APPENDIX H

Costing Framework

	Item	Description / Segment / Locations	Unit of Measure	Quantity (m)	Length (m)	Width (m)	Unit Price	Total Cost
Category	- Item	NL - Whitewood Ave & John St (on north and south crossings of the intersection) <i>Continous Sidewalk</i>	m2	Causinity (III)	31	1.7	\$ 90.00	
	Consents Cidenally Construction	NL - Whitewood Ave & Mary St (on north crossings of the intersection) Continous Sidewalk	m2		21	4	\$ 90.00	· · · · · · · · · · · · · · · · · · ·
	Concrete Sidewalk Construction	NL - Whitewood Ave & Mary St (on south crossings of the intersection) Continous Sidewalk	m2		21	1.7	\$ 90.00	
		NL - Whitewood Ave & Wellington St (on north and south crossings of the intersection) Continous Sidewalk	m2		34	4	\$ 90.00	\$ 12,182.40
	Subtotal (Sidewalk Construction,							\$ 27,847.89
		NL - Dymond Ave & Niven St N - For North, South, and East Crosswalks	m2	3	9.5	3	\$ 30.00	
		NL - Dymond Ave & John St - East, South, and West Crosswalks	m2	3	9.5	3	\$ 30.00	•
		NL - Dymond Ave & Mary St - East, South, and West Crosswalks	m2	3	9.5	3	\$ 30.00	
		NL - Jaffray St & Whitewood Ave - North Crosswalk	m2	1	10.0	3	\$ 30.00	
		NL - Rokeby St & Whitewood Ave - South Crosswalk	m2	1	14.0	3	\$ 30.00	
		NL - Scott St & Whitewood Ave - North Crosswalk NL - Edith St & Whitewood Ave - East and West Crosswalks	m2	2	10.0 15.0	3	\$ 30.00 \$ 30.00	-
		NL - Edith St & Whitewood Ave - Past and West Crosswalks NL - Edith St & Whitewood Ave - North and South Crosswalks	m2 m2	2	12.0	3	\$ 30.00	
		NL - Maple St & Whitewood Ave - South Crosswalk	m2	1	9.0	3	\$ 30.00	
		NL - Niven St & Whitewood Ave - North Crosswalk	m2	1	10.0	3	\$ 30.00	•
		NL - John St & Whitewood Ave - North and South Crosswalks	m2	2	9.0	3	\$ 30.00	
		NL - John St & Whitewood Ave - East Crosswalk	m2	1	13.0	3	\$ 30.00	
		NL - Mary St & Whitewood Ave - North and South Croswalks	m2	2	9.5	3	\$ 30.00	\$ 1,710.00
		NL - Paget St & Whitewood Ave - North Crosswalk	m2	1	14.0	3	\$ 30.00	\$ 1,260.00
		NL - Paget St & Whitewood Ave - South, East, and West Crosswalks	m2	3	16.0	3	\$ 30.00	\$ 4,320.00
		NL - Wellington St & Whitewood Ave - North and South Crosswalks	m2	2	10.0	3	\$ 30.00	-
	Crosswalks	NL - Armstrong St & Whitewood Ave - North, South, East, and West Crosswalks	m2	4	15.0	3	\$ 30.00	
		NL - May St & Whitewood Avenue - North and South Croswalks	m2	2	10.0	3	\$ 30.00	
		NL - Armstrong St & Sharpe St - East and West Crosswalks	m2	2	11.0	3	\$ 30.00	
		NL - Armstrong St & Elm Ave/Beavis Terrace - East and West Crosswalks	m2	2	11.0	3	\$ 30.00	
		NL - Armstrong St & Elm Ave/Beavis Terrace - North and South Crosswalks	m2	2	16.0	3	\$ 30.00	
		NL - Armstrong St & Pine Ave - East and West Crosswalks NL - Armstrong St & Haliburton Ave - East and West Crosswalks	m2 m2	2	7.5 9.0	2	\$ 30.00 \$ 30.00	
		NL - Lakeshore Rd & Farah Ave - East and West Crosswalks	m2 m2	2	10.0	3	\$ 30.00	
		H - Amwell St & Rorke Ave - East and West Crosswalks	m2	2	9.0	3	\$ 30.00	
Active		H - Main St & Rorke Ave - North, South, East and West Crosswalks	m2	4	13.0	3	\$ 30.00	· · · · · · · · · · · · · · · · · · ·
Active		H - Main St & Georgina Ave - North and South Crosswalks	m2	2	9.0	3	\$ 30.00	
Transportation		H - Main St & Ferguson Ave - North, South, East and West Crosswalks	m2	4	13.0	3	\$ 30.00	
		H - Main St & Meridian Ave - South Crosswalk	m2	1	9.5	3	\$ 30.00	
		H - Main St & Leslie MacFarlane Way - South Crosswalk	m2	1	9.5	3	\$ 30.00	\$ 855.00
		H - Main St & Farr Dr - West Crosswalk	m2	1	14.0	3	\$ 30.00	\$ 1,260.00
		H - Main St & Farr Dr - North and South Crosswalks	m2	2	12.0	3	\$ 30.00	
		H - Ferguson Ave & Broadway St - East and West Crosswalks	m2	2	12.0	3	\$ 30.00	
	Subtotal (Crosswalks,			-			1	\$ 67,905.00
		NL - Armstrong St (from Heard St to Cedar Ave) / 2 Lanes (1 per direction)	m	2	1182		\$ 500.00	\$ 1,181,610.00
	Painted Bike Lanes	NL - Whitewood Ave (from Railway to May St) / 2 Lanes (1 per direction) NL - Lakeshore Rd N (from Whitewood Ave to Broadwood Ave / 2 Lanes (1 per direction)	m	2	1192		\$ 500.00 \$ 500.00	
		NL - Dymond Ave (from Niven St N to Paget St N) / 1 Lane (bi-directional)	m	1	488 357		\$ 500.00	\$ 487,850.00 \$ 178,740.00
		NL - Wellington St (from Whitewood Ave to Fleming Dr) / 2 Lanes (1 per direction)	m m	2	402		\$ 500.00	
		NL - Cedar Ave (from Wellington St to May St) / 2 Lanes (1 per direction)	m	2	210		\$ 500.00	\$ 209,980.00
		NL - Sharpe St (from Armstrong St N to May St N) / 2 Lanes (1 per direction)	m	2	131		\$ 500.00	\$ 131,200.00
		NL - May St (from Sharpe St to Cedar Ave) / 2 Lanes (1 per direction)	m	2	318		\$ 500.00	
			m				\$ 500.00	
		H - Main St (from Railway to Farr Dr) / 2 Lanes (1 per direction)	m	2	731		\$ 500.00	
	Subtotal (Painted Bike Lanes,							\$ 4,833,020.00
		NL - Hailburton Ave W & Armstrong St	i —————			1	\$ 1,300,000.00	\$ 1,300,000.00
•			ea	1				
		NL - Beavis Terrace & Armstrong St	ea	1			\$ 1,300,000.00	\$ 1,300,000.00
		NL - Whitewood Ave & Edith St	ea ea	1 1			\$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00
	Protected Intersection	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N	ea ea ea	1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00
	Protected Intersection	NL - Whitewood Ave & Edith St	ea ea	1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00
	Protected Intersection	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N	ea ea ea ea	1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ -
	Protected Intersection	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue	ea ea ea ea	1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00
		NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave	ea ea ea ea	1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00
	Subtotal (Protected Intersection)	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave	ea ea ea ea	1 1 1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00
		NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave	ea ea ea ea ea	1 1 1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00
	Subtotal (Protected Intersection)	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St	ea ea ea ea ea ea	1 1 1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St	ea ea ea ea ea ea	1 1 1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 1,064,000.00
	Subtotal (Protected Intersection, Pocket Park	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St	ea ea ea ea ea ea ea ea	1 1 1 1 1 1 1 1			\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 15,092,772.89
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue	ea ea ea ea ea ea ea m2		15	3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 1,064,000.00 \$ 3,825.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street	ea e		15	3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 15,092,772.89 \$ 3,825.00 \$ 3,825.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street Armstrong Street at Pine Avenue	ea e		15 15	3 3 3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ - \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 3,825.00 \$ 3,825.00 \$ 7,650.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street Armstrong Street at Pine Avenue Farah Avenue at Paget Street	ea e		15 15 15	3 3 3 3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 3,825.00 \$ 7,650.00 \$ 3,825.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street Armstrong Street at Pine Avenue Farah Avenue at Regina Street Whitewood Avenue at Regina Street	ea e	1 1 1 1 1 1 1 1 1 1 1 2 1 2	15 15 15 15	3 3 3 3 3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 3,825.00 \$ 7,650.00 \$ 7,650.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street Armstrong Street at Pine Avenue Farah Avenue at Paget Street Whitewood Avenue at Regina Street Shepherdson Road at McCamus Avenue	ea e	1 1 1 1 1 1 1 1 2 1 1 2 2 2 2 2 2 2 2 3	15 15 15 15 15	3 3 3 3 3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 3,825.00 \$ 3,825.00 \$ 7,650.00 \$ 7,650.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street Armstrong Street at Pine Avenue Farah Avenue at Paget Street Whitewood Avenue at Regina Street Shepherdson Road at McCamus Avenue Shepherdson Road at G.N.F.H.T Medical Centr	ea e	1 1 1 1 1 1 1 1 1 1 1 2 1 2 2 2	15 15 15 15 15 15	3 3 3 3 3 3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 1,064,000.00 \$ 3,825.00 \$ 3,825.00 \$ 7,650.00 \$ 7,650.00 \$ 7,650.00
	Subtotal (Protected Intersection, Pocket Park Subtotal (Bike Repair Stations,	NL - Whitewood Ave & Edith St NL - Whitewood Ave & Lakeshore Rd N NL - Whitewood Ave & Armstrong St N H - Main St & Rorke Avenue H - Main St & Ferguson Ave NL - South side of Whitewood Ave & Maple St N NL - South side of Whitewood Ave & John St Paget Street South at Cedar Avenue Cedar Avenue at Armstrong Street Armstrong Street at Pine Avenue Farah Avenue at Paget Street Whitewood Avenue at Regina Street Shepherdson Road at McCamus Avenue	ea e	1 1 1 1 1 1 1 1 1 1 2 1 2 2 2 2 2	15 15 15 15 15	3 3 3 3 3 3 3 3	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00 \$ 85.00	\$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ 1,300,000.00 \$ \$ 1,300,000.00 \$ 1,300,000.00 \$ 9,100,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 532,000.00 \$ 7,650.00 \$ 3,825.00 \$ 7,650.00 \$ 7,650.00 \$ 7,650.00 \$ 3,825.00

Category	Item	Description / Segment / Locations	Unit of Measure	Quantity (m)	Length (m)	Width (m)	Unit Pri	ice	Total Cost
Juli Carroll		Lauretter Street at Roland Road (Dymond Subdivision)	m2	1	15	3		85.00	\$ 3,825.00
	Bus Pad	Raymond Street at Drive in Theatre Road	m2	1	15	3		85.00	\$ 3,825.00
		Armstrong Avenue at OPP	m2	1	15	3		85.00	
		Elm Avenue at Rebecca Street	m2	1	15	3	\$!	35.00	
		Haliburton Avenue East at Grant Street	m2	1	15	3	\$!	85.00	\$ 3,825.00
		Carter Boulevard at Rorke Street	m2	2	15	3	-	85.00	
		Joyal Drive at Rorke Avenue	m2	2	15	3		85.00	
		Meridian Avenue at Algonquin Drive	m2	2	15	3		85.00	
		Georgina Avenue at Lawlor Street	m2	2	15	3		85.00	
		Giorgina Avenue at Blackwall Street	m2	1	15	3		85.00	
		Giorgina Avenue at Marcella Street	m2	1	15	3		85.00	· · · · · · · · · · · · · · · · · · ·
-	Cubtatal (Dua Dard)	Rorke Avenue at Broadway Street	m2	1	15	3	\$ 8	85.00	· · · · · · · · · · · · · · · · · · ·
-	Subtotal (Bus Pad)	Whitewood Avenue at Armstrong Street	0.0	2			\$ 30.0	00.00	\$ 110,925.00 \$ 60,000.00
		Whitewood Avenue at Wellington Street	ea ea	1	+			00.00	\$ 30,000.00
		Whitewood Avenue at Edith Street	ea	2	 			00.00	
		Paget Street South at Cedar Avenue	ea	1	 			00.00	\$ 30,000.00
		Cedar Avenue at Armstrong Street	ea	1	 			00.00	\$ 30,000.00
		Armstrong Street at Pine Avenue	ea	2	1			00.00	\$ 60,000.00
		Armstrong Street at Sharpe Street	ea	1				00.00	\$ 30,000.00
		Farah Avenue at Paget Street	ea	1				00.00	\$ 30,000.00
Transit		Whitewood Avenue at Niven Street	ea	2				00.00	\$ 60,000.00
Transit		Whitewood Avenue at Regina Street	ea	2				00.00	
		Shepherdson Road at McCamus Avenue	ea	2				00.00	\$ 60,000.00
		Shepherdson Road at G.N.F.H.T Medical Centr	ea	2			-	00.00	\$ 60,000.00
		Timiskaming Plaza Mall (Food Basics)	ea	2				00.00	\$ 60,000.00
	Bus Shelter	Wilson Avenue at Highway 65	ea	1				00.00	\$ 30,000.00
		Grant Drive opposite Canadian Tire	ea	1				00.00	\$ 30,000.00
		Lauretter Street at Roland Road (Dymond Subdivision)	ea	1				00.00	
		Raymond Street at Drive in Theatre Road	ea	1	_			00.00	
		Armstrong Avenue at OPP	ea	1				00.00	\$ 30,000.00
		Elm Avenue at Rebecca Street	ea	1				00.00	\$ 30,000.00
		Haliburton Avenue East at Grant Street	ea	1 2	 			00.00	\$ 30,000.00
		Carter Boulevard at Rorke Street Joyal Drive at Rorke Avenue	ea		 			00.00	\$ 60,000.00 \$ 60,000.00
		Meridian Avenue at Algonquin Drive	ea	2	 			00.00	\$ 60,000.00
		Georgina Avenue at Lawlor Street	ea ea	2	 		-	00.00	\$ 60,000.00
		Giorgina Avenue at Blackwall Street	ea	1	 			00.00	\$ 30,000.00
		Giorgina Avenue at Marcella Street	ea	1				00.00	\$ 30,000.00
		Rorke Avenue at Broadway Street	ea	1	 			00.00	\$ 30,000.00
	Subtotal (Bus Shelter)			_			+ 55,51		\$ 1,170,000.00
	, ,	College	ea	1			\$ 1,4	00.00	\$ 1,400.00
		Rorke Avenue at Main Street	ea	1			\$ 1,40	00.00	\$ 1,400.00
		Hospital	ea	1			\$ 1,40	00.00	\$ 1,400.00
	Bike Rack	Whitewood Avenue at Armstrong Street	ea	1			\$ 1,40	00.00	\$ 1,400.00
		Whitewood Avenue at Edith Street	ea	1			\$ 1,40	00.00	\$ 1,400.00
		Walmart	ea	1				00.00	
		Temiskaming Plaza Mall (Food Basics)	ea	1			\$ 1,40	00.00	· · · · · · · · · · · · · · · · · · ·
	Subtotal (Bike Rack)						1		\$ 9,800.00
	Wayfinding Signage (New sign + Pole)	Elm Avenue at Rebecca Street			1		-	55.00	\$ 455.00
		Haliburton Avenue East at Grant Street			1		\$ 45	55.00	\$ 455.00
	Subtotal (Wayfinding Signage)								\$ 910.00
	SUBTOTAL (TRANSIT)								¢ 1 201 625 00
	SUBTUTAL (TRANSIT)	H - Main St & Rorke Ave - East Leg	1				\$ 2	50.00	\$ 1,291,635.00 \$ 350.00
	Stop Signs	H - Main St & Ferguson Ave - East Leg	1		 		-	50.00	\$ 350.00
 	Subtotal (Stop Signs)	<u> </u>	1				y 3.	30.00	\$ 700.00
	Subtotul (Stop Signs)	NL - Church St & Armstrong St N	ea	1			\$2	0,000	\$ 20,000.00
	Pedestrians Crossovers (PXO)		ea	† -	 			0,000	\$ -
		H - Broadway St & Ferguson Ave	ea	1			-	0,000	\$ 20,000.00
		, <u> </u>	- 53	_			7-0		\$ 40,000.00
Traffic Controls,	Subtotal (Pedestrians Crossover)							1.40	-7
Hailic Controls.	Subtotal (Pedestrians Crossover)	NL - Armstrong Street North - Double Solid Yellow (from Heard St to Sharp St)	m	2	782.79		\$		
		NL - Armstrong Street North - Double Solid Yellow (from Heard St to Sharp St) NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St)	m m	2 2	782.79 782.79		\$	1.00	٥.٥٥ ت ع
Intersections &				2 2 1			-	1.00 1.40	
Intersections &		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St)	m	2 2 1 1	782.79		\$		\$ 557.16
Intersections & Pavement		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St) NL - Lakeshore Road North - Solid Yellow (from Whitewood Ave to Broadwood Ave)	m m	2 2 1 1 1	782.79 397.97 1187.57 490.43		\$ \$ \$ \$	1.40 1.40 1.40	\$ 557.16 \$ 1,662.60 \$ 686.60
Intersections &		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St)	m m m	2 2 1 1 1 2	782.79 397.97 1187.57		\$ \$ \$ \$	1.40 1.40	\$ 557.16 \$ 1,662.60 \$ 686.60
Intersections & Pavement		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St) NL - Lakeshore Road North - Solid Yellow (from Whitewood Ave to Broadwood Ave) NL - Lakeshore Road North - Two Solid White (from Whitewood Ave to Broadwood Ave)	m m m	1 1 1	782.79 397.97 1187.57 490.43 490.43		\$ \$ \$ \$ \$	1.40 1.40 1.40 1.40	\$ 557.16 \$ 1,662.60 \$ 686.60 \$ 1,373.20
Intersections & Pavement		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St) NL - Lakeshore Road North - Solid Yellow (from Whitewood Ave to Broadwood Ave) NL - Lakeshore Road North - Two Solid White (from Whitewood Ave to Broadwood Ave) H - Ferguson Avenue - Solid Yellow (from Browning St to Main St)	m m m m m	1 1 1	782.79 397.97 1187.57 490.43 490.43		\$ \$ \$ \$ \$	1.40 1.40 1.40 1.40	\$ 557.16 \$ 1,662.60 \$ 686.60 \$ 1,373.20 \$ 239.48
Intersections & Pavement		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St) NL - Lakeshore Road North - Solid Yellow (from Whitewood Ave to Broadwood Ave) NL - Lakeshore Road North - Two Solid White (from Whitewood Ave to Broadwood Ave) H - Ferguson Avenue - Solid Yellow (from Browning St to Main St) H - Main Street - Solid Yellow (from railway to Farr Dr)	m m m m m	1 1 1	782.79 397.97 1187.57 490.43 490.43 171.06 722.3		\$ \$ \$ \$ \$	1.40 1.40 1.40 1.40 1.40	\$ 557.16 \$ 1,662.60 \$ 686.60 \$ 1,373.20 \$ 239.48 \$ 1,011.22
Intersections & Pavement		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St) NL - Lakeshore Road North - Solid Yellow (from Whitewood Ave to Broadwood Ave) NL - Lakeshore Road North - Two Solid White (from Whitewood Ave to Broadwood Ave) H - Ferguson Avenue - Solid Yellow (from Browning St to Main St) H - Main Street - Solid Yellow (from railway to Farr Dr) H - Rorke Avenue - Solid Yellow (from Main St to Marcella St)	m m m m m m m m m m m	1 1 2 1 1 1	782.79 397.97 1187.57 490.43 490.43 171.06 722.3 171.29		\$ \$ \$ \$ \$ \$	1.40 1.40 1.40 1.40 1.40 1.40	\$ 557.16 \$ 1,662.60 \$ 686.60 \$ 1,373.20 \$ 239.48 \$ 1,011.22 \$ 239.81
Intersections & Pavement		NL - Armstrong Street North - Two Broken White (from Heard St to Sharp St) NL - Armstrong Street North - Solid Yellow (from Sharp St to Cedar Ave) NL - Whitewood Avenue - Solid Yellow (from railway to Main St) NL - Lakeshore Road North - Solid Yellow (from Whitewood Ave to Broadwood Ave) NL - Lakeshore Road North - Two Solid White (from Whitewood Ave to Broadwood Ave) H - Ferguson Avenue - Solid Yellow (from Browning St to Main St) H - Main Street - Solid Yellow (from railway to Farr Dr) H - Rorke Avenue - Solid Yellow (from Main St to Marcella St) H - Rorke Avenue - Two Broken White (from Main St to Marcella St)	m m m m m	1 1 1	782.79 397.97 1187.57 490.43 490.43 171.06 722.3		\$ \$ \$ \$ \$ \$	1.40 1.40 1.40 1.40 1.40 1.40 1.40 1.00	\$ 557.16 \$ 1,662.60 \$ 686.60 \$ 1,373.20 \$ 239.48 \$ 1,011.22 \$ 239.81

Category	Item		Description / Segment / Locations	Unit of Measure	Quantity (m)	Length (m)	Width (m)	Unit Price	To	tal Cost
	SUBTOTAL (TRAFFIC)								¢	50,570.04
	SOUTOTAL (MAITIC)								٦	30,370.04
	Curb Bumpout	NL - Whitewood Ave & Armstrong St		ea	1			\$ 20,000.00	\$	20,000.00
Traffic Calming	'	NL - Whitewood Ave & Edith St		ea	1			\$ 20,000.00	\$	20,000.00
		NL - Whitewood Ave & Paget St		ea	1			\$ 20,000.00	\$	20,000.00
Measures	Subtotal (Curb Bumpout)	_							\$	60,000.00
	Mini Roundabout	NL - Spruce Ave & John St		Lump Sum	1			\$ 250,000.00	\$	250,000.00
		NL - Spruce Ave & Paget St N		Lump Sum	1			\$ 250,000.00	\$	250,000.00
	·	NL - Farah Ave & Maple St N		Lump Sum	1			\$ 250,000.00	\$	250,000.00
	Subtotal (Mini Roundabout)								\$	750,000.00
	SUBTOTAL (TRAFFIC CALMING MEASURES)								\$	810,000.00
Parking &	Parking Lane Markings		Public parking lot on New Liskeard	metre		1450	0.10	\$ 1.40	\$	2,030.00
	Subtotal (Parking Lane Markings)								\$	2,030.00
Placemaking	Parking Lot Paving		Public parking lot on New Liskeard	sq.ft.		60	290	\$ 6.00	\$	104,400.00
	Subtotal (Parking Lot Paving)								\$	104,400.00
	SUBTOTAL (PARKING AND PLACE MAKING)								\$	106,430.00
	TOTAL								\$ 17	,351,407.93