

**COST ESTIMATE
 ART + WORK
 13846 & 13940 AIRPORT ROAD
 SITE PLAN APPLICATION**

**TOWN OF CALEDON
 REGIONAL MUNICIPALITY OF PEEL**

A. SITE SERVICING - SITE PREPARATION, ROADS, DRAINAGE, STORMWATER MANAGEMENT

	ESTIMATE	COMPLETE	INCOMPLETE
SITE PREPARATION	\$ 44,000.00	\$ -	\$ 44,000.00
ROADS TO BASE ASPHALT	\$ 1,008,080.00	\$ -	\$ 1,008,080.00
ROADS TO TOP ASPHALT	\$ 232,575.00	\$ -	\$ 232,575.00
STORM SEWERS AND STORMWATER MANAGEMENT	\$ 889,200.00	\$ -	\$ 889,200.00
RETAINING WALLS	\$ 400,000.00	\$ -	\$ 400,000.00
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SUB-TOTAL	\$ 2,573,855.00	\$ -	\$ 2,573,855.00
CONTINGENCIES AND ENGINEERING @ 10%	\$ 257,385.50	\$ -	\$ 257,385.50
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TOTAL PART A	\$ 2,831,240.50	\$ -	\$ 2,831,240.50

B. SITE SERVICING - SANITARY AND WATER

SANITARY SEWERS	\$ 347,375.00	\$ -	\$ 347,375.00
WATER SUPPLY	\$ 3,820,000.00	\$ -	\$ 3,820,000.00
WATERMAIN	\$ 489,500.00	\$ -	\$ 489,500.00
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SUB-TOTAL	\$ 4,656,875.00	\$ -	\$ 4,656,875.00
CONTINGENCIES AND ENGINEERING @ 10%	\$ 465,687.50	\$ -	\$ 465,687.50
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TOTAL PART B	\$ 5,122,562.50	\$ -	\$ 5,122,562.50
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TOTAL SITE SERVICING	\$ 7,953,803.00	\$ -	\$ 7,953,803.00

PART A COST ESTIMATE CALCULATIONS

	QUANTITY	UNIT	UNIT PRICE	TOTAL	COMPLETE	INCOMPLETE
SITE PREPARATION						
Sediment Control Fence	1,700	m	\$ 20.00	\$ 34,000.00	\$ -	\$ 34,000.00
Double Sediment Control Fence	0	m	\$ -	\$ -	\$ -	\$ -
Crushed Stone Sediment Berm	5	ea.	\$ 1,000.00	\$ 5,000.00	\$ -	\$ 5,000.00
Siltsoxx Ditch Check	0	m	\$ -	\$ -	\$ -	\$ -
Mud Control Mat	1	ea.	\$ 5,000.00	\$ 5,000.00	\$ -	\$ 5,000.00
TOTAL SITE PREPARATION				\$ 44,000.00	\$ -	\$ 44,000.00
ROADS TO BASE ASPHALT						
Fine Grade and Proof Roll	1	l.s.	\$ 15,000.00	\$ 15,000.00	\$ -	\$ 15,000.00
Granular B - 300 mm	14,000	tonne	\$ 20.00	\$ 280,000.00	\$ -	\$ 280,000.00
Granular A - 150 mm	6,250	tonne	\$ 25.00	\$ 156,250.00	\$ -	\$ 156,250.00
Sub Drains	850	m	\$ 45.00	\$ 38,250.00	\$ -	\$ 38,250.00
Barrier Curb	1,850	m	\$ 120.00	\$ 222,000.00	\$ -	\$ 222,000.00
Curb Outlets	0	ea.	\$ -	\$ -	\$ -	\$ -
Base Asphalt HL8 - 65mm	3,100	tonne	\$ 95.00	\$ 294,500.00	\$ -	\$ 294,500.00
Catchbasin Sediment Controls	32	ea.	\$ 65.00	\$ 2,080.00	\$ -	\$ 2,080.00
TOTAL ROADS TO BASE ASPHALT				\$ 1,008,080.00	\$ -	\$ 1,008,080.00
ROADS TO TOP ASPHALT						
Elevate & Adjust MH	45	ea.	\$ 450.00	\$ 20,250.00	\$ -	\$ 20,250.00
Elevate & Adjust CB frame and grate	32	ea.	\$ 450.00	\$ 14,400.00	\$ -	\$ 14,400.00
Flush and Clean CB's	32	ea.	\$ 250.00	\$ 8,000.00	\$ -	\$ 8,000.00
Tack Coat	18,850	sq.m	\$ 0.50	\$ 9,425.00	\$ -	\$ 9,425.00
Top Asphalt HL3 40mm	1,900	tonne	\$ 95.00	\$ 180,500.00	\$ -	\$ 180,500.00
TOTAL ROADS TO TOP ASPHALT				\$ 232,575.00	\$ -	\$ 232,575.00
STORM SEWERS						
<u>SEWERS</u>	<u>SIZE</u>	<u>TYPE</u>	<u>LENGTH</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
	375	CONC	780.0	m	\$ 250.00	\$ 195,000.00
	450	CONC	210.0	m	\$ 350.00	\$ 73,500.00
	525	CONC	0.0	m	\$ 307.37	\$ -
	600	CONC	0.0	m	\$ 329.95	\$ -
	600	HDPE	0.0	m	\$ 328.22	\$ -
<u>CULVERTS</u>	<u>SIZE</u>	<u>TYPE</u>	<u>LENGTH</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
-	450	HDPE	0.0	m	\$ 300.00	\$ -
-	600	HDPE	0.0	m	\$ 330.00	\$ -
-	450	HDPE	0.0	m	\$ 285.00	\$ -
<u>MANHOLES</u>	<u>SIZE</u>	<u>TYPE</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
	1200	Standard	31	ea.	\$ 4,500.00	\$ 139,500.00
	1200	DIMH	0	ea.	\$ -	\$ -
<u>CATCHBASINS</u>			<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
Single			21	ea.	\$ 3,200.00	\$ 67,200.00
Double			11	ea.	\$ 4,500.00	\$ 49,500.00
Ditch Inlet			0	ea.	\$ -	\$ -
<u>HEADWALLS</u>			<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
Precast Conc. Headwall including grating			7	ea.	\$ 12,500.00	\$ 87,500.00
<u>VIDEO TAPE</u>			<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
Flush & Video			1	ea.	\$ 4,500.00	\$ 4,500.00
TOTAL STORM SEWERS					\$ 616,700.00	\$ -
STORMWATER MANAGEMENT						
Bioretention Area Grading	5	ea.	\$ 5,000.00	\$ 25,000.00	\$ -	\$ 25,000.00
Bioretention Area Outlet Structure	5	ea.	\$ 15,000.00	\$ 75,000.00	\$ -	\$ 75,000.00
Rip Rap Lining	500.00	sq.m	\$ 45.00	\$ 22,500.00	\$ -	\$ 22,500.00
Oil/Grit Separator	5	ea.	\$ 30,000.00	\$ 150,000.00	\$ -	\$ 150,000.00
TOTAL STORMWATER MANAGEMENT					\$ 272,500.00	\$ -
STREET LIGHTING						
Supply & Install Street Light c/w Luminaire, Pole, Accessories	0	ea.	\$ 4,000.00	\$ -	\$ -	\$ -
TOTAL STREETLIGHTS					\$ -	\$ -
RETAINING WALLS						
Retaining Walls	1,600	tonne	\$ 250.00	\$ 400,000.00	\$ -	\$ 400,000.00
-	0	-	\$ -	\$ -	\$ -	\$ -
TOTAL RETAINING WALLS					\$ 400,000.00	\$ -

PART B COST ESTIMATE CALCULATIONS

SANITARY SEWERS

<u>SEWERS</u>	<u>SIZE</u>	<u>TYPE</u>	<u>LENGTH</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>			
	250	PVC	875.0	m	\$ 325.00	\$ 284,375.00	\$	-	\$ 284,375.00
	300	PVC	0.0	m	\$ 350.00	\$ -	\$	-	\$ -
<u>MANHOLES</u>	<u>SIZE</u>	<u>TYPE</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>			
	1200	Standard	14	ea.	\$ 4,500.00	\$ 63,000.00	\$	-	\$ 63,000.00
	1500	Standard	0	ea.	\$ -	\$ -	\$	-	\$ -

TOTAL SANITARY SEWERS

\$ 347,375.00 \$ - \$ 347,375.00

WATERMAIN (INTERNAL)

50mm - Copper	0	m	\$ 150.00	\$ -	\$ -	\$ -	\$ -	\$ -
150mm - PVC	875	m	\$ 300.00	\$ 262,500.00	\$ -	\$ -	\$ -	\$ 262,500.00
200mm - PVC	0	m	\$ 325.00	\$ -	\$ -	\$ -	\$ -	\$ -
300 mm - PVC	90	m	\$ 350.00	\$ 31,500.00	\$ -	\$ -	\$ -	\$ 31,500.00
200mm - Plug	0	ea.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrant and Valve - off 150mm	11	ea.	\$ 6,500.00	\$ 71,500.00	\$ -	\$ -	\$ -	\$ 71,500.00
Hydrant and Valve - off 200mm	0	ea.	\$ 7,000.00	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrant and Valve - off 300mm	1	ea.	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ -	\$ 7,500.00
150mm Gate Valve	23	ea.	\$ 4,500.00	\$ 103,500.00	\$ -	\$ -	\$ -	\$ 103,500.00
200mm Gate Valve	0	ea.	\$ 5,500.00	\$ -	\$ -	\$ -	\$ -	\$ -
300mm Gate Valve	2	ea.	\$ 6,500.00	\$ 13,000.00	\$ -	\$ -	\$ -	\$ 13,000.00

WATERMAIN (EXTERNAL)

Connect to Ex. - 300mm	0	ea.	\$ 4,500.00	\$ -	\$ -	\$ -	\$ -	\$ -
300mm - PVC	0	m	\$ 145.00	\$ -	\$ -	\$ -	\$ -	\$ -
Hydrant and Valve - off 300mm	0	ea.	\$ 3,250.00	\$ -	\$ -	\$ -	\$ -	\$ -
300mm Gate Valve	0	ea.	\$ 2,100.00	\$ -	\$ -	\$ -	\$ -	\$ -
300mm - Plug	0	ea.	\$ 1,200.00	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL WATERMAINS & APPURTENANCES

\$ 489,500.00 \$ - \$ 489,500.00

WATER SERVICE CONNECTIONS

25mm Water Service Complete - Short	0	ea.	\$ 550.00	\$ -	\$ -	\$ -	\$ -	\$ -
25mm Water Service Complete - Long	0	ea.	\$ 650.00	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL WATER SERVICE CONNECTIONS

\$ - \$ - \$ -

WATER SUPPLY

Potable Water Wells	8	ea.	\$ 40,000.00	\$ 320,000.00	\$ -	\$ -	\$ -	\$ 320,000.00
Water Tower and Supply Wells	1	ea.	\$ 3,500,000.00	\$ 3,500,000.00	\$ -	\$ -	\$ -	\$ 3,500,000.00

TOTAL WATER SUPPLY

\$ 3,820,000.00 \$ - \$ 3,820,000.00