

APPENDIX M

Construction Cost Estimate

rom: Milburough Line oad Length (m): 1370	To: ROW Wid	Mc	ernative 4 (Preferred) Niven Road	·	
umber of Lanes: 2 lush Median Width (m):	Lane Wid Raised M	th (m): edian Width (m):			
ROSS-SECTION FOR LEFT SIDE:		CROSS-SECTION FOR RIGHT SIDE:			
ross-Section (Rural/Urban): Rural aved Road Width (m): 3.65		ction (Rural/Urban): ad Width (m):		Rural 3.65	
aved Shoulder Width (m): 1.0 ranular Shoulder Width (m): 1.5	Paved Sh	oulder Width (m): Shoulder Width (m):		1.0 1.5	
idewalk Width (m): 0	Sidewalk	Width (m):		0	
ike Path Width (m): 0 treet Lighting (Y/N): No		Bike Path Width (m): Street Lighting (Y/N):			
lo. Item	Unit	Estimated	Unit	Total	150m section just w
ROADWORKS & DRAINAGE		Quantity	Price		of McNiven Road 10.9
1 Clearing and Grubbing	ha.	0.548	\$10,660.00	\$5,841.68	\$639
2 Remove Ex. Asphalt (Full Depth) 3 Remove Ex. Asphalt (Partial Depth)	m ²	0	\$6.93 \$5.86	\$0.00 \$0.00	
4 Earth Excavation 5 Earth Borrow	m ³	0	\$15.99 \$8.53	\$0.00 \$0.00	
6 Granular A (150 mm depth)	m ³ tonnes	5498.63	\$23.45	\$128,953.75	\$14,119
7 Granular B (600 mm depth) 8 Granular A below Asphalt Splash Pad (150 mm depth)	tonnes m ²	21994.50 0	\$20.25 \$15.99	\$445,476.60 \$0.00	\$48,774
9 Surface Course Asphalt (50 mm depth)	tonnes	1401.51	\$95.94	\$134,460.87	\$14,721
10 Base Course Asphalt (100 mm depth) 11 Asphalt Splash Pad (0.5 m width, 50 mm depth)	tonnes m ²	822.8	\$86.35 \$53.30	\$71,045.49 \$0.00	\$7,778
12 Concrete Curb and Gutter (All types)	m	630	\$58.63	\$36,936.90	\$36,936
13 Sod c/w 100 mm Topsoil 14 Seeding c/w 100 mm Topsoil	m ²	0 10960	\$6.93 \$5.33	\$0.00 \$58,416.80	\$6,396
15 Single Steel Beam Guide Rail	m	300	\$106.60	\$31,980.00	\$31,980
16 End Treatment for Steel Beam Guide Rail 17 300 mm Storm Sewer Laterals	ea. m	4 30	\$5,330.00 \$266.50	\$21,320.00 \$7,995.00	\$21,320 \$7,995
18 375 - 600 mm Storm Sewer 19 675 - 900 mm Storm Sewer	m m	400 0	\$399.75 \$373.10	\$159,900.00 \$0.00	\$159,900
20 975 -1200 mm Storm Sewer	m	0	\$533.00	\$0.00	647 10
21 150 mm Subdrain 22 Single Catchbasins	m ea.	630 6	\$27.72 \$2,132.00	\$17,461.08 \$12,792.00	\$17,461 \$12,792
23 Double Catchbasins 24 Storm Maintenance Holes/MHCBs	ea. ea.	0	\$3,198.00 \$5,010.20	\$0.00 \$25,051.00	\$25,05
25 300 mm CSP Culvert	m	0	\$133.25	\$0.00	φ20,05
26 375 - 600 mm CSP Culvert 27 675 - 1200 mm CSP Culvert	m m	0 64	\$213.20 \$373.10	\$0.00 \$23,878.40	\$23,87
28 1350 - 1800 mm CSP Culvert	m	0	\$533.00	\$0.00	
29 Precast Concrete Box Culvert 30 Oil/Grit Separator	m ea.	0	\$2,132.00 \$63,960.00	\$0.00 \$0.00	
31 Stormwater Outfall Structure (Headwall) 32 Storm Water Management Pond	ea. ea.	1	\$15,990.00 \$26,650.00	\$15,990.00 \$0.00	\$15,99
33 Upgrade/Modify Intersections (incl. turn lanes)	ea.	0	\$319,800.00	\$0.00	
34 Additonal turn lanes 35 Entrance Modifications/Regrading	ea. L.S.	0	\$26,650.00 \$26,650.00	\$0.00 \$0.00	
36 Major Fill - Structure Approaches (Assumed 3% of structure cost) 37 Minor Roadworks & Drainage Items (10% of major roadworks items) (incl. clearing & grubbing, ditching, topsoil stripping, minor earth bo breaking into ex. pipe/structure, pavement markings, signage, proc		0	3.0% 10.0%	\$0.00 \$119,749.96	\$13,11 ⁻
rolling, tack coat, silt fence, tree protect Subtotal A 38 Reconstruction Costs (incl. sawcutting, pulverizing, asphalt remova MH/CB/WV/VCH adjustments, culvert removal, CB removal, curb	ıl,		3.75%	\$1,317,249.53 \$49,396.86	\$458,845 \$5,408
removal, traffic control, etc.)					
				A	<u> </u>
Subtotal Roadworks & Drainage				\$1,366,646.39	\$464,254
Subtotal Roadworks & Drainage STRUCTURES 39 Structure Removal/Demolition	ea.	0	\$95,940.00 \$3.411.20	\$0.00	\$464,25
Subtotal Roadworks & Drainage STRUCTURES	ea. m² m²	0 0 0	\$95,940.00 \$3,411.20 \$4,264.00		\$464,25
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Ruderpass (road under rail) 42 Grade Separation Retaining Walls	m ² m ² m ²	0 0 0	\$3,411.20 \$4,264.00 \$1,279.20	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$464,25
Subtotal Roadworks & Drainage STRUCTURES 39] Structure Removal/Demolition 40] Grade Separation Overpass (road over rail) 41] Grade Separation Underpass (road under rail) 42] Grade Separation Retaining Walls 43] Railway Detour 44] Bridge over Watercourse Crossing	m ² m ²	0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$464,25
Subtotal Roadworks & Drainage STRUCTURES 3] Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Underpass (road under rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway	m ² m ² ea.	0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road under rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge road Structures	m ² m ² ea.	0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$445,58
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Underpass (road under rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge ro other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITGATION	m ² m ² ea.	0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00	\$445,58 \$445, 58
Subtotal Roadworks & Drainage STRUCTURES 3] Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings	m ² m ² ea. m ² m ² m ² m ²	0 0 0 0 0 0 380	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$445,588.00 \$445,588.00 \$30.00	\$445,58 \$445,58 \$53,30
Subtotal Roadworks & Drainage STRUCTURES 3] Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge cover other roadway 46 Bridge retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatior ELECTRICAL	m ² m ² ea. m ² m ² m ² m ² m ² m ²	0 0 0 0 0 380 50	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665.000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00	\$445,58 \$445,58 \$53,30
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Retaining Walls 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigation ELECTRICAL 40 Traffic Signalization (per intersection)	m ² m ² ea. m ² m ² m ² m ² ea.	0 0 0 0 0 380	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$1,172.60 \$533.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$0.00 \$53,300.00 \$53,300.00 \$50.00 \$53,300.00 \$0.00	\$445,58 \$445,58 \$53,30
Subtotal Roadworks & Drainage STRUCTURES 3] Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigation ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 50 Storetures thing (per pole)	m ² m ² ea. m ² m ² m ² m ² ea. m ea.	0 0 0 0 0 380 50	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$3,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00	\$445,58 \$445,58 \$53,30 \$53,30
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Other roadway 45 Bridge ver other roadway 46 Bridge ver other roadway 47 Deciduous Trees (30 m spacing) 48 Miligation and Compensation for Watercourse Crossings Subtotal Structures Subtotal Structures 49 Deciduous Trees (30 m spacing) 48 Miligation and Compensation for Watercourse Crossings Subtotal Landscaping/Miligation ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection)	m ² m ² ea. m ² m ² m ² ea. m ea. m ea. ea.	0 0 0 0 0 380 380 50 50	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$11,066.00 \$213,200.00 \$127,920.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$0.00	\$445,58 \$445,58 \$53,30 \$53,30
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Underpass (road under rail) 42 Grade Separation Rubining Walls 43 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge over other roadway 47 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatior ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell	m ² m ² ea. m ² ea. m ² m ² ea. ea. ea. ea. ea. ea. ea.	0 0 0 0 0 380 50 50 0 0 0 1	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$1,172.60 \$1,066.00 \$1,066.00 \$213,200.00 \$127,920.00 \$127,920.00 \$155,330.00 \$55,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$445.58 \$445,58 \$53.30 \$53.30 \$53.30 \$53.30 \$53.30 \$53.30
Subtotal Roadworks & Drainage STRUCTURES 93 Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatio ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 53 Hydro	m ² m ² m ² ea. m ² m ² m ² ea. ea. ea. ea. ea. ea. ea. ea. ea. E.S. L.S.	0 0 0 0 0 380 50 50 0 1 1 1 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665.000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$127.920.00 \$127.920.00 \$15,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$0.000 \$0.000 \$0.000 \$0.0000\$0 \$0.0000\$0 \$0.0000\$0 \$0.0000\$0 \$0.0000\$0 \$0.0000\$0 \$0.0000\$0 \$0.0000\$0 \$0.0000\$000\$	\$445.58 \$445,58 \$53.30 \$53.30 \$53.30 \$53.30 \$53.30 \$53.30
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Netaining Walls 43 Railway Detour 44 Bridge over other roadway 45 Bridge over other roadway 46 Bridge over other roadway 47 Deciduous Trees (30 m spacing) 48 Militigation and Compensation for Watercourse Crossings Subtotal Structures Subtotal Structures ELECTRICAL 49 Irafin: Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTLITIES & SERVICES 52 Bell 33 Hydro 54 Gas 54 Case	m² m² ea. m² ea. m² ea.	0 0 0 0 0 380 0 50 50 0 0 0 0 1 1 1 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$1,172.60 \$1,066.00 \$1,066.00 \$213,200.00 \$127,920.00 \$127,920.00 \$155,330.00 \$55,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$553,300.00 \$53,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$50,000.00 \$50,000.00 \$50,000.00 \$50,000.00 \$50,000.00 \$0.00	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30
Subtotal Roadworks & Drainage STRUCTURES 93 Kiructire Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Underpass (road under rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatio ELECTRICAL 49 Trafic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 53 Hydro 54 Gas 55 Cable 50 Oil Pipelines 57 Hydro One	m² m² m² ea. m² m² m² ea.	0 0 0 0 0 0 380 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$1,172.60 \$1,066.00 \$1,066.00 \$213,200.00 \$127,920.00 \$127,920.00 \$155,330.00 \$55,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$0.00 \$0.00 \$50.00 \$	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$55,47 \$5,47
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge cover other roadway 46 Bridge retaining Walls Subtotal Structures LADSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatio ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex., Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 28 Bell 29 Heil 30 Hydro 54 Gas 55 Cable 50 Oil Pipelines	m ² m ² m ² ea. m ² m ² m ² ea. ea. ea. ea. ea. E.S. L.S. L.S. L.S. L.S. L.S.	0 0 0 0 0 0 380 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$1,172.60 \$1,066.00 \$1,066.00 \$213,200.00 \$127,920.00 \$127,920.00 \$155,330.00 \$55,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$50.000.00 \$50.000.00 \$0.00	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,49 \$39,49
Subtotal Roadworks & Drainage STRUCTURES 9 Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 11 Grade Separation Overpass (road over rail) 12 Grade Separation Retaining Walls 31 Railway Detour 41 Bridge over other roadway 46 Bridge over other roadway 46 Bridge over other roadway 47 Deciduous Trees (30 m spacing) 48 Mildguots Trees (30 m spacing) 49 Mildguite Inandscaping/Millgation ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTLITIES & SERVICES 20 Bell 31 Hydro 54 Gas 55 Cable 56 Cable 50 Cable 50 Coll Pipelines 57 Hydro One 20% Contingency	m² m² m² ea. m² m² m² ea.	0 0 0 0 0 0 380 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$1,172.60 \$1,066.00 \$1,066.00 \$213,200.00 \$127,920.00 \$127,920.00 \$155,330.00 \$55,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$553,300.00 \$53,300.00 \$0.00 \$0.00 \$0.00 \$50,000 \$0.00 \$50,000.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,00000 \$50,00000 \$50,00000 \$50,00000 \$50,0000000000	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$5,47 \$5,47 \$5,47 \$5,47 \$1,002,63 \$200,52
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Underpass (road under rail) 42 Grade Separation Relating Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatio ELECTRICAL 49 Traific Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Leterrical UTILITIES & SERVICES 52 Bell 53 Hydro 54 Gas 55 Cable 56 Oil Pipelines 57 Hydro One Subtotal LALL ITEMS (1) 20% Contingency SUBTOTAL (2) 15% Engineering	m² m² m² ea. m² m² m² ea.	0 0 0 0 0 0 380 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$533.00 \$1,066.00 \$213,200.00 \$213,200.00 \$213,200.00 \$5,330.00 \$5,330.00 \$5,330.00 \$5,330.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$0.00 \$0.00 \$50.00 \$0.00 \$0.00 \$50.000 \$0.00 \$0.00 \$50.000 \$0.00 \$50.000 \$0.00 \$50.000 \$0.00 \$50.000 \$0.00 \$50.000 \$0.00 \$50.000 \$0.00 \$50.000 \$0.00 \$50.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$5,47 \$5,47 \$5,47 \$1,002,63 \$200,62 \$1,203,15 \$1,203,15 \$180,47
Subtotal Roadworks & Drainage STRUCTURES 9 Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Overpass (road over rail) 43 Graidway Detour 44 Bridge over Vatercourse Crossing 45 Bridge over other roadway 46 Bridge over Vatercourse Crossing 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigation ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITES & SERVICES 52 Bell 38 Hydro 54 Gas 55 Cable 56 Oil Pipelines 57 Hydro One Subtotal Utilities Subtotal Utilities Subtotal Utilities <	m² m² m² ea. m² m² m² ea.	0 0 0 0 0 0 380 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$1,172.60 \$1,172.60 \$1,172.60 \$1,066.00 \$213,200.00 \$127,920.00 \$127,920.00 \$55,330.00 \$255,000.00 \$255,000.00 \$255,000.00 \$250,000.00 \$20,0%	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50,00 \$0.00 \$50,00 \$0.00 \$50,000.0000\$50,000.000\$50,0000\$50,0000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,000\$50,	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$5,47 \$5,47 \$5,47 \$1,002,63 \$200,62 \$1,203,15 \$1,203,15 \$180,47
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Overpass (road over rail) 43 Graidway Detour 44 Bridge over Other roadway 46 Bridge over other roadway 46 Bridge over other roadway 47 Bridge over other roadway 48 Bridge over other roadway 49 Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 49 Deciduous Trees (30 m spacing) 40 Bridge retaining Walls Subtotal Landscaping/Mitigation ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 53 Other 54 Gas 55 Cable 56 Obl Pipelines 57 Hydro One Subtotal Utilititis Subtotal Utilities	m² m² m² ea. m² m² m² m² m² m² ea. ea.	0 0 0 0 0 0 0 50 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$11,172.60 \$12,12,60.00 \$12,127,920.00 \$127,920.00 \$5,330.00 \$550,000.000 \$550,000.000 \$550,000.000 \$550,000.000 \$550,000.000 \$550,000.000 \$550,000.000 \$550,000.0000 \$550,000.0000 \$550,000.0000 \$550,000.0000 \$550,000.0000 \$550,000.0000 \$550,00000 \$550,00000 \$550,0000000000	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$445,588.00 \$53,300.00 \$53,300.00 \$50,00 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,00000 \$50,00000 \$50,000000 \$50,0000000000	\$445.58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$55,47 \$5,47 \$5,47 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,003,63\$ \$1,003,63\$ \$1,003,65\$ \$1,003,65\$ \$1,003,65\$ \$1,003,65\$ \$1,003,65\$\$1,003,
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigation ELECTRICAL 49 Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 53 Hydro 54 Gas 55 Cable 56 Oil Pipelines 57 Hydro One Subtotal Utilities Subtotal Utilities Subtotal Utilities Subtotal Utilities	m ² m ² m ² ea. m ² m ² m ² m ² ea. ea. ea. ea. ea. ea. E.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S	0 0 0 0 0 380 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$533.00 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00 \$213,200.00 \$5,330.00 \$5,300.00 \$5,000.00 \$5	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$	\$445.58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$55,47 \$5,47 \$5,47 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,003,63\$ \$1,003,63\$ \$1,003,65\$ \$1,003,65\$ \$1,003,65\$ \$1,003,65\$ \$1,003,65\$\$1,003,
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Overpass (road over rail) 43 Railway Detour 44 Bridge over Vatercourse Crossing 45 Bridge rot Watercourse Crossing 46 Bridge over other roadway 46 Bridge rot Watercourse Crossing 5 Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 mescain) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Structures LANDSCAPING/MITIGATION 49 Deciduous Trees (30 mescain) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 33 Hydro 54 Gas 55 Cable 63 Oil Pipelines 57 Hydro One Subtotal LutTEMS (1) 20% Contingency SUBTOTAL ALL ITEMS (1) 20% Contingency SUBTOTAL ALL ITEMS	m² m² m² ea. m² m² m² m² m² m² ea. ea. ea. ea. ea. ea. b.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S. acre acre acre acre	0 0 0 0 0 0 380 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665.000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00 \$127,920.00 \$55,330.00 \$127,920.00 \$55,330.00 \$127,920.00 \$127,920.00 \$127,920.00 \$127,920.00 \$55,300.00 \$127,920.00 \$55,300.00 \$15,0%\$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0%\$	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,00000 \$50,00000 \$50,0000000000	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$5,47 \$5,47 \$5,47 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$1,003,63 \$1,0
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 metaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 metaining Walls Subtotal Index and Compensation for Watercourse Crossings Subtotal Index and Compensation for Watercourse Crossings Subtotal Index and Compensation for Watercourse Crossings Subtotal ElectricAl 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 34 Hydro 54 Gas 55 Cable 50 Oil Pipelines 57 Hydro One	m ² m ² ea. m ² ea. m ² ea. ea. ea. ea. ea. ea. ea. E.S. L.S. L.S. L.S. L.S. Based on	0 0 0 0 0 0 380 0 50 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$5,33.00 \$1,066.00 \$127,920.00 \$5,330.00 \$127,920.00 \$5,330.00 \$5,340.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50.00 \$0.00 \$0.00 \$50.00 \$0.00 \$0.00 \$0.00 \$50.00 \$0.00 \$20.00 \$0.00 \$20.00 \$0.00 \$20.00 \$0.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$20.00 \$0.00 \$20.00 \$0.00 \$0.00 \$0.00 \$20.00 \$0.00 \$0.00 \$0.00 \$20.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$20.00 \$0.00 \$20.00 \$20.00 \$0.00	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$55,47 \$5,47 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$200,52 \$1,002,63 \$39,30 \$39,30
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over other roadway 45 Bridge over other roadway 46 Bridge over other roadway 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatio ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES SERVICES 52 Bell 53 Hydro 54 Gas 55 Cable 56 Oil Pipelines 57 Hydro One Subtotal LITEMS 72 73% Contingency SUBTOTAL ALL ITEMS <td>m² m² m² ea. m² m² m² m² m² m² ea. ea. ea. ea. ea. ea. b.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S. acre acre acre acre</td> <td>0 0 0 0 0 0 380 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>\$3,411.20 \$4,264.00 \$1,279.20 \$2,665.000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00 \$127,920.00 \$55,330.00 \$127,920.00 \$55,330.00 \$127,920.00 \$127,920.00 \$127,920.00 \$127,920.00 \$55,300.00 \$127,920.00 \$55,300.00 \$15,0%\$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0%\$</td> <td>\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$5</td> <td>\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,47 \$5,47 \$5,47 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,003,63\$ \$1,003,63\$}</td>	m² m² m² ea. m² m² m² m² m² m² ea. ea. ea. ea. ea. ea. b.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S. acre acre acre acre	0 0 0 0 0 0 380 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665.000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00 \$127,920.00 \$55,330.00 \$127,920.00 \$55,330.00 \$127,920.00 \$127,920.00 \$127,920.00 \$127,920.00 \$55,300.00 \$127,920.00 \$55,300.00 \$15,0%\$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0%\$	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$5	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,47 \$5,47 \$5,47 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,002,63 \$1,003,63\$ \$1,003,63\$}
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40) Grade Separation Overpass (road over rail) 41) Grade Separation Overpass (road over rail) 42) Grade Separation Overpass (road over rail) 43) Grade Separation Overpass (road over rail) 44) Grade Separation Overpass (road over rail) 45) Bridge cervition Retaining Walls 34) Railway Detour 44) Bridge over Valtercourse Crossing 45) Bridge cervitien Konters 46) Bridge Retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47) Deciduous Trees (30 m spacing) 48) Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigation ELECTRICAL 49) Traffic Signalization (per intersection) 50) Modifications to Ex. Traffic Signalization (per intersection) 51 51 51 51 51 51 51 51 51 51 52 52 53 54	m ² m ² m ² ea. m ² m ² ea. m ea. ea. ea. ea. ea. ea. E.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S	0 0 0 0 0 0 380 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$127,920.00 \$127,920.00 \$127,920.00 \$55,330.00 \$155,330.00 \$155,330.00 \$155,330.00 \$156,000.00 \$55,300.00 \$55,500.00 \$55,300.00 \$55,500.00 \$55,500.00 \$55,500.00 \$55,500.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,000 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,000 \$0.00 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,00000 \$50,0000 \$50,00000 \$50,00000000 \$50,0000000000	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$55,47 \$5,47 \$5,47 \$5,47 \$1,02,63 \$200,52 \$1,203,15 \$180,47 \$1,383,63 \$39,30 \$39,30
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Overpass (road over rail) 43 Caide Separation Overpass (road over rail) 44 Bridge over Vlater course Crossing 45 Bridge over other roadway 46 Bridge Retaining Walls Subtotal Structures VLADSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Miligation and Compensation for Watercourse Crossings Subtotal Landscaping/Miligation ELECTRICAL 49 Traific Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 53 Hydro 54 Gas 55 Cable 56 Oil Pipelines 57 Hydro Contingency 58 Subtotal Utilities Subtotal Utilities SUBTOTAL ALL ITEMS (1) 20% Contingency SUBTOTAL ALL ITEMS	m ² m ² m ² ea. m ² m ² ea. ea. ea. ea. ea. ea. ea. ea. ea. ea.	0 0 0 0 0 0 380 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665.000.00 \$3,411.20 \$3,411.20 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00 \$127,920.00 \$55,330.00 \$127,920.00 \$55,330.00 \$127,920.00 \$127,920.00 \$127,920.00 \$127,920.00 \$55,300.00 \$127,920.00 \$55,300.00 \$15,0%\$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0% \$15,0%\$15,0% \$15,0%\$	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$3.00 \$53,300.00 \$53,300.00 \$53,300.00 \$50,00 \$0.00 \$50,00 \$0.00 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,0000 \$50,00000 \$50,0000 \$50,00000 \$50,00000000 \$50,0000000000	\$464,25 \$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,9,49 \$1,002,63 \$200,62 \$1,203,15 \$180,47 \$1,383,63 \$39,30 \$39,40 \$39,40 \$1,002,63 \$30,40 \$1,002,63 \$30,40 \$1,002,63 \$30,30 \$39,30 \$30,3
Subtotal Roadworks & Drainage STRUCTURES 3) Structure Removal/Demolition 40 Grade Separation Overpass (road over rail) 41 Grade Separation Overpass (road over rail) 42 Grade Separation Overpass (road over rail) 43 Grade Separation Retaining Walls 43 Railway Detour 44 Bridge over Watercourse Crossing 45 Bridge over other roadway 46 Bridge retaining Walls Subtotal Structures LANDSCAPING/MITIGATION 47 Deciduous Trees (30 m spacing) 48 Mitigation and Compensation for Watercourse Crossings Subtotal Landscaping/Mitigatio ELECTRICAL 49 Traffic Signalization (per intersection) 50 Modifications to Ex. Traffic Signalization (per intersection) 51 Street Lighting (per pole) Subtotal Electrical UTILITIES & SERVICES 52 Bell 53 Hydro 54 Gas 55 Cable 56 Oil Pipelines 57 Hydro One Subtotal Utilities SUBTOTAL ALL ITEMS (1) 20% Contingency SUBTOTAL ALL ITEMS PROFERTY <	m ² m ² m ² ea. m ² m ² ea. m ea. ea. ea. ea. ea. ea. E.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S	0 0 0 0 0 0 0 380 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$3,411.20 \$4,264.00 \$1,279.20 \$2,665,000.00 \$3,3411.20 \$3,411.20 \$533.00 \$1,172.60 \$533.00 \$1,066.00 \$213,200.00 \$5330.00 \$5330.00 \$55000.00 \$550000 \$5500000 \$5500000 \$5500000 \$5500000 \$5500000 \$5500000 \$5500000 \$5500000000	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$445,588.00 \$53,300.00 \$53,300.00 \$53,300.00 \$53,300.00 \$5	\$445,58 \$445,58 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$53,30 \$55,47 \$5,47 \$5,47 \$5,47 \$1,02,63 \$200,52 \$1,203,15 \$180,47 \$1,383,63 \$39,30 \$39,30