

Destination Reeves Street Concept Plan Estimate of Probable Cost

February 2017



The following document, Destination Reeves Street Concept Plan - Estimate of Probable Cost, is an excerpt from the document, Port Hawkesbury: Complete Street Project Plan - DESTINATION REEVES STREET PROPOSAL – February 2017, and was prepared by Ekistics Planning and Design.

**Town of Port Hawkesbury
606 Reeves Street, Unit 1
Port Hawkesbury, NS
B9A 2R7
www.townofporthawkesbury.ca/reeves**

Gateway Phase - NSCC Campus to MacMaster Road - 2 Lane Cross Section

Section Length = 600m

NSCC Driveway Area	units	quantity	unit cost	cost
Road and Trail Work				
3m Asphalt Trail (new off road sections)	lin.m.	120	\$ 75.00	\$ 9,000.00
3m Asphalt Trail (on road)	lin.m.	575	\$ 45.00	\$ 25,875.00
Trail and Road Painting (include paint removal)	lin.m.	600	\$ 7.00	\$ 4,200.00
Remove Asphalt/Gravels	sq.m.	3000	\$ 5.00	\$ 15,000.00
New Curb (north side)	lin.m.	600	\$ 100.00	\$ 60,000.00
New 3m Grass Strip	sq.m.	1800	\$ 10.00	\$ 18,000.00
Remove gravel (1.5m) shoulder and install grass	sq.m.	1050	\$ 10.00	\$ 10,500.00
Catchbasins (outlet to ditch)	each	6	\$ 4,000.00	\$ 24,000.00
Lighting Upgrades Along Trail	each	3	\$ 5,000.00	\$ 15,000.00
Signage	ea	8	\$ 400.00	\$ 3,200.00
Trees	ea	15	\$ 500.00	\$ 7,500.00
Intersection Upgrades at NSCC (left turns and transitions)	l.s.	1	\$ 20,000.00	\$ 20,000.00
Guiderail Modifications	l.s.	1	\$ 4,000.00	\$ 4,000.00
<i>Subtotal</i>				\$ 216,275.00
<i>Contingency (15%)</i>				\$ 32,441.25
<i>Design (15%)</i>				\$ 32,441.25
<i>HST (15%)</i>				\$ 32,441.25

TOTAL				\$ 313,598.75
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Granville Street Realignment & Waterfront Parks	units	quantity	unit cost	cost
Roadworks				
Realign Granville Street	lin.m.	220	\$ 750.00	\$ 165,000.00
Asphalt Removal	sq.m	2000	\$ 5.00	\$ 10,000.00
Remove Bridge and Turn Into Look-Off	ea	1	\$ 45,000.00	\$ 45,000.00
New Granville Street Intersection	lump	1	\$ 30,000.00	\$ 30,000.00
Miscellaneous Landscaping and Cleanup	lump	1	\$ 20,000.00	\$ 20,000.00
Retaining Walls	sq.m	200	\$ 400.00	\$ 80,000.00
New Intersection Line Painting	lump	1	\$ 7,000.00	\$ 7,000.00
<i>Subtotal</i>				\$ 357,000.00
Miscellaneous				
Gateway Sign	ea	1	\$ 30,000.00	\$ 30,000.00
Waterfront Park	sq.m	4000	\$ 40.00	\$ 160,000.00
Bandstand and boardwalk	ea	1	\$ 80,000.00	\$ 80,000.00
Interpretive Look-off	ea	1	\$ 20,000.00	\$ 20,000.00
Adventure Playground	ea	1	\$ 60,000.00	\$ 60,000.00
Parking Area asphalt for trailhead	parking space	18	\$ 3,500.00	\$ 63,000.00
Coastal Botanic Gardens	ea	1	\$ 60,000.00	\$ 60,000.00
<i>Subtotal</i>				\$ 473,000.00
<i>Subtotal</i>				\$ 830,000.00
<i>Contingency (20%)</i>				\$ 166,000.00
<i>Design (15%)</i>				\$ 124,500.00
<i>HST (15%)</i>				\$ 124,500.00

TOTAL				\$ 1,245,000.00
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Reeves Street Gateway (from Granville to Macswen)		units	quantity	unit cost	cost
Roadwork					
New Curb	lin.m.		1400	\$ 100.00	\$ 140,000.00
Asphalt/Curb Removal	sq.m		1200	\$ 8.00	\$ 9,600.00
3m Asphalt Trail (new off road sections)	lin.m.		400	\$ 75.00	\$ 30,000.00
3m Asphalt Trail (on road)	lin.m.		450	\$ 45.00	\$ 20,250.00
New 3m Grass Strip	sq.m.		1800	\$ 10.00	\$ 18,000.00
New Catchbasins (outlet to ditch)	each		5	\$ 5,000.00	\$ 25,000.00
<i>Subtotal</i>					\$ 242,850.00
Miscellaneous					
Lighting Upgrades Along Trail	each		5	\$ 5,000.00	\$ 25,000.00
Street Trees	ea		40	\$ 500.00	\$ 20,000.00
Misc. Landscaping	lump		1	\$ 20,000.00	\$ 20,000.00
Banners on Pole	ea		18	\$ 450.00	\$ 8,100.00
Reeves bike lane Lane painting (both sides of road)	lin.m.		210	\$ 25.00	\$ 5,250.00
					\$ -
<i>Subtotal</i>					\$ 78,350.00
<i>Contingency (15%)</i>					\$ 11,752.50
<i>Design (15%)</i>					\$ 11,752.50
<i>HST (15%)</i>					\$ 11,752.50
TOTAL					\$ 113,607.50

Phase 2 - (Middle and east end)

Reeves (Mcsween-Pitt) & Pitt Street Extension	units	quantity	unit cost	cost
Pitt Street Extension				
Extend Pitt Street from Reeves to MacSween	lin.m.	240	\$ 1,400.00	\$ 336,000.00
Pitt St Sidewalk	lin.m.	190	\$ 190.00	\$ 36,100.00
Removals (asphalt & regrading)	sq.m.	2400	\$ 10.00	\$ 24,000.00
Pitt Street Lighting	ea	8	\$ 8,000.00	\$ 64,000.00
<i>Subtotal</i>				\$ 460,100.00
Reeves Street (210 m)				
Reeves Street Multiuse Trail	lin.m.	210	\$ 75.00	\$ 15,750.00
New Concrete Sidewalk (south side)	lin.m.	140	\$ 100.00	\$ 14,000.00
Reeves Street Trees	ea	24	\$ 500.00	\$ 12,000.00
Misc Roadway Line Painting	lump	1	\$ 10,000.00	\$ 10,000.00
Driveway/Access Management Improvements	lump	1	\$ 10,000.00	\$ 10,000.00
Reeves Signage	ea	8	\$ 500.00	\$ 4,000.00
New Landscaped Islands (Reeves St)	lin.m.	80	\$ 560.00	\$ 44,800.00
<i>Subtotal</i>				\$ 110,550.00
<i>Subtotal</i>				\$ 570,650.00
<i>Contingency (15%)</i>				\$ 85,597.50
<i>Design (15%)</i>				\$ 85,597.50
<i>HST (15%)</i>				\$ 85,597.50
TOTAL				\$ 827,442.50

Reeves (Pitt-Reynolds)	units	quantity	unit cost	cost
Roadworks				
3m Multiuse Asphalt Trail	lin.m.	30	\$ 75.00	\$ 2,250.00
New Concrete Sidewalk (approx. 70% optional)	sq.m.	350	\$ 100.00	\$ 35,000.00
Street Furnishings	ea	8	\$ 2,500.00	\$ 20,000.00
Street Lighting	ea	8	\$ 8,000.00	\$ 64,000.00
Reeves Street Trees	ea	30	\$ 500.00	\$ 15,000.00
Bike Lane Transition	lump	1	\$ 3,000.00	\$ 3,000.00
Misc. Access Management Improvements	lump	1	\$ 10,000.00	\$ 10,000.00
Reeves Lane Painting	lin.m.	380	\$ 30.00	\$ 11,400.00
<i>Subtotal</i>				\$ 160,650.00
Miscellaneous				
Reeves Signage	ea	8	\$ 500.00	\$ 4,000.00
Crosswalk Upgrades	ea	2	\$ 12,000.00	\$ 24,000.00
Directional Signs	ea	4	\$ 6,000.00	\$ 24,000.00
Bike Lane Paint	lin.m.	380	\$ 25.00	\$ 9,500.00
Right Turn Lanes (to north) with curb	lin.m.	100	\$ 350.00	\$ 35,000.00
Pitt /Reynolds plazas on 4 corners	ea	4	\$ 6,000.00	\$ 24,000.00
New landscaped Islands (Reeves St)	lin.m.	100	\$ 560.00	\$ 56,000.00
<i>Subtotal</i>				\$ 176,500.00
<i>Subtotal</i>				\$ 337,150.00
<i>Contingency (20%)</i>				\$ 67,430.00
<i>Design (15%)</i>				\$ 50,572.50
<i>HST (15%)</i>				\$ 50,572.50
TOTAL				\$ 505,725.00

Reeves (Reynolds-Port Malcolm Rd)	units	quantity	unit cost	cost
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Sidewalk widening (north Side)	sq.m.	630	\$	190.00	\$	119,700.00
New 2m wide Sidewalk to replace gravel sidewalk	sq.m.	130	\$	350.00	\$	45,500.00
Street Furnishings	ea	8	\$	2,500.00	\$	20,000.00
Street Lighting	ea	16	\$	8,000.00	\$	128,000.00
Street Trees	ea	40	\$	500.00	\$	20,000.00
Reeves Lane Painting	lin.m.	630	\$	30.00	\$	18,900.00
Reeves Signage	ea	8	\$	500.00	\$	4,000.00
Directional Signs	ea	4	\$	6,000.00	\$	24,000.00
Crosswalk Upgrades	ea	2	\$	12,000.00	\$	24,000.00
Bike Lane Paint	lin.m.	630	\$	25.00	\$	15,750.00
Right Turn Lanes (to north) with curb	lin.m.	100	\$	350.00	\$	35,000.00
New Landscaped Islands (Reeves St)	lin.m.	150	\$	560.00	\$	84,000.00
Reeves Gateway Sign on Port Malcolm road	ea	1	\$	30,000.00	\$	30,000.00
Sydney Road Parkette	ea	1	\$	50,000.00	\$	50,000.00

<i>Subtotal</i>					\$	618,850.00
<i>Contingency (20%)</i>					\$	123,770.00
<i>Design (15%)</i>					\$	92,827.50
<i>HST (15%)</i>					\$	92,827.50

TOTAL					\$	928,275.00
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Façade Program Investment					\$	200,000.00
Signage Program (non Reeves Street)					\$	100,000.00

SubTotal for 6 Projects (including façade amd signage programs)					\$	2,951,275.00
Contingency Allowance					\$	486,991.25
Design Allowance					\$	397,691.25
Tax (15%)					\$	442,691.25
TOTAL					\$	4,278,648.75