

**TOWNSHIP OF WELLINGTON NORTH  
FERGUS STREET RECONSTRUCTION  
PROJECT NO. 21340,1; CONTRACT NO. RFT-2024-005**

**ADDENDUM NO. 2**

Plan takers shall note the following:

**(1) Borehole Logs**

Draft borehole logs are provided attached to this addendum.

**(2) Enbridge Gas Relocation**

- a) The existing gas line on the east side of the right-of-way, which currently runs approximately under the proposed east curb, will be abandoned as part of Enbridge's relocation work.
- b) Upon completion of the relocation work, Enbridge's contractor will complete temporary restoration of applicable disturbed areas. Complete restoration shall be performed by the Township's Contractor under this Contract. Details of the required restoration are provided below, and restoration locations are outlined in an attachment to this Addendum. The Contractor shall make note of the revision to the Schedule of Items and Prices contained in the attached page T-11 (Revised), which modifies Item No. 54 to provide a place for the Contractor to include costs for the additional restoration work outlined in this Addendum. The revised page shall be used in the tender submission.
- c) Restoration Requirements:
  - i. All restoration work shall be carried out in accordance with the General Restoration Requirements noted in the Contract Special Provisions.
  - ii. For restoration at Location 1, the Contractor shall assume the following approximate quantities: 2.0x2.0m asphalt patch (2 lifts), 3.0m curb, two (2) tactile plates, pour two (2) sidewalk panels.
  - iii. For restoration at Locations 4 & 5, the Contractor shall assume the following approximate quantities: 2.0x2.0m asphalt patch (2 lifts).
  - iv. The Contractor shall include all costs for restoration required at Locations 1, 4 and 5 in Item #54 a) on page T-11 (Revised).
  - v. Costs for the restoration of Locations 2, 3, 6, and 7 shall be covered under the existing applicable tender items (e.g. topsoil, sod, etc.) and shall be paid for based on the applicable restored area determined at the time of construction.

**(3) Temporary Watermain**

- a) BMROSS Drawing No. 1115 "Temporary Connection from a Hydrant" shall be considered eliminated from the Contract. The Township of Wellington North does not permit temporary watermain to be supplied from a hydrant.

- b) A note is included on Drawing No. 2 which indicates that the Baptist Church at #116 is serviced from both Fergus and Wellington Streets. It has subsequently been discovered that the service from Wellington Street supplies only a fire suppression system and does not supply domestic needs; as such, the Contractor is required to provide potable water for this property.
- c) The Contractor shall note the following specific sizing requirements for temporary watermain, which shall supplement or update what is already required in the Contract:
  - i. The apartment building at #176 Fergus St. N. shall be provided with a minimum 50mm (2") dia. service from a minimum 100mm (4") dia. watermain. The minimum 100mm (4") dia. temporary watermain shall be supplied from an existing watermain that is 100mm (4") dia. or larger.
  - ii. The Baptist Church at #116 Fergus St. N. shall be provided with a minimum 50mm dia. (2") service from a minimum 50mm dia. (2") watermain.

**(4) Sanitary Service to #191**

The Contract specifies 150mm AWWA C900, DR18 pipe, colour green, for the sanitary service to #191 Fergus St. N. The Contractor shall note that green demarcation tape on white pipe is an acceptable alternative to the specified green pipe.

**(5) Drawing No. 2, General Note No. 2**

The last two sentences shall be replaced by the following:

*Three daylighting holes within the project limits were excavated using a vacuum truck on September 13, 2023. The size of the concrete encased conduit generally was observed to be approximately 0.5 x 0.5m.*

**(6) Maintenance Holes**

The following requirements apply to maintenance holes and the costs shall be included in the appropriate tender item:

- a) Frost strapping shall be provided for storm maintenance holes as per OPSD 701.100. The prices for Items 23 a) and 23 b) shall include frost strapping.
- b) Frost strapping shall extend to 2.5m below ground level, minimum. If a maintenance hole base lies within the 2.5m distance, strapping shall be attached to the base as per Detail B on OPSD 701.100.
- c) For sanitary maintenance holes, denso tape application width shall be 300mm.
- d) For both sanitary and storm maintenance holes, the following requirements apply:
  - i. Lift holes shall be parged.
  - ii. Rubber gaskets shall be provided between precast sections.
  - iii. Adjustment shall be minimum 200mm, maximum 300mm.

(7) **Driveways**

The following requirements apply to driveways:

- a) Residential driveways specified to be restored with asphalt shall be provided with 50mm **HL-3F (modified fine)** and this is the grade of asphalt that shall be priced in Item 5 b) i).
- b) The asphalt provided for driveways at #116 and #176 shall be as follows: **50mm HL-4 followed by 40mm HL-3F (modified fine)**. Item 5 b) ii) shall be priced accordingly and shall include the cost for both lifts.
- c) Driveways at #116 and #176 shall be provided with 450mm of Granular B sub-base, along with 150 mm of Granular A base.

(8) **Concrete Work**

The Contractor shall note the following changes regarding concrete work:

- a) Minimum Granular A base depth for sidewalks shall be the greater of: 150mm or the thickness of the sidewalk.
- b) 200mm concrete sidewalk thickness is required at the radius areas at Wellington Street. Item 14 on Pages T-3 and T-4 of the Schedule of Items and Prices has been modified to reflect this change. Revised pages T-3 (Revised) and T-4 (Revised) have been included with this Addendum. The revised pages shall be used in the tender submission.
- c) Certain quantities listed under Item 14 have been revised. Refer to Revised pages T-3 (Revised) and T-4 (Revised).
- d) Concrete work in the accessible parking area at #116 shall be paid under Item 14 e).

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[www.bmross.net](http://www.bmross.net)

March 12, 2024

*(Bidders are reminded that they must acknowledge the correct number of addenda issued on page T-1 of the tender submission document.)*

Project No. : 02400039.000 Client : Township of Wellington North Originated by : MA  
 Date started : February 22, 2024 Project : Fergus Street North Reconstruction Compiled by : ZB  
 Sheet No. : 1 of 1 Location : Mount Forest, Ontario Checked by : MS

Position : E: 521204, N: 4870112 (UTM 17T) Elevation Datum : Geodetic  
 Rig type : D50, track-mounted Drilling Method : Hollow stem augers

Depth Scale (m)	SOIL PROFILE			SAMPLES			Elevation Scale (m)	Penetration Test Values (Blows / 0.3m)				Moisture / Plasticity			Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value		Undrained Shear Strength (kPa)				Plastic Limit	Natural Water Content	Liquid Limit			
0	414.2	GROUND SURFACE						10	20	30	40						
0.2	414.0	70mm ASPHALT		1	AS		414						O		PID: 10		
0.6	413.6	170mm GRANULAR BASE, sand and gravel, some silt, brown, crushed															
1.3	412.9	350mm GRANULAR SUB BASE, sand and gravel, trace silt, trace cobbles, brown		2	SS	14	413						O		PID: 10		
2.2	412.0	FILL, silty sand and gravel, compact, brown, moist		3	SS	2	412						O		PID: 10		
		FILL, sandy silt, some clay, some wood fragments, some tiles, trace topsoil, very loose, brown, moist		4	SS	5	411						O		PID: 5		
		...some clay, trace gravel, very loose to loose		5	SS	4	410						O		PID: 0		
3.7	410.5	FILL, sand, trace silt, with silt and sandy silt seams, very loose, brown, moist		6	SS	3											
5.2	409.0	...sandy silt, some gravel, trace clay, loose, grey, moist		7	SS	7											
5.2	409.0	END OF BOREHOLE															

Borehole was dry and open upon completion of drilling.

Project No. : 02400039.000 Client : Township of Wellington North Originated by : MA  
 Date started : February 22, 2024 Project : Fergus Street North Reconstruction Compiled by : ZB  
 Sheet No. : 1 of 1 Location : Mount Forest, Ontario Checked by : MS

Position : E: 521256, N: 4870067 (UTM 17T) Elevation Datum : Geodetic  
 Rig type : D50, track-mounted Drilling Method : Hollow stem augers

Depth Scale (m)	SOIL PROFILE			SAMPLES			Elevation Scale (m)	Penetration Test Values (Blows / 0.3m)		Moisture / Plasticity			Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value		Dynamic Cone	Undrained Shear Strength (kPa)	Plastic Limit	Natural Water Content	Liquid Limit			
0	414.7	GROUND SURFACE													
0.2	414.5	25mm ASPHALT		1	AS								PID: 0		
0.4	414.3	205mm GRANULAR BASE, sand and gravel, trace silt, brown, crushed		2	SS	8 / 150mm							PID: 0		
1		170mm GRANULAR SUB BASE, sand and gravel, trace silt, trace cobbles, brown													
		SILTY SAND and GRAVEL, trace to some cobbles, brown, moist													
		...loose		3	SS	7							PID: 0		
2	412.6														
2.1		SILTY CLAY, trace sand, trace gravel, very stiff, brown to grey, moist (GLACIAL TILL)		4	SS	23							PID: 0		
3		...hard		5	SS	35							PID: 0		
4				6	SS	45							PID: 0		
5				7	SS	62							PID: 0		
5.2	409.5	END OF BOREHOLE													

## END OF BOREHOLE

Borehole was dry and open upon completion of drilling.

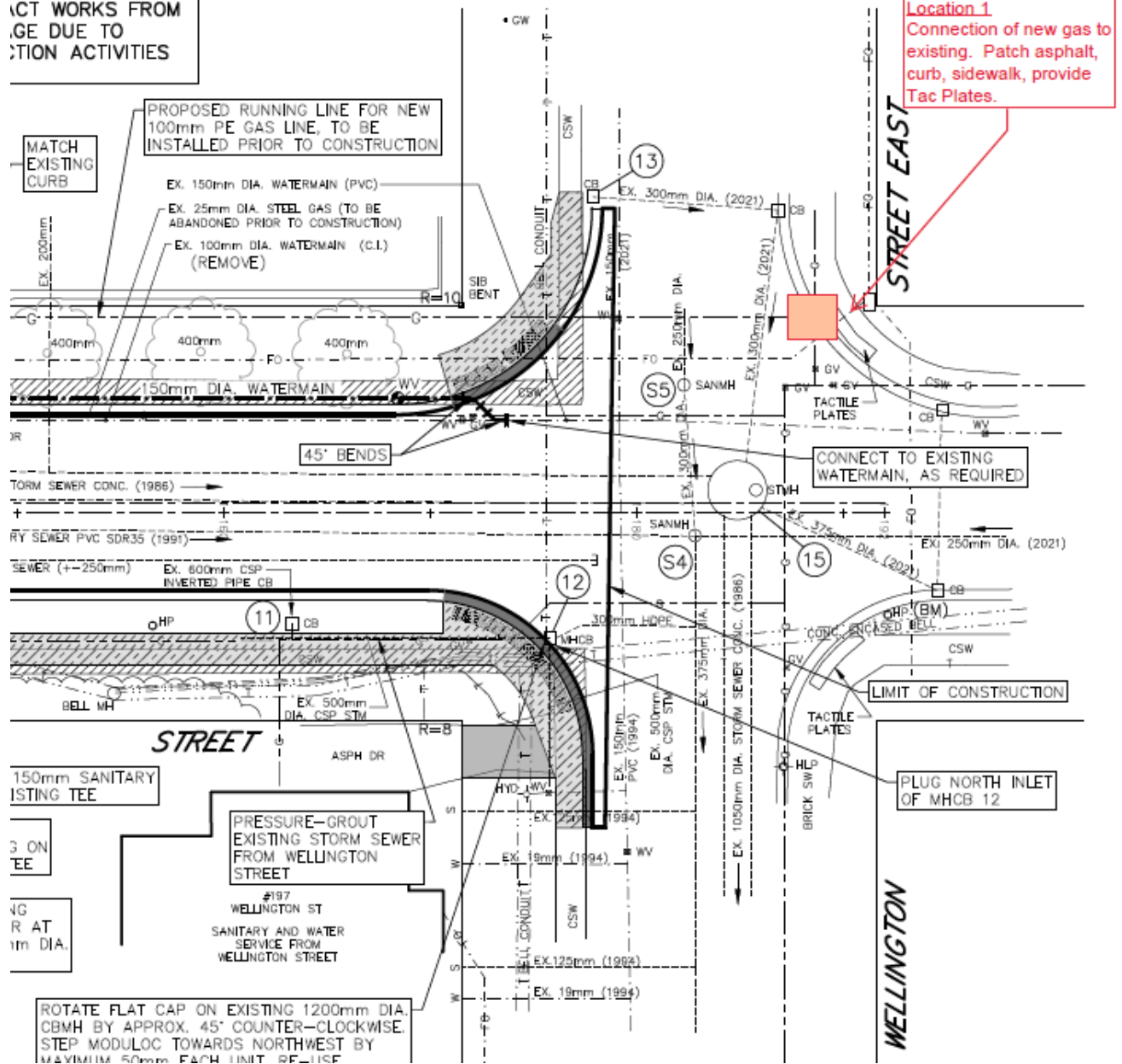
Project No. : 02400039.000 Client : Township of Wellington North Originated by : MA  
 Date started : February 22, 2024 Project : Fergus Street North Reconstruction Compiled by : ZB  
 Sheet No. : 1 of 1 Location : Mount Forest, Ontario Checked by : MS

Position : E: 521307, N: 4870017 (UTM 17T) Elevation Datum : Geodetic  
 Rig type : D50, track-mounted Drilling Method : Hollow stem augers

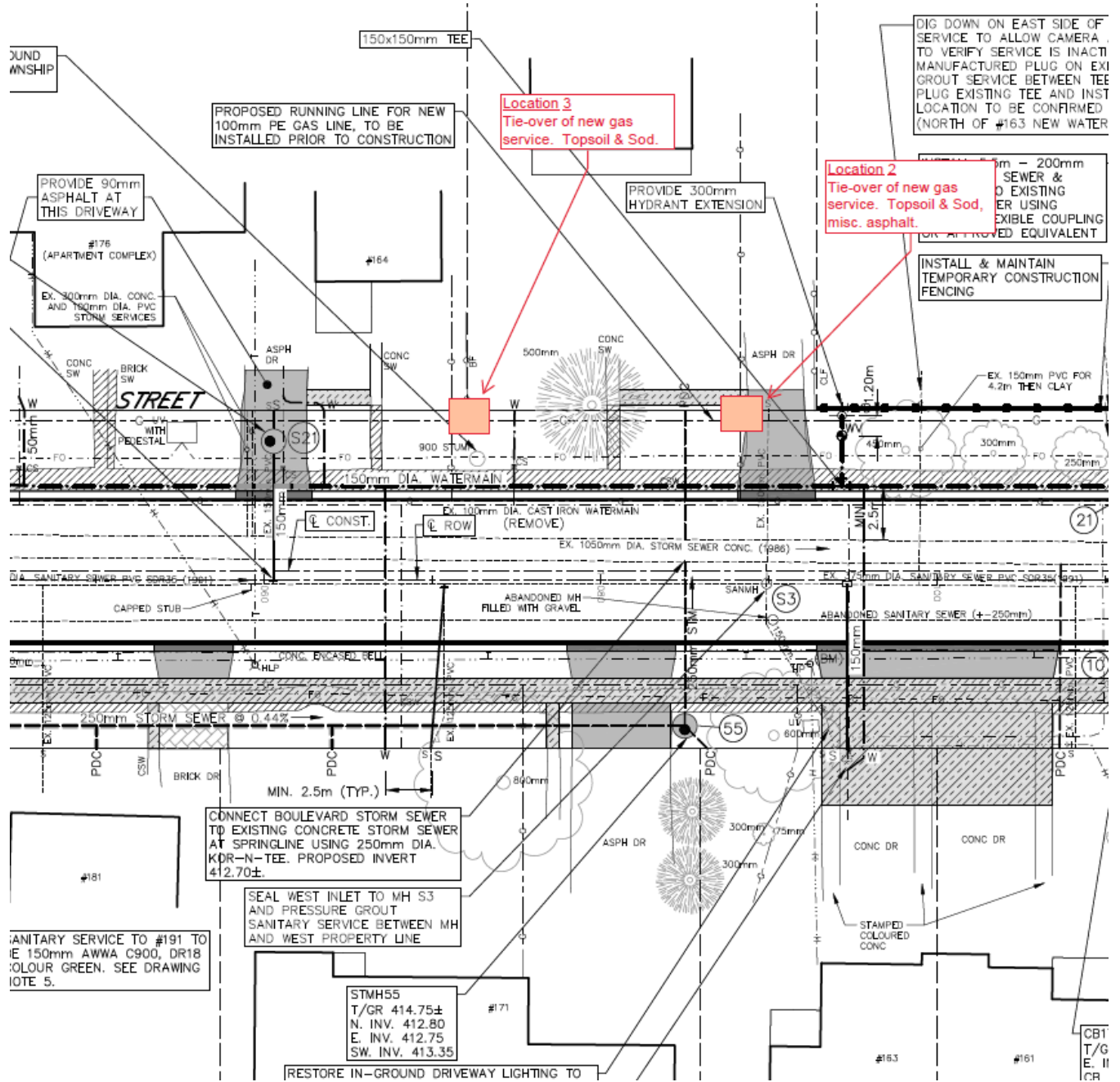
Depth Scale (m)	SOIL PROFILE			SAMPLES			Elevation Scale (m)	Penetration Test Values (Blows / 0.3m)		Moisture / Plasticity			Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value		Dynamic Cone	Undrained Shear Strength (kPa)	Plastic Limit	Natural Water Content	Liquid Limit			
0	415.2	GROUND SURFACE													
0.2	415.0	50mm ASPHALT		1	AS		415						PID: 0		
0.4	414.8	155mm GRANULAR BASE, sand and gravel, some silt, brown, crushed													
1		215mm GRANULAR SUB BASE, sand and gravel, trace silt, trace cobbles, brown		2	SS	27	414						PID: 0		
		FILL, sandy silt, some gravel, compact, brown, moist													
		...loose		3	SS	7	413						PID: 0		
2		...trace concrete pieces, dense		4	SS	44	412						PID: 0		
3	412.3	GRAVELLY SANDY SILT, dense, brown, moist		5	SS	46	411						PID: 0		
4	411.5	SAND AND GRAVEL, trace silt, trace cobbles, very dense, brown, moist		6	SS	50 / 150mm							PID: 0		
4.7	410.5	END OF BOREHOLE		7	SS	50 / 150mm							PID: 0		

Borehole was dry and open upon completion of drilling.

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## ENBRIDGE RESTORATION – LOCATIONS 2-3





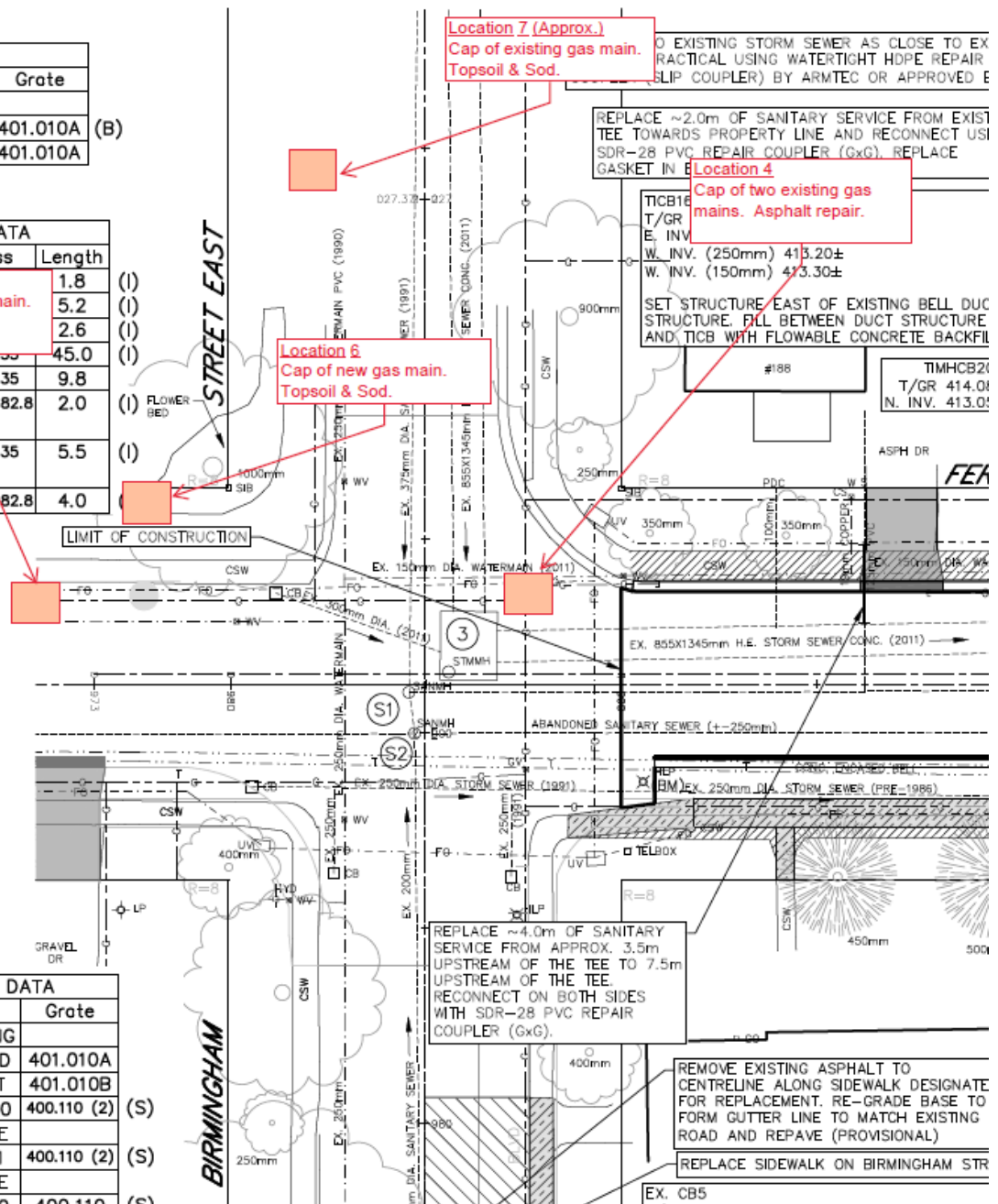
## ENBRIDGE RESTORATION – LOCATIONS 4-7

JITARY M.H. DATA			
ion	O/S	Desc.	Grate
39.1	RT	EXISTING	
40.5	LT	701.010	401.010A
49.9	RT	EXISTING	401.010A
BENCHED			

SEWER		DATA	
Size	Type	Class	Length
250	Location 5		1.8
300	Cap of existing gas main.		5.2
300	Asphalt repair.		2.6
250	PVC	SDR-35	45.0
250	PVC	SDR-35	9.8
300	HDPE	CSA B182.8	2.0
200	PVC	SDR-35	5.5
300	HDPE	CSA B182.8	4.0

INSULATE SEWER RUN

RM	M.H. &	C.B.	DATA
itation	O/S	Desc.	Grate
+991.1	LT	EXISTING	
+024.5	RT	REBUILD	401.010A
+028.3	LT	ADJUST	401.010B
+025.0	RT	705.020	400.110 (2)
+032.0	LT	REMOVE	
+032.0	RT	701.011	400.110 (2)
+041.0	LT	REMOVE	
+111.6	RT	705.010	400.110



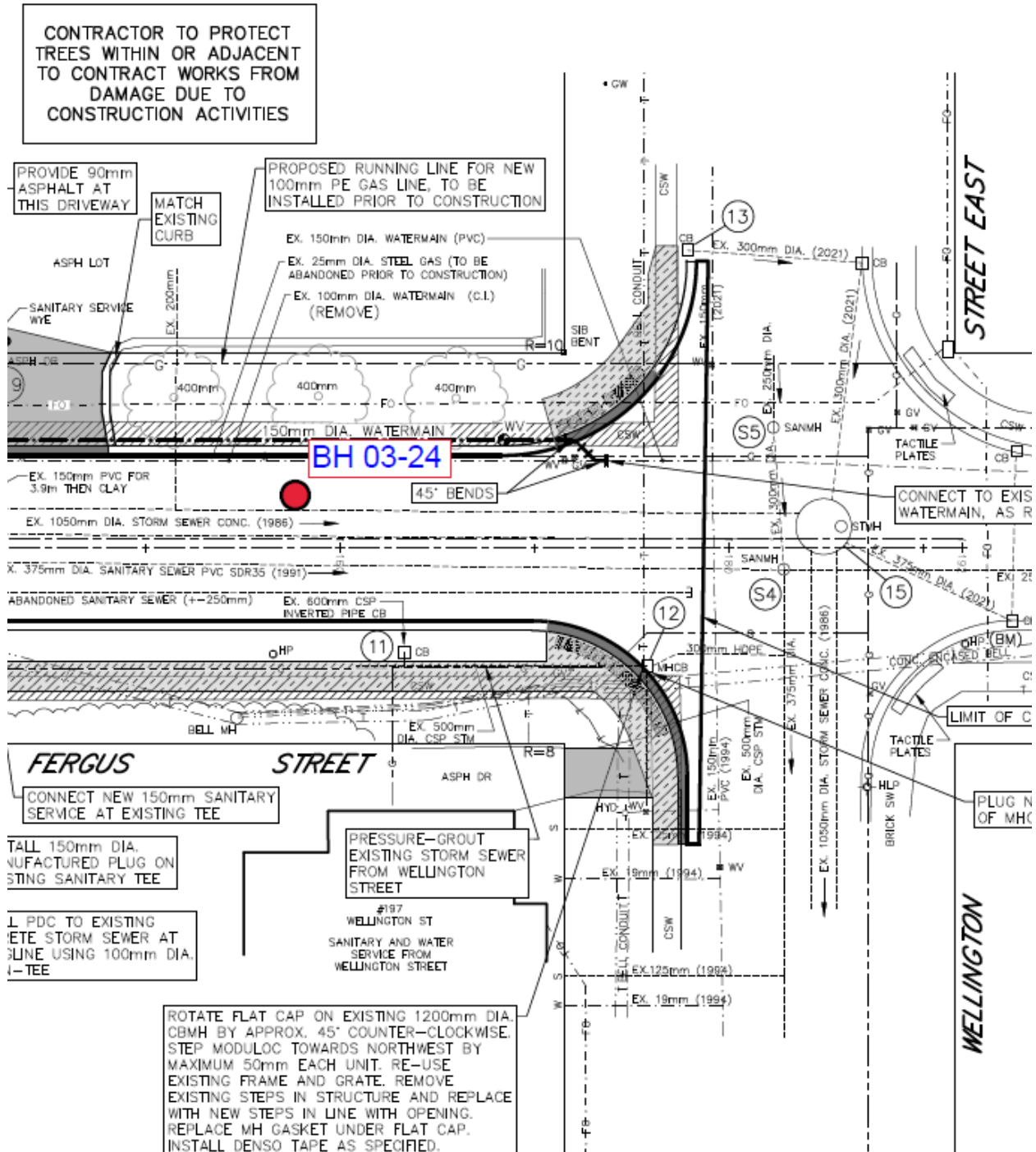
## BOREHOLE LOCATIONS (APPROXIMATE)

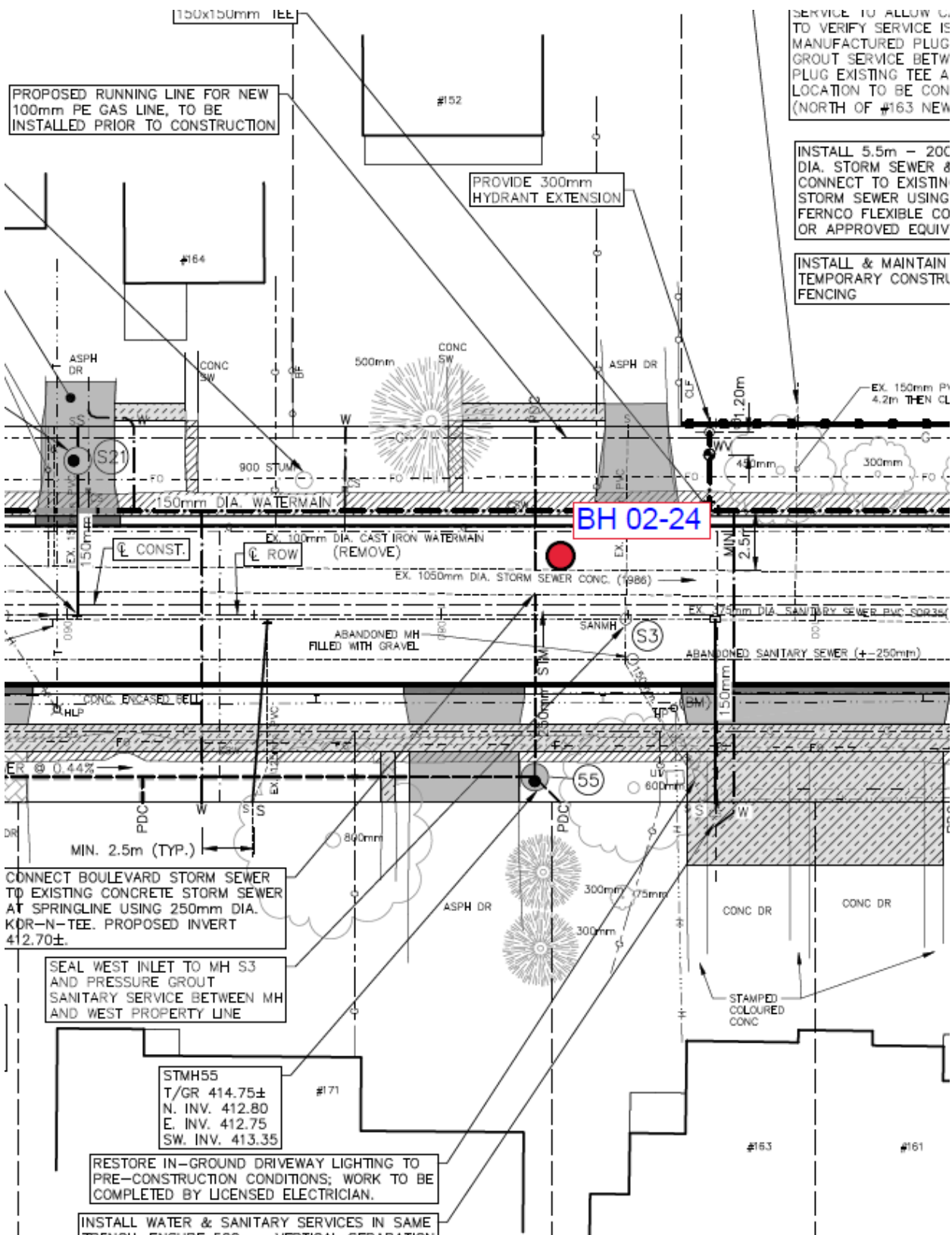
ARY M.H. DATA			
	O/S	Desc.	Grate
	LT	701.010	401.010A
	RT	EXISTING	

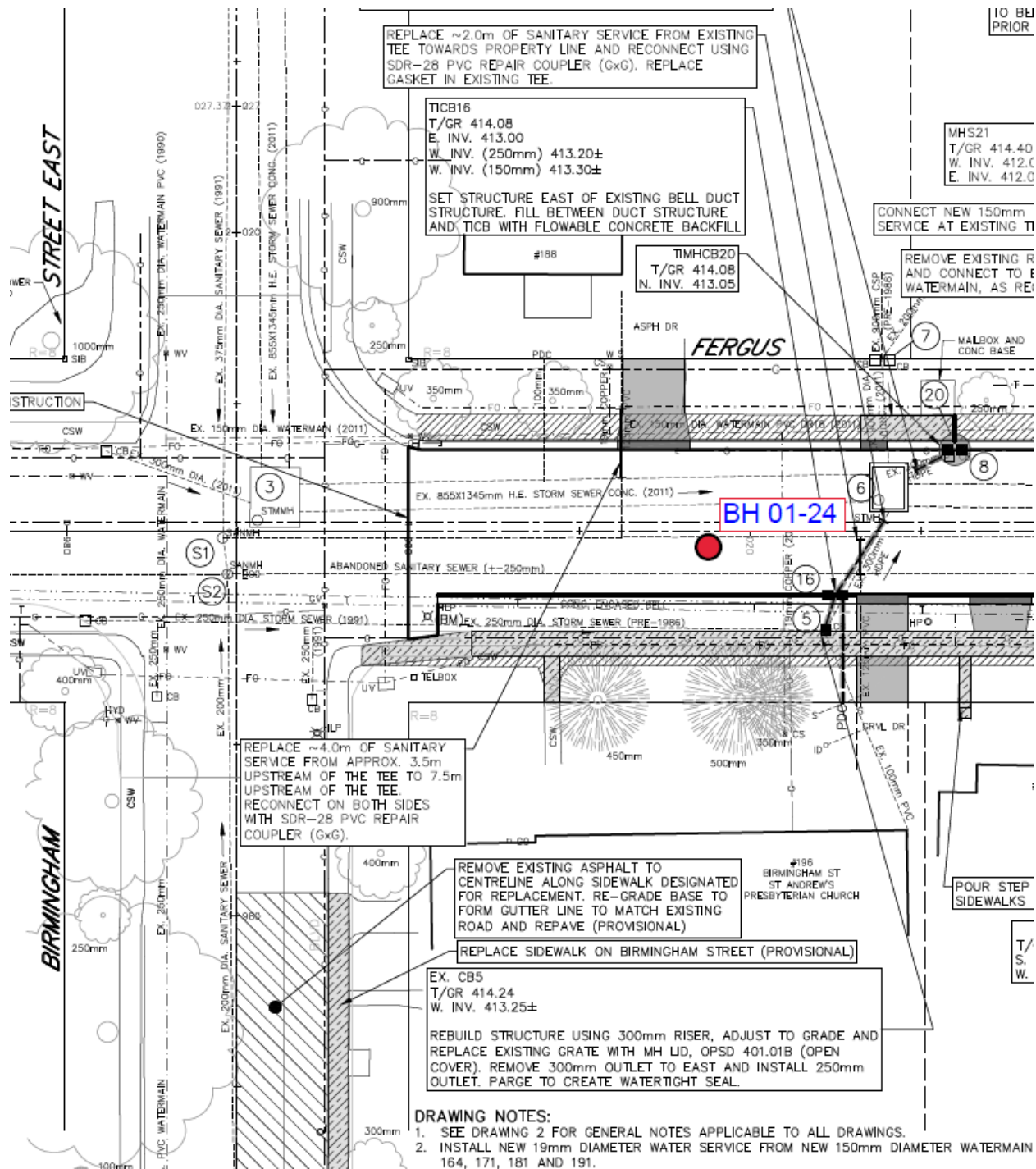
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DRAWING NOTES:

1. SEE THIS DRAWING FOR GENERAL NOTES APPLICABLE TO ALL DRAWINGS.
2. INSTALL NEW 19mm WATER SERVICE FROM NEW 150mm WATERMAIN TO PROPERTY LINE WATER SERVICE ON PRIVATE SIDE OF STREET LINE FOR HOUSE No. 101.
3. INSTALL NEW 150mm SANITARY SERVICE FROM EXISTING SERVICE TEE ON EXISTING 375mm SAN. MH S19.
4. INSTALL NEW 150mm SANITARY SERVICES FROM NEW SANITARY MH S19 AND CONNECT AS REQUIRED FOR BUILDING No. 116, GENERALLY AS SHOWN.
5. INSTALL NEW 100mm DIAMETER STORM SERVICE (PRIVATE DRAIN CONNECTION) AND MAR STORM SEWER AT SPRINGLINE, USING 'KOR-N-TEE' CONNECTOR, TO PROPERTY LINE AT







Item	Spec. #	Description	Qty. / Unit	Price	Amount
		b) Hot Mix Miscellaneous			
		i) 50 mm thick	190 m <sup>2</sup>	\$_____	\$_____
		ii) 90 mm thick (2 lifts)	110 m <sup>2</sup>	\$_____	\$_____
		c) Re-pave section of Birmingham Street indicated on drawings, base coat HL-4 and top coat HL-3 including regrading of granular base (Provisional)	1 L.S.		\$_____
6	408, SP	Adjust existing maintenance holes and catch basins	2 Ea.	\$_____	\$_____
7	408, SP	Rebuild existing catch basin No. 5	1 Ea.	\$_____	\$_____
8	407, SP	Supply maintenance hole covers and/or catch basin frame and grates			
		a) OPSD 401.010A	1 Ea.	\$_____	\$_____
		b) OPSD 401.010B	2 Ea.	\$_____	\$_____
9		N/A			
10	510, SP	Removal of existing maintenance holes and catch basins			
		a) Catch basins	5 Ea.	\$_____	\$_____
11	510, SP	Removal of concrete curb and gutter	8.5 m	\$_____	\$_____
12	353, SP	Concrete curb and gutter systems			
		a) Along roadway (machine form)	375 m	\$_____	\$_____
		b) Private curb (hand form)	12 m	\$_____	\$_____
13	510, SP	Removal of concrete sidewalk and drives	620 m <sup>2</sup>	\$_____	\$_____
14	351, SP	Place concrete sidewalk and drives			
		a) Sidewalks (125 mm)	230 m <sup>2</sup>	\$_____	\$_____
		b) Sidewalk (125 mm) on Birmingham identified on drawings (Provisional)	1 L.S.		\$_____
		c) Sidewalks (150 mm)	60 m <sup>2</sup>	\$_____	\$_____
		d) Sidewalks (200 mm)	50 m <sup>2</sup>	\$_____	\$_____



Item	Spec. #	Description	Qty. / Unit	Price	Amount
		e) Driveway Slab (150 mm)	130 m <sup>2</sup>	\$_____	\$_____
		f) House #161/163 stamped and coloured strips including restoration of in-ground driveway lighting by licensed electrician	1 L.S.		\$_____
15	351, SP	Supply and install detectable warning surfaces for pedestrian crossing			
		a) 0.6 x 0.6	20 Ea.	\$_____	\$_____
16	802, SP	Topsoil (imported)	1400 m <sup>2</sup>	\$_____	\$_____
17	803, SP	Sodding (nursery, unstaked)	1400 m <sup>2</sup>	\$_____	\$_____
18	SP	Place concrete steps	2 Ea.	\$_____	\$_____
19	355, 510, SP	Remove and relay brick driveway or sidewalk			
		a) Remove	12 m <sup>2</sup>	\$_____	\$_____
		b) Relay	8.7 m <sup>2</sup>	\$_____	\$_____
20	355, SP	Supply and place additional brick for House #181 driveway	2.5 m <sup>2</sup>	\$_____	\$_____
<b>Sub-Total Roadwork --</b>					<b>\$_____</b>

**STORM SEWERS**

21	401, 409, 410, 492, 517, SP	Supply, excavate for and place storm pipe sewers including bedding, granular backfill, couplers as indicated on drawings			
		a) 200 mm PVC SDR-35 from Structure 21 to east	5.5 m	\$_____	\$_____
		b) 250 mm PVC SDR-35 for boulevard sewer between Structure 54 and Structure 55	45 m	\$_____	\$_____
		c) 250 mm PVC SDR-35 for boulevard sewer between Structure 55 and existing sewer, including Kor-N-Tee at existing sewer	10 m	\$_____	\$_____

Item	Spec. #	Description	Qty. / Unit	Price	Amount
53	SP	Bonding and insurance	1 L.S.		\$_____
54	SP	Lump sum to cover all other requirements of the contract not specifically covered by or related to the preceding items			
	a)	Restoration for Enbridge Work	1 L.S.		\$_____
	b)	All other items	1 L.S.		\$_____
		<b>Sub-Total Miscellaneous Items --</b>			\$_____
		<b>Total Part 1 --</b>			\$_____

**PART 2 - TOP COAT PAVING (2025)****ROADWORK**

1-4		N/A			
5	310, 312, SP	Hot Mix Asphalt			
	a)	Hot Mix HL-3	170 t	\$_____	\$_____
6-8		N/A			
9	SP	Maintenance Hole Final Adjustment incl. cutting asphalt and raising to finished grade using pre-cast adjustment units	2 Ea.	\$_____	\$_____
10-20		N/A			
		<b>Sub-Total Roadwork --</b>			\$_____
21-37		N/A			

**PAVEMENT MARKING ITEMS**

38	710, SP	Pavement Markings			
	a)	On top coat asphalt, using durable thermoplastic markings			
	i)	Stop bars, 60 cm solid white	3 Ea.		\$_____
	ii)	Crosswalks (both lines) 10 cm solid white	3 Ea.		\$_____