APPENDIX 'A'

HOST PIPE CONDITIONS AND INSPECTIONS

2025 Sewer Renewals by CIPP Lining - Contract 1
Tender No. 1005-2025
Appendix A - Host Pipe Conditions and Inspections

Sewer Details																Pre-Lining Prep Work																		Required CCTV Inspections					
					Manholes					Size								Removal of Intruding Service Connections		Solid Debris / Other				Roots and Grease Removal		External Point Repairs (EPR)			Sewer Service Repairs (SSR)		General Observations							
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Upstream	Depth (m)	Downstream	Depth (m)	Length (m)	Height (mm)	Width (mm)	Shape	Flow Type	Material	Total # of Sewer Services	Estimated # Sewer Service Reinstatements	Quantity (each)	Description	1st 3m (each)	>3 m (m)	Joints (each)	Description	Quantity (each)	Description	EPR (<=3.0m) (each)	EPR (>3.0m) (m)	Description	SSR (<1.0m) (each)	Description	Description	Pre-Repair	Pre-Design	Pre-Lining	Post-Lining	Post-Design	Warranty
S-MA20016753	13717	3	BALMORAL ST	1ST MH S OF SARGENT AV TO MH AT QU'APPELLE AV	MH20015110	4.35	MH20015059	4.86	79.5	375	375	circular	CS	VC	16	16	2	13.3 M TBI @ 3 DS; 77.1 M TBI @ 1 DS	1			5.6 M DAE @ 9 DS; 42.3 M DAE @ 9 DS; 74.9 M DAE @ 3 DS;						1	2.4 DS PROVISIONAL SSR @ 2:00	2.4 DS CX @ 2:00 [SSR REQ'D];	Yes	No	Yes	Yes	No	TBD
S-MA40003385	13718	4	BEATRICE ST	1ST MH S OF COBOURG AV TO MH AT COBOURG AV	MH40006466	2.89	MH40003090	3.04	43.5	300	300	circular	CS	CONCRETE	2	2			1			42.8 M DAE(I) @ 3-6 DS;									No	No	Yes	Yes	No	TBD
S-MA6018036	13719	5	BELAIR RD (S.LEG)	MH AT BELAIR RD(E.LEG) TO MH AT MARSHALL BY(W.LEG)	MH60015620	2.30	MH60015613	2.44	108.5	300	300	circular	LDS	CONCRETE	0	0			1	0.5	10	20.6 M DAE(J) @ 5 DS; 28.3 M DAE(J) @ 4-8 DS; 31.4 M DAE(J) @ 4 DS; 48.2 M DAE @ 4 DS; 48.4-49.4 M DAE @ 5 DS; 49.7 M DAE @ 8 DS; 51.4-51.7 M DAE @ 5 DS; 54.6 M DAE(J) @ 3-5 DS; 57.6 M DAE(J) @ 3-5 DS; 86.9 M DAE(J) @ 5-7 DS; 99.2 M DAE(J) @ 5-7 DS; 100.0 M DAE(J) @ 7 DS; 103.1 M DAE(J) @ 6 DS; 105.5 M DAE(J) @ 6 DS;	1	0.0-2.6 M DAGS @ 6-9 DS; 0.6 M RMJ @ 7 DS; 2.9 M RMJ @ 7 DS; 22.9 M RMJ @ 7 DS; 29.4-31.3 M DAGS @ 4&8 DS; 34.3-37.4 M DAGS @ 4&8 DS; 43.0 M RMJ @ 4 DS; 43.7 M RMJ @ 3 DS; 45.9 M RMJ @ 7 DS; 46.8 M RMJ @ 3&8 DS; 47.6 M RMJ @ 3 DS; 48.4 M RMJ @ 3 DS; 49.9 M RMJ @ 8 DS; 59.9 M RMJ @ 5-7 DS; 60.7 M RMJ @ 5-7 DS; 62.2 M RMJ @ 5-7 DS; 63.1 M RMJ @ 3-6 DS; 66.1 M RMJ @ 5-7 DS; 69.2 M RMJ @ 1 DS; 72.3 M RMJ @ 5-7 DS;									No	No	Yes	Yes	No	TBD
S-MA6000511	13720	6	BROCK ST	MH AT GRANT AV TO 1ST MH S OF GRANT AV	MH60004183	3.65	MH60004192	3.86	97.5	375	375	circular	CS	CONCRETE	10	10			1	4.4	7	6.2 M DAE(J) @ 4-8 DS; 23.2 M DAE(J) @ 7 DS; 24.0 M DAE(J) @ 7 DS; 24.8-28.4 M DAE @ 5-7 DS; 29.4 M DAE(J) @ 5-7 DS; 41.7-43.2 M DAE @ 5 DS; 51.2 M DAE(J) @ 5-7 DS; 53.5 M DAE(J) @ 5-7 DS; 55.8 M DAE(J) @ 5-7 DS; 87.1-87.4 M DAE @ 7-9 DS;									No	No	Yes	Yes	No	TBD
S-MA6000514	13721	7	BROCK ST	MH AT GRANT AV TO 1ST MH N OF GRANT AV	MH60004183	3.19	MH60004249	3.44	99.0	375	375	circular	CS	VC	16	16	3	3.6 M TBI @ 10 DS; 13.4 M TBI @ 2 DS; 86.4 M TBI @ 10 DS;	1		3	21.4 M DAE(J) @ 4 DS; 53.4 M DAE(J) @ 7 DS; 66.3 M DAE(J) @ 4 DS;		1	22.5 M RMC @ 2 DS; 24.1 M RMC @ 10 DS; 38.9 M RMJ @ 4 DS; 54.8 M RMJ @ 4 DS; 57.2 M RMJ @ 4 DS; 58.0 M RMJ @ 4 DS; 60.1 M RMJ @ 4 DS; 62.5 M RMJ @ 4 DS; 64.6 M RMJ @ 4 DS; 67.8 M RMJ @ 4 DS; 68.6 M RMJ @ 4 DS; 69.3 M RMJ @ 4 DS; 70.5 M RMC @ 9 DS; 70.9 M RMJ @ 4 DS; 73.8 M RMJ @ 8 DS; 79.9 M RMJ @ 8 DS; 82.9 M RMJ @ 4 DS; 93.1 M RMJ @ 4 DS;									No	No	Yes	Yes	No	TBD
S-MA6006579	13722	8	CARPATHIA RD. (S.LEG)	1ST MH E.OF KENASTON BV. TO MH AT CARPATHIA DR.	MH60005206	2.72	MH60004575	2.94	52.0	300	300	circular	CS	CONCRETE	1	1			1		3	20.8 M DAE(J) @ 5 DS; 37.2 M DAE(J) @ 7 DS; 41.8 M DAE(J) @ 4 DS;		1	4.4 M RMJ @ 5 DS; 10.2 M RMC @ 9 DS; 11.1 M RMC @ 4 DS; 13.8 M RMJ @ 12 DS; 16.9 M RMJ @ 1 DS; 31.8 M RMJ @ 12 DS; 45.8 M RMJ @ 4 DS; 48.9 M RMJ 11-1 DS; 49.0 M RMJ @ 10-2 DS;									No	No	Yes	Yes	No	TBD
S-MA40008893	13723	9	CHALMERS AV	1ST MH W OF ROCH ST TO 2ND MH W OF ROCH ST	MH40008101	2.85	MH40008099	3.38	101.5	300	300	circular	CS	CONCRETE / PVC	23	23	4	1.6 M TBI @ 10 DS; 67.1 M TBI @ 10 DS; 84.7 M TBI @ 3 DS; 96.2 M TBI @ 2 DS;	1		2	31.6 M DAE(J) @ 8-5 DS; 39.0 M DAE(J) @ 3 DS; 78.8-79.1 M DAE @ 4 DS;									No	No	Yes	Yes	No	TBD
S-MA50002509	13724	10	CHERRIER ST(I)	1ST MH W OF ARCHIBALD ST TO MH AT ARCHIBALD ST	MH50002116	3.43	MH50002117	4.19	29.0	300	300	circular	CS	CONCRETE	2	2	1	14.2 M TBI @ 2 DS	1	7	6	2.1-2.7 M DAE @ 8-4 DS; 6.5-7.1 M DAE @ 8-4 DS; 7.6-7.9 M DAE @ 8-10 DS; 8.6-9.7 M DAE @ 8-4 DS; 9.9 M DAE(J) @ 9 DS; 10.9 M DAE(J) @ 12-3 DS; 11.1-12.0 M DAE @ 9-5 DS; 12.3-12.6 M DAE @ 7-9 DS; 12.8 M DAE(J) @ 7-5 DS; 13.2-13.4 M DAE @ 11-5 DS; 13.7 M DAE(J) @ 3-9 DS; 14.0-14.6 M DAE @ 7-5 DS; 15.4 M DAE @ 7-10 DS; 16.3 M DAE @ 7-10 DS; 18.4 M DAE(J) @ 8-4 DS; 20.8-24.0 M DAE @ 7-5 DS; 25.7 M DAE(J) @ 9-11 DS;	1	29.0 M RMJ @ 12 DS;	1	0.0	0.0-1.9 DS EPR;			0.0-1.9 DS HVV & JOM - EPR REQ'D; REMOVE BROKEN PVC PIPE DEBRIS AT DS MH;	No	No	Yes	Yes	No	TBD
S-MA00009782	13725	11	CHURCH AV	1ST MH W MCGREGOR AV - MH @ MCGREGOR AV	MH00006349	3.86	MH00006343	4.76	100.5	450	450	circular	CS	VC	22	22			1	0.3	11	24.8 M DAE(J) @ 8-9 DS; 25.8 M DAE(J) @ 8-9 DS; 26.7 M DAE(J) @ 3 & 9 DS; 27.7 M DAE(J) @ 4 DS; 28.6 M DAE(J) @ 3 DS; 29.5 M DAE(J) @ 3 DS; 30.3 M DAE(J) @ 8 DS; 31.2 M DAE(J) @ 4-9 DS; 33.5 DAE(J) @ 8 DS; 34.5 M DAE(J) @ 9 DS; 44.9 M DAE(J) @ 9 DS;	1									No	No	Yes	Yes	No	TBD
S-MA40008567	13726	12	DEARBORN AV	MH AT LACY ST TO MH AT BRAZIER ST	MH40007930	2.06	MH40007802	3.74	86.0	300	300	circular	CS	PVC/CONCRETE	17	17			1		6	25.3-25.6 M DAE @ 7-12 DS; 32.8 M DAE(J) @ 8-5 DS; 33.9 M DAE(J) @ 7-5 DS; 44.6 M DAE(J) @ 4 DS; 46.5-46.9 M DAE @ 3-5 DS; 63.3 M DAE(J) @ 2-5 DS; 70.7 M DAE(J) @ 7-11 DS; 72.1 M DAE(J) @ 7-11 DS; 74.8-75.1 M DAE @ 3-5 DS;	1	22.1 M RMJ @ 9 DS; 23.3 M RMJ @ 8 DS; 27.7 M RMJ @ 8 DS; 37.0 M RMJ @ 4 DS; 37.6 M RMJ @ 8 DS; 45.2 M RMJ @ 8 DS; 52.5 M RMJ @ 11-1 DS;								25.4 DS TBI @ 10 - LAG BOLTS PRESENT; 57.3 DS TBI @ 10 - LAG BOLTS	No	No	Yes	Yes	No	TBD
S-MA50007462	13727	13	DES MEURONS AV	MH AT DUBUC ST TO 1ST MH S OF DUBUC ST	MH50006377	4.67	MH50006391	4.80	79.5	375	375	circular	CS	CONCRETE	6	6			1	10.5	17	2.6 M DAE @ 7-12 DS; 3.5 M DAE(J) @ 12.5 DS; 3.7-4.6 M DAE @ 8-12 DS; 5.9 M DAE(J) @ 1-4 DS; 6.9-7.3 M DAE @ 7-5 DS; 8.3 M DAE(J) @ 3-9 DS; 8.5-8.8 M DAE @ 7-11 DS; 9.8-10.4 M DAE @ 3-11 DS; 10.8-12.2 M DAE @ 8-4 DS; 13.3-13.7 M DAE @ 12-5 DS; 14.4-15.2 M DAE @ 12-5 DS; 15.9-16.6 M DAE @ 7-12 DS; 17.4-17.8 M DAE @ 7-12 DS; 18.7-20.1 M DAE @ 7-12 DS; 20.4-20.9 M DAE @ 7-5 DS; 21.6-22.1 M DAE @ 7-10 DS; 24.7-24.9 M DAE @ 7-1 DS; 25.5 M DAE @ 7-12 DS; 26.5 M DAE(J) @ 7 DS; 27.7 M DAE @ 7-12 DS; 28.1-28.5 M DAE @ 7-11 DS; 30.1-30.4 M DAE @ 7-11 DS; 31.3-32.0 M DAE @ 7-11 DS; 33.7 M DAE(J) @ 4-8 DS; 34.9 M DAE(J) @ 4-10 DS; 41.9 M DAE(J) @ 10-5 DS; 44.5-45.0 M DAE @ 9 DS; 46.6 M DAE(J) @ 4-8 DS; 47.9 M DAE(J) @ 4 DS; 49.1 M DAE(J) @ 7-10 DS; 50.4 M DAE(J) @ 4-10 DS; 55.1 M DAE(J) @ 2-8 DS; 56.4-56.7 M DAE @ 7-12 DS; 57.5 M DAE(J) @ 7-9 DS; 58.7 M DAE(J) @ 7-12 DS; 62.6 M DAE(J) @ 8 DS; 62.7 M DAE @ 3-5 DS; 64.9 M DAE(J) @ 7-9 DS; 78.3-78.8 M DAE @ 3-9 DS;									No	No	Yes	Yes	No	TBD
S-MA50007463	13728	14	DES MEURONS AV	1ST MH S OF DUBUC ST TO MH AT YARDLEY ST	MH50006391	4.74	MH50006392	5.31	79.5	375	375	circular	CS	CONCRETE	13	13			1	0.8	26	0.3 M DAE(J) @ 4 DS; 2.1 M DAE(J) @ 4 DS; 13.8 M DAE(J) @ 9-3 DS; 17.3 M DAE(J) @ 9 DS; 18.5 M DAE(J) @ 1-3 DS; 22.2 M DAE(J) @ 8-4 DS; 23.3 M DAE(J) @ 3 DS; 24.7 M DAE(J) @ 8-4 DS; 25.8 M DAE(J) @ 8-4 DS; 27.0 M DAE(J) @ 8-10 DS; 28.2 M DAE(J) @ 8-11 DS; 32.7-33.3 M DAE @ 1-5 DS; 36.5 M DAE(J) @ 7-10 DS; 37.6 M DAE(J) @ 7-5 DS; 38.8 M DAE(J) @ 7-5 DS; 40.1 M DAE(J) @ 7-5 DS; 41.2 M DAE(J) @ 12-5 DS; 42.4 M DAE(J) @ 3-5 DS; 47.5 M DAE(J) @ 3-9 DS; 48.5 M DAE(J) @ 7-10 DS; 52.3 M DAE(J) @ 3-5 DS; 53.5 M DAE(J) @ 7-9 DS; 54.7 M DAE(J) @ 4-8 DS; 58.3 M DAE(J) @ 7-10 DS; 59.5 M DAE(J) @ 7-5 DS; 66.8 M DAE @ 7-9 DS; 69.0 M DAE(J) @ 7-5 DS; 73.0 M DAE @ 4 DS; 75.1 M DAE(J) @ 3-5 DS; 77.9-78.9 M DAE @ 7-5 DS;	1	45.2 M RMC @ 11 DS;									No	No	Yes	Yes	No	TBD
S-MA50007464	13729	15	DES MEURONS AV	MH AT YARDLEY ST TO MH AT NIVERVILLE AV	MH50006392	5.31	MH50006393	5.79	81.0	375	375	circular	CS	CONCRETE	12	12			1	4.4	13	0.6 M DAE(J) @ 2-10 DS; 1.4-3.0 M DAE @ 2-5 DS; 4.8 M DAE @ 9-12 DS; 5.7-6.6 M DAE @ 7-2 DS; 8.0 M DAE(J) @ 4-8 DS; 8.6-8.9 M DAE @ 7-12 DS; 9.3 M DAE(J) @ 5 DS; 9.6-11.6 M DAE(J) @ 7-5 DS; 11.7 M DAE(J) @ 3-5 DS; 12.9 M DAE(J) @ 5 DS; 25.4 M DAE(J) @ 4 DS; 35.4 M DAE(J) @ 4 DS; 41.1 M DAE(J) @ 7-5 DS; 42.0 M DAE(J) @ 8-5 DS; 43.0 M DAE(J) @ 1-4 DS; 50.8 M DAE(J) @ 5 DS; 58.2 M DAE(J) @ 8-12 DS; 59.4-59.7 M DAE @ 8 DS; 78.8-79.0 M DAE @ 7-11 DS; 80.3 M DAE(J) @ 4 DS;	1	24.4 M RMC @ 11 DS;									No	No	Yes	Yes	No	TBD
S-MA70026779	13730	16	DUBUC ST	MH AT BRAEMAR AV(E.OF CL) TO MH AT BRAEMAR AV(CL)	MH70009322	5.89	MH50006389	6.42	4.0	450	450	circular	CS	CONCRETE	0	0							1	0.6-0.9 M DAGS @ 3 DS; 0.9 M DAGS(J) @ 9 DS; 2.6-3.3 DAGS @ 3&9 DS;									No	No	Yes	Yes	No	TBD
S-MA60017613	13731	17	EASEMENT(E OF SANDRA BY(E.LEG))	1ST MH N OF CRANE AV TO MH AT CRANE AV	MH60015231	2.24	MH60015238	2.91	122.5	300	300	circular	LDS	CONCRETE	0	0			1		9	0.6 M DAE(J) @ 4-8 DS; 19.5 M DAE(J) @ 6 DS; 25.9 M DAE(J) @ 6 DS; 33.3 M DAE @ 5 DS; 36 M DAE @ 6 DS; 46.8 M DAE(J) @ 5-7 DS; 58.7 M DAE(J) @ 6 DS; 66.0 M DAE(J) @ 6 DS; 83.4 M DAE(J) @ 6 DS; 84.3 M DAE(J) @ 6 DS; 122.0 M DAE(J) @ 4 DS;	1	3.0 M RMJ @ 5 DS; 3.9 M RMJ @ 5 DS; 4.8 M RMJ @ 6 DS; 13.9 M RMJ @ 6 DS; 14.9 M RMJ @ 6 DS; 15.8 M RMJ @ 6 DS; 16.7 M RMJ @ 6 DS; 17.6 M RMJ @ 5 DS; 19.5 M RMJ @ 5 DS; 34.1 M RMJ @ 5 DS; 51.4 M RMJ @ 5 DS; 59.6 M RMJ @ 5 DS; 62.4 M RMJ @ 5 DS;								20.8 DS OBM @ 6 - TO BE REMOVED PRIOR TO LINING	No	No	Yes	Yes	No	TBD
S-MA50002619	13732	18	EUGENIE ST(CL)	3RD MH E OF DES MEURONS-MH @ YOUVILLE ST	MH50002218	2.93	MH50002209	3.30	70.5	300	300	circular	CS	CONCRETE	5	5	3	6.4 M TBI @ 2 DS; 34.5 M TBI @ 2 DS; 54.9 M TBI @ 2 DS;	1	17.2	13	1.2-1.5 M DAE @ 7-10 DS; 2.3-3.3 M DAE @ 9-3 DS; 3.8-5.2 M DAE @ 8-4 DS; 5.4-5.7 M DAE @ 12-4 DS; 7.7-8.1 M DAE @ 8-5 DS; 9.4-9.9 M DAE @ 7-5 DS; 11.1-12.6 M DAE @ 7-4 DS; 12.9-13.5 M DAE @ 12-4 DS; 15.7-15.7 M DAE @ 7-5 DS; 16.7-20.3 M DAE @ 7-5 DS; 20.9 M DAE(J) @ 7-5 DS; 22.6 M DAE(J) @ 7-5 DS; 23.4-29.4 M DAE @ 8-4 DS; 30.2 M DAE(J) @ 8-4 DS; 31.0-33.3 M DAE @ 8-4 DS; 34.8 M DAE(J) @ 12-3 DS; 35.8 M DAE(J) @ 10 DS; 43.4 M DAE(J) @ 10-4 DS; 44.3 M DAE(J) @ 9-3 DS; 47.6 M DAE @ 2 DS; 49.0 M DAE(J) @ 10-2 DS; 50.7 M DAE(J) @ 9-3 DS; 51.7 M DAE(J) @ 2 DS; 52.6 M DAE(J) 10-2 DS; 60.1 M DAE(J) 10-2 DS; 62.0 M DAE(J) @ 10 DS;									No	No	Yes	Yes	No	TBD
S-MA20014634	13733	19	FURBY ST	2ND MH S OF PORTAGE AV TO 3RD MH S OF PORTAGE AV	MH20013216	3.32	MH20013212	3.55	35.0	300	300	circular	CS	VC	7	6			1	2.6	9	13.7-14.3M DAE @ 7-12 DS; 13.9M DAE @ 7-12 DS; 15.4 M DAE(J) @ 10 DS; 16.7 M DAE(J) @ 7-10 DS; 17.4-18.1 M DAE @ 2-5 DS; 18.0 M DAE(J) @ 9-12 DS; 18.5 M DAE(J) @ 12-3 DS; 18.7-19.0 M DAE @ 1-4 DS; 19.1 M DAE(J) @ 7-5 DS; 19.2-19.5 M DAE @ 2 DS; 20.4 M DAE(J) @ 9-3 DS; 21.0-21.5 M DAE @ 9-12 DS; 22.5-22.8 M DAE @ 3 DS; 22.7-23.0 M DAE @ 9 DS; 23.6 M DAE @ 9-12 DS; 24.4-24.8 M DAE @ 2 DS; 25.3 M DAE(J) @ 12-3 DS; 28.4 M DAE(J) @ 7-9 DS; 32.7 M DAE(J) @ 4 DS;	1	7.3 M DAGS @ 5 DS;							30.1 DS TBI @ 10 - LAG BOLTS PRESENT	No	No	Yes	Yes	No	TBD
S-MA70009101	13734	20	FURBY ST	4TH MH S OF SARGENT AV TO MH AT ELLICE AV	MH20014939	4.41	MH20014943	5.01	100.0	450	450	circular	CS	VC	12	12	3	21.3 M TBI @ 9 DS; 27.6 M TBI @ 2 DS; 41.1 M TBI @ 10 DS;	1		4	11.1-11.5 M DAE @ 7-10 DS; 17.6M DAE(J) @ 11 DS; 44.6 M OBJ @ 5 DS; 48.9 M DAE(J) @ 2 DS; 53.8 M DAE (J) @ 5 DS;		1	43.1 M RMC @ 2 DS;				1	8.1 DS SSR @ 1;	4.5 DS TBI @ 2 - LAG BOLTS PRESENT; 8.1 DS TBD @ 1:00 DS (SSR REQ'D); 23.6 DS TBI @ 10 - LAG BOLTS PRESENT	No	No	Yes	Yes	No	TBD
S-MA50006244	13735	21	HALLIDAY BY N.LEG	MH @ HALLIDAY BY ELEG - MH @ SPEERS RD	MH50005322	2.65	MH50005323	3.00	112.5	200	200	circular	WWS	CONCRETE	15	15	6	4.5 M TBI @ 12 DS; 9.1 M TBI @ 2 DS; 16.8 M TBI @ 10 DS; 33.1 M TBI @ 10 DS; 35.3 M TBI @ 2 DS; 99.2 M TBI @ 3 DS;	1	1.7	20	2.0 M DAE(J) @ 10 DS; 2.8 M DAE(J) @ 7-5 DS; 3.4 M DAE(J) @ 7-5 DS; 4.3-4.6 M DAE @ 7-1 DS; 7.8-8.6 M DAE @ 7-5 DS; 12.8 M DAE(J) @ 9-5 DS; 16.0-16.3 M DAE @ 3-5 DS; 16.7-17.0 M DAE @ 7-11 DS; 18.9 M DAE(J) @ 7-10 DS; 19.7 M DAE(J) @ 7-9 DS; 21.9-22.1 M DAE @ 7-11 DS; 24.3 M DAE(J) @ 7 DS; 29.0 M DAE(J) @ 7 DS; 29.4 M DAE(J) @ 7-5 DS; 33.1 M DAE @ 7-9 DS; 34.4 M DAE(J) @ 8 DS; 35.0-35.2 M DAE @ 9-12 DS; 42.5 M DAE @ 8 DS; 51.6 M DAE(J) @ 7-12 DS; 52.4 M DAE(J) @ 2-4 DS; 54.0 M DAE(J) @ 8-10 DS; 56.3 M DAE(J) @ 7-11 DS; 60.2 M DAE(J) @ 7-10 DS; 61.7 M DAE(J) @ 8 DS; 66.5 M DAE(J) @ 8-4 DS; 66.6-66.8 M DAE @ 4 DS; 69.6 M DAE(J) @ 8 DS; 83.5 M DAE(J) @ 2-5 DS; 93.8 M DAE @ 5 DS; 94.3 M DAE(J) @ 1-5 DS; 97.7 M DAE @ 2-5 DS;	1	5.1 M DAGS @ 7 DS; 96.3-96.7 M DAGS @ 12 DS;							8.0 DS HSV @ 3-9. LINE THROUGH	No	No	Yes	Yes	No	TBD
S-MA5000 6248	13736	22	HALLIDAY BY S LEG	MH AT HALLIDAY BY E LEG TO MH AT SPEERS RD	MH50005325	3.14	MH50005324	3.57	112.5	200	200	circular	WWS	CONCRETE	17	17	2	12.4 M TBI @ 12 US; 12.9 M TBI @ 12 US;	1	6.7	46	0.2 M DAE(J) @ 7-5 DS; 7.8 M DAE(J) @ 3 DS; 10.1 M DAE(J) @ 3-8 DS; 10.8 M DAE(J) @ 5 DS; 12.4 M DAE(J) @ 2-4 DS; 13.2 M DAE(J) @ 3-7 DS; 19.3 M DAE(J) @ 9 DS; 20.9 M DAE(J) @ 10 DS; 30.3 M DAE(J) @ 3 DS; 33.4 M DAE(J) @ 3-9 DS; 37.3 M DAE(J) @ 4-8 DS; 41.2 M DAE(J) @ 9 DS; 47.7 M DAE @ 9-11 DS; 52.8-53.0 M DAE @ 5-7 DS; 54.3 M DAE(J) @ 4 DS; 55.2 M DAE(J) @ 9 DS; 55.9 M DAE(J) @ 12-4 DS; 57.4 M DAE(J) @ 5 DS; 58.2 M DAE(J) @ 5-7 DS; 59.8 M DAE(J) @ 8 DS; 60.5 M DAE(J) @ 7 DS; 61.3 M DAE(J) @ 2-12 DS; 62.0 M DAE(J) @ 5-7 DS; 62.9-63.2 M DAE @ 5-7 DS; 66.9-67.2 M DAE @ 8-11 DS; 70.6 M DAE(J) @ 8 DS; 71.4 M DAE(J) @ 4 DS; 72.1 M DAE(J) @ 4-8 DS; 73.6 M DAE(J) @ 4-9 DS; 74.4 M DAE(J) @ 8 DS; 76.1 M DAE(J) @ 7-10 DS; 79.1 M DAE(J) @ 8-11 DS; 79.4 M DAE @ 4-8 DS; 79.9-80.2 M DAE @ 2-10 DS; 82.2-82.5 M DAE(J) @ 2-10 DS; 82.9 M DAE(J) @ 8 DS; 83.3 M DAE @ 7-11 DS; 86.3 M DAE(J) @ 7-5 DS; 86.8 M DAE(J) @ 3-9 DS; 87.6 M DAE(J) @ 3-9 DS; 88.4 M DAE(J) @ 12-3 DS; 90.0-92.4 M DAE @ 8-4 DS; 92.8-93.1 M DAE @ 12-4 DS; 93.8-94.8 M DAE @ 7-5 DS; 5.6 M DAE(J) @ 8-10 US; 6.9-7.3 M DAE @ 7-5 US; 7.6 M DAE @ 7-5 US; 7.9 M DAE(J) @ 7-5 US; 8.7 M DAE(J) @ 7-5 US; 9.7-10.0 M DAE @ 7-12 US; 10.3 M DAE(J) @ 2-5 US; 11.2 M DAE(J) @ 7-4 US; 11.8 M DAE(J) @ 7-11 US; 12.3 M DAE @ 4-8 US; 12.6 M DAE(J) @ 2-5 US; 13.3 M DAE(J) @ 7-12 US; 14.1 M DAE(J) @ 7-5 US; 14.8 M DAE(J) @ 7-5 US; 15.6 M DAE(J) @ 7-5 US; 15.7-17.1 M DAE @ 12 US; 16.4 M DAE(J) @ 8-5 US; 17.2 M DAE(J) @ 7-5 US;					1	0.0	93.0-95.0 DS PROVISIONAL EPR;			93.0-95.0 DS HSV @ 6:00 LINE THROUGH IF POSSIBLE (PROVISIONAL EPR IF REQ'D)	Yes	No	Yes	Yes	No	TBD
S-MA40008936	13737	23	HARBISON AV W	1ST MH W OF ROCH ST TO 2ND MH W OF ROCH ST	MH40008136	3.53	MH40008147	3.89	102.0	300	300	circular	CS	CONCRETE	27	27	3	0.6 M TBI @ 8 DS; 21.2 M TBI @ 10 DS; 22.0 M TBI @ 2 DS;													No	No	Yes	Yes	No	TBD
S-MA40013684	13738	24	HARVARD AV W	MH AT WINONA ST TO 1ST MH W OF BOND ST	MH40012497	1.65	MH40012395	4.21	87.0	200	200	circular	WWS	CONCRETE / VC	9	9	1	74.9 M TBI @ 3 US;	1	0.4	6	19.3 M DAE(J) @ 7-5 US; 23.6 M DAE(J) @ 12 US; 27.0 M DAE @ 1-5 US; 27.6-28.2 M DAE @ 7-5 US; 28.4 M DAE(J) @ 2-5 US; 33.3 M DAE(J) @ 12-3 US; 40.5 M DAE(J) @ 12-3 US; 57.2-57.9 M DAE @ 8-4 US; 12.6 M DAE(J) @ 7-12 DS;	1	5.3 M DAGS @ 11 US; 5.6-10.3 M DAGS @ 8-4 US; 15.9-17.9 M DAGS @ 8-4 US; 25.9 RMJ @ 8-4 US; 47.5 M RMJ @ 8-4 US; 48.3 M RMJ 9-3 US; 49.5 M RMJ @ 9-3 US; 50.7 M RMJ @ 9 US; 53.3 M RMJ @ 9 US;	2	0.0	26.7-28.4 US PROVISIONAL EPR; 59.3-60.5 US EPR W/ 1 SERVICE CONNECTION			27.7-28.2 US HSV @ 12 - LINE THROUGH (PROVISIONAL EPR IF REQ'D); 60.0 US JOM (EPR REQ'D);	Yes	No	Yes	Yes	No	TBD
S-MA50007504	13739	25	HILL ST.	1ST MH S.OF DUBUC ST. TO 2ND MH S.OF DUBUC ST.	MH50006430	5.95	MH50006431	5.99	75.5	450	450	circular	CS	CONCRETE	14	14	5	2.3 M TBI @ 11 DS; 29.9 M TBI @ 11 DS; 35.1 M TBI @ 1 DS; 35.5 M TBI @ 11 DS; 55.0 M TBI @ 11 DS;	1	1.7	4	10.5-11.1 M DAE @ 7-11 DS; 15.5 M DAE(J) @ 2-4 DS; 18.7-19.4 M DAE @ 8-4 DS; 29.9-30.2 M DAE @ 9-3 DS; 37.8 M DAE(J) @ 7-5 DS; 46.4-46.8 M DAE @ 7-12 DS; 57.4 M DAE(J) @ 1-4 DS; 62.2 M DAE(J) @ 7-5 DS; 69.8-70.1 M DAE @ 8-1 DS;	1	2.3 M RMC @ 11 DS; 2.6 M RMC @ 1 DS; 11.9 M RMJ @ 10 DS; 23.6-24.6 RMB @ 9-3 DS; 26.8-27.6 RMB @ 9 DS;									No	No	Yes	Yes	No	TBD
S-MA50007505	13740	26	HILL ST.	2ND MH S.OF DUBUC ST. TO MH AT NIVERVILLE AV	MH50006431	5.99	MH50006432	6.29	84.0	450	450	circular	CS	CONCRETE	12	12	5	16.4 M TBI @ 11 DS; 43.6 M TBI @ 11 DS; 60.3 M TBI @ 11 DS; 69.1 M TBI @ 11 DS; 70.9 M TBI @ 1 DS;	1	10.8	6	11.3-13.2 M DAE @ 7-5 DS; 15.2-18.4 M DAE @ 7-5 DS; 19.0 M DAE(J) @ 7-5 DS; 19.9-21.0 M DAE @ 7-5 DS; 21.8 M DAE(J) @ 2-4 DS; 22.7 M DAE(J) @ 2-5 DS; 23.5-24.7 M DAE @ 7-5 DS; 55.3 M DAE(J) @ 9 DS; 58.2 M DAE(J) @ 7-5 DS; 58.3-58.9 M DAE @ 7-11 DS; 60.5-61.0 M DAE @ 7-5 DS; 62.9-64.4 M DAE @ 7-5 DS; 66.3-67.3 M DAE @ 7-5 DS; 68.4-68.9 M DAE @ 7-5 DS; 72.1 M DAE(J) @ 7-5 DS; 73.6-73.9 M DAE @ 9-12 DS;	1	32.1 M RMC @ 2 DS; 45.1 M RMC @ 2 DS;									No	No	Yes	Yes	No	TBD
S-MA50004191	13741	27	HILLCREST AV	1ST MH S OF NIVERVILLE AV TO MH AT CATON ST	MH50003649	4.58	MH50003650	4.29	111.5	375	375	circular	CS	CONCRETE	16	16	5	65.5 M TBI @ 10 DS; 74.0 M TBI @ 1 DS; 86.2 M TBI @ 2 DS; 95.0 M TBI @ 2 DS; 101.5 M TBI @ 10 DS;	1	64.1	6	0.6-4.8 M DAE @ 3-9 DS; 6.2-6.6 M DAE @ 3-9 DS; 7.9 M DAE(J) @ 4 DS; 8.3-9.1 M DAE @ 3-9 DS; 9.5-12.6 M DAE @ 7-5 DS; 15.1-17.5 M DAE @ 8-4 DS; 20.8-25.0 M DAE @ 9-3 DS; 26.3-28.4 M DAE @ 8-4 DS; 30.1-31.2 M DAE @ 9-12 DS; 32.3-34.0 M DAE @ 8-4 DS; 36.6-38.0 M DAE @ 8 DS; 39.4-40.4 M DAE @ 8-4 DS; 41.4 M DAE(J) @ 7-5 DS; 42.3 M DAE(J) @ 8 DS; 42.7-49.0 M DAE @ 8-4 DS; 50.7 M DAE(J) @ 8-12 DS; 51.7-55.2 M DAE @ 7-5 DS; 57.8-59.0 M DAE @ 9-3 DS; 61.7-70.5 M DAE @ 8-4 DS; 72.9-74.5 M DAE @ 8-4 DS; 76.0-82.0 M DAE @ 8-4 DS; 85.1 M DAE(J) @ 9 DS; 90.7-92.0 M DAE @ 8-4 DS; 93.4 M DAE(J) @ 8-11 DS; 94.4-98.2 M DAE @ 8-4 DS; 99.4-109.5 M DAE @ 8-4 DS;	1	109.6-110.2 M DAGS @ 7 DS;									No	No	Yes	Yes	No	TBD

2025 Sewer Renewals by CIPP Lining - Contract 1
Tender No. 1005-2025
Appendix A - Host Pipe Conditions and Inspections

Sewer Details																Pre-Lining Prep Work																		Required CCTV Inspections					
					Manholes					Size								Removal of Intruding Service Connections		Solid Debris / Other				Roots and Grease Removal		External Point Repairs (EPR)			Sewer Service Repairs (SSR)		General Observations							
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Upstream	Depth (m)	Downstream	Depth (m)	Length (m)	Height (mm)	Width (mm)	Shape	Flow Type	Material	Total # of Sewer Services	Estimated # Sewer Service Reinstatements	Quantity (each)	Description	1st 3m (each)	>3 m (m)	Joints (each)	Description	Quantity (each)	Description	EPR (<=3.0m) (each)	EPR (>3.0m) (m)	Description	SSR (<1.0m) (each)	Description	Description	Pre-Repair	Pre-Design	Pre-Lining	Post-Lining	Post-Design	Warranty
S-MA50002632	13742	28	HORACE ST	1ST MH W OF YOUVILLE ST TO MH AT YOUVILLE ST	MH50002230	3.63	MH50002219	4.16	108.5	300	300	circular	CS	CONCRETE	9	9			1			63.4-63.7 DAE @ 7-9 DS;	1	2.6 M RBC @ 10 DS; 24.8-33.8 M DAGS @ 5 & 7 DS; 38.4-44.3 DAGS @ 4 & 8 DS; 46.3-53.3 M DAGS @ 4 & 8 DS;						64.3 DS OBJ (TO BE REMOVED); 99.2 DS DSZ (TO BE REMOVED);	No	No	**Yes**	**Yes**	No	TBD
S-MA00012028	13743	29	KILDARROCH ST.	1ST MH N.OF MOUNTAIN AV. TO MH AT MOUNTAIN AV.	MH00010398	3.84	MH00010392	4.49	108.5	300	300	circular	CS	VC	19	19			1		3	2.3 M DAE(J) @ 7-11 DS; 4.8 M DAE @ 5 DS; 6.4-6.7 M DAE @ 5 DS; 84.9 M DAE(J) @ 8-4 DS; 85.7 M DAE(J) @ 8 DS; 99.3-99.7 M DAE @ 7-11 DS;													No	No	**Yes**	**Yes**	No	TBD
S-MA60022542	13744	30	LA GRAVE ST	1ST MH N OF LORD AV TO MH AT LEMAY AV	MH60018915	1.97	MH60018886	2.05	95.5	375	375	circular	LDS	CONCRETE	0	0			1			69.7-70.0 DAE @ 5 DS;	1	41.1 M RMJ @ 5 DS; 43.4 M RMJ @ 5-7 DS; 44.9 M RMJ @ 4 DS; 46.5 M RMJ @ 4 DS; 56.6 M RMJ @ 7 DS; 57.3 M RMJ @ 7 DS; 92.3 M RMJ @ 6 DS; 93.6 M RMJ @ 5-7 DS; 94.3 M RMJ @ 6 DS;													No	No	**Yes**	**Yes**	No	TBD
S-MA20018441	13745	31	LANGSIDE ST	MH AT NOTRE DAME AV(SPL) TO 1ST MH S OF NOTRE DAME AV	MH20016576	2.56	MH20016509	2.97	97.0	300	300	circular	CS	VC	18	18	2	31.4 M TBI @ 10 DS; 78.1 M TBI @ 2 DS;	1	4	11	9.7 M DAE @ 6 DS; 12.0-14.2 M DAE @ 6 DS; 15.4 M DAE @ 7 DS; 16.0 M DAE @ 4 DS; 20.3 M DAE @ 8 DS; 22.2 M DAE @ 8 DS; 22.5 M DAE @ 8 DS; 25.2 M DAE @ 4 DS; 32.1 M DAE(J) @ 3 DS; 32.5 M DAE @ 2-5 DS; 32.9 M DAE(J) @ 5 DS; 36.5 M DAE (J) @ 4 DS; 39.4-39.7 M DAE @ 4 DS; 44.0 M DAE(J) @ 8-3 DS; 45.8 M DAE @ 7 DS; 46.8 M DAE @ 8 DS; 47.1-47.5 M DAE @ 1-4 DS; 48.2 M DAE(J) @ 3-5 DS; 49.5 M DAE(J) @ 3-9 DS; 50.1 M DAE(J) @ 3-11 DS; 53.8 M DAE(J) @ 6-9 DS; 55.1 M DAE(J) @ 2-8 DS; 55.4 M DAE @ 2-8 DS; 56.4-56.7M DAE @ 7-9 DS; 58.4-58.9 M DAE @ 7-9 DS; 70.9 M DAE @ 3-5 DS; 75.5 M DAE(J) @ 7 DS; 77.6 M DAE @ 7 DS; 87.7 M DAE(J) @ 7-5 DS;													No	No	**Yes**	**Yes**	No	TBD
S-MA00009465	13746	32	LANSDOWNE AV	1ST MH E OF AIKENS ST TO 2ND MH E OF AIKENS ST	MH00011117	6.09	MH00011146	6.50	87.5	450	450	circular	CS	VC	14	14	1	82.9 M TBI @ 10 DS;	1	0.5	2	17.4 M DAE(J) @ 3 DS; 22.5 M DAE @ 5 DS; 27.9 M DAE @ 8 DS; 28.1 M DAE @ 2 DS; 29.2 M DAE @ 2 DS; 33.4-33.9 M DAE @ 7 DS; 36.6-36.9 M DAE @ 1-5 DS; 52.5 M DAE(J) @ 7-10 DS; 52.8-53.1 M DAE @ 7-10 DS;												INVERT NOT VISIBLE IN RECORD CCTV INSPECTION; 82.6 DS TBI @ 2 (LAG BOLTS PRESENT);	No	No	**Yes**	**Yes**	No	TBD
S-MA50003618	13747	33	LAWNDALE AV	1ST MH N OF LYNDALE DR TO MH AT CONISTON ST	MH50003108	3.42	MH50003114	3.30	138.5	300	300	circular	CS	CONCRETE	18	18	1	123.5 M TBI @ 3 DS;	1		1	136.4 M DAE(J) @ 4-8 DS;	1	RMJ, RMC, RMH, RBC,RBJ EXTENSIVE ROOT INFILTRATION THROUGHOUT							No	No	**Yes**	**Yes**	No	TBD
S-MA40013595	13748	34	MADELINE ST	MH AT KILDARE AV W NPL TOMH AT KILDARE AV W CL	MH40012306	4.92	MH40012300	5.95	8.5	250	250	circular	WWS	CONCRETE	0	0							1	7.5-7.9 M DAGS @ 8-4 DS;	1	0.0	7.5-8.0 DS EPR W/ MH CONNECTION			7.5 DS MSC - EPR REQ'D	No	No	**Yes**	**Yes**	No	TBD
S-MA20016700	13749	35	MCGEE ST	MH AT SARGENT AV(SPL) TO 1ST MH S OF SARGENT AV	MH20015040	2.68	MH20015013	2.85	98.0	375	375	circular	CS	VC	8	8	1	56..4 M TBI @ 10 DS;	1	9.9	8	3.8 M DAE(J) @ 10 DS; 4.3 M DAE(J) @ 2 DS; 6.2-8.9 M DAE @ 7-5 DS; 11.8-13.6 M DAE @ 7-5 DS; 16.7 M DAE(J) @ 10 DS; 19.1 M DAE(J) @ 7-10 DS; 22.8 M DAE(J) @ 2 DS; 24.9-25.7 M DAE @ 1-8 DS; 29.7 M DAE(J) @ 7 DS; 30.7-32.2 M DAE @ 7-5 DS; 35.9-37.1 M DAE @ 3-9 DS; 40.9-41.7 M DAE @ 4 DS; 46.4 M DAE(J) @ 3 DS; 56.4 M DAE @ 7-11 DS; 58.1 M DAE(J) @ 4 DS; 60.6-61.3 M DAE @ 4-9 DS; 80.0 M DAE @ 8 DS; 91.2-92.4 M DAE @ 9 DS;	1													No	No	**Yes**	**Yes**	No	TBD
S-MA20016866	13750	36	MCMICKEN ST	1ST MH N. OF SARGENT AV. TO MH AT SARGENT AV.	NEW MH	2.54	MH20015162	3.44	85.0	225	225	circular	CS	VC	2	2			1	8.1	16	2.3-2.7 M DAE @ 6 US; 7.4-7.7 M DAE @ 6 US; 8.1 M DAE(J) @ 3 US; 14.3 M DAE(J) @ 10-2 US; 14.9 M DAE(J) @ 1 US; 15.4 M DAE(J) @ 9-3 US; 16.0 M DAE(J) @ 9-3 US; 16.3-16.6 M DAE @ 10 US; 16.7 M DAE(J) @ 10 US; 17.9 M DAE(J) @ 10 US; 18.6 M DAE(J) @ 10 US; 18.9-19.1 M DAE @ 2 US; 19.2 M DAE(J) @ 10-2 US; 21.0 M DAE(J) @ 10-2 US; 21.3-21.7 M DAE @ 10-2 US; 22.1-22.4 M DAE @ 9-3 US; 22.9 M DAE @ 9-3 US; 23.8 M DAE @ 2 US; 25.3 M DAE(J) @ 9-3 US; 25.5-26.7 M DAE @ 9-3 US; 30.9 M DAE(J) @ 4 US; 36.5-37.6 M DAE @ 5-7 US; 50.6-51.1 M DAE @ 5-7 US; 53.5 M DAE(J) @ 7 US; 70.1-71.8 M DAE @ 1.7 US; 72.6 M DAE(J) @ 7 US; 77.7 M DAE(J) @ 6 US; 80.3-80.9 M DAE @ 7-5 US; 81.2-81.6 M DAE @ 7-5 US; 81.9 M DAE(J) @ 5 US; 82.1-83.7 M DAE @ 3-9 US;													79.5 US JOM - EPR REQ'D; 83.5 US - NEW MH AND CB CONNECTIONS INSTALLED BY OTHERS;	No	No	**Yes**	**Yes**	No	TBD
S-MA00010672	13751	37	MOUNTIAN AVE(CL)	MH @ TINNIS WOOD ST(CL)-MH @ RADFORD ST	MN00008493	3.40	MH00008478	3.71	85.5	450	450	circular	CS	CONCRETE	16	16			1			7.0-7.3 M DAE @ 2-5 DS; 26.0 M DAE @ 3 DS; 33.1-33.4 M DAE @ 3-5 DS; 48.9-49.1 M DAE @ 8-10 DS;	1	22.4 M RMJ @ 7 DS;							No	No	**Yes**	**Yes**	No	TBD
S-MA40008647	13752	38	NOBLE AV	3RD MH W OF HENDERSON HWY TO MH AT BEATRICE ST	MH40007874	2.89	MH40006470	3.52	97.5	375	375	circular	CS	CONCRETE	16	16			1		4	8.7 M DAE(J) @ 5 DS; 11.3 M DAE(J) @ 4 DS; 36.6 M DAE(J) @ 4 DS; 60.2 M DAE(J) @ 7 DS; 70.3 M DAE @ 8 DS;	1	7.0-7.8 M DAGS @ 9 DS; 9.5-13.1 M DAGS @ 3 & 9 DS; 15.5 M RMJ @ 8-10 DS; 15.8 M RBC @ 10 DS; 16.5 M RBC @ 2 DS; 24.2 M RMJ @ 7 DS; 43.4 M RMJ @ 8 DS; 43.7 M RMC @ 9 DS; 44.1 M RMJ @ 3 DS; 44.4 M RMC @ 2 DS; 44.7 M RMJ @7-5 DS; 45.3 M RMJ @ 3-9 DS; 46.2 RMC @ 10 DS; 46.5 M RMJ @ 3 DS; 46.8 M RMC @ 2 DS; 50.3 M RMJ @ 4 DS; 56.2 M RMC @ 10 DS; 56.7 M RMC @ 2 DS; 57.1 M RMJ @ 2 DS; 58.3 M RMJ @ 3 DS; 59.6 M RMJ @ 3 DS; 66.6 M RMC @ 2 DS; 68.6-69.8 M DAGS @ 9-3 DS; 70.4-73.3 DAGS @ 9-3 DS; 73.3 M RMJ @ 7 DS; 75.6 M RMJ @ 7 DS; 75.9 M RBC @ 11 DS; 76.5 M RMC @ 2 DS; 77.6-83.6 M DAGS @ 9-3 DS; 81.8 M RMJ @ 4-8 DS; 83.0 M RMJ @ 9 DS; 83.6 M RMJ @ 3 DS; 86.3 M RMC @ 10 DS; 87.3 M RMJ @ 8 DS; 87.8 M RMJ @ 8 DS;													No	No	**Yes**	**Yes**	No	TBD
S-MA40007670	13753	39	NOTTIGHAM AV	1ST MH W OF BESANT ST TO 2ND MH W OF BESANT ST	MH40006993	3.20	MH40006982	3.89	116.0	300	300	circular	CS	CONCRETE	18	18	1	84.6 M TBI @ 11 DS;	1	1.7	13	2.7 M DAE(J) @ 4 DS; 6.3 M DAE(J) @ 7-5 DS; 8.9 M DAE(J) @ 1-5 DS; 10.1 M DAE(J) @ 7-10 DS; 11.4 M DAE(J) @ 7-10 DS; 16.4 M DAE(J) @ 7-10 DS; 17.5 M DAE(J) @ 7-5 DS; 18.8 M DAE(J) @ 7 DS; 28.8 M DAE(J) @ 7 DS; 32.4 M DAE(J) @ 8 DS; 39.9 M DAE(J) @ 5 & 7 DS; 41.2 M DAE(J) @ 5 & 7 DS; 45.1-45.4 M DAE @ 4 DS; 45.7 M DAE @ 8 DS; 58.5 M DAE(J) @ 5 DS; 64.7-65.1 M DAE @ 8-10 DS; 77.6 M DAE @ 5 DS; 83.4-84.3 M DAE @ 3-5 DS; 85.3 M DAE @ 8 DS; 97.9-98.2 M DAE @ 2-5 DS; 111.2-111.7 M DAE @ 7 DS;	1	4.8-5.6 M DAGS @ 4 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA60012734	13754	40	PARKER AV	1ST MH W OF DANIEL ST TO MH AT DANIEL ST EPL	MH60010905	3.20	MH60010926	3.89	87.5	300	300	circular	CS	VC	10	10	2	30.5 M TBI @ 3 DS; 66.3 M TBI @ 10 DS;	1		1	51.4 M DAE(J) @ 4-8 DS; 63.2-63.5 DAE @ 7-9 DS; 79.1 M DAE @ 8 DS;	1	0.5-2.1 M DAGS @ 2-5 DS; 25.8-26.1 M DAGS @ 4-8 DS;						16.4 DS OBJ @ 5-11 (REMOVE PRIOR TO LINING); 30.1 DS HSV @ 6 (LINE THROUGH);	No	No	**Yes**	**Yes**	No	TBD
S-MA50015607	13755	41	PILGRIM AV	MH @ DES MEURONS ST (EPL) TO MH @ DES MEURONS ST	MH50012503	3.15	MH50012502	3.31	8.5	300	300	circular	WWS	VC	0	0			1			7.5 M DAE @ 10 DS; 7.7 M DAE @ 2 DS;	1	2.3 M DAGS @ 12 DS; 3.0 M DAGS @ 12 DS;							No	No	**Yes**	**Yes**	No	TBD
S-MA70020673	13756	42	PIONEER AV	3RD MH W OF WESTBROOK ST TO 4TH MH W OF WESTBROOKST	MH20014552	2.88	MH20014603	3.24	62.0	300	300	circular	CS	PVC / VC	14	14	5	41.1 M TBI @ 10 DS; 41.5 M TBI @ 3 DS; 45.0 M TBI @ 3 DS; 11.7 M TBI @ 9 US; 14 M TBI @ 2 US;	1	4.6	24	7.6 M DAE(J) @ 8-10 DS; 11.5-12.2 M DAE @ 8-4 DS; 13.0-13.3 M DAE @ 7-5 DS; 14.6 M DAE(J) @ 8-1 DS; 15.3 M DAE(J) @ 9-3 DS; 16.1 M DAE(J) @ 7-5 DS; 16.4-16.6 M DAE @ 8-4 DS; 16.8 M DAE(J) @ 7-5 DS; 17.1-17.8 M DAE @ 7-5 DS; 17.1-17.8 M DAE @ 7-5 DS; 19.2 M DAE(J) @ 8-4 DS; 20.7 M DAE(J) @ 9 DS; 21.2-21.4 M DAE @ 9 DS; 23.1 M DAE(J) @ 7-5 DS; 23.8 M DAE @ 7-5 DS; 24.6 M DAE(J) @ 7-3 DS; 26.2 M DAE(J) @ 5 DS; 26.5 M DAE @ 9 DS; 27.6-28.1 M DAE @ 8 DS; 30.6 M DAE(J) @ 8-11 DS; 35.3-37.1 M DAE @ 8-4 DS; 37.6 M DAE(J) @ 7-5 DS; 40.0 M DAE(J) @ 7-5 DS; 41.8 M DAE @ 9 DS; 2.6-2.9 M DAE @ 8 US; 3.8 M DAE(J) @ 8-4 US; 4.5 M DAE(J) @ 12-4 US; 5.4 M DAE(J) @ 8-4 US; 6.1 M DAE(J) @ 8-4 US; 9.9 M DAE(J) @ 8-4 US; 7.7 M DAE(J) @ 12-5 US; 8.4 M DAE(J) @ 8-4 US; 9.6 M DAE @ 12-3 US; 10.7 M DAE(J) @ 9-4 US; 11.2-11.5 M DAE @ 3-5 US; 12.3 M DAE(J) @ 8-4 US; 13.1 M DAE(J) @ 8-5 US; 13.9-14.2 M DAE @ 3-5 US;	1	8.8 M DAGS @ 7 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA50004770	13757	43	PROVENCHER BLVD	2ND MH W OF ST JEAN BAPTISTE-MH @ LANGEVIN (CL)	MH50003899	3.74	MH50004078	3.57	111.0	450	450	circular	CS	VC	8	8	6	31.0 M TBI @ 10 DS; 43.6 M TBI @ 2 DS; 61.9 M TBI @ 11 DS; 70.0 M TBI @ 2 DS; 73.0 M TBI @ 2 DS; 92.6 M TBI @ 2 DS;	1		2	0.5 M DAE(J) @ 9-11 DS; 82.4 M DAE (J) @ 7-11 DS;	1	9.7 M RBC @ 2 DS; 10.3 M RBC @ 10 DS; 14.3 M RMJ @ 11 DS; 17.4 M RMJ @ 10-2 DS; 40.2 RBC @ 2 DS; 41.1 M RMC @ 10 DS; 49.0 M RMJ @ 10-2 DS; 49.4 M RMC @ 10 DS; 68.9 M RMJ @ 11-1 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA50011044	13758	44	PROVENCHER BLVD	MH AT THIBAULT ST TO 1ST MH W OF THIBAULT ST	MH50008963	2.91	MH50004073	3.23	118.5	375	375	circular	CS	VC	15	15	4	36.3 M TBI @ 10 DS; 36.4 M TBI @ 2 DS; 60.9 M TBI @ 10 DS; 115.5 M TBI @ 3 DS;	1	0.4	10	6.5 M DAE(J) @ 3 DS; 9.8 M DAE(J) @ 3 DS; 10.3 M DAE(J) @ 1-5 DS; 10.9 M DAE(J) @ 8 DS; 11.5 M DAE(J) @ 2-5 DS; 12.2 M DAE(J) @ 2 DS; 24.8 M DAE(J) @ 7-11 DS; 27.4-28.0 M DAE @ 8-4 DS; 28.6 M DAE(J) @ 3 DS; 29.8 M DAE(J) @ 9 DS; 40.5 M DAE(J) @ 9-11 DS; 65.7-66.0 M DAE @ 2-5 DS; 88.1-88.6 M DAE @ 2-5 DS;	1	16.0 M RMJ @ 9 DS; 18.8 M RMC @ 11 DS; 35.2-36.0 DAGS @ 4 & 8 DS; 37.1 M RMC @ 2 DS; 52.7 M RBC @ 2 DS; 61.8 M RMJ @ 2-4 DS; 86.5 M RMJ @ 7-10 DS; 97.0 M DAGS @ 1 DS; 104.0-105.1 DAGS @ 10 & 2 DS; 114.6 M RMC @ 10 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA00010655	13759	45	RADFORD ST	1ST MH N OF MOUNTAIN AVE-MH @ MOUNTAIN AVE	MH00008522	3.24	MH00008478	3.67	100.5	375	375	circular	CS	VC	18	18			1		4	8.8 M DAE(J) @ 8 DS; 24.6-24.9 M DAE @ 7 DS; 28.2 M DAE(J) @ 7 DS; 36.5 M DAE @ 7-9 DS; 42.0 M DAE(J) @ 7 DS; 49.2-49.5 M DAE @ 7-5 DS; 70.5 M DAE(J) @ 5 DS;											SSS THROUGHOUT - CAUTION WHILE CLEANING AND CUTTING	No	No	**Yes**	**Yes**	No	TBD
S-MA00015413	13760	46	REDWOOD AVE	MH AT CHARLES ST CL TO 1ST MH W CHARLES ST	MH00013722	3.10	MH00013561	3.84	101.0	300	300	circular	CS	CONCRETE	14	14			1	1.1	4	0.3 M DAE @ 8-11 DS; 0.5 M DAE(J) @ 7-5 DS; 15.3 M DAE @ 8 DS; 31.5-31.8 M DAE @ 3-5 DS; 37.0 M DAE(J) @ 7-5 DS; 41.5-41.8 M DAE @ 3-5 DS; 41.9 M DAE(J) @ 4-8 DS; 58.1-58.4 M DAE @ 2-5 DS; 62.0-62.3 M DAE @ 8 DS; 73.1 M DAE(J) @ 7-5 DS; 97.5-98.2 M DAE @ 3-9 DS;	1	37.5-39.1 M DAGS @ 4 DS; 40.5-57.9 M DAGS @ 3 & 9 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA50004492	13761	47	RUE AUBERT	MH AT GABRIELLE ROY PL. TO CERCLE MOLIERE	MH50003831	4.87	MH50003847	5.19	100.5	250	250	circular	WWS	CONCRETE	0	0			1	0.2	2	61.3-61.7 M DAE @ 9-12 DS; 86.2-86.9 M DAE 11-4 DS; 88.1 M DAE(J) @ 8-4 DS; 88.5 M DAE @ 8-12 DS; 99.9 M DAE(J) @ 12-5 DS;	1	75.7-81.8 DAGS @ 3 DS; 96.2-98.5 M DAGS @ 3-9 DS;												**Yes**	No	**Yes**	**Yes**	No	TBD
S-MA50003017	13762	48	RUE LANGEVIN	1ST MH N. OF HAMEL AV TO MH AT HAMEL AV	MH50002549	2.01	NEW MH	2.74	14.5	300	300	circular	CS	CONCRETE	1	1			1			0.6 M DAE @ 6 DS;	1	2.8 M RMJ @ 6 DS; 3.6 M RMJ @ 6 DS; 8.8 M RMB @ 6 DS;	1	0.0	4.8-6.3 US TPR;			CS SPHON CROSSING AT 14.5m SOUTH OF S-MH50002549. NEW MH REQ'D AT NORTH LIMIT OF SIPHON & INSTALL CIPP FROM S-MH50002549 TO NEW MH. INSTALL TPR AT SOUTH LIMIT OF SIPHON, APPROX 4.8-6.3 NORTH OF S-MH50002548	**Yes**	No	**Yes**	**Yes**	No	TBD
S-MA50004710	13763	49	RUE ST.JOSEPH	1ST MH N.OF PROVENCHER BV.	MH50004022	2.52	MH50004014	3.41	50.0	250	250	circular	CS	CONCRETE	5	5	1	40.9 M	1			5.6 - 6.2 M DAE @ 9 DS; 22.4 M DAE @ 7-9 DS; 34.6 M DAE @ 1-4 & 8-10 DS									No	No	**Yes**	**Yes**	No	TBD
S-MA20018248	13764	50	SHERBROOK ST	3RD MH S OF NOTRE DAME AV TO 1ST MH S OF CUMBERLAND AV	MH20016336	2.94	MH20016337	2.93	82.5	300	300	circular	CS	CONCRETE	14	14	3	36.4 M TBI @ 10 DS; 43.9 M TBI @ 10 DS; 50.3 M TBI @ 2 DS;	1	0.3		7.4-7.7 M DAE @ 3-5 DS; 43.9-44.2 M DAE @ 7-9 DS; 52.8-53.1 M DAE @ 8 DS; 67.7-68.1 M DAE @ 7-9 DS;									No	No	**Yes**	**Yes**	No	TBD
S-MA50005031	13765	51	SPEERS RD	1STMH N OF CRESTWOOD CRTO2NDMH N OF CRESTWOOD CR	MH50004294	3.52	MH50004295	3.89	100.0	250	250	circular	WWS	CONCRETE	12	12	3	25.1 M TBI @ 2 DS; 42.5 M TBI @ 2 DS; 71.3 M TBI @ 2 DS;					1	29.0-30.1 M DAGS @ 4 & 8 DS; 30.2 M RBC @ 12 DS; 51.6 M RMC @ 10 DS; 53.9 M RMC @ 2 DS;								No	No	**Yes**	**Yes**	No	TBD
S-MA20016780	13766	52	SPENCE ST	MH AT SARGENT AV TO 1ST MH S OF SARGENT AV	MH20015173	4.31	MH70012374	4.38	90.0	450	450	circular	CS	VC	13	13	2	46.1 M TBI @ 1 DS; 81.1 M TBI @ 2 DS;	1		5	0.6 M DAE @ 5 DS; 0.9 M DAE(J) @ 5 DS; 14.4 M DAE(J) @ 8-11 DS; 19.2 M DAE(J) @ 4 DS; 30.6 M DAE(J) @ 2-5 DS; 39.1 M DAE(J) @ 8 DS; 46.1-46.4 M DAE(J) @ 2-5 DS;	1	2.5-3.4 M DAGS @ 4 DS; 2.9-5.8 M DAGS @ 8 DS; 8.6-18.6 DAGS @ 4&8 DS; 20.2 M RMJ @ 3 DS; 20.6 M RMC @ 12 DS; 34.8-40.6 M DAGS @ 8 DS; 75.7-77.0 M DAGS @ 8 DS; 77.4-81.1 M DAGS @ 4&8 DS; 81.1 M RMC @ 2 DS; 86.0-86.3 M DAGS @ 5 DS;	1	0.0	19.3-21.4 DS EPR W/ 3 SERVICE CONNECTIONS;			0.0-2.5 DS MMC (BRICK); OBM AT 4.7 TO BE REMOVED PRIOR TO LINING; 12.3 DS HSV @ 12. LINE THROUGH; 20.1 CX @ 2:00, 21.0 CX @ 10:00 & 2:00 - EPR REQ'D 87.7-90.0 DS MMC (PVC);	No	No	**Yes**	**Yes**	No	TBD
S-MA50004406	13767	53	TACHE AV.	MH AT RUE MESSAGER TO MH AT RUE HEBERT	MH50003759	4.14	MH50003765	4.90	107.0	450	450	circular	CS	CONCRETE	5	5	1	95.7 M TBI @ 1 DS;	1		3	1.5 M DAE(J) @ 8 DS; 3.8 M DAE(J) @ 4 DS; 14.5 M DAE(J) @ 3-6 DS;									No	No	**Yes**	**Yes**	No	TBD
S-MA00010702	13768	54	TINNISWOOD ST	1ST MH N OF MOUNTAIN AVE-MH @ MOUNTAIN AVE(CL)	MH00008530	3.15	MH00008493	3.08	55.5	375	375	circular	CS	VC	8	8			1	0.5	1	3.6-5.0 M DAE @ 7-11 DS; 11.5-11.8 M DAE @ 4 DS; 18.2 M DAE(J) @ 8-11 DS;									No	No	**Yes**	**Yes**	No	TBD
S-MA60012800	13769	55	WATERFORD AV.	3RD MH E.OF PEMBINA HWY TO 4TH MH E.OF PEMBINA HWY.	MH60010964	2.41	MH60011179	2.89	110.5	375	375	circular	LDS	CONCRETE	0	0	1	19.7 M TBI @ 12 DS;	1			108.7-109.3 M DAE @ 7 DS;	1	14.5 M RMJ @ 4 DS; 22.2 M RMJ @ 1 DS; 23.0 M RMJ @ 3 DS; 24.5 M RMJ @ 9 DS; 25.9 M RMJ @ 9 DS; 29.1 M RMJ @ 9 DS; 29.8 M RMJ @ 10 DS; 30.6 M RMJ @ 11 DS; 32.1 M RMJ @ 2 DS; 33.7 M RMJ @ 10 DS; 107.9 M RMJ @ 9 DS; 108.6 M RMH @ 4 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA60013016	13770	56	WATERFORD AV.	4TH MH E.OF PEMBINA HWY TO MH AT WICKLOW ST.	MH60011179	2.89	MH60011173	5.55	111.0	375	375	circular	LDS	CONCRETE	1	1			1		1	94.0 M DAE(J) @ 6 DS;	1	0.6 M RMJ @ 7 DS; 5.2 M RMJ @ 5 DS; 7.3-8.5 M RMB @ 4-8 DS; 11.3-12.2 RMB @ 8 DS; 23.6 M RMJ @ 9-3 DS; 24.5 M RMJ @ 9 DS; 26.0 M RMJ @ 2-10 DS; 26.8 M RMJ @ 8-10 DS; 28.3 M RMJ 2-5 DS; 29.0 M RMJ @10 DS; 29.9 M RMJ @ 9-3 DS; 30.6 M RMJ 8-4 DS; 31.4 M RBJ @ 8-4 DS; 32.2 M RMJ @ 9 DS; 33.0 M RMJ @ 7-10 DS; 33.7 M RBJ @ 7-12 DS; 39.8 M RMJ @ 12 DS; 40.5 M RBB @ 1 DS; 41.3 M RMJ @ 12 DS; 42.2 M RMJ @ 2-4 DS; 42.8 M RMJ @10-2 DS; 43.9 M RMB @ 12 DS; 44.5 M RBJ @ 9-3 DS; 45.3 M RBJ @ 10-2 DS; 45.5-51.8 RBB @ 10-2 DS; 52.1 M RMJ @ 3 DS; 52.8 M RMJ @ 3 DS; 53.7-56.9 M RMB @ 4-8 DS; 57.4 M RMJ @ 4 DS; 58.2 M RMJ @ 3 DS; 60.5 M RMJ @4 DS; 61.1 M RMJ @ 9 DS; 64.9 M RMJ @ 9 DS; 69.0 M RMJ @ 4 DS; 72.0 M RMJ 4 DS; 73.5 M RMJ @ 3 DS; 75.1 M RMJ @ 3-9 DS; 76.6 M RMJ @ 9 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA60001505	13771	57	WESTGROVE WAY	MH @ PEPPERTREE PL TO 1ST MH E OF PEPPERTREE PL	MH60001134	2.77	MH60001139	3.49	88.5	200	200	circular	WWS	AC	0	0			1		2	61.6 M DAE(J) @ 7-5 DS; 69.3 M DAE (J) @ 7-5 DS;	1	0.3-21.4 M DAGS @ 10-2 DS; 33.3-34.3 M DAGS @ 10 DS; 40.5-41.5 DAGS @ 10 DS; 42.7-43.5 M DAGS @ 10 DS; 53.5 M DAGS @ 9 DS; 54.9 M DAGS @ 9 DS; 56.9-58.1 M DAGS @ 10 DS; 62.6-63.2 M DAGS @ 8-10 DS; 83.6 M DAGS @ 10 DS;	1	0.0	51.8-52.8 DS EPR;			51.8-52.8 DS JOM (EPR REQ'D)	No	No	**Yes**	**Yes**	No	TBD
S-MA40013706	13772	58	WHITTIER AV W	1ST MH W OF WINONA ST TO MH AT WINONA ST	MH40012351	2.01	MH40012409	2.41	74.0	200	200	circular	WWS	VC	7	7	4	1.5 M TBI @ 3 DS; 9.8 M TBI @ 10 DS; 23.4 M TBI @ 3 DS; 51.7 M TBI @ 9 DS;	1		1	31.5 M DAE(J) @ 3 DS; 73.3-73.7 M DAE @ 7-5;	1	0.3-0.6 M RMB @ 3 DS; 8.1 M RMJ @ 7-5 DS; 7.6-9.7 DAGS @ 4-8 DS; 11.3 M RMJ @ 8 DS; 12.1 M RMJ @ 8 DS; 13.6-14.5 DAGS @ 3-9 DS; 20.0-21.5 M DAGS @ 3-9 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA40011254	13773	59	WILLIAM NEWTON AV	MH AT ALLEN ST TO 1ST MH W OF ALLEN ST	MH40010194	2.80	MH40010195	2.79	97.5	300	300	circular	CS	CONCRETE	19	19	5	3.9 M TBI @ 2 DS; 17.7 M TBI @ 2 DS; 18.3 M TBI @ 10 DS; 67.2 M TBI @ 10 DS; 88.9 M TBI @ 9 DS;	1		1	76.3 M DAE(J) @ 2 DS;	1	15.4-17.6 DAGS @ 4-8 DS; 18.8-20.9 M DAGS @ 4-8 DS; 24.8-67.3 M DAGS @ 2-10 DS; 68.3 M RMB @ 10 DS; 70.0-73.0 M DAGS @ 10-2 DS; 85.0 M RMJ @ 11 DS; 85.8-95.0 M DAGS @ 10-2 DS;												No	No	**Yes**	**Yes**	No	TBD
S-MA40013685	13774	60	WINONA ST	MH AT HARVARD AV W TO MH AT WHITTIER AV W	MH40012395	4.21	MH40012409	4.62	87.0	200	200	circular	WWS	VC	11	11	2	28.2 M TBI @ 10 DS; 54.3 M TBI @ 2 DS;	1			13.7-14.0 M DAE @ 12-4 DS; 28.1-24.8 M DAE @ 7-9 DS;	1	12.9-14.0 M DAGS @ 11 DS; 25.1-27.6 M DAGS 11-1 DS; 29.0-37.4 DAGS @ 11-1 D