

2015 Sewer Renew 2015 Sewer Renewals by CIPP Lining, Contract 3, Bid Opportunity 821-2015

Appendix B - Table E.2.3.6 - Design Conditions

Sewer Details														Design Conditions				
DWG	Sewer Asset	Street Name	Location	Manholes				Length	Size		Shape	Flow Type	Material	Installation of New MH by Others	Max Depth	Pre EPR Ovality	Post EPR Ovality	PD/FD ¹
				Upstream	Depth	Downstream	Depth		Height	Width								
11073	S-MA60022780	DUCHARE AV	3RD MH E HOUE DR WLEG - MH @ HOUE DR ELEG	MH60019113	3.72	MH60019114	4.11	91.1	250		Circ	SANITARY	CO-CONCRETE		4.11	2		FD
11074	S-MA60015772	PEMBINA HWY (WOFCL)	2ND MH S OF BISON DR - 3RD MH S OF BISON DR	MH60013489	2.06	MH60013489	2.06	97.3	300		Circ	SANITARY	CO-CONCRETE		2.06	2		FD
11075	S-MA60021342	PEMBINA HY	3RD MH N ADAMAR RD - 4TH MH N ADAMAR RD	MH60015578	4.39	MH60014381	4.69	88.1	250		Circ	SANITARY	CO-CONCRETE		4.69	2		FD
11076	S-MA60004295	PARK BV N	2ND MH S OF WELLINGTON CR TO MH AT NANTON BV	MH60003104	3.74	MH60003106	4.73	106.3	300		Circ	SANITARY	VC-VITRIFIED CLAY		4.73	14	10	FD
11077	S-MA60023430	CENTENNIAL ST	3RD MH N OF GROSVENOR AVE - NODE @ KINGSWAY AVE (CL)	MH60006387	5.65	TE70019282	-	102.0	450		Circ	COMBINED	VC-VITRIFIED CLAY		5.65	15	7	FD
11078	S-MA60008105	BOREBANK ST (CL)	3RD MH N OF GROSVENOR AV TO MH AT KINGSWAY (CL)	MH60006626	3.92	MH60006632	4.56	101.3	375		Circ	COMBINED	VC-VITRIFIED CLAY		4.56	9		FD
11079	S-MA60012936	PEMBINA HWY	2ND MH S OF WINDERMERE AV TO MH AT SOMERSET AV	MH60011079	4.69	MH60011096	4.67	91.7	300		Circ	SANITARY	CO-CONCRETE		4.69	2		FD
11080	S-MA70018146	WATERLOO ST	4TH MH N OF CORYDON AV TO MH AT GROSVENOR AV	MH60006939	6.23	MH60006928	7.48	92.2	600		Circ	COMBINED	CO-CONCRETE		7.48	5		FD
11081	S-MA60009447	SCOTLAND AV	MH AT STAFFORD ST (CL) TO 1ST MH W OF WENTWORTH ST	MH60009965	4.10	MH60008132	4.08	86.2	375		Circ	COMBINED	VC-VITRIFIED CLAY		4.10	11	2	FD
11082	S-MA60012122	WALKER AV	2ND MH W OF DALY ST S TO 3RD MH W OF DALY ST S	MH60010396	4.42	MH60010319	5.85	86.3	375		Circ	COMBINED	VC-VITRIFIED CLAY		5.85	7		FD
11083	S-MA60012203	WALKER AV	1ST MH W OF DALY ST S TO 2ND MH W OF DALY ST S	MH60010385	4.32	MH60010396	4.42	86.4	375		Circ	COMBINED	VC-VITRIFIED CLAY		4.42	7		FD
11084	S-MA60009642	FLEET AV	MH AT STAFFORD ST TO 1ST MH W OF WENTWORTH ST	MH60008005	4.75	MH60008011	4.66	86.4	375		Circ	COMBINED	VC-VITRIFIED CLAY		4.75	15	10	FD
11085	S-MA60009060	WEATHERDON AV	MH AT PEMBINA HW TO 1ST MH E OF ARBUTHNOT ST	MH60007470	4.19	MH60007466	4.10	78.9	300		Circ	COMBINED	PVC-POLYVINYL CHLORIDE		4.19	2		FD
11086	S-MA60009190	MULVEY AV	1ST MH W OF PEMBINA HW TO MH AT PEMBINA HW (CL)	MH60007584	3.07	MH60007623	4.09	97.3	300		Circ	COMBINED	VC-VITRIFIED CLAY		4.09	13	10	FD
11087	S-MA50011692	HINDLEY AV S OF CL	1ST MH E OF ST MARYS RD TO MH AT ST MARYS RD EPL	MH50009430	3.07	MH50009431	2.86	30.0	525		Circ	STORM	CO-CONCRETE		3.07	2		FD
11088	S-MA50014595	KINGSTON RW	MH @ EDINBURGH ST-1ST MH E OF EDINBURGH ST	MH50011682	4.77	MH50011700	6.07	125.9	1125	750	Egg	COMBINED	CO-CONCRETE		6.07	5		FD
11089	S-MA50018725	SADLER AV	1ST MH W OF FITZPATRICK RD-MH AT FITZPATRICK RD	MH50014438	1.99	MH50015029	2.87	129.0	300		Circ	SANITARY	CO-CONCRETE		2.87	27	2	FD
11090	S-MA60021699	OSBORNE ST (WPL)	MH @ BARTLET AVE (SPL) TO MH @ KYLEMORE AVE	MH60018517	5.75	MH60007164	5.70	107.6	900 (1200)	(900)	Circ (Egg)	COMBINED	CO-CONCRETE		5.75	2		FD
11091	S-MA50017758	ROSEWARNE AV	2ND MH E OF KINGSTON RW TO 3RD MH E OF KINGSTONRW	MH50014368	6.45	MH50010068	6.65	107.4	1350	900	Egg	COMBINED	CO-CONCRETE		6.65	5		FD
11092	S-MA70032289	PILGRIM AV	1ST MH E OF ST ANNES RD TO NODE AT ST ANNES RD	MH50012498	4.01	TE50003395	-	112.0	375		Circ	SANITARY	VC-VITRIFIED CLAY	Yes	4.01	13		FD
11093	S-MA50015608	PILGRIM AV (CL TO N OF CL)	3RD MH W OF EGERTON R TO MH AT DES MEURONS S EPL	MH50012504	3.10	MH50012503	3.47	85.2	300		Circ	SANITARY	CO-CONCRETE		3.47	10		FD
11094	S-MA50005848	BARBERRY RD (S LEG)	MH AT BARBERRY RD (E LEG) TO 1ST MH W OF BARBERRY RD (E LEG)	MH50004961	4.21	MH50004962	4.66	107.5	200		Circ	SANITARY	CO-CONCRETE		4.66	5		FD
11095	S-MA20008513	DOUGLAS PARK RD (S LEG)	MH AT DOUGLAS PARK RD-1ST MHW OF DOUGLAS PARK RD	MH20007842	3.40	MH20007849	4.80	29.2	150		Circ	COMBINED	VC-VITRIFIED CLAY		4.80	2	2	FD
11096	S-MA20008522	DOUGLAS PARK RD (S LEG)	1ST MH E OF DOUGLAS PARK RD-MH AT DOUGLAS PARK RD	MH20007848	3.37	MH20007849	4.80	32.8	150		Circ	COMBINED	VC-VITRIFIED CLAY		4.80	2		FD
11097	S-MA20008500	DEER LODGE PL (E LEG)	2ND MH S OF PORTAGE AV - 3RD MH S OF PORTAGE AV	MH20007917	3.85	MH20007835	4.25	74.1	300		Circ	COMBINED	CO-CONCRETE		4.25	12	7	FD
11098	S-MA20010610	PORTAGE AV	1ST MH W OF STRATHCONA ST TO MH AT STRATHCONA ST	MH20009676	6.48	MH20009681	7.24	76.8	750		Circ	COMBINED	CO-CONCRETE		7.24	4	4	FD
11099	S-MA70016029	LANE W OF DOMINION ST	1ST MH S OF WOLSELEY AV TO NODE AT WOLSELEY AV	MH70006432	2.92	TE70008265	-	54.8	600		Circ	SANITARY	CO-CONCRETE	Yes	2.92	2		FD
11100	S-MA20015053	WESTMINSTER AV	1ST NODE E OF RUBY ST TO MH AT RUBY ST (CL)	MH20012753	4.10	MH70017578	2.50	32.7	300		Circ	COMBINED	VC-VITRIFIED CLAY		4.10	5	5	FD
11101	S-MA20013963	ETHELBERT ST	2ND MH S OF WESTMINSTER AV TO 1ST MH S OF WESTMINSTER AV	MH20012649	4.86	MH20012652	5.61	78.4	300		Circ	COMBINED	VC-VITRIFIED CLAY		5.61	9		FD
11102	S-MA20015313	WESTMINSTER AV	MH AT CANORA ST TO MH AT CHESTNUT ST	MH20013811	6.62	MH20013810	6.73	81.4	900		Circ	COMBINED	CO-CONCRETE		6.73	5		FD
11103	S-MA20015338	WALNUT ST	MH AT WESTMINSTER AV TO NODE AT PURCELL AV	MH20013824	7.00	TE20005403	-	87.6	900		Circ	COMBINED	CO-CONCRETE	Yes	7.00	2		FD
11104	S-MA20013652	WEST GATE	1ST MH SE OF CORNISH AV TO MH AT CORNISH AV	MH20012365	6.83	MH20012366	8.67	83.5	450		Circ	COMBINED	VC-VITRIFIED CLAY		8.67	10	8	FD
11105	S-MA60020740	NASSAU ST N	1ST MH N OF STRADBROOK AV TO 2ND MH E OF WILMOT PL (ON RIVER AV)	MH60017837	6.86	MH60017812	7.10	163.9	1350	900	Egg	COMBINED	BR-BRICK		7.10	5		FD
11106	S-MA20014360	WESTMINSTER AV	MH AT MARYLAND ST (W PL) TO 1ST MH W OF MARYLAND ST	MH20012977	1.52	MH20012978	1.52	94.5	300		Circ	COMBINED	VC-VITRIFIED CLAY		1.52	12		FD
11107	S-MA20014625	SHERBROOK ST	MH AT PORTAGE AV (NPL) TO 1ST MH S PORTAGE AV	MH20013205	4.00	MH20013206	4.53	119.3	300		Circ	SANITARY	VC-VITRIFIED CLAY		4.53	2		FD
11108	S-MA20014265	BROADWAY (CL)	MH AT DONALD ST (CL) TO MH AT SMITH ST	MH20012895	4.06	MH20012912	5.18	99.7	375		Circ	COMBINED	CO-CONCRETE		5.18	2		FD
11109	S-MA20014268	DONALD ST (CL)	1ST MH N OF BROADWAY TO MH AT BROADWAY (CL)	MH20012907	3.59	MH20012895	4.06	66.3	375		Circ	COMBINED	CO-CONCRETE		4.06	12		FD
11110	S-MA50004083	LYNDALE DR	MH AT GAUVIN ST TO MH AT LLOYD ST	MH50003524	7.40	MH50003548	7.60	99.9	1150	900	Egg	COMBINED	CO-CONCRETE		7.60	2		FD
11111	S-MA50007468	DES MEURONS ST	MH AT ST LUC ST TO MH AT CATON ST	MH50006395	6.30	MH50006397	6.60	115.7	375		Circ	COMBINED	CO-CONCRETE		6.60	6		FD
11112	S-MA50002646	MARION ST	MH AT DES MEURONS ST TO 1ST MH E OF DES MEURONS ST	MH50002243	4.31	MH50002244	4.66	109.7	600		Circ	COMBINED	CO-CONCRETE		4.66	8		FD
11113	S-MA50010626	ARCHIBALD ST	MH AT PLINGUET ST TO 1ST MH S OF PLINGUET ST	MH50008193	4.58	MH50008627	5.42	87.1	375		Circ	COMBINED	VC-VITRIFIED CLAY		5.42	11		FD
11114	S-MA70008412	MAZENOD RD	1ST MH N OF DE BAETS ST TO 2ND MH N OF DE BAETSST	MH50009439	5.74	MH70039902	5.20	53.5	750		Circ	SANITARY	CO-CONCRETE		5.74	2		FD
11115	S-MA50009817	LA VERENDRYE ST	1ST MH E OF LAFLECHE ST TO MH AT ARCHIBALD ST	MH50008079	4.63	MH50008080	7.10	76.3	300		Circ	SANITARY	CO-CONCRETE		7.10	2		FD
11116	S-MA40013872	DAY ST	MH @ RAVELSTON AV W TO MH @ ROSSEAU AV W	MH40012531	4.36	MH40012552	4.92	89.6	250		Circ	SANITARY	VC-VITRIFIED CLAY		4.92	24	9	FD
11117	S-MA40013979	WHITTIER AV E	2ND MH E OF DAY ST TO 1ST MH E OF DAY ST	MH40012617	2.46	MH40012616	2.70	64.9	200		Circ	SANITARY	PVC-POLYVINYL CHLORIDE & CLAY		2.70	12	12	FD