



1071-2014 ADDENDUM 1

2014 SEWER RENEWALS BY CIPP LINING - CONTRACT NO.13

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: December 29, 2014
BY: Trevor Steffens C.E.T
TELEPHONE NO. (204) 986-2336

THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20130301

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

Replace: Table E2.3.6 with:

Table E2.3.6: Specific Design Conditions and Site Specific Repairs
Full Segment Renovations

Borden Av (Asset No. MA40011688)	1st MH N of Copeland St (Asset No. MH40010582) to MH at Dugald Rd (Asset No. MH40010583)
Size/Shape	250 mm
Material	Concrete
Total Length	113.2 m
Sewer Depth to Invert – maximum	4.36 m
Design Condition	
Partially Deteriorated 3%	
Site Specific Repairs	
Location	Required Action
Distance From MH40010582 3.5 – 4.5	Link Pipe Repair (To Be Done by Others)

Cote St (Asset No. MA50007729)	1st MH W of Archibald St (Asset No. MH50006036) to MH at Archibald St (Asset No. MH70019274)
Size/Shape	300 mm
Material	Concrete
Total Length	92.6 m
Sewer Depth to Invert – maximum	3.41 m
Design Condition	
Fully Deteriorated 10%	
Site Specific Repairs	
Location	Required Action
Distance From MH50006036	
11.5 – 15.0	External Point Repair (To Be Done by Others)
50.1	Remove intruding service @ 2:00

Deniset St (Asset No. MA50007713)	1st MH E of Evans St (Asset No. MH50006618) to 1st MH W of Archibald St (Asset No. MH50006619)
Size/Shape	300 mm
Material	Concrete
Total Length	76.8 m
Sewer Depth to Invert – maximum	3.62 m
Design Condition	
Fully Deteriorated 10%	
Site Specific Repairs	
Location	Required Action
Distance From MH50006618	
6.6	Remove intruding service @ 10:00
24.1	Solid debris removal, roots at joint from 8:00 to 4:00
26.5	Solid debris removal, roots at joint from 9:00 to 3:00
28.1	Solid debris removal, roots at joint from 1:00 to 3:00
30.4	Solid debris removal, roots at joint from 9:00 to 3:00
31.4	Solid debris removal, roots at joint at 3:00
33.4	Solid debris removal, roots at service from 7:00 to 10:00
46.2 – 50.1	

	External Point Repair (To Be Done by Others)

Despins St (Asset No. MA50003053)	MH at Louis Riel St (Asset No. MH) to (Asset No. MH)
Size/Shape	1200 mm
Material	Concrete
Total Length	93.2 m
Sewer Depth to Invert – maximum	4.87 m
Design Condition	
Fully Deteriorated 10%	

Site Specific Repairs	
Location	Required Action
Distance From MH	
10.9	Solid debris removal, encrustation at joint from 1:00 to 6:00
12.6	Solid debris removal, encrustation on pipe wall at 1:00
15.9	Solid debris removal, encrustation at joint from 10:00 to 11:00
23.1	Solid debris removal, encrustation at joint at 1:00
39.7	Solid debris removal, encrustation on pipe wall at 11:00
45.2	Solid debris removal, encrustation on pipe wall at 11:00
46.9	Solid debris removal, encrustation on pipe wall at 11:00
48.1	Solid debris removal, encrustation on pipe wall at 1:00
52.6	Solid debris removal, encrustation on pipe wall at 11:00
63.6	Remove intruding service @ 10:00
82.1	Solid debris removal, encrustation at joint from 1:00 to 5:00

Despins St (Asset No. MA50003110)	MH at Jeanne D’arc St (Asset No. MH50002580) to MH at Valade St (Asset No. MH50002633)
Size/Shape	1200 mm
Material	Concrete
Total Length	93.4 m
Sewer Depth to Invert – maximum	5.36 m
Design Condition	
Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	

Location	Required Action
Distance From MH50002580	
No preparatory work required	

Despins St (Asset No. MA70026767)	MH at Aneau St (WPL) (Asset No. MH50002578) to MH at Louis Riel St (Asset No. MH50002579)
Size/Shape	1200 mm
Material	Concrete
Total Length	86.6 m
Sewer Depth to Invert – maximum	4.83 m
Design Condition	
Fully Deteriorated 5%	

Site Specific Repairs	
Location	Required Action
Distance From MH50002578	
29.1	Solid debris removal, encrustation at service from 8:00 to 11:00
38.3	Solid debris removal, encrustation at service at 12:00
56.4	Solid debris removal, encrustation on pipe wall at 12:00
62.8	Solid debris removal, encrustation at service from 2:00 to 5:00
69.3	Solid debris removal, encrustation on pipe wall from 7:00 to 11:00
80.5	Solid debris removal, encrustation on pipe wall at 2:00
84.3	Remove intruding service @ 9:00
86.6	Solid debris removal, encrustation at service from 8:00 to 4:00

Despins St (Asset No. MA50003111)	MH at Valade St (Asset No. MH50002633) to MH at Tache Av (Asset No. MH50002634)
Size/Shape	1200 mm
Material	Concrete
Total Length	82.5 m
Sewer Depth to Invert – maximum	7.4 m
Design Condition	
Fully Deteriorated 10%	
Site Specific Repairs	
Location	Required Action

Distance From MH50002633	
7.8	Solid debris removal, encrustation at service from 2:00 to 5:00
14.5	Solid debris removal, encrustation on pipe wall from 12:00 to 4:00
17.5	Solid debris removal, encrustation on pipe wall from 1:00 to 4:00
30.1	Solid debris removal, encrustation at service from 2:00 to 5:00
39.6	Remove intruding service @ 9:00
51.8	Solid debris removal, encrustation at service from 9:00 to 11:00
80.7 – 82.5	Hole, Fill voids, patch concrete

Despins St (Asset No. MA50003137)	MH at Tache Av (EPL) (Asset No. MH50002634) to Node at Tache Av (W of CL) (Asset No. TE50000540)
Size/Shape	1200 mm
Material	Concrete
Total Length	8.0 m
Sewer Depth to Invert – maximum	7.4 m
Design Condition	
Fully Deteriorated 10%	
Site Specific Repairs	
Location	Required Action
Distance From MH	
0.1 – 2.8	Hole, Fill void from 4:00 to 8:00
7.7 – 8.0	Flow meter

Despins St (Asset No. MA50003138)	Node at Tache Av (E of CL) (Asset No. TE50000540) to Node at Tache Av (CL) (Asset No. TE368-0001)
Size/Shape	1200 mm
Material	Concrete
Total Length	4.0 m
Sewer Depth to Invert – maximum	7.47 m
Design Condition	

Fully Deteriorated 10%	
Site Specific Repairs	
Location	Required Action
Distance From TE50000540 0.1 – 4.0	Flow Meter

Dugald Rd (Asset No. MA50013659)	MH at Lagimodiere Bv (Asset No. MH50010945) to 1st MH W of Lagimodiere Bv (Asset No. MH50010947)
Size/Shape	1200 mm
Material	Concrete
Total Length	106.3 m
Sewer Depth to Invert – maximum	6.3 m
Design Condition Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010945 14.9 94.5	Solid debris removal, encrustation at service from 2:00 to 5:00 Solid debris removal, encrustation at service from 2:00 to 5:00

Dugald Rd (Asset No. MA50013660)	1st MH W of Lagimodiere Bv (Asset No. MH50010947) to MH at Holden St (Asset No. MH50010946)
Size/Shape	1200 mm
Material	Concrete
Total Length	106.5 m
Sewer Depth to Invert – maximum	6.46 m
Design Condition Fully Deteriorated 5%	
Site Specific Repairs	
Location	Required Action
Distance From MH50010947	

8.2	Solid debris removal, encrustation at service from 8:00 to 11:00

Dugald Rd (Asset No. MA50013658)	MH at Holden St (Asset No. MH50010946) to 1st MH W of Holden St (Asset No. MH50010842)
Size/Shape	1200 mm
Material	Concrete
Total Length	93.3 m
Sewer Depth to Invert – maximum	6.46 m
Design Condition	
Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010946 49.9	Solid debris removal, encrustation on pipe wall from 8:00 to 11:00

Dugald Rd (Asset No. MA50013523)	1st MH W of Holden St (Asset No. MH50010842) to 2nd MH W of Holden St (Asset No. MH50010843)
Size/Shape	1200 mm
Material	Concrete
Total Length	93.6 m
Sewer Depth to Invert – maximum	6.4 m
Design Condition	
Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010842 No preparatory work required	

Dugald Rd (Asset No. MA50013535)	2nd MH W of Holden St (Asset No.
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	MH50010832) to MH at Panet Rd (Asset No. MH50010844)
Size/Shape	1200 mm
Material	Concrete
Total Length	93.6 m
Sewer Depth to Invert – maximum	6.3 m
Design Condition	
Fully Deteriorated 5%	
Site Specific Repairs	
Location	Required Action
Distance From MH50010832	
28.0	Remove intruding service @ 2:00
70.7	Solid debris removal, encrustation at service from 1:00 to 5:00

Dugald Rd (Asset No. MA50013525)	MH at Panet Rd (Asset No. MH50010844) to 1st MH W of Panet Rd (Asset No. MH50010845)
Size/Shape	1200 mm
Material	Concrete
Total Length	92.1 m
Sewer Depth to Invert – maximum	6.03 m
Design Condition	
Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010844	
14.2	Solid debris removal, encrustation at service from 1:00 to 3:00

Dugald Rd (Asset No. MA50013529)	2st MH W of Panet Rd (Asset No. MH50010845) to 2nd MH W of Panet Rd (Asset No. MH50010846)
Size/Shape	1200 mm
Material	Concrete
Total Length	59.8 m
Sewer Depth to Invert – maximum	6.3 m

Design Condition Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010845 No preparatory work required	

Dugald Rd (Asset No. MA70011029)	2nd MH W of Panet Rd (Asset No. MH50010846) to 3rd 50010847 (Asset No. MH50010847)
Size/Shape	1200 mm
Material	Concrete
Total Length	94.0 m
Sewer Depth to Invert – maximum	6.3 m
Design Condition Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010846 10.7	Solid debris removal, encrustation at service at 10:00

Dugald Rd (Asset No. MA50013528)	3rd MH W of Panet Rd (Asset No. MH50010847) to MH at Turenne St (Asset No. MH50010836)
Size/Shape	1200 mm
Material	Concrete
Total Length	75.6 m
Sewer Depth to Invert – maximum	6.3 m
Design Condition Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50010847	

No preparatory work required	

Dugald Rd (Asset No. MA50013511)	MH at Turenne St (Asset No. MH50010836) to 1st MH W of Turenne St (Asset No. MH50010837)
Size/Shape	1350 mm
Material	Concrete
Total Length	97.1 m
Sewer Depth to Invert – maximum	6.25 m
Design Condition	
Fully Deteriorated 5%	
Site Specific Repairs	
Location	Required Action
Distance From MH50010836	
No preparatory work required	

Dugald Rd (Asset No. MA50013512)	MH at Turenne St (Asset No. MH50010836) to 1st MH W of Turenne St (Asset No. MH50010837)
Size/Shape	1350 mm
Material	Concrete
Total Length	96.8 m
Sewer Depth to Invert – maximum	6.41 m
Design Condition	
Fully Deteriorated 5%	
Site Specific Repairs	
Location	Required Action
Distance From MH	
No preparatory work required	

Dugald Rd (Asset No. MA50013513)	2nd MH W of Turenne St (Asset No. MH50013513) to Node at Dawson Rd (Asset No. MH50010838)
Size/Shape	1350 mm

Material	Concrete
Total Length	98.9 m
Sewer Depth to Invert – maximum	6.410 m
Design Condition	
Fully Deteriorated 5%	Debris (silt) entire length
Site Specific Repairs	
Location	Required Action
Distance From MH50013513	
No preparatory work required	

Giroux St (Asset No. MA50002502)	1st MH E of Dufresne Av (Asset No. MH50002109) to 2nd MH E of Dufresne Av (Asset No. MH50002110)
Size/Shape	300 mm
Material	Concrete
Total Length	97.3 m
Sewer Depth to Invert – maximum	4.64 m
Design Condition	
Partially Deteriorated 3%	Only 30 metres televised
Site Specific Repairs	
Location	Required Action
Distance From MH50002109	
30.6	Remove intruding service @ 2:00
30.9	Hole, line over

Giroux St (Asset No. MA50002501)	MH at Dufresne Av (Asset No. MH50002108) to 1st MH E of Dufresne Ave (Asset No. MH50002108)
Size/Shape	300 mm
Material	Concrete
Total Length	98.7 m
Sewer Depth to Invert – maximum	3.68 m
Design Condition	
Partially Deteriorated 5%	
Site Specific Repairs	
Location	Required Action

Distance From MH50002108	
17.2	Remove intruding service @ 10:00
17.7	Remove intruding service @ 2:00
27.2	Remove intruding service @ 10:00
36.2	Remove intruding service @ 2:00
38.1	Remove intruding service @ 10:00
46.3	Remove intruding service @ 10:00
58.6	Remove intruding service @ 2:00
62.1	Remove intruding service @ 2:00
68.4 – 69.2	Solid debris removal, roots on pipe wall from 9:00 to 3:00
76.9	Remove intruding service @ 2:00
85.7	Remove intruding service @ 2:00

Grey St (Asset No. MA40007545)	MH at Martin Av E (Asset No. MH40006906) to MH at Union Av E (Asset No. MH40006877)
Size/Shape	900 mm
Material	Concrete
Total Length	71.5 m
Sewer Depth to Invert – maximum	5.03 m
Design Condition	
Partially Deteriorated 5%	
Site Specific Repairs	
Location	Required Action
Distance From MH40006906	
7.1	Solid debris removal, encrustation on pipe wall from 8:00 to 10:00
7.9	Solid debris removal, encrustation on pipe wall from 1:00 to 5:00
12.5	Solid debris removal, encrustation at joint from 1:00 to 5:00
13.9	Solid debris removal, encrustation on pipe wall from 1:00 to 4:00
17.3	Solid debris removal, encrustation at service at 11:00
17.7	Solid debris removal, encrustation at joint from 1:00 to 5:00

23.3	Solid debris removal, encrustation at joint from 1:00 to 5:00
25.8	Solid debris removal, encrustation at service at 11:00
28.8	Solid debris removal, encrustation on pipe wall from 1:00 to 5:00
34.1	Solid debris removal, encrustation at service at 1:00
36.9	Solid debris removal, encrustation on pipe wall at 11:00
48.1	Solid debris removal, encrustation at service at 2:00
49.1	Solid debris removal, encrustation on pipe wall from 1:00 to 4:00

Grey St (Asset No. MA40007539)	MH at Union Av (Asset No. MH40006877) to MH at Chalmers Av (Asset No. MH40006873)
Size/Shape	900 mm
Material	Concrete
Total Length	80.6 m
Sewer Depth to Invert – maximum	5.05 m
Design Condition	
Partially Deteriorated 5%	

Site Specific Repairs	
Location	Required Action
Distance From MH40006877	
6.8 – 7.5	Hole, Fill void and patch hole
9.2	Solid debris removal, encrustation at service at 10:00
22.2	Solid debris removal, encrustation at service at 10:00
28.8	Solid debris removal, encrustation at service at 12:00
31.7	Solid debris removal, encrustation at joint from 9:00 to 10:00
37.9	Solid debris removal, encrustation at service at 10:00

Grey St (Asset No. MA40007525)	MH at Chalmers Av (Asset No. MH40006873) to 1st MH S of Chalmers Av (Asset No. MH40007512)
Size/Shape	900 mm
Material	Concrete
Total Length	38.5 m

Sewer Depth to Invert – maximum	5.05 m
Design Condition	
Partially Deteriorated 8%	
Site Specific Repairs	
Location	Required Action
Distance From MH40006873	
8.1	Solid debris removal, encrustation at service at 12:00

Jeanne D’Arc St (Asset No. MA50003037)	1st MH N of Dollard St (Asset No. MH50002584) to MH at Despins St (Asset No. MH50002580)
Size/Shape	450 mm
Material	Concrete
Total Length	121.5 m
Sewer Depth to Invert – maximum	4.58 m
Design Condition	
Fully Deteriorated 10%	
Site Specific Repairs	
Location	Required Action
Distance From MH50002584	
4.7	Remove intruding service @ 2:00
7.2	Solid debris removal, encrustation on pipe wall at 3:00
8.8	Solid debris removal, roots at service from 9:00 to 11:00
10.9	Solid debris removal, encrustation at joint from 8:00 to 10:00
12.0 – 13.1	Solid debris removal, encrustation on pipe wall from 8:00 to 3:00
14.7	Solid debris removal, encrustation at joint from 8:00 to 4:00
15.8	Solid debris removal, encrustation on pipe wall at 9:00
16.6	Solid debris removal, encrustation on pipe wall from 9:00 to 3:00
17.0	Solid debris removal, encrustation on pipe wall from 2:00 to 4:00
17.6	Solid debris removal, encrustation on pipe wall from 8:00 to 11:00
19.5	Solid debris removal, encrustation on pipe wall from 8:00 to 4:00
21.2	Solid debris removal, encrustation at service from 1:00 to 5:00
22.0	

23.9	Solid debris removal, encrustation on pipe wall from 7:00 to 9:00
32.0 – 34.0	Solid debris removal, encrustation at service from 8:00 to 11:00
35.0	Solid debris removal, encrustation on pipe wall from 7:00 to 2:00
37.1	Solid debris removal, encrustation on pipe wall from 8:00 to 5:00
39.0	Solid debris removal, encrustation on pipe wall from 5:00 to 11:00
39.9	Solid debris removal, encrustation on pipe wall from 7:00 to 12:00
41.6 – 45.5	Solid debris removal, encrustation on pipe wall from 10:00 to 2:00
51.0 – 52.0	Solid debris removal, encrustation on pipe wall from 7:00 to 11:00
54.1	Solid debris removal, encrustation on pipe wall from 8:00 to 2:00
57.4	Solid debris removal, encrustation on pipe wall from 2:00 to 3:00
59.4	Solid debris removal, encrustation on joint from 2:00 to 5:00
66.6 – 67.5	Solid debris removal, encrustation at joint from 2:00 to 5:00
69.8	Solid debris removal, encrustation on pipe wall from 8:00 to 4:00
76.2	Solid debris removal, encrustation on pipe wall from 3:00 to 5:00
76.2	Remove intruding service @ 2:00
85.1	Solid debris removal, encrustation at service from 2:00 to 5:00
90.3	Solid debris removal, encrustation at service from 8:00 to 10:00
	Solid debris removal, encrustation at joint at 11:00

Kent Rd (Asset No. MA40010862)	MH at Beach Av (Asset No. MH40009923) to Node at Talbot Av (Asset No. TE215-0020)
Size/Shape	750 mm
Material	Concrete/Clay tile
Total Length	74.5 m
Sewer Depth to Invert – maximum	5.99 m
Design Condition	
Partially Deteriorated 3%	
Site Specific Repairs	
Location	Required Action
Distance From MH40009923	
3.9	MC – Clay tile

Kent Rd (Asset No. MA40010507)	MH at Stapleton St (Asset No. MH40009478) to 1st MH E of Stapleton St (Asset No. MH40009533)
Size/Shape	300 mm
Material	Vitrified Clay
Total Length	91.9 m
Sewer Depth to Invert – maximum	3.18 m
Design Condition	
Partially Deteriorated 3%	
Site Specific Repairs	
Location	Required Action
Distance From MH40009478	
34.8 – 35.1	Solid debris removal, encrustation on pipe wall from 8:00 to 4:00
75.4 – 78.5	External Point Repair (To Be Done by Others)
81.9	Solid debris removal, encrustation on pipe wall from 8:00 to 5:00

Louis Riel (Asset No. MA50003054)	MH at Dollard Bv (Asset No. MH50002581) to 1st MH N of Dollard Bv (Asset No. MH50002582)
Size/Shape	300 mm
Material	Vitrified Clay
Total Length	117.7 m
Sewer Depth to Invert – maximum	2.88 m
Design Condition	
Partially Deteriorated 3%	
Site Specific Repairs	
Location	Required Action
Distance From MH50002581	
4.2	Solid debris removal, encrustation at joint at 6:00
61.0	Solid debris removal, roots at service at 4:00
69.8	Solid debris removal, roots at joint from 5:00 to 9:00
72.7	Solid debris removal, roots at service from 11:00 to 1:00
72.7	Remove intruding service @ 12:00

76.8	
77.7	Solid debris removal, roots at joint from 2:00 to 9:00
79.6	Solid debris removal, roots at joint from 2:00 to 9:00
81.4	Solid debris removal, roots at joint from 8:00 to 4:00
83.3	Solid debris removal, roots at joint from 8:00 to 4:00
84.1	Solid debris removal, roots at joint from 8:00 to 4:00
85.0	Solid debris removal, roots at joint from 8:00 to 5:00
85.9	Solid debris removal, roots at joint from 8:00 to 4:00
85.9 – 90.5	Solid debris removal, roots at joint from 8:00 to 12:00
92.1	Solid debris removal, roots at joint from 6:00 to 12:00
93.0	Solid debris removal, roots at joint at 3:00
100.1	Solid debris removal, roots at joint at 9:00
100.9	Solid debris removal, roots at joint from 3:00 to 11:00
101.9	Solid debris removal, roots at joint from 9:00 to 3:00
102.7	Solid debris removal, roots at joint from 8:00 to 3:00
103.6	Solid debris removal, roots at joint from 8:00 to 4:00
104.7	Solid debris removal, roots at joint from 8:00 to 4:00
106.5	Solid debris removal, roots at joint from 9:00 to 4:00
107.4	Solid debris removal, roots at joint from 8:00 to 4:00
108.3	Solid debris removal, roots at joint from 8:00 to 4:00
109.2	Solid debris removal, roots at joint from 8:00 to 3:00
110.2	Solid debris removal, roots at joint from 8:00 to 4:00
111.2	Solid debris removal, roots at joint from 8:00 to 3:00
111.3	Solid debris removal, roots at joint from 8:00 to 3:00
111.5	Solid debris removal, roots at service at 3:00
111.8	Solid debris removal, roots at joint from 8:00 to 4:00
113.6	Solid debris removal, roots at joint from 8:00 to 4:00
114.4	Solid debris removal, roots at joint from 8:00 to 4:00
	Solid debris removal, roots at joint at 4:00

McMeans Av E (Asset No. MA40009351)	MH at Heatherbloom Rd (Asset No. MH40008489) to 1st MH W of Northcliffe Dr (Asset No. MH40008491)
Size/Shape	250 mm
Material	Concrete
Total Length	105.3 m
Sewer Depth to Invert – maximum	3.78 m
Design Condition	
Partially Deteriorated 5%	
Site Specific Repairs	
Location	Required Action
Distance From MH40008489 44.6	Solid debris removal, encrustation at service from 2:00 to 4:00

Tremblay St (Asset No. MA50002588)	1st MH W of Evans St (Asset No. MH50002186) to MH at Evans St (Asset No. MH50002187)
Size/Shape	300 mm
Material	Vitrified Clay
Total Length	112.50 m
Sewer Depth to Invert – maximum	3.52 m
Design Condition	
Partially Deteriorated 8%	
Site Specific Repairs	
Location	Required Action
Distance From MH50002186 48.2 99.8 100.9 105.3 106.2 106.9 107.6 109.4	Solid debris removal, encrustation at service at 2:00 Solid debris removal, roots at joint at 2:00 Solid debris removal, encrustation at service at 10:00 Solid debris removal, roots at joint at 10:00 Solid debris removal, roots at joint at 10:00 Solid debris removal, roots at joint at 2:00 Solid debris removal, roots at joint at 2:00 Solid debris removal, roots at joint at 3:00

Tremblay St (Asset No. MA50002589)	MH at Evans St (Asset No. MH50002187) to 1st MH E of Evans St (Asset No. MH50002188)
Size/Shape	300 mm
Material	Vitrified Clay
Total Length	107.5 m
Sewer Depth to Invert – maximum	3.67 m
Design Condition	
Fully Deteriorated 10%	

Site Specific Repairs	
Location	Required Action
Distance From MH50002187	
16.5 – 22.0	External Point Repair (To Be Done by Others)
27.1	Solid debris removal, roots at service at 2:00
29.2	Solid debris removal, roots on pipe wall at 3:00
30.3	Solid debris removal, roots at joint at 9:00
30.9	Solid debris removal, roots at joint at 9:00
40.4	Remove intruding service @ 2:00
49.0	Solid debris removal, encrustation at service at 3:00

Tremblay St (Asset No. MA50002590)	1st MH E of Evans (Asset No. MH50002188) to MH at Archibald St (Asset No. MH50002189)
Size/Shape	300 mm
Material	Vitrified Clay
Total Length	101.7 m
Sewer Depth to Invert – maximum	4.21 m
Design Condition	
Fully Deteriorated 10%	

Site Specific Repairs	
Location	Required Action
Distance From MH50002188	
41.5 – 50.0	External Point Repair

	(To Be Done by Others)

Revise: E6.1 to read:

Further to Section 3.7 of CW 1130 of the General Requirements the Contractor shall be responsible to redirect and maintain traffic with appropriate signing in accordance with The City of Winnipeg, "Manual of Temporary Traffic Control in Work Areas on City Streets at all times during construction as follows.

(a) Residential Streets

(i) Maintain at least one lane of traffic, street may signed as "Road Closed - Local Access Only".

Delete: E6.6

Delete: E6.7