\$	90.00	\$ 366,300.00
	(B) Asphalt (HDBC)HL-8 (100mm)	10387.00	t	\$	100.00	\$ 1,038,700.00
	(C) SUPERPAVE 19.0 FOR DRIVEWAYS (90mm)		t	\$	90.00	\$ -
	(I) COLD GRIND	250.00	m <sup>2</sup>	\$	5.00	\$ 1,250.00
	(J) TACK COAT	42395.00	m <sup>2</sup>	\$	0.15	\$ 6,359.25
A15	<b>SUPPLY ALL LABOUR, EQUIPMENT AND MATERIAL FOR THE INSTALLATION OF 150mm DIA. SUBDRAINS WRAPPED IN FILTER CLOTH AND PLACED AS SHOWN IN CITY OF MISSISSAUGA STANDARD DRAWING NO. 2220.04</b>	5300.00	m	\$	53.00	\$ 280,900.00

**SECTION 'A' - ROADWORKS & APPURTENANCES (CONT'D)**

A18	<b>SUPPLY AND INSTALL TRAFFIC SIGN SLEEVES</b>	50.00	ea.	\$	50.00	\$	2,500.00
A19	<b>SUPPLY AND INSTALL TRAFFIC SIGNS</b>	50.00	ea.	\$	400.00	\$	20,000.00
A20	PAVEMENT MARKING	1.00	L.S	\$	20,000.00	\$	20,000.00
	<b>SUPPLY LABOUR AND EQUIPMENT TO SPREAD THE FOLLOWING FOR DUST CONTROL:</b>						
	(A) CALCIUM	10.00	t	\$	800.00	\$	8,000.00
	(B) WATER	1000.00	m <sup>3</sup>	\$	10.00	\$	10,000.00
	(A) LANE MARKINGS	5000.00	m	\$	2.00	\$	10,000.00
	(B) CROSSWALKS, STOP BARS AND ARROWS	45.00	ea.	\$	500.00	\$	22,500.00
A26	<b>ENVIRONMENTAL PROTECTION</b>	100%	L.S.		\$10,000.00	\$	10,000.00

**SECTION 'B' - STORM SEWERS & APPURTENANCES (CONT'D)**

<b>(B) CATCHBASINS</b>							
	SIZE	TYPE	FRAME & GRATE				
(i)	SINGLE	705.010	400.080	60.00	ea.	\$	1,440.00
(ii)	TWIN	705.020	400.080	8.00	ea.	\$	2,400.00
						\$	86,400.00
						\$	19,200.00

**SECTION 'B' - STORM SEWERS & APPURTENANCES (CONT'D)**

B3	<b>SUPPLY ALL LABOUR, EQUIPMENT AND MATERIAL REQUIRED FOR THE INSTALLATION OF CONCRETE STORM LATERALS (OPSD 708.01 &amp; 708.02)</b>						
	(A) 250mm DIA. CL. ES.				m	\$	145.00
	(B) 300mm DIA. CL. ES.	10.00			m	\$	160.00
	300mm DIA. CLASS CONCRETE PIPE	200.00			m	\$	200.00
						\$	-
						\$	1,600.00
						\$	40,000.00

<b>Total</b>	<b>\$</b>	<b>7,091,157.25</b>
Contingency 25%	\$	1,772,789.31
<b>G.Total CIVIL</b>		<b>\$8,863,947</b>

**SECTION 'C' - Electrical INTERSECTION**

With 25% Contingency

C	<b>SUPPLY ALL LABOUR, EQUIPMENT AND MATERIAL REQUIRED FOR THE INSTALLATION OF TRAFFIC SIGNAL INSTALLATION INTERSECTION WITH 5 LANE XSECTION 7 4 CENTRAL ISLANDS</b>	1.00	ea.	\$	20,000.00	\$	20,000.00
	CONTROLLER	1.00	ea.	\$	50,000.00	\$	50,000.00
	DUCTS/HANDWELLS/CABLES	1.00	ea.	\$	10,000.00	\$	10,000.00
	FOOTINGS	1.00	ea.	\$	45,000.00	\$	45,000.00
	POLES/ARMS/HEADS	1.00	ea.	\$	10,000.00	\$	10,000.00
	LUMINAIRES/ARMS	1.00	ea.	\$	10,000.00	\$	10,000.00
	POWER SUPPLY	1.00	ea.	\$	5,000.00	\$	5,000.00
	<b>25% Contingency</b>					\$	<b>37,500.00</b>
						\$	<b>187,500.00</b>
				No. of Signals x2		\$	<b>375,000.00</b>

**SECTION 'C1' - Electrical Signals-Removal and Temporary Signals**

With 25% Contingency

C1	<b>Signals-Removal and Temporary Signals</b>	1.00	L.S.	\$	80,000.00	\$	80,000.00
	<b>25% Contingency</b>					\$	<b>20,000.00</b>
						\$	<b>100,000.00</b>
				No. of Signals x 4		\$	<b>400,000.00</b>

**SECTION 'D' - Electrical POLES AND LUMINAIRES**

With 25% Contingency

D1	<b>SUPPLY ALL LABOUR, EQUIPMENT AND MATERIAL ELECRICAL POLES ETC FOR ENTIRE PROJECT</b>	1.00	LS	\$	469,000.00	\$	469,000.00
	1. POLES/ARMS/FIXTURE CP 53X \$4500 PED 55 X \$3500 HP 42X \$2000 AL.POLE 6X \$4000						
	2. DUCTS, CABLES, HW HW 12 X \$1000 DUCTS (OB) 2500 \$75 DUCTS (SURF) 200 \$300 O/H CABLE 2500 X \$ 35 4/6 CABLE 2500 X \$25 DUCTS (PED L) 1225 X \$75	1.00	LS	\$	501,400.00	\$	501,400.00
	3. POWER SUPPLY SL 4X \$5000	1.00	LS	\$	20,000.00	\$	20,000.00
	<b>25% Contingency</b>					\$	<b>247,600.00</b>
						\$	<b>1,238,000.00</b>

**SECTION 'E' - ROUNDABOUTS**

E1	INTERLOCKING CONCRETE PAVER	220.00	m <sup>2</sup>	\$	55.00	\$	12,100.00
	MEMI MOUNTABLE CURB	1.00	LS	\$	3,000.00	\$	3,000.00
	TOE WALL (LOW HIGHT)	60	m	\$	300.00	\$	18,000.00
	RAISED MEADIANS AROUND THE ROUNDABOUTS (AVERAGE)	400.00	m <sup>2</sup>	\$	80.00	\$	32,000.00
	LANDSCAPING	1	LS	\$	5,000.00	\$	5,000.00
						\$	<b>70,100.00</b>
				No. of Roundabouts x3		\$	<b>210,300.00</b>