

**PRELIMINARY OPINION OF CONSTRUCTION COST
COST SHARING APPLICATION
KINGSWAY EMPLOYMENT DISTRICT
STREET 'C' & KINGSWAY**

Summary		
Part A	STREET 'C' - ROAD	<u>\$5,512,150.00</u>
Part B	STREET 'C' - STORM	<u>\$2,014,568.75</u>
Part E	STREET 'C' - SWM POND	<u>\$1,432,309.38</u>
Part F	KINGSWAY - ROAD	<u>\$575,687.50</u>
Part G	KINGSWAY - STORM	<u>\$611,465.59</u>
	Subtotal	<u>\$10,146,181.22</u>
	13% HST	<u>\$1,319,003.56</u>
	Total=	<u>\$11,465,184.78</u>

**PRELIMINARY OPINION OF CONSTRUCTION COST
COST SHARING APPLICATION
KINGSWAT ENTERTAINMENT DISTRICT INC.
STREET 'C' - ROAD**

PART A						
ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
3	206	Excavation (Grading)				
		a) Mass Rock Excavation	m ³	1,300	\$120.00	\$156,000.00
		b) Earth	m ³	5,500	\$42.00	\$231,000.00
		c) Clearing & Grubbing	sq.m.	18,610	\$14.00	\$260,540.00
		d) Trench Rock Excavation	m ³	1,500	\$500.00	\$750,000.00
		e) Ditching (Swales)	m	865	\$70.00	\$60,550.00
4	310	Hot Mixed, Hot Laid Asphalt				
		a) HL3 Surface Asphalt (40mm)	tonne	880	\$230.00	\$202,400.00
		b) HL8 Binder Asphalt (150mm)	tonne	3,290	\$225.00	\$740,250.00
		d) Asphalt Blvd/Walkway (50mm)	sq.m.	1040	\$56.00	\$58,240.00
		e) Tack Coat	sq.m.	16,450	\$3.20	\$52,640.00
5	314	Granular Materials				
		a) Granular 'A' (150mm)	tonne	5,665	\$31.00	\$175,615.00
		b) Granular 'B' Type II (300mm)	tonne	16,430	\$29.50	\$484,685.00
		c) Road Rock Backfill (300mm Minus)	m ³	6,000	\$32.00	\$192,000.00
		d) Trench Rock Backfill (150mm Minus)	m ³	3,000	\$36.00	\$108,000.00
6	351	Concrete Curb and Gutter				
		Concrete Curb & Gutter (OPSD 600.010)	m	1,125	\$200.00	\$225,000.00
		Concrete Curb & Gutter (OPSD 600.030)	m	197	\$200.00	\$39,400.00
7	351	Concrete Sidewalk				
		a) Concrete Sidewalk (OPSD 310.010)	sq.m.	1,560	\$200.00	\$312,000.00
		b) Tactile Markers (OPSD 310.039)	each	14	\$500.00	\$7,000.00
8	405	Subdrains				
		a) 150mm Rigid Pipe Subdrain with Geotextile	m	1,080	\$60.00	\$64,800.00
11	802	Topsoil & Sod	sq.m.	5,075	\$28.00	\$142,100.00
12	805	Silt Mitigation	L.S.	100%	\$20,000.00	\$20,000.00
13		Street Lighting	each	18	\$6,500.00	\$117,000.00
14		Line Painting	m	3000	\$3.50	\$10,500.00
Subtotal (Not Incl HST)						\$4,409,720.00
Contingency (10%)						\$440,972.00
Engineering (15%)						\$661,458.00
TOTAL						\$5,512,150.00
*SP = Special Provisions *L.S. = Lump Sum *OPSS = Ontario Provincial Standard Specifications *OPSD = Ontario Provincial Standard Drawings						

**PRELIMINARY OPINION OF CONSTRUCTION COST
COST SHARING APPLICATION
KINGSWAT ENTERTAINMENT DISTRICT INC.
STREET 'C' - STORM**

PART B						
ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
14	407	Precast Concrete Storm Structures				
		a) MH - 1200mm Dia (OPSD 701.010) with frame and cover (OPSD 400.010)	v.m	2.3	\$4,200.00	\$9,660.00
		b) MH - 1500mm Dia (OPSD 701.011) with frame and cover (OPSD 400.010)	v.m	26.2	\$6,000.00	\$157,200.00
		c) MH - 2400mm Dia (OPSD 701.013) with frame and cover (OPSD 400.010)	v.m	3.6	\$10,000.00	\$36,000.00
		b) Cast-In-Place DMHCB - 1200mm Dia (OPSD 701.010) with frame and cover (OPSD 400.020)	v.m	18.4	\$16,750.00	\$308,200.00
		e) Double Catchbasin (OPSD 705.020) with frame and cover (OPSD 400.020)	v.m	18.3	\$8,200.00	\$150,060.00
		f) Headwall	each	2	\$20,000.00	\$40,000.00
15	410	Storm Sewer				
		a) 300 mm diameter Type: _____	m	223	\$925.00	\$206,275.00
		b) 375 mm diameter Type: _____	m	30	\$1,000.00	\$30,000.00
		c) 525 mm diameter Type: _____	m	13	\$1,250.00	\$16,250.00
		d) 600mm diameter Type: _____	m	18	\$1,300.00	\$23,010.00
		e) 675 mm diameter Type: _____	m	378	\$1,500.00	\$567,000.00
19	517 518	Dewatering	L.S.		\$50,000.00	\$50,000.00
16	511	Slope Protection				
		Rip-Rap (OPSD 801.010 & 801.020) (Includes Geotextile)	sq.m.	150	\$120.00	\$18,000.00
Subtotal (Not Incl HST)						\$1,611,655.00
Contingency (10%)						\$161,165.50
Engineering (15%)						\$241,748.25
TOTAL						\$2,014,568.75
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**PRELIMINARY OPINION OF CONSTRUCTION COST
COST SHARING APPLICATION
KINGSWAT ENTERTAINMENT DISTRICT INC.
STREET 'C' - SWM POND**

PART B						
ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
14	407	Precast Concrete Storm Structures				
		a) MH - 1200mm Dia (OPSD 701.010) with frame and cover (OPSD 400.010)	v.m	2.0	\$4,200.00	\$8,400.00
		b) Concrete Headwall (OPSD 804.030)	each	2	\$20,000.00	\$40,000.00
15	410	Storm Sewer				
		a) 300mm diameter Type: _____	m	12	\$750.00	\$8,775.00
		b) 450 mm diameter Type: _____	m	30	\$800.00	\$24,000.00
		c) 600mm diameter Type: _____	m	37	\$900.00	\$33,300.00
		d) 900mm diameter Type: _____	m	11	\$1,200.00	\$13,320.00
		d) 1050mm diameter Type: _____	m	36	\$1,500.00	\$54,000.00
		e) 1200mm diameter Type: _____	m	12	\$2,000.00	\$24,000.00
		i) 2200x1300mm Box Culvert	m	3.6	\$5,500.00	\$19,800.00
3	206	Excavation (Grading)				
		e) Ditching	m	120	\$70.00	\$8,400.00
		b) Earth	m ³	13,000	\$18.50	\$240,500.00
		c) Clearing & Grubbing	sq.m.	17,500	\$14.00	\$245,000.00
5	314	Granular Materials (Pathway & Pond Spillway)				
		a) Granular 'A' (150mm)	tonne	965	\$31.50	\$30,397.50
		b) Granular 'B' Type II (300mm)	tonne	1,875	\$31.20	\$58,500.00
		c) Rock Backfill (150mm Minus)	m ³	2,250	\$36.00	\$81,000.00
16	511	Slope Protection				
		Rip-Rap (OPSD 801.010 & 801.020) (Includes Geotextile)	sq.m.	750	\$120.00	\$90,000.00
		Access Gate (GSSD 972.120)	each	1	\$7,500.00	\$7,500.00
11	802	Topsoil & Sod	sq.m.	9,450	\$35.00	\$330,750.00
12	805	Silt Mitigation	L.S.	100%	\$10,000.00	\$10,000.00
17		Contingency 10% of Subtotal	L.S.		\$55,562.50	\$0.00
Subtotal (Not Incl HST)						\$1,145,847.50
Contingency (10%)						\$114,584.75
Engineering (15%)						\$171,877.13
TOTAL						\$1,432,309.38
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**PRELIMINARY OPINION OF CONSTRUCTION COST
KINGSWAY ENTERTAINMENT DISTRICT INC.
KINGSWAY - ROAD**

PART A						
ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	510	Removals				
		a) Asphalt Pavement - Grindings	sq.m	895	\$5.50	\$4,922.50
		b) Concrete Curb	m	120	\$11.55	\$1,386.00
		c) Cutting Existing Pavement	m	145	\$6.50	\$942.50
		d) Remove/Reinstate Existing Municipal Signs	each	2	\$620.00	\$1,240.00
		e) Concrete Pavers	sq.m	25	\$85.00	\$2,125.00
1	206	Excavation (Grading)				
		a) Earth Excavation	m ³	915	\$18.50	\$16,927.50
2	310	Hot Mixed, Hot Laid Asphalt				
		a) HL3 Surface Asphalt (40mm)	tonne	385	\$186.00	\$71,610.00
		b) HL8 Binder Asphalt (190mm)	tonne	500	\$183.00	\$91,500.00
		d) Asphalt Blvd/Walkway (50mm)	sq.m.	400	\$42.00	\$16,800.00
		e) Tack Coat	sq.m.	1,870	\$3.20	\$5,984.00
3	314	Granular Materials				
		a) Granular 'A' (150mm)	tonne	405	\$31.50	\$12,757.50
		b) Granuar 'B' Type II (600mm)	tonne	1,415	\$31.20	\$44,148.00
		c) Road Rock Backfill (300mm Minus)	m ³	2,450	\$32.00	\$78,400.00
4	351	Concrete Curb and Gutter				
		a) Concrete Curb & Gutter (OPSD 600.010)	m	135	\$200.00	\$27,000.00
		b) Concrete Barrier Curb (OPSD 600.110)	m	270	\$200.00	\$54,000.00
6	405	Subdrains				
		a) 150mm Rigid Pipe Subdrain with Geotextile	m	130	\$63.90	\$8,307.00
8		Line Painting	m	5,000	\$3.50	\$17,500.00
9	805	Silt Mitigation	L.S.	100%	\$5,000.00	\$5,000.00
Subtotal (Not Incl HST)						\$460,550.00
Contingency (10%)						\$46,055.00
Engineering (15%)						\$69,082.50
TOTAL						\$575,687.50
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**PRELIMINARY OPINION OF CONSTRUCTION COST
KINGSWAY ENTERTAINMENT DISTRICT INC.
KINGSWAY - STORM**

PART B

ITEM	OPSS	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
	510	Removals				
		a) Storm Structures	each	4	\$750.00	\$3,000.00
		b) Sewers (all sizes)	m	200	\$60.00	\$12,000.00
9	407	Precast Concrete Storm Structures				
		a) Double Manhole Catchbasin	v.m	11.0	\$10,000.00	\$110,000.00
		b) Double Catchbasin (OPSD 705.020) with frame and cover (OPSD 400.020)	v.m	7.5	\$5,221.81	\$39,163.58
10	410	Storm Sewer				
		a) 300 mm diameter Type:_____	m	212	\$750.45	\$159,095.40
		b) 375 mm diameter Type:_____	m	106	\$793.00	\$84,058.00
		c) 450 mm diameter Type:_____	m	7	\$836.50	\$5,855.50
		d) 2200 mm x 1300 mm Concrete Box Culvert	m	4	\$6,500.00	\$26,000.00
11	517 518	Dewatering	L.S.		\$50,000.00	\$50,000.00
Subtotal (Not Incl HST)						\$489,172.48
Contingency (10%)						\$48,917.25
Engineering (15%)						\$73,375.87
TOTAL						\$611,465.59
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