



PRELIMINARY CONSTRUCTION ESTIMATE

ROAD Intersection of Derry Road and Argentia Road
From: **To:**

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total	
Design/Contract Administration	Design			6.00%		\$111,184	
	Contract Administration			8.00%		\$148,245	
	Contingency (20%)						
	Sub Total					\$259,428	
Property Acquisition	Strip property purchase	ha	\$750,000.00	0.1155		\$86,625	
	Whole purchase (specify)	lump sum					
Utility Relocation	General	km	\$100,000.00	0.5		\$50,000	
	Other (specify)						
	Contingency (20%)					\$10,000	
	Sub Total					\$60,000	
Construction	Excavation/Earthworks	m3	\$12.00	5868		\$70,416	
	Install storm sewer	m per diam		0		\$0	
	Density=2.4 t/m3 Granular 'A' (150mm)	tonne	\$20.00	2138		\$42,760	
	Density=2.0 t/m3 Granular 'B' (500mm)	tonne	\$18.00	4564		\$82,152	
	Density=2.45 t/m3 Asphalt Base (100mm)	tonne	\$80.00	1630		\$130,400	
	Density=2.55 t/m3 Asphalt Top (50mm)	tonne	\$100.00	1000		\$100,000	
	Remove curb and gutter	m	\$10.00	1665		\$16,650	
	Install curb and gutter	m	\$60.00	1810		\$108,600	
	Install subdrains	m	\$20.00	1170		\$23,400	
	Install catch-basin leads	m	\$275.00	50		\$13,750	
	Remove catch-basin	each	\$496.92	18		\$8,945	
	Install catch-basin	each	\$2,500.00	18		\$45,000	
	Adjust catch-basin	each		0		\$0	
	Remove manhole	each		0		\$0	
	Install manhole	each		0		\$0	
	Adjust manhole	each	\$711.92	16		\$11,391	
	Asphalt removal	m2		0		\$0	
	Asphalt planing	m2	\$10.00	19600		\$196,000	
	Asphalt in place recycle	m2		0		\$0	
	Asphalt pulverising	m2		0		\$0	
	Relocate fire hydrants	each	\$4,500.00	3		\$13,500	
	Remove Sidewalk	m2	\$12.20	1625		\$19,825	
	Contingency (20%)						\$176,558
		Sub Total					\$1,059,346
		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.)			10.00%		\$105,935



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ROAD Intersection of Derry Road and Argentia Road
From: **To:**

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total
Intersections	Additional turning lane (specify extra lanes and Municipal split)			0		
	Contingency (20%)					
	Sub Total					
Streetlights	Both sides	each	\$5,400.00	16		\$86,400
	Centre median	each				
	Median	each				
	Contingency (20%)					\$17,280
	Sub Total					\$103,680
Traffic Signals	Permanent 4 - way	each	\$275,000.00	1		\$275,000
	Permanent 3 - way	each				
	Temporary 4 - way	each	\$75,000.00	1		\$75,000
	Contingency (20%)					\$70,000
	Sub Total					\$420,000
Culverts	Rehabilitation of existing			0		
	Widening of existing			0		
	Removal of existing			0		
	New structure			0		
	Contingency (20%)					
	Sub Total					
Bridges	Rehabilitation of existing			0		
	Widening of existing			0		
	Removal of existing			0		
	New structure			0		
	Contingency (20%)					
	Sub Total					



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ROAD Intersection of Derry Road and Argentia Road
From: **To:**

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total
Retaining Wall	Installation	m	\$1,000.00	78		\$78,000
	Removal of existing			0		
	Contingency (20%)					
	Sub Total					
Landscaping/ Sidewalks	Sidewalk	m2	\$50.00	2185		\$109,250
	Trees and shrubs	each	\$550.00	50		\$27,500
	Other (specify)			0		
	Contingency (20%)					\$27,350
	Sub Total					\$164,100

INTERSECTION TOTAL

\$2,066,554



PRELIMINARY CONSTRUCTION ESTIMATE

ROAD Intersection of Derry Road and Argentia Road
From: **To:**

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total	
Sheraton Second Access							
Design/Contract Administration	Design			6.00%		\$2,834.67	
	Contract Administration			8.00%		\$3,779.56	
	Contingency (20%)						
	Sub Total					\$6,614	
Property Acquisition	Strip property purchase	ha	\$0.00	0		\$0	
	Whole purchase (specify)	lump sum					
Utility Relocation	General	km	\$0.00	0		\$0	
	Other (specify)						
	Contingency (20%)					\$0	
	Sub Total					\$0	
Construction	Excavation/Earthworks	m3	\$12.00	120		\$1,440	
	Install storm sewer	m per diam		0		\$0	
	Density=2.4 t/m3 Granular 'A' (150mm)	tonne	\$20.00	108		\$2,160	
	Density=2.0 t/m3 Granular 'B' (200mm)	tonne	\$18.00	120		\$2,160	
	Density=2.45 t/m3 Asphalt Base (100mm)	tonne	\$80.00	0		\$0	
	Density=2.55 t/m3 Asphalt Top (100mm)	tonne	\$100.00	85		\$8,500	
	Remove curb and gutter	m	\$10.00	70		\$700	
	Install curb and gutter	m	\$60.00	110		\$6,600	
	Install subdrains	m	\$20.00	110		\$2,200	
	Install catch-basin leads	m	\$275.00	0		\$0	
	Remove catch-basin	each	\$496.92	0		\$0	
	Install catch-basin	each	\$2,500.00	0		\$0	
	Adjust catch-basin	each		0		\$0	
	Remove manhole	each		0		\$0	
	Install manhole	each		0		\$0	
	Adjust manhole	each	\$711.92	1		\$712	
	Asphalt removal	m2		0		\$0	
	Asphalt planing	m2	\$10.00	50		\$500	
	Asphalt in place recycle	m2		0		\$0	
	Asphalt pulverising	m2		0		\$0	
	Relocate fire hydrants	each	\$4,500.00	1		\$4,500	
	Remove Sidewalk	m2	\$12.20	15		\$183	
	Contingency (20%)						\$5,931
		Sub Total					\$35,586



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From: **To:**

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total
	Minor roadwork and drainage Items (clearing and grubbing, ditching, topsoil stripping, minor earth borrow, pavement markings, signage, proof rolling, tack coat, silt fence, tree protection, ect.)			10.00%		\$3,559
Intersections	Additional turning lane (specify extra lanes and Municipal split)			0		
	Contingency (20%)					
	Sub Total					
Streetlights	Both sides	each	\$5,400.00	0		\$0
	Centre median	each				
	Median	each				
	Contingency (20%)					\$0
	Sub Total					\$0
Traffic Signals	Permanent 4 - way	each	\$275,000.00	0		\$0
	Permanent 3 - way	each				
	Temporary 4 - way	each	\$75,000.00	0		\$0
	Contingency (20%)					\$0
	Sub Total					\$0
Culverts	Rehabilitation of existing			0		
	Widening of existing			0		
	Removal of existing			0		
	New structure			0		
	Contingency (20%)					
	Sub Total					
Bridges	Rehabilitation of existing			0		
	Widening of existing			0		
	Removal of existing			0		
	New structure			0		
	Contingency (20%)					
	Sub Total					



PRELIMINARY CONSTRUCTION ESTIMATE

ROAD Intersection of Derry Road and Argentia Road
From: **To:**

Component/ Category	Item Description	Units	Unit Price	Quantity	Sub Total	Total
Noise Walls	Installation			0		
	Removal of existing			0		
	Contingency (20%)					
	Sub Total					
Landscaping/ Sidewalks	Sidewalk	m2	\$50.00	15		\$750
	Trees and shrubs	each	\$1,000.00	6		\$6,000
	Other (specify)			0		
	Contingency (20%)					\$1,350
	Sub Total					\$8,100

SHERATON SECOND ACCESS TOTAL	\$53,859
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Intersection					\$2,066,554
Sheraton Second Access					\$53,859
Total					\$2,120,413