

**FORM B(R1): PRICES**  
 (SEE B8)

LOGAN AVENUE, TRINITY STREET (RAILWAY) TO REITTA STREET, STREET RECONSTRUCTION

UNIT PRICES

ITEM	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
<b>PART A</b>	<b>Concrete Street Reconstruction</b>					
	<b><u>Earth and Base Works</u></b>					
A.1	Excavation	CW 3110-R7	m <sup>3</sup>	9,870		
A.2	Sub-Grade Compaction	CW 3110-R7	m <sup>2</sup>	12,160		
A.3	Crushed Sub-base Material	CW 3110-R7				
	i) 50mm Limestone		tonne	4,720		
	ii) 150mm Limestone		tonne	12,895		
A.4	Supplying and Placing Base Course Material	CW 3110-R7	m <sup>3</sup>	1,110		
A.5	Grading of Boulevards	CW 3110-R7	m <sup>2</sup>	465		
A.6	Removal of Existing Concrete Bases	CW 3110-R7				
	i) 600mm Diameter or Less		each	14		
	ii) Greater than 600mm Diameter		each	1		
A.7	Separation/Reinforcement Geotextile Fabric	CW 3130-R1	m <sup>2</sup>	12,160		
A.8	Removal of Existing Street Car Track Bedding	E18.	m <sup>3</sup>	2,200		
	<b><u>Roadworks - Removal/Renewals</u></b>					
A.9	Pavement Removal	CW 3110-R7				
	i) Concrete Pavement	& E10.	m <sup>2</sup>	11,080		
	ii) Asphalt Pavement		m <sup>2</sup>	1,775		
A.10	Partial Slab Patches	CW 3230-R4				
	i) 200mm Concrete Pavement (Type D)		m <sup>2</sup>	20		
	ii) 150mm Concrete Pavement (Type C)		m <sup>2</sup>	15		
A.11	Drilled Dowels	CW 3230-R4				
	i) 19.1mm Diameter		each	350		
	ii) 28.6mm Diameter		each	100		
A.12	Drilled Tie Bars	CW 3230-R4				
	i) 20 M Deformed Tie Bar		each	30		
	ii) 25 M Deformed Tie Bar		each	40		
A.13	Miscellaneous Concrete Slab Removal	CW 3235-R4				
	i) Sidewalk		m <sup>2</sup>	3,170		

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<b>PART A</b>	<b>Concrete Street Reconstruction</b>					
A.14	Concrete Curb Removal	CW 3240-R4				
	i) Barrier Separate		m	590		
	ii) Ramp Curb		m	20		
A.15	Miscellaneous Concrete Slab Renewal	CW 3235-R4				
	i) Sidewalk	SD-228A				
	a) Less than or equal to 5 sq.m.		m <sup>2</sup>	40		
	b) Greater than 5 and less than 20 sq.m.		m <sup>2</sup>	40		
A.16	Concrete Curb Renewal	CW 3240-R4				
	i) Barrier (150mm ht, Dowelled)	SD-205,				
	a) 3m and less	SD206A	m	25		
A.17	Construction of Asphaltic Concrete Overlay	CW 3410-R5				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	100		
A.18	Construction of Asphalt Patches	CW 3410-R5	m <sup>2</sup>	45		
A.19	Planing of Pavement	CW 3450-R3				
	i) 0 - 50mm Depth (Asphalt)		m <sup>2</sup>	50		
	ii) 50 - 100mm Depth (Asphalt)		m <sup>2</sup>	200		
	<b>Roadworks - New Construction</b>					
A.20	Concrete Pavements, Median Slabs, Bullnoses, and Safety Medians	CW 3310-R8 & E11.				
	i) Construction of 230mm Concrete Pavement (Plain-Dowelled) Slip Form Paving		m <sup>2</sup>	7,520		
	ii) Construction of 230mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	1,520		
	iii) Construction of 230mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled)		m <sup>2</sup>	840		
	iv) Construction of 200mm Concrete Pavement (Plain-Dowelled)		m <sup>2</sup>	850		
	v) Construction of 200mm Concrete Pavement for Early Opening 72 hour (Plain-Dowelled)		m <sup>2</sup>	300		
	vi) Construction of 200 mm Concrete Pavement (Reinforced)		m <sup>2</sup>	300		
	vii) Construction of 200 mm Concrete Pavement for Early Opening 72 hour (Reinforced)		m <sup>2</sup>	100		
	viii) Construction of Monolithic Concrete Median Slabs	SD-226A & E17.	m <sup>2</sup>	50		

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<b>PART A</b>	<b>Concrete Street Reconstruction</b>					
A.20	(Cont'd.)					
	ix) Construction of Monolithic Curb and Sidewalk	SD-228B & E16.	m <sup>2</sup>	3,320		
	x) Construction of Monolithic Concrete Bullnoses		m <sup>2</sup>	5		
A.21	Concrete Curbs, Curb and Gutter, and Splash Strips	CW 3310-R8				
	i) Construction of Modified Barrier 180mm (Integral)	SD-203B	m	25		
	ii) Construction of Ramp Curb (15mm ht, Integral)	SD-229E	m	280		
A.22	Supply and Installation of Dowel Assemblies	CW 3310-R8	m	2,560		
A.23	Construction of Asphaltic Concrete Pavements	CW 3410-R5				
	i) Tie-ins and Approaches					
	a) Type IA		tonne	150		
	<b>Joint and Crack Sealing</b>					
A.24	Reflective Crack Maintenance	CW 3250-R5	m	100		
	<b>Associated Drainage and Underground Works</b>					
A.25	Catchbasin	CW 2130-R8				
	i) SD-024	<b>&amp; E20.</b>	each	15		
	ii) SD-025		each	3		
A.26	Sewer Service	CW 2130-R8				
	i) 250 mm PVC SDR-35					
	a) Trenchless Installation, Class B Bedding, Class 3 Backfill		m	140		
A.27	Replacing Existing Manhole Frames and Covers	CW 2130-R8				
	i) AP-004 - Manhole Frame		each	11		
	ii) AP-005 - Manhole Cover (Solid)		each	11		
	iii) AP-006 - Manhole Cover (Grated)		each	7		

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<b>PART A</b>	<b>Concrete Street Reconstruction</b>					
A.28	Connecting to Existing Manhole i) 250mm PVC SDR-35 Catchbasin Lead	CW 2130-R8	each	2		
A.29	Connecting to Existing Sewer i) 250mm PVC SDR-35 Catchbasin Lead a) Connecting to 450mm Combined Sewer b) Connecting to 600mm Combined Sewer (Brick) c) Connecting to 750mm Combined Sewer (Brick) d) Connecting to 750mm Combined Sewer (Brick) Polylined e) Connecting to 750mm x 1125 Combined Sewer (Brick)	CW 2130-R8	each each each each each	2 4 4 2 4		
A.30	Plugging Existing Sewers and Sewer Services Smaller than 300 millimetres i) 250mm	CW 2130-R8	each	18		
A.31	Abandoning Existing Catchbasins	CW 2130-R8	each	18		
A.32	Abandonment of Existing Drainage Inlets	CW 3210-R5	each	13		
A.33	Installation of Subdrains	CW 3120-R1	m	1,090		
	<b>Adjustments</b>					
A.34	Adjustment of Existing Catchbasins/ Manholes	CW 3210-R5 & E12.	each	23		
A.35	Installation of Precast Concrete Ring Sections	CW 3210-R5	vert. m	3		
A.36	Installation of Cast Iron Lifter Ring Inserts i) 51mm	CW 3210-R5	each	11		
A.37	Adjustment of Existing Watermain Valve Boxes	CW 3210-R5	each	21		
A.38	Installation of Watermain Valve Box Extendible Section Inserts	CW 3210-R5	each	2		

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<b>PART A</b>	<b>Concrete Street Reconstruction</b>					
A.39	Adjustment of Existing Curb Stop Boxes	CW 3210-R5	each	15		
A.40	Supply of Curb Stop Box Extendible Sections	CW 3210-R5	each	5		
A.41	Sodding	CW 3510-R7				
	i) width < 600mm		m <sup>2</sup>	35		
	ii) width > or = 600mm		m <sup>2</sup>	430		
	<b>Miscellaneous</b>					
A.42	Chain Link Fence	CW 3550-R2				
	i) 2.44m Height		m	4		
A.43	Installation of Barrier Posts	CW 3650-R4 & E13.	each	10		
A.44	Installation of Barrier Rails	CW 3650-R4 & E13.	m	40		
A.45	Salvaging Existing Barrier Rail	CW 3650-R4 & E13.	m	40		
A.46	Salvaging Existing Barrier Posts	CW 3650-R4 & E13.	each	10		
A.47	Insulation in Subdrain Trenches and Catchbasin Excavations	E15.	m <sup>2</sup>	515		
A.48	Construction of Concrete Retaining Curb	E16.	m <sup>3</sup>	1		
<b>PART A</b>	<b>Concrete Street Reconstruction</b>				Sub-Total:	

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<b>PART B</b>	<b>Storm Relief Sewers - Arlington Street/Tecumseh Street</b>					
B.1	Storm Relief Sewers	CW 2130-R8				
	i) 750mm, Concrete C76 CL III					
	a) Trenchless Installation, Class B, Type 2 Bedding, Class 1 Backfill		m	15		
	b) Trenchless Installation, Class B, Type 2 Bedding, Class 3 Backfill		m	30		
	ii) 600mm, Concrete C76 CL III or PVC SDR 35					
	a) Trenchless Installation, Class B, Type 2 Bedding, Class 3 Backfill		m	20		
B.2	New Manhole on Existing Sewer	CW 2130-R8 & E19.				
	i) Saddle Type					
	a) 2100mm Base		vert. m	8		
B.3	Sewer Services	CW 2130-R8				
	i) 250 mm					
	a) Trenchless Installation, Class B Type 2 Bedding, Class 3 Backfill		m	30		
B.4	Sewer Inspection	CW 2145-R1				
	i) Storm Relief Sewers					
	a) 750 mm		m	45		
	b) 600 mm		m	20		
<b>PART B</b>	<b>Storm Relief Sewers - Arlington Street/Tecumseh Street</b>				Sub-Total:	
<b>SUMMARY</b>						
<b>PART A</b>	<b>Concrete Street Reconstruction</b>				Sub-Total:	
<b>PART B</b>	<b>Storm Relief Sewers - Arlington Street/Tecumseh Street</b>				Sub-Total:	
TOTAL BID PRICE (GST extra)						
			(in figures) \$ _____			
(in words) _____						
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