



APPENDIX H

Costing Framework

| Category | Item | Description / Segment / Locations | Unit of Measure | Quantity (m) | Length (m) | Width (m) | Unit Price | Total Cost |
|------------------------|---|--|-----------------|--------------|------------|-----------------|------------------|-----------------|
| Active Transportation | Concrete Sidewalk Construction | NL - Whitewood Ave & John St (on north and south crossings of the intersection) <i>Continuous Sidewalk</i> | m2 | | 31 | 1.7 | \$ 90.00 | \$ 4,795.02 |
| | | NL - Whitewood Ave & Mary St (on north crossings of the intersection) <i>Continuous Sidewalk</i> | m2 | | 21 | 4 | \$ 90.00 | \$ 7,628.40 |
| | | NL - Whitewood Ave & Mary St (on south crossings of the intersection) <i>Continuous Sidewalk</i> | m2 | | 21 | 1.7 | \$ 90.00 | \$ 3,242.07 |
| | | NL - Whitewood Ave & Wellington St (on north and south crossings of the intersection) <i>Continuous Sidewalk</i> | m2 | | 34 | 4 | \$ 90.00 | \$ 12,182.40 |
| | | <i>Subtotal (Sidewalk Construction)</i> | | | | | | \$ 27,847.89 |
| | Crosswalks | NL - Dymond Ave & Niven St N - For North, South, and East Crosswalks | m2 | 3 | 9.5 | 3 | \$ 30.00 | \$ 2,565.00 |
| | | NL - Dymond Ave & John St - East, South, and West Crosswalks | m2 | 3 | 9.5 | 3 | \$ 30.00 | \$ 2,565.00 |
| | | NL - Dymond Ave & Mary St - East, South, and West Crosswalks | m2 | 3 | 9.5 | 3 | \$ 30.00 | \$ 2,565.00 |
| | | NL - Jaffray St & Whitewood Ave - North Crosswalk | m2 | 1 | 10.0 | 3 | \$ 30.00 | \$ 900.00 |
| | | NL - Rokeby St & Whitewood Ave - South Crosswalk | m2 | 1 | 14.0 | 3 | \$ 30.00 | \$ 1,260.00 |
| | | NL - Scott St & Whitewood Ave - North Crosswalk | m2 | 1 | 10.0 | 3 | \$ 30.00 | \$ 900.00 |
| | | NL - Edith St & Whitewood Ave - East and West Crosswalks | m2 | 2 | 15.0 | 3 | \$ 30.00 | \$ 2,700.00 |
| | | NL - Edith St & Whitewood Ave - North and South Crosswalks | m2 | 2 | 12.0 | 3 | \$ 30.00 | \$ 2,160.00 |
| | | NL - Maple St & Whitewood Ave - South Crosswalk | m2 | 1 | 9.0 | 3 | \$ 30.00 | \$ 810.00 |
| | | NL - Niven St & Whitewood Ave - North Crosswalk | m2 | 1 | 10.0 | 3 | \$ 30.00 | \$ 900.00 |
| | | NL - John St & Whitewood Ave - North and South Crosswalks | m2 | 2 | 9.0 | 3 | \$ 30.00 | \$ 1,620.00 |
| | | NL - John St & Whitewood Ave - East Crosswalk | m2 | 1 | 13.0 | 3 | \$ 30.00 | \$ 1,170.00 |
| | | NL - Mary St & Whitewood Ave - North and South Crosswalks | 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 | \$ 1,800.00 |
| | | NL - Armstrong St & Whitewood Ave - North, South, East, and West Crosswalks | m2 | 4 | 15.0 | 3 | \$ 30.00 | \$ 5,400.00 |
| | | NL - May St & Whitewood Avenue - North and South Crosswalks | m2 | 2 | 10.0 | 3 | \$ 30.00 | \$ 1,800.00 |
| | | NL - Armstrong St & Sharpe St - East and West Crosswalks | m2 | 2 | 11.0 | 3 | \$ 30.00 | \$ 1,980.00 |
| | | NL - Armstrong St & Elm Ave/Beavis Terrace - East and West Crosswalks | m2 | 2 | 11.0 | 3 | \$ 30.00 | \$ 1,980.00 |
| | | NL - Armstrong St & Elm Ave/Beavis Terrace - North and South Crosswalks | m2 | 2 | 16.0 | 3 | \$ 30.00 | \$ 2,880.00 |
| | | NL - Armstrong St & Pine Ave - East and West Crosswalks | m2 | 2 | 7.5 | 3 | \$ 30.00 | \$ 1,350.00 |
| | | NL - Armstrong St & Haliburton Ave - East and West Crosswalks | m2 | 2 | 9.0 | 3 | \$ 30.00 | \$ 1,620.00 |
| | | NL - Lakeshore Rd & Farah Ave - East and West Crosswalks | m2 | 2 | 10.0 | 3 | \$ 30.00 | \$ 1,800.00 |
| | | H - Amwell St & Rorke Ave - East and West Crosswalks | m2 | 2 | 9.0 | 3 | \$ 30.00 | \$ 1,620.00 |
| | | H - Main St & Rorke Ave - North, South, East and West Crosswalks | m2 | 4 | 13.0 | 3 | \$ 30.00 | \$ 4,680.00 |
| | | H - Main St & Georgina Ave - North and South Crosswalks | m2 | 2 | 9.0 | 3 | \$ 30.00 | \$ 1,620.00 |
| | | H - Main St & Ferguson Ave - North, South, East and West Crosswalks | m2 | 4 | 13.0 | 3 | \$ 30.00 | \$ 4,680.00 |
| | | H - Main St & Meridian Ave - South Crosswalk | m2 | 1 | 9.5 | 3 | \$ 30.00 | \$ 855.00 |
| | | 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 | \$ 2,160.00 |
| | | H - Ferguson Ave & Broadway St - East and West Crosswalks | m2 | 2 | 12.0 | 3 | \$ 30.00 | \$ 2,160.00 |
| | | <i>Subtotal (Crosswalks)</i> | | | | | | \$ 67,905.00 |
| | Painted Bike Lanes | NL - Armstrong St (from Heard St to Cedar Ave) / 2 Lanes (1 per direction) | m | 2 | 1182 | | \$ 500.00 | \$ 1,181,610.00 |
| | | NL - Whitewood Ave (from Railway to May St) / 2 Lanes (1 per direction) | m | 2 | 1192 | | \$ 500.00 | \$ 1,192,470.00 |
| | | NL - Lakeshore Rd N (from Whitewood Ave to Broadwood Ave / 2 Lanes (1 per direction) | m | 2 | 488 | | \$ 500.00 | \$ 487,850.00 |
| | | NL - Dymond Ave (from Niven St N to Paget St N) / 1 Lane (bi-directional) | m | 1 | 357 | | \$ 500.00 | \$ 178,740.00 |
| | | NL - Wellington St (from Whitewood Ave to Fleming Dr) / 2 Lanes (1 per direction) | m | 2 | 402 | | \$ 500.00 | \$ 402,490.00 |
| | | 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 | \$ 317,580.00 |
| | | m | | | | \$ 500.00 | \$ - | |
| | <i>Subtotal (Painted Bike Lanes)</i> | | | | | | \$ 4,833,020.00 | |
| Protected Intersection | NL - Hailburton Ave W & Armstrong St | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | NL - Beavis Terrace & Armstrong St | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | NL - Whitewood Ave & Edith St | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | NL - Whitewood Ave & Lakeshore Rd N | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | NL - Whitewood Ave & Armstrong St N | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | | | | | | | \$ 1,300,000.00 | \$ - |
| | H - Main St & Rorke Avenue | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | H - Main St & Ferguson Ave | ea | 1 | | | \$ 1,300,000.00 | \$ 1,300,000.00 | |
| | <i>Subtotal (Protected Intersection)</i> | | | | | | \$ 9,100,000.00 | |
| Pocket Park | NL - South side of Whitewood Ave & Maple St N | ea | 1 | | | \$ 532,000.00 | \$ 532,000.00 | |
| | NL - South side of Whitewood Ave & John St | ea | 1 | | | \$ 532,000.00 | \$ 532,000.00 | |
| | <i>Subtotal (Bike Repair Stations)</i> | | | | | | \$ 1,064,000.00 | |
| | <i>SUBTOTAL (ACTIVE TRANSPORTATION)</i> | | | | | | \$ 15,092,772.89 | |
| | Paget Street South at Cedar Avenue | m2 | 1 | 15 | 3 | \$ 85.00 | \$ 3,825.00 | |
| | Cedar Avenue at Armstrong Street | m2 | 1 | 15 | 3 | \$ 85.00 | \$ 3,825.00 | |
| | Armstrong Street at Pine Avenue | m2 | 2 | 15 | 3 | \$ 85.00 | \$ 7,650.00 | |
| | Farah Avenue at Paget Street | m2 | 1 | 15 | 3 | \$ 85.00 | \$ 3,825.00 | |
| | Whitewood Avenue at Regina Street | m2 | 2 | 15 | 3 | \$ 85.00 | \$ 7,650.00 | |
| | Shepherdson Road at McCamus Avenue | m2 | 2 | 15 | 3 | \$ 85.00 | \$ 7,650.00 | |
| | Shepherdson Road at G.N.F.H.T Medical Centr | m2 | 2 | 15 | 3 | \$ 85.00 | \$ 7,650.00 | |
| | Wilson Avenue at Highway 65 | m2 | 1 | 15 | 3 | \$ 85.00 | \$ 3,825.00 | |
| | Grant Drive opposite Canadian Tire | m2 | 1 | 15 | 3 | \$ 85.00 | \$ 3,825.00 | |

| Category | Item | Description / Segment / Locations | Unit of Measure | Quantity (m) | Length (m) | Width (m) | Unit Price | Total Cost |
|--------------------------|--|---|-----------------|--------------|------------|-----------|------------------|---------------|
| | <i>SUBTOTAL (TRAFFIC)</i> | | | | | | | \$ 50,570.04 |
| Traffic Calming Measures | Curb Bumpout | NL - Whitewood Ave & Armstrong St | ea | 1 | | | \$ 20,000.00 | \$ 20,000.00 |
| | | 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 |
| | | <i>Subtotal (Curb Bumpout)</i> | | | | | | \$ 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 |
| | <i>Subtotal (Mini Roundabout)</i> | | | | | | \$ 750,000.00 | |
| | <i>SUBTOTAL (TRAFFIC CALMING MEASURES)</i> | | | | | | \$ 810,000.00 | |
| Parking & Placemaking | Parking Lane Markings | Public parking lot on New Liskeard | metre | | 1450 | 0.10 | \$ 1.40 | \$ 2,030.00 |
| | | <i>Subtotal (Parking Lane Markings)</i> | | | | | | \$ 2,030.00 |
| | Parking Lot Paving | Public parking lot on New Liskeard | sq.ft. | | 60 | 290 | \$ 6.00 | \$ 104,400.00 |
| | <i>Subtotal (Parking Lot Paving)</i> | | | | | | \$ 104,400.00 | |
| | <i>SUBTOTAL (PARKING AND PLACE MAKING)</i> | | | | | | \$ 106,430.00 | |
| | TOTAL | | | | | | \$ 17,351,407.93 | |