

APPENDIX 'A'

HOST PIPE CONDITIONS AND INSPECTIONS

Sewer Details														Pre-Lining Prep Work																			Sewer Service Grouting		External Point Repairs		Sewer Service Repairs		Manhole Pipe Connection Grouting		General Observations
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Manholes				Size				Flow Type	Material	Sewer Services		Intruding Services		Roots and Grease Removal		Solid Debris Removal				Quantity (each)	Description	SSR (each)	Description	Quantity (each)	Description	SSR (each)	Description	Quantity (each)	Description	Description						
					Upstream	Depth (m)	Downstream	Depth (m)	Length (m)	Height (mm)	Width (mm)	Shape			Total # of Sewer Services	Estimated # Sewer Service Reinstatements	Quantity (each)	Description	Quantity (1 per asset)	Description	1st 3m (each)	>3m (m)	Joints (each)	Description																	
S-MA20017053	13878	3	ADELAIDE ST (CL)	1ST MH S OF BANNATYNE AV TO MH AT BANNATYNE AV	S-MH20015315	3.49	S-MH020016910	5.60	50.0	375	375	C	CS	VC	6	4					1		0	15.9 DS DAE @ 9:00;			1	0	16.9-18.8 DS EPR W/ 1 SERVICE CONNECTION				0.0-5.4 DS MSC (PVC W/ DIAMETER REDUCTION; CONTRACTOR TO CONFIRM AND PROVIDE TAPERED LINER AS REQ'D); 17.4 DS HHV @ 3:00-5:00 (EPR REQ'D);								
S-MA00005498	13879	4	AMBERGATE DR (N BV)	MH AT AMBER TRAIL TO 1ST MH E OF AMBER TRAIL	S-MH00004910	6.95	S-MH00004909	7.41	76.5	450	450	C	WWS	CONCRETE	8	8	5	8.3 DS TBI @ 12:00; 8.7 DS TBI @ 12:00; 34.9 DS TBI @ 12:00; 70.0 DS TBI @ 12:00; 71.6 DS TBI @ 12:00;	1	4.4-7.9 DS DAGS; 9.5 DS DAGS; 9.4-10.1 DS DAGS; 12.8-13.4 DS DAGS; 35.5-35.8 DS DAGS; 36.9-38.7 DS DAGS; 69.9-70.1 DS DAGS; 71.6 DS DAGS;			1	1.5		0.0-4.4 DS DAE; 14.3 DS DAE @ 3:00;															
S-MA00005484	13880	5	AMBERGATE DR (N BV)	1ST MH W OF PIPELINE RD TO MH AT PIPELINE RD	S-MH00004892	7.64	S-MH00004893	7.19	90.5	525	525	C	WWS	CONCRETE	8	8					1		4	2.4 DS DAE; 10 DS DAE; 12.9-13.2 DS DAE; 17.5 DS DAE; 24.7 DS DAE; 54.5 DS DAE @ 3:00; 89.9 DS DAE;																	
S-MA00004488	13881	6	BLECHNER DR	MH AT MANDEN CR TO 1ST MH E OF MANDEN CR	S-MH00003980	3.85	S-MH00003983	4.77	108.0	200	200	C	WWS	CONCRETE	9	9					1		6	30.5 DS DAE; 34.5 DS DAE; 36.6-37.0 DS DAE @ 7:00; 72.5-72.9 DS DAE; 77.3 DS DAE; 88.5 DS DAE; 90.2 DS DAE;									15.7 DS MSC (POSSIBLE DIA. REDUCTION; CONTRACTOR TO CONFIRM AND PROVIDE TAPERED LINER AS REQUIRED);								
S-MA00010175	13882	7	CARRUTHERS AV	MH AT MCGREGOR ST (E.PL.) TO 1ST MH E OF MCGREGOR ST	S-MH00006695	2.55	S-MH00006694	2.93	69.5	300	300	C	CS	VC	18	3	1	3.1 DS TBI @ 2:00 (SMALL PLASTIC PIPE);											1	33.2 DS SSR @ 10:00;											
S-MA20008105	13883	8	COLLEGIATE ST	2ND MH S OF SILVER AV TO 3RD MH S OF SILVER AV	S-MH20007447	3.14	S-MH20007446	3.44	109.5	375	375	C	CS	VC	31	22	5	5.6 DS TBI @ 10:00; 21.2 DS TBI @ 10:00; 28.1 DS TBI @ 2:00; 29.1 DS TBI @ 10:00; 44.6 DS TBI @ 10:00;	1	28.6 DS RFC; 29.4 DS RFC; 34.9-109.5 DS RFC;							2	0	12.1-14.6 DS EPR W/ 3 SERVICE CONNECTIONS; 88.1-90.7 DS EPR W/ 2 SERVICE CONNECTIONS;												
S-MA20001197	13884	9	CORBETT DR (W LEG)	MH AT COSTELLO DR TO 1ST MH S OF COSTELLO DR	S-MH20001056	3.10	S-MH20001054	3.15	92.0	200	200	C	WWS	CONCRETE	10	10			1	23.4 DS RFC @ 2:00; 37.0-41.9 DS DAGS @ 11:00-1:00; 40.7 DS RFC @ 2:00; 50.4-62.8 DS DAGS @ 10:00-2:00; 70.9-71.2 DS DAGS @ 12:00; 82.2-81.7 DS DAGS @ 12:00; 83.8-87.5 DS DAGS @ 12:00; 88.5-91.5 DS DAGS @ 12:00;		1	2		23.4 DS DAE @ 2:00; 41.2 DS DAE @ 3:00; 43.6-43.9 DS DAE @ 10:00; 48.0-48.4 DS DAE @ 11:00-2:00; 66.4-68.2 DS DAE @ 5:00; 90.9 DS DAE;																
S-MA20003861	13885	10	COUNTRY CLUB BV.	MH AT PORTAGE AV. TO 1ST MH S OF PORTAGE AV.	S-MH20003538	2.52	S-MH20003539	2.90	34.0	300	300	C	LDS	CONCRETE	0	0					1		1	0.0-2.0 DS DAE @ 5:00-7:00; 9.7 DS DAE @ 4:00-8:00;									31.5 DS JOL (LINE THROUGH); 32.1 DS MSA; 2.0 US MSA;								
S-MA20009809	13886	11	EMPRESS (W PL.)	1ST MH S OF ELLICE AV TO 2ND MH S OF ELLICE AV	S-MH20008971	3.65	S-MH20008970	3.69	77.0	300	300	C	CS	CONCRETE	3	3					1	2.3	3	4.7-5.6 DS DAE; 7.1-7.6 DS DAE; 8.4 DS DAE; 8.9-12.3 DS DAE @ 9:00; 13.7-14.1 DS DAE; 37.7 DS DAE; 39.5 DS DAE; 40.3 DS DAE @ 7:00-9:00;									3.2-4.3 DS MMC (PVC); HANGING/LOOSE GASKETS: 4.7 DS; 15.7 DS; 17.6 DS; 50.4 DS @ 9:00; 68.6 DS @ 8:00-11:00; 72.3 DS @ 4:00-7:00;								
S-MA70162512	13887	12	FERRY RD	MH AT SARGENT AV TO OUTFALL IN N DITCH	Ditch Culvert	N/A	S-MH70080161	1.52	11.5	450	450	C	LDS	CMP	0	0										1	0	2.5-4.0 DS EPR (SOFT DIS REQ'D);					0.0-4.1 DS INVERT DETERIORATION @ 5:00-7:00; 3.4 DS WALL DEFORMATION @ 1:00-5:00; 4.1 DS MSA; 2.4 DS OBP (CROSSBORE) @ 11:00-1:00 (LINE THROUGH);								
S-MA20001118	13888	13	FREMONT BY (N LEG)	MH AT FREEMONT BY (E LEG) TO 1ST MH W OF FREEMONT BY (E LEG)	S-MH20000991	2.74	S-MH20000992	2.84	27.0	450	450	C	LDS	CONCRETE	0	0																	5.1 DS GASKET @ 9:00-3:00; 26.2 DS GASKET @ 9:00-1:00; 89.9-91.1 DS OIM (LINE THROUGH);								
S-MA20002178	13889	14	GERROND BY (N LEG)	1ST MH E OF CAVALIER DR. TO 1ST MH W OF CAVALIER DR.	S-MH20001988	3.73	S-MH20001747	3.97	72.0	250	250	C	WWS	CONCRETE	6	6			1	9-5.1 DS DAGS;		1		9																	
S-MA20003627	13890	15	GOLF BV	MH AT MCREY AV TO 1ST MH N OF MCREY AV	S-MH20003334	3.47	S-MH20003337	4.02	103.5	250	250	C	WWS	CONCRETE	18	13	6	36.7 DS TBI @ 10:00; 61.4 DS TBI @ 10:00; 67.7 DS TBI @ 2:00; 83.4 DS TBI @ 10:00; 92.8 DS TBI @ 2:00; 95.1 DS TBI @ 2:00;	1	8.2 DS RFC; 35.9 DS RFC @ 2:00;		1	11		0.0-0.9 DS DAE @ 5:00; 2.7 DS DAE @ 4:00; 13.5 DS DAE @ 2:00; 42.7 DS DAE @ 1:00; 49.1 DS DAE @ 7:00-5:00; 53.8 DS DAE @ 3:00; 57.7 DS DAE @ 1:00-4:00; 62.5 DS DAE @ 9:00; 64.6-64.7 DS DAE @ 9:00-2:00; 69.5 DS DAE @ 9:00; 72.6 DS DAE @ 9:00; 86.0 DS DAE @ 4:00; 86.8 DS DAE @ 7:00-4:00; 87.6 DS DAE @ 1:00-3:00;						1	0	101.7-103.5 DS EPR W/ MANHOLE CONNECTION;	1	53.5 DS SSR @ 11:00;			102.6 DS MSA AT OFFSET JOINT (EPR REQ'D);			
S-MA00011654	13891	16	HARTFORD AV (CL)	MH AT MCGREGOR ST TO 1ST MH E OF MCGREGOR ST	S-MH00010034	4.65	S-MH00010027	4.96	95.5	375	375	C	CS	CONCRETE	20	13	2	43.2 DS TBI @ 11:00; 66.6 DS TBI @ 2:00;			1	0	4	0.0-0.9 DS DAE @ 5:00; 11 DS DAE @ 2:00; 43.7 DS DAE @ 5:00-7:00; 51.4 DS DAE @ 7:00; 56.3 DS DAE @ 1:00-5:00; 72.1 DS DAE; 72.3 DS DAE; 77.2-77.6 DS DAE; 84.5 DS DAE @ 4:00; 88.0 DS DAE @ 4:00; 93.4 DS DAE @ 2:00-4:00;																	
S-MA70026715	13892	17	INKSTER BV.	MH AT SALTER ST. TO 1ST MH E OF SALTER ST.	S-MH00011105	6.07	S-MH00011129	5.84	97.0	450	450	C	CS	CONCRETE	23	14					1	2.5	17	0.0-5.0 DS DAE @ 5:00-7:00; 22.2 DS DAE; 27.1 DS DAE; 27.8 DS DAE; 31.2 DS DAE @ 10:00; 33.3 DS DAE; 34.0 DS DAE; 39.4 DS DAE; 40.2 DS DAE; 41.0 DS DAE; 41.4 DS DAE; 45.7 DS DAE @ 10:00; 46.3 DS DAE; 50.7 DS DAE @ 2:00; 51.4 DS DAE @ 10:00; 51.9 DS DAE; 52.7 DS DAE; 52.9 DS DAE @ 2:00; 53.2 DS DAE; 58.1 DS DAE; 59.5 DS DAE; 64.2 DS DAE; 80.3 DS DAE;																69.6-71.6 DS MMC/MSC (CONCRETE PIPE W/ DIA. REDUCTION); TAPERED LINER REQ'D; 90.4-97.0 DS MMC (PVC);	
S-MA20018577	13893	18	ISABEL ST	MH AT MCDERMOT AV TO TEE AT BANNATYNE AV	S-MH20016632	5.45	S-MH70008174	6.04	102.5	600	600	C	CS	BRICK	16	8					1	39.8	0	1.4-13.5 DS DAE @ 5:00-7:00; 16.0-17.4 DS DAE @ 5:00-7:00; 20.0-23.8 DS DAE @ 5:00-7:00; 25.0-29.9 DS DAE @ 5:00-7:00; 31.1-32.7 DS DAE @ 7:00; 33.7-37.5 DS DAE @ 5:00-7:00; 38.2-53.0 DS DAE @ 5:00-7:00; 55.0-57.4 DS DAE @ 5:00-7:00; 57.4 DS DAE @ 10:00 AT CONNECTION;																49.8 DS DB @ 12:00 (DISPLACED BRICK); 58.0 DS MSA AT ENCRUSTATION. INSPECTION INCOMPLETE;	
S-MA70069623	13894	19	ISABEL ST	MH AT PACIFIC AV SPL TO MH AT PACIFIC AV CL	S-MH70032815	5.06	S-MH20016873	5.06	9.5	600	600	C	CS	BRICK	0	0					1	0	0	4.6 DS DAE @ 3:00;									5.0-9.0 DS MMC (PVC); RPMs (INTERNAL PIPE REPAIR SLEEVES); 99.2-100.4 DS; 105.1-105.7 DS. LINE THROUGH.								
S-MA70026389	13895	20	KATE ST	MH AT ELGIN AV TO MH AT WILLIAM AV	S-MH70005556	4.29	S-MH20016710	5.04	107.0	600	600	C	CS	VC	25	10	2	13.9 DS TBI @ 1:00; 33.9 DS TBI @ 1:00;			1	0	0																		
S-MA00010131	13896	21	LANSDOVNE AV	1ST MH E OF MCGREGOR ST TO 2ND MH E OF MCGREGOR ST	S-MH00006712	2.63	S-MH00006648	3.24	95.0	300	300	C	CS	VC	27	21					1	0	28	0.6 DS DAE @ 5:00; 3.3 DS DAE; 3.5 DS DAE @ 2:00; 4.1 DS DAE @ 10:00; 9.5-9.9 DS DAE; 32.6 DS DAE; 33.3 DS DAE; 34.3 DS DAE; 35.2 DS DAE; 37.2 DS DAE @ 10:00; 41.4 DS DAE; 68.8 DS DAE; 69.7 DS DAE; 71.3 DS DAE; 77.5 DS DAE; 78.6 DS DAE; 79.6 DS DAE; 80.3 DS DAE; 80.6 DS DAE; 81.2 DS DAE; 81.9 DS DAE; 82.4 DS DAE; 81.3 DS DAE; 82.2 DS DAE; 84.6 DS DAE; 85.5 DS DAE; 86.6 DS DAE; 87.7 DS DAE; 88.3 DS DAE; 89.5 DS DAE; 90.3 DS DAE; 90.9 DS DAE; 92.3 DS DAE; 92.9 DS DAE; 93.5 DS DAE;																	
S-MA20013793	13897	22	LIFTON ST	1ST MH N OF PALMERSTON-MH @ PALMERSTON AVE	S-MH20012492	3.38	S-MH20012493	4.62	76.0	300	300	C	CS	VC	21	12	1	24.1 DS TBI @ 2:00;			1	0	1											42.3 DS (DB @ 9:00 (INFILTRATION AT CRACKS);							
S-MA20014996	13898	23	LIFTON ST	1ST MH S WESTMINSTER TO 2ND MH S WESTMINSTER AV	S-MH20013540	2.98	S-MH20012524	3.26	77.5	300	300	C	CS	VC	22	18	1	4.6 DS TBI @ 3:00;	1	3.0 DS RFC; 6.3 DS RFC;		1	0	2											18.0-20.0 DS MMC (PVC); 75.3-77.5 DS MMC (PVC);						
S-MA00004351	13899	24	MAEVISTA PL	MH @ BLECHNER DR TO 1ST MH E OF MARTELL CR	S-MH00003866	3.40	S-MH00003868	3.98	75.5	200	200	C	WWS	CONCRETE	7	7			1	23.7 DS RFC @ 2:00; 52.1-54.2 DS DAGS @ 12:00; 54.6-55.0 DS DAGS @ 12:00; 73.4-73.6 DS DAGS;																					
S-MA00016359	13900	25	MANDALAY DR	1ST MH S OF ADSUM DR TO TIE-IN @ ADSUM DR	S-MH00005003	5.83	S-TE00001661	5.92	81.0	300	300	C	WWS	CONCRETE	5	5			1	0.0-1.7 DS DAGS;		1	0	11										78.6 DS HANGING GASKET;							
S-MA00005655	13901	26	MANDALAY DR	1ST MH N OF ADSUM DR - MH AT ADSUM DR	S-MH00005044	5.77	S-TE00001660	5.93	115.5	450	450	C	WWS	CONCRETE	14	14	2	51.1 DS TBI @ 12:00; 65.7 DS TBI @ 12:00;	1	29.3 DS RFC @ 12:00;		1	27.7	6																	
S-MA20007707	13902	27	MARJORIE ST	1ST MH S. OF ELLICE AV. TO 2ND MH S. OF ELLICE AV	S-MH20007096	2.31	S-MH20007048	2.52	85.5	375	375	C	CS	CONCRETE	7	7			1	0.0-2.9 DS DAGS;														54.5 DS MSA AT HOLE @ 6:00; 28.0 US MSA;							
S-MA00004323	13903	28	MARTELL CR S LEG	MH AT BLECHNER DR TO MH AT MARTELL CR W LEG	S-MH00003859	2.61	S-MH00003833	3.35	80.5	200	200	C	WWS	CONCRETE	5	5			1	15.0 DS RFC; 34.6 DS RFC; 76.5 DS RFC @ 9:00;		1	3	2																	

Sewer Details															Required CCTV Inspections						
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Manholes				Size				Shape	Flow Type	Material	Pre-Repair	Pre-Design	Pre-Lining	Post-Lining	Post-Design	Warranty
					Upstream	Depth (m)	Downstream	Depth (m)	Length (m)	Height (mm)	Width (mm)										
S-MA20017053	13878	3	ADELAIDE ST (CL)	1ST MH S OF BANNATYNE AV TO MH AT BANNATYNE AV	S-MH20015315	3.49	S-MH200106910	5.60	50.0	375	375	C	CS	VC	No	No	Yes	Yes	No	TBD	
S-MA00005498	13879	4	AMBERGATE DR (N BV)	MH AT AMBER TRAIL TO 1ST MH E OF AMBER TRAIL	S-MH00004910	6.95	S-MH00004909	7.41	76.5	450	450	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00005484	13880	5	AMBERGATE DR (N BV)	1ST MH W OF PIPELINE RD TO MH AT PIPELINE RD	S-MH00004892	7.64	S-MH00004893	7.19	90.5	525	525	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00004488	13881	6	BLECHNER DR	MH AT MANDEN CR TO 1ST MH E OF MANDEN CR	S-MH00003980	3.85	S-MH00003983	4.77	108.0	200	200	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00010175	13882	7	CARRUTHERS AV	MH AT MCGREGOR ST (E.PL.) TO 1ST MH E OF MCGREGOR ST	S-MH00006695	2.55	S-MH00006694	2.93	69.5	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD	
S-MA20008105	13883	8	COLLEGIATE ST	2ND MH S OF SILVER AV TO 3RD MH S OF SILVER AV	S-MH20007447	3.14	S-MH20007446	3.44	109.5	375	375	C	CS	VC	No	No	Yes	Yes	No	TBD	
S-MA20001197	13884	9	CORBETT DR (W LEG)	MH AT COSTELLO DR TO 1ST MH S OF COSTELLO DR	S-MH20001056	3.10	S-MH20001054	3.15	92.0	200	200	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA20003861	13885	10	COUNTRY CLUB BV.	MH AT PORTAGE AV. TO 1ST MH S.OF PORTAGE AV.	S-MH20003538	2.52	S-MH20003539	2.90	34.0	300	300	C	LDS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA20009809	13886	11	EMPRESS (W.PL)	1ST MH S OF ELLICE AV TO 2ND MH S OF ELLICE AV	S-MH20008971	3.65	S-MH20008970	3.69	77.0	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA70162512	13887	12	FERRY RD	MH AT SARGENT AV TO OUTFALL IN N DITCH	Ditch Culvert	N/A	S-MH70080161	1.52	11.5	450	450	C	LDS	CMP	Yes	No	Yes	Yes	No	TBD	
S-MA20001118	13888	13	FREMONT BY (N.LEG)	MH AT FREEMONT BY (E.LEG)TO 1ST MH W.OF FREEMONT BY (E.LEG)	S-MH20000991	2.74	S-MH20000992	2.84	27.0	450	450	C	LDS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA20002178	13889	14	GERROND BY (N LEG)	1ST MH E OF CAVALIER DR. TO 1ST MH W OF CAVALIER DR.	S-MH20001988	3.73	S-MH20001747	3.97	72.0	250	250	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA20003627	13890	15	GOLF BV	MH AT MCBEY AV TO 1ST MH N OF MCBEY AV	S-MH20003334	3.47	S-MH20003337	4.02	103.5	250	250	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00011654	13891	16	HARTFORD AV (CL)	MH AT MCGREGOR ST TO 1ST MH E OF MCGREGOR ST	S-MH00010034	4.65	S-MH00010027	4.96	95.5	375	375	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA70026715	13892	17	INKSTER BV.	MH AT SALTER ST. TO 1ST MH E.OF SALTER ST.	S-MH00011105	6.07	S-MH00011129	5.84	97.0	450	450	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA20018577	13893	18	ISABEL ST	MH AT MCDERMOT AV TO TEE AT BANNATYNE AV	S-MH20016632	5.45	S-MH70008174	6.04	102.5	600	600	C	CS	BRICK	Yes	No	Yes	Yes	No	TBD	
S-MA70069623	13894	19	ISABEL ST	MH AT PACIFIC AV SPL TO MH AT PACIFIC AV CL	S-MH70012815	5.06	S-MH20016873	5.06	9.5	600	600	C	CS	BRICK	No	No	Yes	Yes	No	TBD	
S-MA70026389	13895	20	KATE ST	MH AT ELGIN AV TO MH AT WILLIAM AV	S-MH70005556	4.29	S-MH20016710	5.04	107.0	600	600	C	CS	VC	No	No	Yes	Yes	No	TBD	
S-MA00010131	13896	21	LANSDOWNE AV	1ST MH E OF MCGREGOR ST TO 2ND MH E OF MCGREGOR ST	S-MH00006712	2.63	S-MH00006648	3.24	95.0	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD	
S-MA20013793	13897	22	LIPTON ST	1ST MH N OF PALMERSTON-MH @ PALMERSTON AVE	S-MH20012492	3.38	S-MH20012493	4.62	76.0	300	300	C	CS	VC	Yes	No	Yes	Yes	No	TBD	
S-MA20014996	13898	23	LIPTON ST	1ST MH S WESTMINSTER TO 2ND MH S WESTMINSTER AV	S-MH20013540	2.98	S-MH20012524	3.26	77.5	300	300	C	CS	VC	Yes	No	Yes	Yes	No	TBD	
S-MA00004351	13899	24	MAEVISTA PL	MH @ BLECHNER DR TO 1ST MH E OF MARTELL CR	S-MH00003866	3.40	S-MH00003868	3.98	75.5	200	200	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00016359	13900	25	MANDALAY DR	1ST MH S OF ADSUM DR TO TIE-IN @ ADSUM DR	S-MH00005003	5.83	S-TE0001661	5.92	81.0	300	300	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00005655	13901	26	MANDALAY DR	1ST MH N OF ADSUM DR - MH AT ADSUM DR	S-MH00005044	5.77	S-TE0001660	5.93	115.5	450	450	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA20007707	13902	27	MARJORIE ST	1ST MH S. OF ELLICE AV. TO 2ND MH S. OF ELLICE AV	S-MH20007096	2.31	S-MH20007048	2.52	85.5	375	375	C	CS	CONCRETE	Yes	No	Yes	Yes	No	TBD	
S-MA00004323	13903	28	MARTELL CR S LEG	MH AT BLECHNER DR TO MH AT MARTELL CR W LEG	S-MH00003859	2.61	S-MH00003833	3.35	80.5	200	200	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD	
S-MA00010182	13904	29	MCGREGOR ST	1ST MH N. OF CARRUTHERS AV. TO MH AT MATHESON AV.	S-MH00006710	2.37	S-MH00006721	4.52	43.0	225	225	C	CS	VC	No	No	Yes	Yes	No	TBD	

Sewer Details														Required CCTV Inspections						
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Manholes			Size				Shape	Flow Type	Material	Pre-Repair	Pre-Design	Pre-Lining	Post-Lining	Post-Design	Warranty
					Upstream	Depth (m)	Downstream	Depth (m)	Length (m)	Height (mm)	Width (mm)									
S-MA20016621	13905	30	MCMICKEN ST	1ST MH N OF ELLICE AV TO MH AT ELLICE AV	S-MH20014932	4.41	S-MH20014947	5.55	101.0	225	225	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA20013647	13906	31	MIDDLE GATE	1ST MH S. OF WEST GATE TO MH AT WEST GATE	S-MH20012437	2.46	S-MH20012356	2.79	66.0	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20010475	13907	32	MOUNTAIN AV	1ST MH E. OF FIFE ST. TO 2ND MH E. OF FIFE ST.	S-MH00008313	4.36	S-MH00008333	4.97	98.0	450	450	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20008789	13908	33	PARKVIEW ST	1ST MH S OF PORTAGE TO 2ND MH S OF PORTAGE AVE	S-MH20008164	2.81	S-MH20008101	3.03	111.5	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA20004175	13909	34	POOLE CR	1ST MH W OF SHELLY ST TO MH AT SHELLEY ST	S-MH20003835	2.40	S-MH20003836	2.47	30.5	200	200	C	WWS	CONCRETE	Yes	No	Yes	Yes	No	TBD
S-MA20008936	13910	35	PORTAGE AV	RIVERBEND LIFT STATION	S-TE20002180	10.44	S-TE20002179	N/A	3.5	525	525	C	CS	CONCRETE	Yes	No	Yes	Yes	No	TBD
S-MA20009009	13911	36	PORTAGE AV (S OF CL TO S CURB)	MH W OF ROUTE 90 TO MH E OF ROUTE 90	S-MH20008313	9.50	S-MH20010371	9.89	61.5	450	450	C	WWS	STEEL	No	No	Yes	Yes	No	Yes
S-MA70100290	13911	36	PORTAGE AV (S OF CL TO S CURB)	MH W OF ROUTE 90 TO MH E OF ROUTE 90	S-MH20008313	9.50	S-MH20010371	9.89	61.5	300	300	C	WWS	STEEL	No	No	Yes	Yes	No	Yes
S-MA70100297	13911	36	PORTAGE AV (S OF CL TO S CURB)	MH W OF ROUTE 90 TO MH E OF ROUTE 90	S-MH20008313	9.50	S-MH20010371	9.89	61.5	500	500	C	WWS	STEEL	No	No	Yes	Yes	No	Yes
S-MA20003533	13912	37	RAQUETTE ST W OF CL	1ST MH N OF BROWNING BV TO MH AT HAULTAIN CR (S LEG)	S-MH20003245	2.92	S-MH20003244	2.74	80.5	200	200	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20012944	13913	38	ROBINSON ST	MH AT SUTHERLAND AV TO 1ST MH N OF SUTHERLAND AV	S-MH00011559	3.76	S-MH00011569	3.90	122.0	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA70157949	13914	39	ROW S OF ELLICE	1ST CB W OF BURNELL TO TEE AT BURNELL	S-CB20015557	1.78	NEW MH REQ'D	5.06	73.5	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20010454	13915	40	SANFORD ST	1ST MH S OF WELLINGTON TO MH AT WELLINGTON AVE	S-MH20009543	3.05	S-MH20009550	4.08	96.5	450	450	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20010520	13916	41	SASKATCHEWAN AV.	2ND MH W. OF MIDLAND ST. TO 1ST MH W. OF MIDLAND ST	S-MH20009606	3.22	S-MH20009605	4.04	104.0	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA20000595	13917	42	SCHOOL RD (W. PL)	MH AT AMARYNTH CR TO MH AT ANTOINE AV	S-MH20000516	2.94	S-MH20000529	2.85	100.5	600	600	C	LDS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20017728	13918	43	SHERBURN ST	MH AT YARWOOD AT TO 1ST MH N OF YARWOOD AV	S-MH20015862	4.07	S-MH20015898	4.55	83.5	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA20017737	13919	44	SHERBURN ST	2ND MH N OF WELLINGTON AV TO MH AT YARWOOD AV	S-MH20015864	3.75	S-MH20015862	4.48	93.5	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA00012299	13920	45	SINCLAIR ST (CL)	1ST MH S OF CHURCH AV TO 2ND MHS OF CHURCH AV	S-MH00010722	4.46	S-MH00010644	4.89	70.5	375	375	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20001512	13921	46	STRADFORD ST	2ND MH S OF HAMILTON AV (SLG) TO MH AT NESS AV	S-MH20001355	2.72	S-MH20001356	3.25	86.5	250	250	C	WWS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20008813	13922	47	TRURO ST.	1ST MH S. OF SILVER AV. TO 2ND MH S. OF SILVER AV	S-MH20007351	3.17	S-MH20007352	3.98	113.0	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20010434	13923	48	WELLINGTON AV	MH AT EMPRESS ST TO 1ST MH W OF EMPRESS ST	S-MH20009514	4.94	S-MH20009522	5.32	88.0	750	750	C	CS	CONCRETE	Yes	No	Yes	Yes	No	TBD
S-MA20013637	13924	49	WEST GATE	4TH MH W OF MIDDLE GT TO 5TH MH W OF MIDDLE GT	S-MH20012351	3.21	S-MH20012396	3.87	77.5	300	300	C	CS	VC	No	No	Yes	Yes	No	TBD
S-MA20013638	13925	50	WEST GATE	3RD MH W OF MIDDLE GT TO 4TH MH W OF MIDDLE GT	S-MH20012360	2.78	S-MH20012351	3.21	44.5	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20013646	13925	50	WEST GATE	2ND MH W OF MIDDLE GATE TO 3RD MH W OF MIDDLE GATE	S-MH20012359	2.64	S-MH20012360	2.78	38.5	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA20013645	13926	51	WEST GATE	1ST MH W OF MIDDLE GT TO 2ND MH W OF MIDDLE GT	S-MH20012358	2.40	S-MH20012359	2.64	27.5	300	300	C	CS	CONCRETE	No	No	Yes	Yes	No	TBD
S-MA70161866	13927	52	YARWOOD AV	1ST MH W OF LIPTON ST TO MH AT INGERSOLL ST	S-MH70079921	3.00	S-MH20015855	4.22	38.0	250	250	C	LDS	VC	No	No	Yes	Yes	No	TBD