

2013 Sewer Renewals by CIPP Lining, Contract 11, Bid Opportunity 679-2013

Appendix A - Table E2.3.6 - Repair Requirements

Sewer Details										Repair Requirements		
Drawing	Sewer Asset	Street Name	Manholes		Length	Size		Shape	Sewer Services	Patching	Removal of Intruding Connections	Solid Debris Cutting/Other
			Upstream	Downstream		Height	Width					
	MA50003063	Aulneau St	MH50002588	MH50002589	93.6	1350	900	Egg	18		16.5 CNI @10 DS; 53.8 CNI @02 DS; 54.8 CNI @10 DS; 62.4 CNI @10 DS;	75.3 RM @07-10 DS; 78.8 RM @02-05 DS; 86.5 RM @02-05 DS; 90.3 RM @07-10 DS;
	MA50003064	Aulneau St	MH50002589	MH50002590	71.8	1350	900	Egg	15		23.7 CNI @02 DS; 23.7 CNI @10 DS;	35.8 RM @10 DS;
	MA50003065	Aulneau St	MH50002590	MH50002591	60.1	1350	900	Egg	14			
	MA50003066	Aulneau St	MH50002591	MH50002578	15.1	1200		Circ	3			7.7 CN EM @02-05 DS; 14.9 CN EM @02 DS;
	MA50003067	Aulneau St	MH50002586	MH50002588	14.0	1350	900	Egg	5	4.3-15.3 @04-08 DS;		
	MA40006087	Bardal By	MH40005528	MH40005549	111.3	300		Circ	15		76.1 CNI @09 DS;	
	MA50008683	Bertrand St	MH50002430	MH50007249	77.9	1200		Circ	5		Contractor to remove weir wall prior to lining and reinstall after the lining	19.7 EL @10 DS; 20.5 CN EL @10 DS; 73.4 CN EL @10 DS;
	MA50008695	Bertrand St	MH50007249	MH50002386	15.5	1350	900	Egg	3			
	MA40002437	Cheriton Av	MH40002195	MH40002193	91.9	300		Circ	14		6.5 CNI @03 DS; 16.7 CNI @09 DS;	0.0-91.9 EL @06/Roots DS; EPR 78.7-80.7 DS (By Others);
	MA50002714	De La Morenie St	MH50002307	MH70027286	86.4	1150	750	Egg	13			
	MA50002716	De La Morenie St	MH50002309	MH50002310	61.1	1150	750	Egg	15	4.0-8.0 @05-07 DS;		
	MA50002717	De La Morenie St	MH50002310	MH50002306	12.2	1150	750	Egg	2			
	MA50002801	De La Morenie St	MH50002306	MH50002392	48.8	1150	750	Egg	8	9.0-12.0 @05-07 DS;		27.3 EM @02-06 DS;
	MA50002802	De La Morenie St	MH50002392	MH50002393	56.7	1150	750	Egg	11			1.9 CN EL @02 DS; 11.6 CN RM @01 DS; 15.5 CN EL @02-05 DS; 21.0 EL @02-05 DS; 23.3 EL @02-06 DS;
	MA50002803	De La Morenie St	MH50002393	MH50002394	47.3	1150	750	Egg	9		3.3 CNI @02 DS; 14.7 CNI @10 DS;	3.3 CNI RM @02-05 DS; 12.3 RM @01-05 DS; 14.7 CN RM @10 DS; 22.8 RM @07-10 DS; 27.6 RM @07-10 DS; 38.3 RM @10 DS;
	MA50002798	Dollard Bv	MH50002388	MH50002389	94.1	1350	900	Egg	15	92.0-95.0 (into MH50002389) @04-08 DS;	58.2 CNI @02 DS; 71.3 CNI @03 DS; 80.1 CNI @04 DS; 89.2 CNI @09 DS; 89.3 CNI @04 DS; 92.6 CNI @08 DS;	26.8 CN EM @07-10 DS; 81.4 EL @03-05 DS;
	MA50003037	Dollard Bv	MH50002389	MH50002564	104.0	1350	900	Egg	24		6.7 CNI @02 DS; 39.9 CNI @09 DS; 66.5 CNI @03 DS; 73.1 CNI @02 DS;	6.7 EL @02-04 DS;
	MA50003060	Dollard Bv	MH50002564	MH50002586	94.1	1350	900	Egg	18		6.3 CNI @10 DS;	18.8 EL @08-11 DS; 20.8 EL @02-04 DS; 51.6 RM @01 DS;
	MA50003616	Ferndale Av	MH50003112	MH50003113	82.4	300		Circ	12		1.0 CNI @10 DS; 14.7 CNI @10 DS; 17.0 CNI @02 DS; 33.4 CNI @10 DS; 41.1 CNI @10 DS; 50.3 CNI @10 DS;	
	MA50003016	Hamel Av	MH50002545	MH50002548	104.4	1150	750	Egg	10			70.5 CN RM @10 DS;
	MA50003032	Hamel Av	MH50002313	MH50002545	105.0	1150	750	Egg	9		53.8 CNI @10 DS;	
	MA50003097	Hamel Av	MH50002548	MH50002621	94.3	1150	750	Egg	3		49.6 CNI @10 DS;	
	MA40006569	Helmsdale Av	MH40006009	MH40006001	97.6	300		Circ	16			
	MA40008530	Hespeler Av	MH40007772	MH40007837	95.7	200		Circ	15			EPR 0.0-3.0 DS (By Others);
	MA50004531	La Verendrye	MH50003871	MH70017454	39.9	300		Circ	2			0.0-39.9 DEG DS;
	MA50004533	La Verendrye	MH50003873	MH50003874	95.7	300		Circ	9		47.4 CNI @12 DS;	
	MA70036482	La Verendrye	MH70016694	MH50003871	24.4	300		Circ	0			
	MA70042662	La Verendrye	MH70017454	MH50003873	61.8	300		Circ	7			0.0-61.8 DEG DS;
	MA40002480	McKay Av	MH40002232	MH40002294	98.8	300		Circ	16		8.9 CNI @09 DS; 44.4 CNI @03 DS; 61.9 CNI @03 DS; 89.6 CNI @02 DS;	4.6 EL @06 DS; 51.6 EL @06 DS; 76.1 EL @03-05 DS;
	MA40002484	McKay Av	MH40002232	MH40002255	90.4	300		Circ	15		7.5 CNI @10 DS; 57.5 CNI @03 DS;	EPR 76.5-81.1 DS (By Others);
	MA40005620	McLeod Av	MH40005102	MH40005125	108.6	250		Circ	13			0.0-108.6 EL-EH DS;
	MA70031588	McLeod Av	MH40005125	MH70044134	98.1	250		Circ	13		12.1 CNI @01 DS; 54.7 CNI @12 DS;	2.9-3.4 EH @08-05 DS; 9.5-10.0 EM @09-03 DS; 11.3 EMJ @07-12 DS; 12.1 EM @11-06 DS; 21.0-22.0 EM @07-05 DS; 32.4 EM @09-03 DS; 67.8 EM @09-04 DS; 96.1 EM @10-05 DS;
	MA50009820	Notre Dame St	MH50008082	MH50008083	80.9	300		Circ	13		22.1 CNI @02 DS;	
	MA50009821	Notre Dame St	MH50008083	MH50008084	79.7	300		Circ	7		14.0 CNI @10 DS; 14.8 CNI @10 DS;	
	MA40001964	Pleasant By	MH40001754	MH40001768	103.3	300		Circ	10			12.0-34.0 DEG DS; 50.6 CN EM @02 DS;
	MA50003033	Ritchot St	MH50002561	MH50002562	96.7	300		Circ	17		2.0 CNI @02 DS; 23.1 CNI @02 DS; 23.3 CNI @10 DS; 4.0 CNI @02 US; 10.4 CNI @02 US; 16.1 CNI @10 US; 19.1 CNI @02 US; 33.7 CNI @02 US; 49.3 CNI @02 US;	59.0 RM @09-03 US;
	MA40007058	Riverton Av	MH40006438	MH40007746	115.3	300		Circ	30		12.0 CNI @02 DS; 73.8 CNI @10 DS; 112.1 CNI @10 DS; 113.1 CNI @02 DS;	
	MA50002795	St Jean Baptiste St	MH50002386	MH50002387	77.9	1350	900	Egg	9	73.0-78.0 @04-08 DS;	6.4 CNI @03 DS; 19.6 CNI @03 DS;	14.0-21.0 EL @05-07 DS;
	MA50002797	St Jean Baptiste St	MH50002387	MH50002388	13.9	1350	900	Egg	1	6.5-15.5 @05-07 DS; 13.5-14.5 @03-05 DS;		