

## PRELIMINARY CONSTRUCTION ESTIMATE

**Date:** December 2018

**Project No.:** 115085

**ROAD** Mississauga Road

**From:** Queen Street West

**To:** Financial Drive

**Description:** Widening/Reconstruction

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total
<b>Design/Contract Administration</b>	Design	Lump Sum	-	7%		\$1,667,755
	Contract Administration	Lump Sum	-	8%		\$1,906,006
<b>Utility Relocation</b>	Relocate Hydro, Gas, Bell*	Lump Sum	\$2,000,000	1		\$2,000,000
<b>Construction</b>	Excavation/Earthworks	m3	\$12	27000		\$324,000
	Install storm sewer	m	\$600	910		\$546,000
	Infiltration Trench	m2	\$500	620		\$310,000
	150mm Granular 'A'	tonne	\$20	20000		\$400,000
	450mm Granular 'B'	tonne	\$18	50000		\$900,000
	Asphalt Base (50+50+50mm)	tonne	\$90	16665		\$1,499,850
	Asphalt Top (40mm)	tonne	\$110	4500		\$495,000
	Remove curb and gutter	m	\$10	3890		\$38,900
	Install curb and gutter					
	a) Standard Curb & Gutter	m	\$60	4810		\$288,600
	Concrete median	m2	\$65	1225		\$79,625
	Concrete bus lane & pad	m2	\$150	1090		\$163,500
	Install subdrains	m	\$25	4810		\$120,250
	Install catch-basin	each	\$3,000	46		\$138,000
	Install manhole	each	\$5,000	8		\$40,000
	Install catch-basin manhole	each	\$5,000	13		\$65,000
	Install Oil/Grit Separator	each	\$50,000	3		\$150,000
	Storm Sewer outlet	each	\$5,000	2		\$10,000
	<b>Sub Total</b>					\$5,568,725
	Minor Roadwork and Drainage Items (clearing and grubbing, ditching, topsoil stripping, minor earth borrow, breaking into existing pipes and manholes, pavement markings, signage, proof rolling, tack coat, silt fence, tree protection, ect.)			10%		\$556,873
	Reconstruction Costs (incl. sawcutting, MH/CB/WV/VCH adjustments, culvert removal, CB removal, traffic control, ect.)			3.75%		\$208,827

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<b>Streetlights</b>	Both sides @ 50m spacing	each	\$5,400	60		<b>\$324,000</b>
<b>Traffic Signals</b>	Permanent 4 - way	each	\$275,000	3		<b>\$825,000</b>
	Temporary 4 - way	each	\$75,000	3		<b>\$225,000</b>
<b>Culverts Bridges</b>	Extend Culvert C9 (1400mm x 900mm)	Each	\$100,000	1		<b>\$100,000</b>
	Replace Credit River Structure	Lump Sum	\$14,500,000	1		<b>\$14,500,000</b>
	Construct Retaining Wall from 10+380 to 10+470	Lump Sum	\$250,000	1		<b>\$250,000</b>
	Construct Retaining Wall from 10+990 to 11+060	Lump Sum	\$250,000	1		<b>\$250,000</b>
	Construct Retaining Wall from 11+050 to 11+080	Lump Sum	\$75,000	1		<b>\$75,000</b>
<b>Landscaping/ Sidewalks</b>	Sidewalk	m2	\$65	533		<b>\$34,645</b>
	MUP	m2	\$100	8030		<b>\$803,000</b>
	Trees and shrubs	m2	\$20	5200		<b>\$104,000</b>
<b>Contingency</b>	Overall Contingency	Lump Sum	-	20%		<b>\$4,765,014</b>

\* Utility Relocation is based on preliminary information. Actual costs are subject to a relocation plan, which is deferred to detailed design

\*\* Property requirements (including permission to enter) are not included in this estimate and will be confirmed during the detailed design phase

**TOTAL**

**\$34,163,844**