

APPENDIX A

Work Program

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
1ST R.O.W. W OF PAULIN ST	1ST MH N OF ROSS AV TO MH AT ROSS AV	S-MA20019142	300	70.41	S-MH20017180	S-MH20017179	229.50	227.45	4
ADA ST.	1ST MH N OF LOGAN TO MH AT LOGAN	S-MA20007277	375	88.30	S-MH20011107	S-MH20006660	229.31	229.17	3
AIKINS ST	MH AT STELLA AVE TO MH AT FLORA AVE (N OF CL)	S-MA70015786	600	121.40	S-MH00011773	S-MH00011849	226.10	0.00	4
AIKINS ST (CL)	MHA T MANITOBA AV TO MH AT PRITCHARD AV	S-MA00013317	600	89.50	S-MH00011966	S-MH00011882	226.40	0.00	4
ALBANY ST	1ST MH N OF BRUCE AV TO 2ND MH S OF NESS AV	S-MA20007888	450	107.02	S-MH20007228	S-MH20007227	229.42	229.10	1
ALBANY ST	MH AT BRUCE AV TO 1ST MH S OF N OF BRUCE AV	S-MA20007889	375	106.38	S-MH20008016	S-MH20007228	229.76	229.42	1
ALBANY ST	2ND MH S OF SILVER AV TO 1ST MH N OF NESS AV	S-MA20007997	375	106.98	S-MH20007340	S-MH20007335	230.16	229.95	1
MCPHILLIPS	MH AT ALEXANDER AV W TO MH AT ROSS AV	S-MA20019475	900X1200	205.10	S-MH20017685	S-MH20017468	226.01	0.00	4
ALEXANDER AV	MH AT ARLINGTON ST TO MH AT DOROTHY ST	S-MA20019544	600X900	79.55	S-MH20017555	S-MH20017556	228.26	228.18	4
ALEXANDER AV (CL)	1ST MH E OF XANTE ST TO MH AT TRINITY ST	S-MA20019533	600X900	71.32	S-MH20017583	S-MH20017567	228.41	228.34	4
ALEXANDER AV (N)	1ST MH E XANTE ST TO MH AT XANTE ST	S-MA20019571	1450X1875	53.98	S-MH20017581	S-MH20017580	226.05	226.01	4
ALLENBYNE RD	3RD MH E OF FERRY RD TO 2ND MH E OF FERRY RD	S-MA20007678	375	54.50	S-MH20007023	S-MH20007024	0.00	0.00	2
AMHERST ST	1ST MH S OF NESS AV TO MH AT NESS AV	S-MA20007908	450	121.92	S-MH20007230	S-MH20007321	228.62	228.11	1
ARCHIBALD ST	MH AT NOTRE DAME ST TO MH AT LA VERENDRYE ST (W OF CL)	S-MA50009823	600	102.64	S-MH50008084	S-MH50008080	225.13	224.61	7
ARCHIBALD ST	MH AT LA VERENDRYE ST (CL) TO MH AT MISSION ST	S-MA50013609	1950X2925	44.38	S-MH50008081	S-MH50010905	222.64	0.00	7
ARCHIBALD ST	MH AT MISSION ST TO 1ST MH N OF MISSION ST	S-MA50013611	1950X2950	28.19	S-MH50010906	S-MH50010905	0.00	222.50	7
ARCHIBALD ST	1ST MH S OF ELIZABETH RD TO MH AT ELIZABETH RD	S-MA70016431	450	89.99	S-MH70006532	S-MH50008678	227.88	227.77	8
ARCHIBALD ST	1ST MH N OF MISSION ST TO 1ST MH W OF 1ST MH N OF MISSION ST	S-MA70019992	1950X2950	5.20	S-MH50010906	S-MH70007357	222.50	222.50	7
ASHBURN ST	4TH MH N OF WOLEVER AV TO MH AT ST MATTHEWS AV	S-MA20010850	300	97.23	S-MH20009901	S-MH20008344	228.60	227.14	2
ASSINIBOINE AV	MH AT COLLEGIATE ST TO MH AT FERRY RD (E OF CL)	S-MA20008548	900	89.00	S-MH20008052	S-MH20007869	227.35	225.20	2
ASSINIBOINE AV	MH AT ROSEBERRY ST TO MH AT COLLEGIATE ST	S-MA20008737	900	94.09	S-MH20008079	S-MH20008052	227.61	227.35	2
ASSINIBOINE AV	MH AT PARKVIEW ST TO MH AT ROSEBERRY ST	S-MA20008766	750	93.89	S-MH20008092	S-MH20008079	227.78	227.61	2
ASSINIBOINE AV	1ST MH E OF KENNEDY ST TO MH AT EDMONTON ST	S-MA20014040	750	77.11	S-MH20012719	S-MH20012730	226.81	226.81	5
ASSINIBOINE AV	1ST MH EAST NAVY TO MH AT GARRY	S-MA20014175	900	78.95	S-MH20012819	S-MH20012826	226.40	226.37	5
ASSINIBOINE AV	MH AT GARRY ST (CL) TO MH S OF ASSINIBOINE (AT FORT)	S-MA20014184	1200	99.17	S-MH20012826	S-MH20012853	226.37	226.37	5
ASSINIBOINE AV	MH AT CAVELL DR TO MH AT WINSTON DR (CL)	S-MA70012680	375	82.20	S-MH20008114	S-MH20008112	229.83	229.50	2
ASSINIBOINE AV	MH AT PARKSIDE DR TO MH AT PARKSIDE DR EPL	S-MA70019339	600	9.65	S-MH70005190	S-MH70007104	0.00	228.46	2
ASSINIBOINE AV	1ST MH W CAVELL DR TO MH AT CAVELL DR	S-MA70040301	450	39.56	S-MH70016002	S-MH20008114	0.00	0.00	2
AUBREY ST	MH AT PALMERSTON AV TO 1ST MH S OF PALMERSTON AV (S PL)	S-MA20013780	2800	26.50	S-MH20012470	S-MH20012464	223.32	0.00	5
AUBREY ST	MH AT WOLSELEY AV TO MH AT PALMERSTON AV	S-MA20013766	2800	236.89	S-MH20012474	S-MH20012470	223.49	223.37	5
AUBREY ST	MH AT WESTMINSTER AV TO MH AT WOLSELEY AV (CL)	S-MA20013780	2150X2800	252.07	S-MH20013548	S-MH20012474	223.61	223.49	5
AUBREY ST	MH AT PORTAGE AV TO MH AT WESTMINSTER AV	S-MA20015019	2050X2650	313.94	S-MH20013668	S-MH20013548	223.77	223.61	5
BAFFIN CR	2ND MH E OF WHYTEWOLD RD TO 1ST MH E OF WHYTEWOLD RD	S-MA20006194	250	73.82	S-MH20005674	S-MH20005677	234.43	233.33	1

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BAFFIN CR	MH AT WHYTEWOLD RD TO 1ST MH E OF WHYTEWOLD RD(CL)	S-MA20006214	250	60.96	S-MH20005692	S-MH20005691	233.98	233.72	1
BANNATYNE AV	MH AT KING ST TO MH AT ALBERT ST	S-MA20016013	1500	64.54	S-MH20014429	S-MH20014505	225.67	225.66	4
BANNATYNE AV	1ST MH E OF PRINCESS ST TO MH AT KING ST	S-MA20016032	1500	64.94	S-MH20015313	S-MH20014429	225.73	225.67	4
BANNATYNE AV	MH AT ALBERT ST TO 1ST MH E OF ALBERT ST	S-MA20016121	1500	64.39	S-MH20014505	S-MH20014584	225.66	225.59	4
BANNATYNE AV	MH AT MAIN ST (E OF CL) TO 1ST MH E OF MAIN ST	S-MA20016215	1500	85.70	S-MH20014585	S-MH20014652	224.90	224.85	4
BANNATYNE AV	1ST MH E OF MAIN ST TO MH AT RORIE ST	S-MA20016297	1500	83.95	S-MH20014652	S-MH20014669	224.85	224.80	4
BANNATYNE AV	MH AT RORIE ST TO 1ST MH E OF RORIE ST	S-MA20016321	1500	91.17	S-MH20014669	S-MH20014701	224.80	224.78	5
BANNATYNE AV	MH AT ADELAIDE ST TO 1ST MH E OF PRINCESS ST	S-MA20017054	1500	95.60	S-MH20016910	S-MH20015313	225.70	225.70	4
BANNATYNE AV	MH AT SHERBROOK ST (E PL) TO MH AT FURBY ST (W PL)	S-MA20018410	1500	79.90	S-MH20016459	S-MH20016583	0.00	0.00	4
BANNATYNE AV	MH AT FURBY ST (W PL) TO MH AT FURBY ST (CL)	S-MA20018517	1500	10.07	S-MH20016583	S-MH20016671	226.60	226.55	4
BANNATYNE AV	MH AT GERTIE ST TO MH AT FRANCES ST	S-MA20018562	1350	81.50	S-MH20016625	S-MH20016846	226.05	225.92	4
BANNATYNE AV	MH AT JUNO ST TO MH AT ISABEL ST	S-MA20018592	1000X1500	101.04	S-MH20016656	S-MH20016641	226.19	226.13	4
BANNATYNE AV	MH AT ISABEL ST TO 1ST MH E OF ISABEL ST	S-MA20018597	1200X1550	18.10	S-MH20016641	S-MH70008174	226.13	226.06	4
BANNATYNE AV	MH AT FURBY ST (CL) TO MH AT LYDIA ST	S-MA20018612	1000X1500	101.00	S-MH20016671	S-MH20016698	226.55	226.35	4
BANNATYNE AV	MH AT FRANCES ST TO MH AT ELLEN ST	S-MA20018786	1350	80.94	S-MH20016846	S-MH20016935	225.92	225.85	4
BANNATYNE AV	1ST MH E OF HARGRAVE ST TO MH AT ADELAIDE ST	S-MA20018856	1500	63.80	S-MH20016904	S-MH20016910	225.83	225.70	4
BANNATYNE AV	MH AT DAGMAR ST TO 1ST MH E OF HARGRAVE ST	S-MA20018901	1350	97.01	S-MH20016938	S-MH20016904	226.01	0.00	4
BANNATYNE AV	1ST MH E OF RORIE ST TO 2ND MH E OF RORIE ST	S-MA70001476	1474	97.02	S-MH20014701	S-MH20012082	224.69	0.00	5
BANNATYNE AV	1ST MH W OF MAIN ST TO MH AT MAIN ST (E OF PL)	S-MA70013085	1500	42.86	S-MH20014584	S-MH20014585	225.59	224.90	4
BANNATYNE AV	MH AT KATE ST TO MH AT JUNO ST	S-MA70013193	1000X1500	100.00	S-MH20016703	S-MH20016656	226.58	0.00	4
BANNATYNE AV	MH AT ELLEN ST TO MH AT DAGMAR ST	S-MA70013234	1350	79.60	S-MH20016935	S-MH20016938	225.82	0.00	4
BANNATYNE AV	MH AT SHERBROOK ST TO MH AT SHERBROOK ST (E PL)	S-MA70013299	1500	14.02	S-MH20016460	S-MH20016459	226.77	226.56	4
BANNATYNE AV	MH AT LYDIA ST TO MH AT KATE ST	S-MA70023412	1350	101.40	S-MH20016698	S-MH20016703	226.35	0.00	4
BANNATYNE AV	1ST MH E OF ISABEL ST TO MH AT HARRIET ST	S-MA70023455	1200X1550	69.10	S-MH70008174	S-MH20016651	0.00	0.00	4
BANNATYNE AV	MH AT HARRIET ST TO MH AT GERTIE ST	S-MA70023467	1200X1550	80.80	S-MH20016651	S-MH20016625	226.44	0.00	4
BANNATYNE AVE	3RD MH OF WATERFRONT TO 2ND MH OF WATERFRONT	S-MA70018581	1474	4.57	S-MH20012082	S-MH70028272	224.61	0.00	5
BEAVERBEND CR	1ST MH E OF WHYTEWOLD RD TO 2ND MH E OF WHYTEWOLD RD (AT EASEMENT)	S-MA20005595	250	83.32	S-MH20005122	S-MH20005121	233.12	231.83	1
BELVIDERE ST	2ND MH N OF PORTAGE AV TO 3RD MH N OF PORTAGE AV	S-MA20005214	300	106.08	S-MH20004777	S-MH20004824	230.90	231.01	1
BELVIDERE ST	1ST MH N OF BRUCE AV TO MH AT BRUCE AV	S-MA20005910	375	106.53	S-MH20005428	S-MH20004869	230.69	228.38	1
BELVIDERE ST	1ST MH S OF NESS AV TO 1ST MH N OF NESS AV	S-MA20005911	300	106.68	S-MH20005453	S-MH20005428	231.20	230.69	1
BERESFORD AV	1ST MH E OF NASSAU ST S - MH AT NASSAU ST S	S-MA60012386	375	96.93	S-MH60010575	S-MH60010573	227.27	226.88	6
BERNIER BAY S (N SIDE)	3RD MH E OF SPEERS RD TO 2ND MH E OF SPEERS RD	S-MA50006240	300	91.84	S-MH50005315	S-MH50005319	229.44	229.19	8
BERNIER BAY S (S SIDE)	3RD MH E OF SPEERS RD TO 2ND MH E OF SPEERS RD	S-MA50006237	300	65.40	S-MH50005315	S-MH50005316	229.44	229.02	8

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BERRY ST	1ST MH S OF WELLINGTON AV TO 1ST MH N OF SARGENT AV	S-MA20006986	600	129.54	S-MH20006398	S-MH20007148	230.83	230.66	2
BERRY ST	2ND MH S OF SASKATCHEWAN AV TO 1ST MH S OF SASKATCHEWAN AV	S-MA20007023	750	106.69	S-MH20006435	S-MH20006436	231.20	230.82	2
BERRY ST	1ST MH S OF SASKATCHEWAN AV TO MH AT SASKATCHEWAN AV	S-MA20007024	750	108.60	S-MH20006436	S-MH20006437	230.82	230.44	2
BERRY ST	2ND MH S OF SARGENT AV TO 1ST MH N OF ELLICE AV	S-MA20007777	450	95.95	S-MH20007116	S-MH20007115	231.79	231.65	2
BERRY ST	MH AT SILVER AV (SPL) TO 1ST MH S OF SILVER AV	S-MA20008353	225	93.86	S-MH20007707	S-MH20007692	231.52	231.05	2
BERRY ST	2ND MH N OF PORTAGE TO 2ND MH S OF NESS AV	S-MA20008964	375	121.92	S-MH20008267	S-MH20007520	231.95	231.73	2
BEVERLEY ST	1ST MH S OF SARGENT AV TO 2ND MH S OF SARGENT AV	S-MA20017573	300	90.83	S-MH20015766	S-MH20015771	229.09	228.50	5
BOURKEVALE DR	1ST MH S OF PORTAGE AV TO 2ND MH S OF PORTAGE AV	S-MA20008841	300	111.10	S-MH20008215	S-MH20008149	231.83	231.22	2
BRADFORD ST	2ND MH N OF WELLINGTON AV TO 2ND MH S OF SASKATCHEWAN AV	S-MA20007050	600	115.83	S-MH20006461	S-MH20006462	231.34	230.99	2
BRADFORD ST	2ND MH S OF SASKATCHEWAN AV TO 1ST MH S OF SASKATCHEWAN AV	S-MA20007051	750	115.83	S-MH20006462	S-MH20006463	230.99	230.41	2
BRADFORD ST	1ST MH N OF SARGENT AV TO MH AT SARGENT AV	S-MA20007815	600	125.17	S-MH20007159	S-MH20007160	230.38	229.92	2
BROADWAY (CL)	MH AT MARYLAND ST TO 1ST MH E MARYLAND ST	S-MA20014428	600	52.12	S-MH20013030	S-MH20013183	226.62	226.44	5
BROADWAY (CL)	MH AT SHERBROOK ST (CL) TO MH AT FURBY ST (CL)	S-MA20014605	750X1125	102.60	S-MH20013187	S-MH20013224	226.48	226.10	5
BROADWAY (CL)	MH AT SPENCE ST (CL) TO MH AT BALMORAL ST (CL)	S-MA20014765	1500	67.40	S-MH20013326	S-MH20013383	225.68	225.56	5
BROADWAY (CL)	MH AT BALMORAL ST (CL) TO MH AT GOOD ST (CL)	S-MA20014823	1500	43.62	S-MH20013380	S-MH20013386	225.55	225.47	5
BROADWAY (CL)	MH AT BALMORAL ST (CL) TO MH AT BALMORAL ST (CL)	S-MA20014824	1500	32.02	S-MH20013383	S-MH20013380	225.56	225.55	5
BROADWAY (CL)	MH AT GOOD ST (CL) TO MH AT COLONY ST (CL)	S-MA70023918	1500	60.10	S-MH20013386	S-TE20005112	225.47	225.45	5
BROOKLYN ST	2ND MH S OF NESS AV TO 1ST MH S OF NESS AV	S-MA20008181	450	114.91	S-MH20007519	S-MH20007555	231.70	231.36	2
BROOKLYN ST	1ST MH S OF SILVER AV TO 1ST MH N OF NESS AV	S-MA20008297	375	119.48	S-MH20007627	S-MH20007628	231.05	230.52	2
BROOKLYN ST	1ST MH N OF PORTAGE AV TO 2ND MH N OF PORTAGE AV	S-MA20008933	300	130.56	S-MH20008241	S-MH20008266	232.75	232.11	2
BROOKLYN ST	2ND MH N OF PORTAGE AV TO 2ND MH S OF NESS AV	S-MA20008960	375	120.09	S-MH20008266	S-MH20007519	232.11	231.70	2
BRUCE AV	MH AT GUILDFORD ST TO MH AT DUFFIELD ST	S-MA20005278	1050X1350	92.40	S-MH20004842	S-MH20004841	228.12	227.95	1
BRUCE AV	MH AT DUFFIELD ST TO MH AT SHARP BV	S-MA20005279	1000X1200	101.58	S-MH20004841	S-MH20004827	227.95	227.86	1
BRUCE AV	MH AT WOODLAWN ST TO MH AT GUILDFORD ST	S-MA20005293	1050X1350	88.81	S-MH20004843	S-MH20004842	228.23	228.12	1
BRUCE AV	MH AT BELVIDERE ST TO MH AT WOODLAWN ST	S-MA20005318	800X1200	77.97	S-MH20004869	S-MH20004843	228.38	228.23	1
BRUCE AV	1ST MH W OF CONWAY ST TO MH AT CONWAY ST	S-MA20005863	600	46.35	S-MH20005386	S-MH20005418	231.16	230.95	1
BRUCE AV	MH AT MANDEVILLE ST TO MH AT BELVIDERE ST	S-MA20008458	800X1200	79.64	S-MH20007828	S-MH20004869	228.50	228.38	1
BRUCE AV	MH AT OVERDALE ST TO MH AT MANDEVILLE ST	S-MA20008488	900	91.30	S-MH20007894	S-MH20007828	228.65	228.51	1
BRUCE AV	MH AT WINCHESTER ST TO MH AT OVERDALE ST	S-MA20008573	750	99.35	S-MH20007912	S-MH20007894	228.85	228.65	1
FERRY RD	MH AT BRUCE AV TO 1ST MH N OF PORTAGE AV	S-MA20009039	1950X3000	226.16	S-MH20008044	S-MH20007977	226.88	226.69	2
BRUCE AV	MH AT SHARP BV TO MH AT MOORGATE ST	S-MA20020013	1000X1200	102.38	S-MH20004827	S-MH20005423	0.00	227.53	1
BURROWS AV	3RD MH E OF FIFE ST TO 4TH MH E OF FIFE ST	S-MA00010264	375	96.40	S-MH00008146	S-MH00008124	227.77	226.30	3
CAMPBELL ST	1ST MH S OF CORYDON AV TO 2ND MH S OF CORYDON AV	S-MA60006202	300	85.65	S-MH60004863	S-MH60004843	230.69	230.12	6

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CARLTON ST	MH AT YORK AVENUE TO 3RD MH N OF BROADWAY	S-MA20014230	750	13.11	S-MH70013196	S-MH20012863	227.57	0.00	5
CARLTON ST	1ST MH N OF YORK AV TO MH AT YORK AV (CL)	S-MA20014235	600	57.40	S-MH20012869	S-MH70013196	227.70	227.57	5
CARTER AV	1ST MHE OF LILAC ST TO MH AT LILAC ST	S-MA60011962	300	85.04	S-MH60010182	S-MH60010179	228.11	227.02	6
CARTER AV	1ST MHE OF LILAC TO 2ND MHE OF LILAC	S-MA60009769	300	87.62	S-MH60007442	S-MH60010182	228.46	228.11	6
CARTER AV	MH AT WENTWORTH ST TO MH AT LILAC ST	S-MA60011854	375	87.48	S-MH60010073	S-MH60010131	228.35	228.01	6
CENTURY ST	MH AT NESS AV TO 1ST MH S OF NESS AV	S-MA20008201	2250	252.16	S-MH20007577	S-MH20008296	0.00	0.00	2
CENTURY ST	1ST MH N OF NESS AV TO MH AT NESS AV	S-MA20008240	2250	203.30	S-MH20007649	S-MH20007577	226.35	226.26	2
CENTURY ST	1ST MH S OF SILVER AV (W OF CL) TO 1ST MH N OF NESS AV (W OF CL)	S-MA20008317	2250	196.81	S-MH20007714	S-MH20007649	226.64	226.35	2
CENTURY ST	1ST MH N OF SILVER AV TO MH @ SILVER AV (S OF SPL)	S-MA20008376	2250	194.46	S-MH20007795	S-MH20007714	226.67	226.64	2
CENTURY ST	MH AT CENTURY ST (S OF SPL OF ST MATHEW'S) (W OF CL) TO 1ST MH N OF SILVER AV (W OF CL)	S-MA20008449	2250	144.17	S-MH20007791	S-MH20007795	226.85	226.67	2
CENTURY ST	1ST MH S OF NESS AV TO 1ST MH N OF PORTAGE AV (N OF N PL)	S-MA20008981	2250	207.26	S-MH20008296	S-MH20008281	226.27	225.87	2
CENTURY ST	1ST MH N OF SARGENT AV TO MH AT SARGENT AV	S-MA20009713	750	137.34	S-MH20008879	S-MH20008881	230.29	229.76	2
CENTURY ST	2ND MH N OF ELLICE AV TO 1ST MH S OF SARGENT AV	S-MA20009728	750	123.44	S-MH20008893	S-MH20008892	230.92	230.43	2
CENTURY ST	1ST MH N OF ELLICE AV TO 2ND MH N OF ELLICE AV	S-MA20009729	600	63.40	S-MH20008894	S-MH20008893	231.33	231.07	2
CENTURY ST	1ST MH S OF ELLICE AV TO MH AT CENTURY AV (AT MADISON ST)	S-MA20009733	600	120.70	S-MH20008901	S-MH20008900	0.00	231.18	2
CENTURY ST	2ND MH S OF SASKATCHEWAN AV TO 1ST MH S OF SASKATCHEWAN AV	S-MA20010375	750	117.36	S-MH20009471	S-MH20009466	230.77	230.50	2
CENTURY ST	3RD MH S OF SASKATCHEWAN AV TO 2ND MH S OF SASKATCHEWAN AV	S-MA20010376	600	7.01	S-MH20009472	S-MH20009471	230.80	230.77	2
CENTURY ST	3RD MH N OF WELLINGTON AV TO 3RD MH S OF SASKATCHEWAN AV	S-MA20010377	600	113.30	S-MH20009473	S-MH20009472	231.32	0.00	2
CHALMERS AV	1ST MH TO 2ND MH E OF ROCH ST	S-MA40008901	300	102.11	S-MH40008102	S-MH40007408	227.88	227.37	7
CHARLES ST	1ST MH S OF PRITCHARD AV (CL) TO MH AT SELKIRK AV (E PL)	S-MA00013444	600	48.85	S-MH00011986	S-MH00011983	226.04	225.33	4
CHARLES ST (CL)	MH AT PRITCHARD AV (CL) TO 1ST MH S OF PRITCHARD AV	S-MA00013434	600	44.81	S-MH00012040	S-MH00011986	226.85	226.04	4
CHATAWAY BV	NANTON BV TO 1ST MH N OF NANTON BV	S-MA70047067	900	83.2	S-MH70001328	S-MH70019935	0.00	227.74	2
CHERRIER ST	MH AT DUFRESNE AV TO 2ND MH W OF ARCHIBALD ST	S-MA50002507	300	88.40	S-MH50002114	S-MH50002115	227.30	227.27	7
CLIFTON ST N (N LEG 1ST BY S OF SARGENT AV)	1ST MH W OF CLIFTON ST N TO 2ND MH W OF CLIFTON ST N(AT W LEG)	S-MA20009323	300	30.18	S-MH20008574	S-MH20008532	229.47	229.29	2
COCKBURN ST N	MH AT DUDLEY AV TO MH AT GARWOOD AV	S-MA60010042	375	85.60	S-MH70016455	S-MH60008399	227.02	226.70	6
COLLEGIATE ST	1ST MH S OF NESS AV TO MH AT NESS AV	S-MA20008090	450	134.34	S-MH20007436	S-MH20007441	229.74	228.21	2
COLLEGIATE ST	2ND MH S OF NESS AV TO 1ST MH S OF NESS AV	S-MA20008091	450	138.68	S-MH20008069	S-MH20007436	230.03	229.74	2
COLLEGIATE ST	1ST MH N OF NESS AV TO MH AT NESS AV	S-MA20008101	375	110.64	S-MH20007446	S-MH20007441	232.00	228.21	2
COLLEGIATE ST	2ND MH S OF SILVER AV TO 1ST MH N OF NESS AV	S-MA20008105	375	109.42	S-MH20007447	S-MH20007446	232.54	232.00	2
COLLEGIATE ST	1ST MH S OF SILVER AV TO 2ND MH S OF SILVER AV	S-MA20008106	300	115.52	S-MH20007457	S-MH20007447	233.41	232.54	2
COLLEGIATE ST	MH AT SILVER AV (N PL) TO 1ST MH N OF SILVER AV	S-MA20008108	300	113.69	S-MH20007449	S-MH20007448	233.92	233.28	2
COLLEGIATE ST	3RD MH N OF PORTAGE AV TO 2ND MH S OF NESS AV	S-MA20008752	375	137.16	S-MH20008074	S-MH20008069	230.70	230.03	2
COLLEGIATE ST	2ND MH S OF PORTAGE AV TO 1ST MH N OF ASSINIBOINE AV	S-MA20008764	300	122.53	S-MH20008058	S-MH20008055	230.13	228.43	2

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
COLONY ST	1ST MH S BROADWAY TO 1ST MH N MOSTYN PL	S-MA20014788	1350X1800	84.33	S-MH20013353	S-MH20013357	224.87	224.52	5
COLONY ST	MH AT BROADWAY (CL) TO 1ST MH S BROADWAY	S-MA20014866	1350X1800	121.10	S-MH20013428	S-MH20013353	0.00	0.00	5
COLONY ST	MH AT ST MARY AV TO MH AT COOPER AV (CL)	S-MA20014872	1000X1500	53.30	S-MH20013437	S-MH20013436	225.61	225.60	5
COLONY ST	MH AT YORK AV TO 1ST MH N BROADWAY	S-MA20014878	1000X1500	98.44	S-MH20013442	S-MH20013438	225.39	225.24	5
COLONY ST	MH AT COOPER AV (CL) TO 1ST MH N YORK AV	S-MA20014881	1000X1500	69.55	S-MH20013436	S-MH20013441	225.60	225.43	5
COLONY ST	1ST MH N YORK AV TO MH AT YORK AV (CL)	S-MA20014897	1000X1500	28.97	S-MH20013441	S-MH20013442	225.42	225.40	5
COLONY ST	MH AT PORTAGE AV (CL) TO 1ST MH N PORTAGE AV	S-MA20016459	1000X1500	116.70	S-MH20014911	S-MH20014805	225.85	225.78	5
COLONY ST	1ST MH N PORTAGE AV TO MH AT PORTAGE AV (CL)	S-MA20016583	800X1200	125.40	S-MH20014928	S-MH20014911	226.16	0.00	5
COLONY ST	MH AT ELLICE (AT BALMORAL ST) TO 1ST MH S OF ELLICE AV	S-MA20016628	800X1200	135.80	S-MH20014958	S-MH20014928	226.38	0.00	5
COLONY ST	1ST MH N MOSTYN PL TO 1ST MH AT MOSTYN PL (NPL)	S-MA70017933	1350X1800	85.90	S-MH20013357	S-MH20013133	224.57	223.29	5
COLONY ST	1ST MH S PORTAGE AV TO 2ND MH S PORTAGE AV	S-MA70021857	1000X1500	109.02	S-MH20014805	S-MH70007916	225.78	225.61	5
COLONY ST	2ND MH S PORTAGE AV TO MH AT ST MARY AV (CL)	S-MA70021858	1000X1500	5.59	S-MH70007916	S-MH20013437	225.61	225.61	5
COLONY ST	1ST MH N BROADWAY TO MH AT BROADWAY (CL)	S-MA70036905	1000X1500	121.60	S-MH20013438	S-MH20013428	225.23	225.22	5
COLONY ST	1ST MH S OF MOSTYN PL TO LIFT	S-MA20014505	1800	61.80	S-MH20013133	TO LIFT			5
CONWAY ST	1ST MH S OF PORTAGE AV (E OF CL) TO 2ND MH S OF PORTAGE AV (E OF CL)	S-MA70019487	2510X1930	7.62	S-MH20004694	S-MH20004693	226.87	226.71	1
CONWAY ST	MH AT PORTAGE AV (1ST E OF CONWAY) (CL) TO MH AT CONWAY ST (1ST S OF PORTAGE E OF CL)	S-MA70019493	2510X1930	47.27	S-MH20004697	S-MH20004694	227.32	226.87	1
CORYDON AV	MH ONTHURSO ST (E OF CL) TO 1ST MH W OF ROCKWOOD ST	S-MA60010195	375	80.93	S-MH60008531	S-MH60008527	228.40	228.02	6
CORYDON AV	1ST MH W OF GUELPH AV TO MH AT GUELPH AV (CL)	S-MA60010505	450	79.40	S-MH60008798	S-MH60008856	0.00	0.00	6
CORYDON AV	MH AT HUGO ST N (CL) T O 1ST MH W OF DALY ST N	S-MA60021580	450	87.75	S-MH60009197	S-MH60009184	226.79	226.37	6
CORYDON ST	MH AT HARROW ST (E PL) TO 1ST MH W OF STAFFORD ST	S-MA60009515	300	81.08	S-MH60008884	S-MH60007897	229.59	229.10	6
DALY ST N	MH AT FLEET AVENUE TO MH AT MULVEY AVENUE	S-MA60009167	975X1225	81.04	S-MH60007565	S-MH60007559	224.30	224.17	6
DALY ST N	MH AT PEMBINA TO MH AT FLEET	S-MA60009184	900	84.46	S-MH60007578	S-MH60007565	224.49	224.32	6
DALY ST N	MH AT CORYDON AV TO MH AT JESSIE AV	S-MA60010644	900	100.23	S-MH60008947	S-MH60007540	223.91	223.75	6
DALY ST N	MH AT MCMILLAN AV TO MH AT CORYDON AV	S-MA60021589	900	98.50	S-MH60009202	S-MH60008947	224.10	223.91	6
DAVIDSON ST	1ST MH N OF LODGE AV TO MH AT LODGE AV	S-MA70009617	300	66.38	S-MH70003785	S-MH20005083	231.92	230.77	1
DESMEURONS ST	MH AT DESAUTELS ST TO MH AT CATHEDRALE AV	S-MA50011049	600	55.90	S-MH50008956	S-MH50008957	226.64	0.00	7
DON AV	1ST MH E OF OSBORNE ST TO MH AT OSBORNE ST (W OF CL)	S-MA60009381	300	90.22	S-MH60007771	S-MH60007766	0.00	0.00	6
DUDLEY AV	1ST MH W OF HUGO ST N TO MH AT HUGO ST N	S-MA60009096	375	87.37	S-MH60007498	S-MH60007503	226.72	226.00	6
DUDLEY AV	1ST MH W OF STAFFORD TO MH AT STAFFORD	S-MA60009443	300	77.42	S-MH60007856	S-MH60007988	229.03	228.23	6
DUDLEY AV	MH AT HARROW ST (E PL) TO 1ST MH W OF STAFFORD ST	S-MA60009460	300	77.11	S-MH60007843	S-MH60007856	229.48	229.04	6
DUDLEY AV	MH AT THURSO ST S TO 1ST MH E OF THURSO ST S	S-MA60011366	450	86.48	S-MH60009627	S-MH60009660	227.39	227.08	6
DUDLEY AV	MH AT WILTON AV TO 1ST MH W OF WILTON AV	S-MA60011441	450	86.32	S-MH60009724	S-MH60009699	227.97	227.68	6
DUDLEY AV	1ST MH E OF DALY ST TO MH AT DALY ST	S-MA70040562	300	50.50	S-MH70005567	S-MH70016194	0.00	224.83	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
DUDLEY AV (ROW)	MH AT ARBUTHNOT ST (CL) TO 1ST MH W OF COCKBURN ST N	S-MA60010011	300	87.81	S-MH60008358	S-MH60008390	227.88	227.37	6
DUDLEY CR (E OF NATHANIEL ST)	MH AT NATHANIEL ST TO 1ST MH E OF NATHANIEL ST	S-MA60011257	900	161.07	S-MH60009528	S-MH60009623	226.83	226.65	6
DUDLEY CR (N LEG) (W OF NATHANIEL ST)	2ND MH W OF NATHANIEL ST TO 1ST MH W OF NATHANIEL ST	S-MA60011230	375	69.59	S-MH60009504	S-MH60009496	228.57	227.94	6
DUFFIELD ST	2ND MH N OF PORTAGE AV TO 1ST MH AT PORTAGE AV	S-MA20005200	225	3.05	S-MH20004753	S-MH20004752	0.00	0.00	1
DUGALD RD	1ST MH W OF HOLDEN ST TO 1ST MH E OF PANET RD	S-MA50013523	1200	91.90	S-MH50010842	S-MH50010843	225.85	225.80	7
DUGALD RD	MH AT PANET RD TO 1ST MH W OF PANET RD	S-MA50013525	1200	93.27	S-MH50010844	S-MH50010845	225.71	225.62	7
DUGALD ROAD	2ND MH W OF PANET RD TO 3RD MH W OF PANET RD	S-MA70011029	1220	92.00	S-MH50010846	S-MH50010847	225.55	0.00	7
DUGAS ST	1ST MH E OF DEBOURMONT AVE TO MH AT HARPER AVE	S-MA50005463	375	97.80	S-MH50004678	S-MH50004676	228.62	228.20	8
EASEMENT	2ND MH E OF WHYTEWOLD RD (CL) TO MH AT BRUCE AV (CL)	S-MA20006132	600	81.57	S-MH20005674	S-MH20005625	232.48	232.34	1
EASEMENT (BETWEEN TURNER AV AND NESS AV)	MH AT EASEMENT (1ST S OF NESS) TO MH AT NESS (1ST W OF CONWAY ST)	S-MA20005867	600	48.62	S-MH20005387	S-MH20005391	0.00	229.78	1
EASEMENT WEST OF TRINITY ST	MH AT HENRY TO 1ST MH S HENRY	S-MA20019974	1350X1800	69.82	S-MH20017697	S-MH70016004	226.20	0.00	4
EASEMENT WEST OF TRINITY ST	1ST MH S HENRY TO MH AT LOGAN	S-MA20019975	1350X1800	67.20	S-MH70016004	S-MH20017640	226.20	0.00	4
EASMENT (AT STRATHMILLIAN RD)	MH AT STRATHMILLIAN RD (CL) 3RD MH N OF BRUCE AV TO MH AT BAFFIN CR AND CARNARVAN RD	S-MA20006266	600	93.13	S-MH20005773	S-MH20005739	232.96	232.54	1
EASMENT (S OF NESS AV)	MH AT DAVIDSON ST (2ND MH S OF NESS AV) TO MH AT STRATHMILLIAN RD (2ND MH S OF NESS AV)	S-MA20006301	450	88.03	S-MH20005774	S-MH20005773	233.21	232.96	1
EDGEWOOD ST (CL)	1ST MH W OF YOUVILLE ST TO 2ND MH W OF YOUVILLE ST	S-MA50007657	300	61.18	S-MH50006564	S-MH50006565	226.71	226.49	8
EDMONTON ST	MH AT GRAHAM AV TO 1ST MH S OF GRAHAM AV	S-MA20015696	300	27.03	S-MH20014129	S-MH20014131	229.02	227.83	5
ELLICE AV	1ST MH E OF FERRY RD OT MH AT FERRY RD (CL)	S-MA20007664	750	53.34	S-MH20007011	S-MH20007013	230.59	230.23	2
ELLICE AV	MH AT ROSEBERRY ST TO 1ST MH E OF FERRY RD (S OF CL)	S-MA20007665	750	123.04	S-MH20007012	S-MH20007011	230.78	230.59	2
ELLICE AV	1ST MH E OF ROSEBERRY ST TO MH AT ROSEBERRY ST (S OF CL)	S-MA20007666	750	87.87	S-MH20007091	S-MH20007012	230.94	230.78	2
ELLICE AV	1ST MH W OF BERRY ST TO MH AT MARJORIE ST	S-MA20007780	750	81.99	S-MH20007098	S-MH20007097	231.26	231.08	2
ELLICE AV	1ST MH E BERRY ST TO MH AT KING EDWARD ST EPL	S-MA20007780	600	107.84	S-MH20007109	S-MH70016000	231.53	0.00	2
ELLICE AV	MH AT GARFIELD ST TO MH AT SHERBURN ST	S-MA20011615	750	82.30	S-MH20008848	S-MH20015340	225.61	225.46	5
ELLICE AV	MH AT AGNES ST (CL) TO MH AT MCGEE ST (CL)	S-MA20016357	750	79.64	S-MH20014723	S-MH20014772	227.70	227.62	5
ELLICE AV	MH AT MCGEE ST (CL) TO MH AT MARYLAND ST (CL)	S-MA20016414	900X600	49.96	S-MH20014772	S-MH20014871	227.62	227.53	5
ELLICE AV	MH AT INGERSOLL ST TO JUNCTION AT LIPTON ST	S-MA20017229	900	83.89	S-MH20015458	TE- 20006214	225.24	0.00	5
ELLICE AV	MH AT TORONTO ST (CL) TO MH AT VICTOR ST (CL)	S-MA20017538	750	80.26	S-MH20015749	S-MH20015743	228.18	227.88	5
ELLICE AV	MH AT VICTOR ST (CL) TO 1ST MH W AGNES ST (CL)	S-MA70022966	750	47.74	S-MH20015743	S-MH20014723	0.00	227.70	5
ELLICE AV	MH AT SHERBURN ST TO MH AT W PL INGERSOLL ST	S-MA70033475	750	72.97	S-MH20015340	S-MH70011775	225.46	225.24	5
ELLICE AV	1ST MH E OF KING EDWARD ST TO MH AT BERRY ST (S OF CL)	S-MA70040296	600	85.00	S-MH20007119	S-MH70016000	0.00	231.44	2
ELLICE AVE	MH AT DOMINION ST TO MH AT GARFIELD ST	S-MA20009654	600	83.63	S-MH20008825	S-MH20008848	225.82	225.61	5
ERIN ST	2ND MH N OF WOLEVER AV TO 3RD MH N OF WOLEVER AV	S-MA20011296	300	92.66	S-MH20010289	S-MH20010277	0.00	0.00	2
ESTELLA ST	1ST MH N OF PORTAGE AV TO MH AT PORTAGE AV (1ST S OF CL)	S-MA20011396	450	68.89	S-MH20010387	S-MH20010386	230.73	230.62	2
ESTELLA ST	2ND MH N OF PORTAGE AV TO 1ST MH N OF PORTAGE AV	S-MA20011399	300	183.49	S-MH20009652	S-MH20010387	230.94	230.73	2

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
FERDALE AV (CL)	MH AT CONISTON ST (CL) TO 1ST MH N OF CONISTON ST	S-MA50003621	450	86.70	S-MH50003115	S-MH50003116	226.77	226.42	8
FERRY RD	1ST MH N OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MA20007630	975	137.16	S-MH20006981	S-MH20006980	229.71	229.32	2
FERRY RD	1ST MH S OF ELLICE AV TO 1ST MH N OF ST MATTHEWS AV	S-MA20007649	975	137.16	S-MH20006999	S-MH20006981	229.97	229.71	2
FERRY RD	MH AT ELLICE AV (S OF CL) TO 1ST MH S OF ELLICE AV	S-MA20007650	975	128.93	S-MH20007013	S-MH20006999	230.23	229.97	2
FERRY RD	MH AT ALLEN DYNE RD TO 1ST MH S ALLEN DYNE RD	S-MA20007673	600	55.40	S-MH20007026	S-MH70015997	0.00	0.00	2
FERRY RD	MH AT NESS AV TO MH AT BRUCE AV	S-MA20007928	1925X3000	318.45	S-MH20007331	S-MH20008044	227.20	226.88	2
FERRY RD	1ST MH N OF NESS AV TO MH AT NESS AV	S-MA20007994	1125	100.74	S-MH20007393	S-MH20007331	228.27	227.20	2
FERRY RD	1ST MH S OF SILVER AV TO 2ND MH N OF NESS AV	S-MA20008050	1125	103.91	S-MH20007427	S-MH20007394	228.58	228.40	2
FERRY RD	2ND MH N OF NESS AV TO 1ST MH N OF NESS AV	S-MA20008051	1125	109.79	S-MH20007394	S-MH20007393	228.40	228.27	2
FERRY RD	MH AT SILVER AV (S PL) TO 1ST MH S OF SILVER AV	S-MA20008084	1125	112.72	S-MH20007429	S-MH20007427	228.80	228.58	2
FERRY RD	MH AT ST MATTHEWS AV TO 1ST MH S OF ST MATHEW'S AVE	S-MA20008115	1125	172.82	S-MH20006980	S-MH20007458	229.93	229.06	2
FERRY RD	1ST MH S OF ST MATTHEWS AV TO MH AT SILVER AV	S-MA20008116	1125	170.08	S-MH20007458	S-MH20007429	229.06	228.80	2
FERRY RD	1ST MH N OF ASSINIBOINE AV TO MH AT ASSINIBOINE AV (E OF CL)	S-MA20008540	1950X3000	191.72	S-MH20007868	S-MH20007869	225.67	225.20	2
FERRY RD	1ST MH S OF PORTAGE AV TO 1ST MH N OF ASSINIBOINE AV	S-MA20008547	1950X3000	201.66	S-MH20007978	S-MH20007868	226.50	225.67	2
FERRY RD	1ST MH N OF PORTAGE AV TO 1ST MH S OF PORTAGE AV	S-MA20008663	1950X3000	117.02	S-MH20007977	S-MH20007978	226.69	226.50	2
FERRY ROAD	MH AT ASSINIBOINE AVE TO 1ST MH S OF ASSINIBOINE	S-MA70028302	1980X3050	49.50	S-MH20007869	S-MH70010263	225.20	224.99	2
FIDLER AV (N LEG)	2ND MH E OF MOUNT ROYAL RD TO 1ST MH E OF MOUNT ROYAL RD	S-MA20005159	300	110.95	S-MH20004725	S-MH20004709	233.38	232.90	1
FIDLER AV (S LEG)	3RD MH E OF MOUNT ROYAL RD TO 2ND MH E OF MOUNT ROYAL RD	S-MA20005168	300	14.38	S-MH20004722	S-MH20004723	233.41	233.29	1
FLEET AV	1ST MH W OF WENTWORTH ST TO MH AT WENTWORTH ST (W OF CL)	S-MA60009637	375	81.63	S-MH60008011	S-MH60008083	227.40	226.07	6
FLEET AV	MH AT STAFFORD ST TO 1ST MH W OF WENTWORTH ST	S-MA60009642	375	86.56	S-MH60008005	S-MH60008011	227.74	227.41	6
FLEET AV	MH AT COCKBURN ST N TO 1ST MH W OF HUGO ST N	S-MA60010055	375	86.56	S-MH60008405	S-MH60008386	226.09	225.88	6
FLORA AV	1ST MH E OF ANDREWS ST TO MH AT POWERS ST (CL)	S-MA70028382	300	93.50	S-MH00011659	S-MH00011681	227.65	0.00	4
FOURNIER ST	1ST MH E OF PANET RD TO MH AT PANET RD	S-MA50013531	900	98.80	S-MH50010848	S-MH50010849	227.92	227.72	7
FRANK ST	NODE NORTH OF CARPATHIA RD (W PL) TO MH AT CARPATHIA RD	S-MA60007646	300	45.59	plug/ node	S-MH60006189	0.00	230.27	2
GALT AV	MH AT LILY ST (E PL) TO 1ST MH E OF LILY ST	S-MA20013362	1500	104.68	S-MH20012093	S-MH20012121	224.60	224.46	4
GALT AV	1ST MH E OF LILY ST TO 2ND MH E OF LILY ST	S-MA70021213	1500	106.40	S-MH20012121	S-MH70007768	224.46	224.03	4
GARDEN RD	MH AT PORTAGE AV (SPL) TO 1ST MH S OF PORTAGE AV	S-MA20009001	300	66.29	S-MH20008301	S-MH20008299	232.22	231.83	2
GAREAU ST	1ST MH W OF ARCHIBALD ST TO MH AT ARCHIBALD ST	S-MA50007732	300	104.16	S-MH50006640	S-MH70019261	227.50	226.60	8
GARRIDCH AV (S LEG)	2ND MH W OF MOUNT ROYAL RD TO 1ST MH W OF MOUNT ROYAL RD	S-MA20006306	300	112.32	S-MH20005781	S-MH20005778	233.02	232.59	1
GARRY ST	3RD MH N OF GRAHAM AV TO 1ST MH S OF PORTAGE AV	S-MA70013812	375	19.20	S-MH20014275	S-MH20014299	228.18	0.00	5
GARWOOD AV	MH AT HUGO ST N TO 1ST MH W OF DALY ST N	S-MA60009075	450	86.56	S-MH60007479	S-MH60007575	226.60	226.29	6
GARWOOD AV	MH AT HARROW ST (WPL) TO 1ST MH E OF GUELPH ST	S-MA60009465	300	97.45	S-MH60007825	S-MH60007849	229.40	228.78	6
GARWOOD AV	MH AT STAFFORD ST TO 1ST MH W OF WENTWORTH ST	S-MA60009629	375	87.30	S-MH60007998	S-MH60008077	227.92	227.89	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
GARWOOD AV	MH AT WENTWORTH ST TO 1ST MH W OF LILAC ST	S-MA60009711	450	85.86	S-MH60008071	S-MH60008189	227.56	227.26	6
GERTRUDE AV	MH AT NASSAU ST N (WPL) TO 1ST MH E OF DALY ST N	S-MA60010661	300	96.01	S-MH60008970	S-MH60008949	228.78	228.15	6
GLASGOW AV	2ND MH E OF OSBORNE TO 1ST MH E OF OSBORNE	S-MA60009434	300	83.21	S-MH60007823	S-MH60007820	228.74	228.30	6
GOULDING ST	MH AT WOLEVER AV TO 1ST MH N OF WOLEVER AV	S-MA20011272	300	95.71	S-MH20010267	S-MH20010329	229.63	229.16	2
GOULDING ST	1ST MH N OF WOLEVER AV TO 2ND MH N OF WOLEVER AV	S-MA20011340	375	95.10	S-MH20010329	S-MH20010328	229.16	228.78	2
GROSVENOR AV	MH AT WENTWORTH ST (CL) TO 1ST MH E OF WENTWORTH ST (CL)	S-MA60009605	450	87.57	S-MH60007974	S-MH60007977	226.75	226.42	6
GROSVENOR AV	MH AT HARROW ST TO 1ST MH W OF HARROW ST	S-MA60010578	300	73.76	S-MH60008869	S-MH60008909	229.09	228.48	6
GROSVENOR AV	1ST MH E LILAC TO MH AT WELLINGTON CRES	S-MA60010858	600	98.42	S-MH60009135	S-MH60009172	225.83	225.48	6
GROSVENOR AV	MH AT LILAC TO 1ST MH E LILAC	S-MA70015372	600	103.49	S-MH70006225	S-MH60009135	226.08	225.84	6
GUELPH ST	1ST MH S OF MCMILLAN ST TO MH AT MCMILLAN ST	S-MA70040525	300	50.92	S-MH70017435	S-MH60008786	0.00	0.00	6
GUILDFORD ST	1ST MH N OF LODGE AV TO 2ND MH N OF LODGE AV	S-MA20005269	300	91.14	S-MH20004823	S-MH20004850	231.49	231.28	1
HAMPTON ST	2ND MH N OF NESS AV TO 1ST MH N OF NESS AV	S-MA20008272	375	108.20	S-MH20007587	S-MH20007586	232.34	231.95	2
HAMPTON ST	MH AT SILVER AV (S PL) TO 1ST MH S OF SILVER AV	S-MA20008345	300	106.07	S-MH20007698	S-MH20007683	233.21	232.85	2
HAMPTON ST	1ST MH S OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MA20008395	375	106.97	S-MH20007740	S-MH20007046	231.96	230.85	2
HAMPTON ST	1 ST MH N OF PORTAGE AV TO 2ND MH N OF PORTAGE AV	S-MA20008927	300	100.01	S-MH20008235	S-MH20008234	232.28	231.81	2
HARGRAVE ST	2ND MH S OF PORTAGE-1ST MH S OF PORTAGE AVE	S-MA20015839	300.00	9.36	S-MH20014257	S-MH20014261	228.47	227.30	5
HARGRAVE ST	1ST MH N OF NOTRE DAME AV TO MH AT MCDERMOT AV	S-MA20015918	750	80.47	S-MH20014328	S-MH20014348	226.63	226.44	4
HARRIS BV	1ST MH S OF EMO AV TO 2ND MH S OF EMO AV	S-MA20003668	600	106.68	S-MH20003365	S-MH20002596	231.66	231.64	1
HARROW ST	MH AT WARSAW AV TO MH AT JESSIE AV	S-MA60009506	600	99.67	S-MH60007887	S-MH60007892	225.63	225.58	6
HARROW ST	MH AT CORYDON AV TO MH AT JESSIE AV	S-MA60010601	1050	99.73	S-MH60008886	S-MH60007892	225.50	225.42	6
HARVARD AV	MH AT GUELPH ST (CL) TO 1ST MH E OF GUELPH ST	S-MA60010460	450	87.48	S-MH60008758	S-MH60008759	227.24	226.97	6
HECTOR AV	1ST MH W OF LILAC ST TO MH AT LILAC ST	S-MA60011913	375	86.26	S-MH60010133	S-MH60010174	228.05	226.78	6
HENRY AV	2ND MH W TRINITY ST TO 1ST MH W TRINITY ST	S-MA20019697	1350X1800	40.22	S-MH20017701	S-MH20017697	226.36	226.20	4
HIGGINS AV	4TH MH E MCPHILLIPS ST TO 5TH MH E MCPHILLIPS ST	S-MA20019733	1350X1800	98.20	S-MH20017732	S-MH20017745	226.41	0.00	4
HIGGINS AV	5TH MH E MCPHILLIPS ST TO 6TH MH E MCPHILLIPS ST	S-MA20019742	1350X1800	95.55	S-MH20017745	S-MH20017744	226.35	226.31	4
HIND AV	2ND MH E OF MOUNT ROYAL RD TO 1ST MH E OF MOUNT ROYAL RD	S-MA20005156	300	110.34	S-MH20004717	S-MH20004706	0.00	0.00	1
HIND AV	1ST MH S OF LODGE AV TO 2ND MH E OF MOUNT ROYAL RD	S-MA20005164	300	14.94	S-MH20004716	S-MH20004717	232.88	231.04	1
HUGO ST N	MH AT FLEET AV (SPL) TO MH AT GARWOOD AV (CL)	S-MA60009074	300	74.37	S-MH60007513	S-MH60007479	228.78	226.64	6
HURON AV	MH AT FIFE ST TO 1ST MH E OF FIFE ST	S-MA00007243	450	84.28	S-MH00007260	S-MH00007259	228.32	228.16	3
INGLEWOOD ST	2ND MH N OF PORTAGE AV TO 2ND MH S OF BRUCE AV	S-MA20008673	300	103.63	S-MH20008031	S-MH20007989	0.00	229.79	2
INGLEWOOD ST	1ST MH S OF BRUCE AV TO 1ST MH N OF BRUCE AV	S-MA20008719	375	113.51	S-MH20008030	S-MH20007247	229.29	228.85	2
JARVIS AV	1ST MH E OF MAPLE ST TO MH AT MAPLE ST (CL)	S-MA70029874	300	77.93	S-MH00012466	S-MH70011097	228.28	227.74	4
JESSIE AV	MH AT HARROW ST TO MH AT STAFFORD ST	S-MA60009512	1350X1800	172.91	S-MH60007892	S-MH60007946	224.88	224.60	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
JESSIE AV	MH AT STAFFORD ST TO MH AT WENTWORTH ST	S-MA60009573	1375X1800	170.23	S-MH60007946	S-MH60008040	224.60	224.32	6
JESSIE AV	MH AT WENTWORTH ST TO NODE AT LILAC ST	S-MA60009676	1375X1800	173.13	S-MH60008040	S-MH60008097	224.32	224.14	6
JESSIE AV	MH AT ARBUTHNOT ST TO MH AT COCKBRUN ST N	S-MA60009880	1500X2025	170.23	S-MH60008231	S-MH60008312	223.89	223.69	6
JESSIE AV	MH AT COCKBURN ST N TO MH AT HUGO ST N	S-MA60009964	1500X2025	172.98	S-MH60008312	S-MH60008411	223.69	223.42	6
JESSIE AV	MH AT WILTON ST TO MH AT GUELPH ST	S-MA60010500	900X1000	172.97	S-MH60008794	S-MH60008848	225.43	225.18	6
JESSIE AV	MH AT GUELPH ST TO MH AT HARROW ST	S-MA60010557	900X1200	172.95	S-MH60008848	S-MH60007892	225.18	224.88	6
JESSIE AV	MH AT DLAY ST N TO 1ST MH W OF NASSAU ST N	S-MA60010645	1500X2025	114.89	S-MH60007540	S-MH60008942	223.24	223.16	6
JESSIE AV	1ST MH W OF NASSAU ST N TO MH AT NASSAU ST N (CL)	S-MA60010650	1800X2400	115.50	S-MH60008942	S-MH60008994	223.16	0.00	6
JESSIE AV	MH AT HUGO ST N TO MH AT DALY ST N (E OF CL)	S-MA60021573	1500X2025	175.21	S-MH60008411	S-MH60007540	223.42	223.24	6
JESSIE AV	MH AT LILAC ST TO MH AT ARBUTHNOT ST	S-MA70014425	1550X2025	172.70	S-MH60008097	S-MH60008231	224.14	223.89	6
JESSIE AV	MH AT PEMBINA HW (E OF CL) TO MH AT OSBORNE ST (CL)	S-MA70030763	1800X2400	147.00	S-MH60009033	S-MH60009047	0.00	222.78	6
JESSIE AV	MH AT NASSAU ST N TO MH AT PEMBINA HW (E OF CL)	S-MA70038901	1800X2400	148.80	S-MH60008994	S-MH60009033	223.05	0.00	6
JESSIE AV (OUTFALL)	MH AT OSBORNE ST TO CHAMBER	S-MA70016984	1800X2400	155.46	S-MH60009047	LIFT	222.78	0.00	6
KANE AV (N LEG)	4TH MH W OF MOUNT ROYAL RD TO 3RD MH W OF MOUNT ROYAL RD	S-MA20005482	250	53.33	S-MH20005014	S-MH20005061	233.50	233.27	1
KANE AV (N LEG)	2ND MH W OF MOUNT ROYAL RD TO 1ST MH W OF MOUNT ROYAL RD	S-MA20005530	300	110.64	S-MH20005060	S-MH20005052	234.08	232.65	1
KATE ST	MH AT WILLIAM AV TO MH AT BANNATYNE AV	S-MA70013192	600	128.53	S-MH20016710	S-TE70005960	227.05	226.31	4
KATE ST	MH AT ELGIN AV TO MH AT WILLIAM AV	S-MA70026389	600	107.40	S-MH70005556	S-MH20016710	227.58	0.00	4
KEATING AV	2ND MH W OF MOUNT ROYAL RD TO 1ST MH W OF MOUNT ROYAL RD	S-MA20005525	300	110.95	S-MH20005054	S-MH20005053	233.39	232.82	1
KEEWATIN ST	1ST MH S OF WILLIAM AV TO MH AT WILLIAM	S-MA20011916	200	43.92	S-MH20010855	S-MH20010854	230.47	229.83	3
KEEWATIN ST	MH AT ELGIN TO MH AT WILLIAM AV	S-MA20012253	200	93.16	S-MH20011173	S-MH20010854	230.35	229.83	3
KENSINGTON ST	1ST MH N OF NESS AV TO MH AT NESS AV (CL)	S-MA20008247	375	93.57	S-MH20007626	S-MH20007582	230.03	229.69	2
KENSINGTON ST	MH AT SILVER AV (SPL) TO 1ST MH S OF SILVER AV	S-MA20008385	300	101.04	S-MH20007732	S-MH20007731	231.41	231.01	2
KENSINGTON ST	MH AT SILVER AV (NPL) TO 1ST MH N OF SILVER AV	S-MA20008431	250	100.28	S-MH20007774	S-MH20007775	231.00	230.57	2
KILDARROCH ST (CL)	MH AT CHURCH AV (CL) TO MH AT MACHRAY AV (CL)	S-MA00012157	300	121.05	S-MH00010490	S-MH00010489	228.14	226.51	3
KING EDWARD ST	1ST MH N OF SARGENT AV TO MH AT SARGENT AV (CL)	S-MA20006969	1500	193.24	S-MH20006399	S-MH20007146	228.24	228.02	2
KING EDWARD ST	1ST MH S OF SASKATCHEWAN AV TO 1ST MH N OF WELLINGTON AV	S-MA20007031	1500	160.03	S-MH20006448	S-MH20006443	229.10	228.94	2
KING EDWARD ST	MH AT SASKATCHEWAN AV (SPL) TO 1ST MH S OF SASKATCHEWAN AV (E OF CL)	S-MA20007036	1500	147.60	S-MH20006458	S-MH20006448	229.41	229.10	2
KING EDWARD ST	1ST MH N OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV (N PL)	S-MA20007708	1950	178.61	S-MH20007055	S-MH20007054	227.17	227.00	2
KING EDWARD ST	MH AT ELLICE AV (S PL) TO 2ST MH N OF ST MATTHEWS AV	S-MA20007709	1950	205.38	S-MH20007108	S-MH20007055	227.57	227.17	2
KING EDWARD ST	MH AT SARGENT AV TO 1ST MH N OF ELLICE AV	S-MA20007787	1950	218.07	S-MH20007146	S-MH20007124	228.02	227.74	2
KING EDWARD ST	1ST MH N OF ELLICE AV TO MH AT ELLICE AV	S-MA20007788	1950	193.30	S-MH20007124	S-MH20007108	227.74	227.56	2
KING EDWARD ST	1ST MH S OF NESS AV TO MH AT NESS AV	S-MA20008226	450	112.60	S-MH20007557	S-MH20007563	231.14	229.10	2
KING EDWARD ST	2ND MH N OF NESS AV TO 1ST MH N OF NESS AV	S-MA20008283	375	103.63	S-MH20007644	S-MH20007615	231.05	231.03	2

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
KING EDWARD ST	1ST MH S OF SILVER AV TO 2ND MH N OF NESS AV	S-MA20008327	300	103.94	S-MH20007720	S-MH20007644	231.63	231.03	2
KING EDWARD ST	2ND MH N OF SILVER AV TO 1ST MH N OF SILVER AV	S-MA20008427	375	100.89	S-MH20007782	S-MH20007764	231.00	230.51	2
KING EDWARD ST	2ND MH N OF PORTAGE AV TO 2ND MH S OF NESS	S-MA20008962	375	113.69	S-MH20008268	S-MH20007523	231.95	231.44	2
KING EDWARD ST (E OF CL)	MH AT ELGIN AV TO MH AT ROSS AV	S-MA20007436	200	92.85	S-MH20006805	S-MH20006820	230.93	230.23	3
KING EDWARD ST (W OF CL)	MH AT WELLINGTON AV TO 1ST MH S OF WELLINGTON AV	S-MA20007010	1500	192.96	S-MH20006427	S-MH20006399	228.73	228.24	2
KING EDWARD ST (W OF CL)	1ST MH N OF WELLINGTON AV TO MH AT WELLINGTON AV	S-MA20007015	1500	157.59	S-MH20006443	S-MH20006427	228.94	228.73	2
KINGSWAY AV	MH AT WILTON ST (E OF CL) TO 1ST MH E OF WILTON ST	S-MA60010286	375	82.00	S-MH60008597	S-MH60008634	223.83	223.64	6
KINGSWAY AV	1ST MH E OF WILTON ST TO MH AT GUELPH ST	S-MA60010312	375	86.41	S-MH60008634	S-MH60008717	224.31	224.02	6
LAGIMODIERE BLVD	MH AT BLAIR ST TO MH AT THEO NUYTEN ST	S-MA50014245	600	92.11	S-MH50011368	S-MH50011369	228.50	228.36	7
LANE BETWEEN HIGGINS AV AND HENRY AV	MH AT HIGGINS AV TO MH AT HENRY AV	S-MA20019689	1350X1800	67.10	S-MH20017744	S-MH20017701	226.31	226.24	7
LANE BETWEEN LOGAN AV AND ALEXANDER AV	MH AT LOGAN AV TO MH AT ALEXANDER AV	S-MA20019570	1450X1875	116.70	S-MH20017640	S-MH20017581	227.54	226.05	4
LANSDOWNE AV (CL)	2ND MH E OF MAIN ST TO MH AT COCHRANE ST	S-MA00009421	300	79.25	S-MH00011093	S-MH00011092	227.49	0.00	3
LANSDOWNE AV (CL)	1ST MH E OF MAIN ST TO 2ND MH E OF MAIN ST	S-MA00009433	300	79.25	S-MH00011081	S-MH00011093	227.90	227.49	3
LILAC ST	MH AT DORCHESTER TO MH AT MCMILLAN (CL)	S-MA70012616	450	96.94	S-MH60008047	S-MH60008051	227.50	0.00	6
LILY ST	MH AT GEORGE AV TO 1ST MH S OF GEORGE AV	S-MA20013384	600	66.00	S-MH20012158	S-MH20012110	226.26	0.00	4
LILY ST	1ST MH S OF GEORGE AV TO MH AT GALT AV (E PL)	S-MA70030783	1500	47.50	S-MH20012110	S-MH20012093	224.61	0.00	4
LINWOOD ST	2ND MH S OF SILVER AV TO 1ST MH N OF NESS AV (AT ROW)	S-MA20007935	300	114.91	S-MH20007290	S-MH20007277	231.00	230.09	1
LINWOOD ST	1ST MH S OF BRUCE AV TO MH AT BRUCE AV	S-MA20008623	375	126.80	S-MH20007937	S-MH20007951	230.39	229.09	1
LIPTON ST	1ST MH N PORTAGE AV TO MH AT CL PORTAGE AV	S-MA20015191	1950X2525	199.40	S-MH20013703	S-MH20013699	224.03	223.87	5
LIPTON ST	1ST MH S OF ST MATTHEWS AV TO 1ST MH N OF PORTAGE AV	S-MA20015201	1950X2525	199.64	S-MH20013715	S-MH20013703	224.13	224.03	5
LIPTON ST	MH AT ST MATTHEWS AV (S PL) TO 1ST MH S OF ST MATTHEWS AV	S-MA20015213	1950X2500	198.42	S-MH20015384	S-MH20013715	224.22	224.13	5
LIPTON ST	MH AT WELLINGTON AV TO 1ST MH S WELLINGTON AV	S-MA20017026	1725X2175	190.36	S-MH20015931	S-MH20015530	224.79	224.70	4
LIPTON ST	1ST MH S OF ELLICE AV TO MH AT ST MATTHEWS AV	S-MA20017147	1950X2500	178.02	S-MH20015443	S-MH20015384	224.62	0.00	5
LIPTON ST	MH AT SARGENT AV (CL) TO 1ST MH S SARGENT AV	S-MA20017258	1800X2375	202.39	S-MH20015512	S-MH20015489	224.60	224.50	5
LIPTON ST	1ST MH N OF ELLICE AV TO MH AT ELLICE AV (CL)	S-MA20017265	1800X2375	197.82	S-MH20015489	S-MH20015494	224.50	224.41	5
LIPTON ST	1ST MH S WELLINGTON AV TO MH AT SARGENT AV	S-MA20017286	1725X2175	190.80	S-MH20015530	S-MH20015512	224.69	224.60	4
LIPTON ST	1ST MH S YARWOOD AV TO MH AT WELLINGTON AV	S-MA20017809	1750X2175	29.87	S-MH20015939	S-MH20015931	224.81	224.79	4
LIPTON ST	MH AT YARWOOD AV TO 1ST MH S YARWOOD AV	S-MA20017817	1675X2150	195.99	S-MH20015948	S-MH20015939	224.91	224.81	4
LIPTON ST	1ST MH S NOTRE DAME AV TO MH AT YARWOOD AV	S-MA20017829	1675X2150	167.34	S-MH20015951	S-MH20015948	224.99	224.91	4
LIPTON ST	MH AT S PL NOTRE DAME AV TO 1ST MH S NOTRE DAME AV	S-MA20017832	1675X2150	163.37	S-MH20015945	S-MH20015951	225.08	224.99	4
LIPTON STREET	MH AT ELLICE AV TO 1ST MH S OF ELLICE AV	S-MA20017222	1950X2500	180.40	S-MH20015494	S-MH20015443	224.41	0.00	5
LODGE AV	MH AT WHYTEWOLD RD TO MH AT VERNON RD (CL)	S-MA20005521	600	140.45	S-MH20005050	S-MH20005076	231.52	231.10	1
LODGE AV	MH AT SHARP BV (CL) TO MH AT MOORGATE ST	S-MA70040261	300	124.09	S-MH20004783	S-MH20004813	0.00	0.00	1

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
LODGE AV	MH AT VERNON RD (CL) TO MH AT STRATHMILLAN RD	S-MA70040630	600	93.10	S-MH20005084	S-MH70016257	0.00	231.08	1
LODGE AVE	MH @ MOORGATE(W PL)-NODE @ MOORGATE(CL)	S-MA20005228	900	11.79	S-MH20004782	S-MH20004783	227.90	227.35	1
LOGAN AV	MH AT QUELCH ST (CL) TO 1ST MH E OF QUELCH ST	S-MA20012030	750	100.20	S-MH20010965	S-MH70015978	227.20	0.00	3
LOGAN AV	MH AT WINKS ST TO 1ST MH E OF WINKS ST	S-MA20013093	750	47.42	S-MH20011918	S-MH20017446	226.48	226.43	3
LOGAN AV	MH AT MARTHA ST TO 1ST MH E OF MARTHA ST	S-MA20013357	1500	109.57	S-MH20017317	S-MH20012110	224.64	0.00	4
LOGAN AV	MH AT GWENDOLINE ST TO MH AT GUNNELL ST	S-MA20018753	1000X1500	100.89	S-MH20016813	S-MH20016828	226.54	226.42	4
LOGAN AV	MH AT GUNNELL ST TO MH AT BUSHNELL ST	S-MA20018767	1000X1500	80.49	S-MH20016828	S-MH20016835	226.42	226.32	4
LOGAN AV	MH AT BUSHNELL ST TO 1ST MH E OF BUSHNELL ST	S-MA20018773	1000X1500	81.08	S-MH20016835	S-MH20016842	226.32	226.18	4
LOGAN AV	1ST MH E OF BUSHNELL ST TO 2ND MH E OF BUSHNELL ST	S-MA20018782	1000X1500	78.33	S-MH20016842	S-MH20016880	226.18	226.06	4
LOGAN AV	MH AT ISABEL ST (W PL) TO MH AT ISABEL ST (E PL)	S-MA20018825	1000X1500	80.60	S-MH20016880	S-MH20017018	226.06	225.94	4
LOGAN AV	MH AT PATRICK ST TO MH AT LAURA ST	S-MA20018969	1350	80.48	S-MH20017018	S-MH20017056	225.93	225.80	4
LOGAN AV	MH AT LAURA ST TO MH AT ELLEN ST (W PL)	S-MA20019010	1350	66.76	S-MH20017056	S-MH20017057	225.80	225.74	4
LOGAN AV	MH ELLEN ST (CL) TO MH AT FOUNTAIN ST	S-MA20019018	1350	82.40	S-MH20017058	S-MH20017200	225.75	225.74	4
LOGAN AV	MH AT FOUNTAIN ST TO MH AT LIZZIE ST	S-MA20019159	1350	99.40	S-MH20017200	S-MH20017294	225.74	225.68	4
LOGAN AV	MH AT LIZZIE ST TO MH AT STANLEY ST	S-MA20019255	1350	81.60	S-MH20017294	S-MH20017341	225.68	225.64	4
LOGAN AV	MH AT MAIN ST TO MH AT MARTHA ST	S-MA20019284	1500	103.77	S-MH20017328	S-MH20017317	225.08	225.05	4
LOGAN AV	1ST MH E OF KING ST TO MH AT MAIN ST	S-MA20019298	1500	11.36	S-TE20007150	S-TE20007158	0.00	0.00	4
LOGAN AV	1ST MH E OF KING ST TO MH AT MAIN ST	S-MA20019299	1500	38.27	S-MH20017338	S-TE20007150	225.48	0.00	4
LOGAN AV	2nd MH E OF KING ST TO MH AT MAIN ST	S-MA20019300	1500	13.34	S-TE20007151	S-MH20017328	0.00	0.00	4
LOGAN AV	3rd MH E OF KING ST TO MH AT MAIN ST	S-MA20019301	1500	0.30	S-TE20007158	S-TE20007151	0.00	0.00	4
LOGAN AV	MH AT PRINCESS ST (E PL) TO MH AT KING ST	S-MA20019303	1500	85.95	S-MH20017357	S-MH20017335	225.56	225.50	4
LOGAN AV	MH AT KING ST TO 1ST MH E OF KING ST	S-MA20019307	1500	60.20	S-MH20017335	S-MH20017338	225.92	225.48	4
LOGAN AV	MH AT STANLEY ST TO MH AT PRINCESS ST (E PL)	S-MA20019318	1350	114.40	S-MH20017341	S-MH20017357	225.64	225.56	4
LOGAN AV	MH AT W PL MCPHILLIPS ST TO MH AT CL MCPHILLIPS ST	S-MA20019701	750	19.51	S-MH20017702	S-MH20017703	226.04	226.01	3
LOGAN AV	MH AT DOROTHY ST TO MH AT BEACON ST	S-MA20019781	750	82.30	S-MH20017594	S-MH20017776	228.28	228.12	4
LOGAN AV	MH AT OWENA ST TO MH AT CHAMBERS ST	S-MA20019828	750X1125	80.67	S-MH20017820	S-MH20017838	227.25	227.12	4
LOGAN AV	MH AT LULU ST TO MH AT OWENA ST	S-MA20019830	750X1125	80.68	S-MH20017881	S-MH20017820	227.38	227.25	4
LOGAN AV	MH AT SHERBROOK ST TO MH AT GWENDOLINE ST	S-MA20019856	1000X1500	80.47	S-MH20017840	S-MH20016813	226.90	226.54	4
LOGAN AV	MH AT NORA ST TO MH AT REITTA ST	S-MA20019889	750X1125	80.71	S-MH20017871	S-MH20017867	227.64	227.51	4
LOGAN AV	MH AT REITTA ST TO MH AT LULU ST	S-MA20019902	750X1125	80.70	S-MH20017867	S-MH20017881	227.51	227.38	4
LOMBARD AV (CL)	1ST MH W OF WESTBROOK ST TO 2ND MH W OF WESTBROOK ST	S-MA20016307	300	75.90	S-MH20014663	S-MH20014662	228.88	228.50	5
LOMBARD AV (N OF CL)	MH AT MILL ST (E PL) TO 1ST MH E OF MILL ST	S-MA20013285	900	53.21	S-MH20012031	S-MH20012074	224.80	224.21	5
LORETTE AV	2ND MH E OF CAMBRIDGE ST TO 2ND MH W OF NATHANIEL ST	S-MA60011209	375	76.20	S-MH60009484	S-MH60009465	229.08	228.77	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
LORETTE AV	1ST MH E OF ROCKWOOD ST TO MH AT ROCKWOOD ST	S-MA60011451	600	86.20	S-MH60009731	S-MH60009706	227.23	226.88	6
LORETTE AV	1ST MH W OF GUELPH ST TO MH AT WILTON ST	S-MA60011590	600	86.41	S-MH60009835	S-MH60009727	227.69	227.49	6
MACHRAY AV	1ST MH E OF ANDREWS ST TO MH POWERS ST	S-MA00009821	375	101.47	S-MH00006357	S-MH00006375	226.93	226.40	3
MADISON ST	1ST MH N OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MA20009739	900	137.77	S-MH20008906	S-MH20008907	230.83	230.27	2
MAGNUS AV	2ND MH W OF MCNICHOL ST TO 1ST MH W OF MCNICHOL ST	S-MA00007994	300	83.69	S-MH00008013	S-MH00007956	228.24	227.77	3
MAIN ST	MH AT MANITOBA AVE TO MH AT PRITCHARD AVE	S-MA00013601	600	75.85	S-MH00012123	S-MH00012135	225.58	225.13	4
MAIN ST (CL)	MH AT HENRY AV TO 1ST MH S OF HENRY AV	S-MA70026654	600	68.80	S-MH20017370	S-MH20017381	226.48	0.00	4
MAIN ST (E OF CL)	MH AT PRITCHARD AV W (CL) TO MH AT PRITCHARD AV E (CL)	S-MA00013606	600	10.93	S-MH00012135	S-MH00012127	225.13	225.00	4
MANDEVILLE ST	MH AT NESS AV (S PL) TO 1ST MH S OF MANDEVILLE ST	S-MA20007864	300	91.44	S-MH20007211	S-MH20007210	231.69	231.09	1
MANHATTAN AV	MH AT CULVER ST TO MH AT MILFORD ST	S-MA40010381	300	95.50	S-MH40009469	S-MH40009371	227.95	227.48	7
MARJORIE ST	2ND MH N OF PORTAGE AV TO 2ND MH S OF NESS AV	S-MA20008897	375	131.06	S-MH20008207	S-MH20008206	230.62	230.31	2
MARTIN AV E	MH AT GATEWAY RD TO 1ST MH E OF GATEWAY RD	S-MA40008321	300	80.41	S-MH40007617	S-MH40007582	227.42	0.00	7
MCDERMOT AV	1ST MH E OF TECUMSEH ST TO MH AT EMILY ST (CL)	S-MA70013779	450	125.10	S-MH20016245	S-MH20016379	0.00	227.64	4
MCMILLAN AV	1ST MH W OF WILTON ST TO MH AT WILTON ST (CL)	S-MA60010367	375	86.70	S-MH60008680	S-MH70018135	227.60	227.35	6
MCMILLAN AV	1ST MH W OF HARROW ST TO MH AT HARROW ST (CL)	S-MA60010574	450	86.54	S-MH60008863	S-MH60008876	226.31	226.10	6
MCMILLAN AV	MH AT WILTON ST (E OF CL) TO 1ST MH E OF WILTON ST (CL)	S-MA60023733	375	86.57	S-MH60019564	S-MH60008801	227.28	226.87	6
MCPHILLIPS ST	1ST MH S MCDERMOT AV E TO MH AT WINNIPEG AV	S-MA20017839	1675X2150	71.91	S-MH20015959	S-MH20015957	225.33	225.32	4
MCPHILLIPS ST	MH AT BANNATYNE AV TO MH AT MCDERMOT AV W	S-MA20017862	1675X2150	57.69	S-MH20015982	S-MH20015983	225.45	225.41	4
MCPHILLIPS ST	MCDERMOT AV W TO 1ST MH S MCDERMOT AV E	S-MA20017868	1675X2150	20.95	S-MH20015988	S-MH20015959	225.37	225.33	4
MCPHILLIPS ST	MCDERMOT AV W TO MH AT MCDERMOT AV E	S-MA20017870	1675X2150	52.80	S-MH20015983	S-MH20015988	225.41	225.37	4
MCPHILLIPS ST (CL)	MH AT WINNIPEG AV TO MH AT CL NOTRE DAME AVE	S-MA20017822	1675X2150	83.83	S-MH20015957	S-MH20015944	225.32	225.28	4
MCPHILLIPS ST (CL)	MH AT ROSS AV TO MH AT ELGIN AV	S-MA20019445	1500X2000	104.63	S-MH20017468	S-MH20017484	225.70	225.60	4
MCPHILLIPS ST (CL)	MH AT COULTER AV TO MH AT BANNATYNE AV	S-MA20019446	1625X2125	73.13	S-MH20017472	S-MH20015982	225.50	225.45	4
MCPHILLIPS ST (CL)	MH AT WILLIAM AV TO MH AT COULTER AV	S-MA20019447	1625X2125	57.98	S-MH20017471	S-MH20017472	225.52	225.50	4
MCPHILLIPS ST (CL)	MH AT ELGIN AV TO MH AT WILLIAM AV	S-MA20019465	1625X2125	111.94	S-MH20017484	S-MH20017471	225.60	225.52	4
MCPHILLIPS ST (CL)	MH AT WILLIAM AV TO MH AT COULTER AV	S-MA20019447	250	59.53	S-MH20017471	S-MH20017472	226.50	230.01	4
MISSION ST	MH AT DAWSON RD N TO 1ST MH W OF DAWSON RD N	S-MA50010501	1950X2925	47.20	S-MH50008517	S-MH50008516	222.90	222.93	7
MISSION ST	1ST MH W OF DAWSON RD N TO 1ST MH E OF BICKERTON ST	S-MA50010502	1950X2925	57.90	S-MH50008518	S-MH50008517	222.93	223.06	7
MISSION ST	1ST MH E OF BICKERTON ST TO MH AT BICKERTON ST	S-MA50010503	1950X2925	73.10	S-MH50008518	S-MH50008519	223.02	222.84	7
MISSION ST	MH AT BICKERTON ST TO MH AT MACTAVISH ST (W PL)	S-MA50010504	1950X2925	51.20	S-MH50008519	S-MH50008520	222.84	222.79	7
MISSION ST	MH AT MACTAVISH ST (W PL) TO 1ST MH W OF MACTAVISH ST	S-MA50010505	1950X2925	15.21	S-MH50008520	S-MH50008521	222.79	222.78	7
MISSION ST	1ST MH W OF MACTAVISH ST TO 1ST MH E OF ARCHIBALD ST	S-MA50010506	1950X2925	49.70	S-MH50008521	S-MH50008522	223.10	222.78	7
MISSION ST	1ST MH E OF ARCHIBALD ST TO MH AT ARCHIBALD ST	S-MA50010507	1950X2925	46.30	S-MH50008522	S-MH50008081	222.78	222.64	7

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
MISSION ST	1ST MH W OF FOSTER ST TO 2ND MH W OF FOSTER ST	S-MA50010545	1500	58.00	S-MH50008553	S-MH50008554	224.11	224.11	7
MISSION ST	2ND MH W OF FOSTER ST TO 1ST MH E OF GREY ST	S-MA50010547	1500	83.80	S-MH50008554	S-MH50008555	224.11	223.62	7
MISSION ST	1ST MH E OF GREY ST TO MH AT GREY ST	S-MA50010548	1500	74.70	S-MH50008556	S-MH50008555	223.62	223.78	7
MISSION ST	MH AT GREY ST TO 1ST MH W OF GREY ST	S-MA50010549	1500	45.70	S-MH50008557	S-MH50008556	223.78	223.96	7
MISSION ST	1ST MH W OF GREY ST TO 2ND MH W OF GREY ST	S-MA50010550	1500	45.70	S-MH50008557	S-MH50008558	223.96	223.55	7
MISSION ST	2ND MH W OF GREY ST TO 2ND MH E OF DAWSON RD N	S-MA50010551	1500	58.00	S-MH50008558	S-MH50008559	223.55	223.43	7
MISSION ST	2ND MH E OF DAWSON RD N TO 1ST MH E OF DAWSON RD N	S-MA50010552	1500	58.00	S-MH50008559	S-MH50008560	223.43	223.28	7
MISSION ST	1ST MH E OF DAWSON RD N TO MH AT DAWSON RD N	S-MA50010553	1500	70.10	S-MH50008560	S-MH50008516	223.28	223.21	7
MISSION ST	MH AT FOSTER ST TO 1ST MH W OF FOSTER ST	S-MA50010589	1500	91.41	S-MH50008593	S-MH50008553	224.38	224.11	7
MISSION ST	1ST MH E OF FOSTER ST TO MH AT FOSTER ST	S-MA50011695	1050	121.91	S-MH50009433	S-MH50008593	224.54	224.38	7
MISSION ST	1ST MH W OF PLINGUET ST TO 2ND MH W OF PLINGUET ST	S-MA50011697	1050	114.30	S-MH50009435	S-MH50009434	224.97	224.75	7
MISSION ST	MH AT PLINGUET ST TO 1ST MH W OF PLINGUET ST	S-MA50011698	1050	60.20	S-MH50009436	S-MH50009435	225.25	224.97	7
MISSION ST	1ST MH W OF AUBURN ST TO MH AT PLINGUET ST	S-MA50011699	1050	130.30	S-MH50009437	S-MH50009436	225.52	225.25	7
MISSION ST	2ND MH W OF PLINGUET ST TO 1ST MH E OF FOSTER ST	S-MA50011704	1050	114.26	S-MH50009434	S-MH50009433	224.75	224.55	7
MISSION ST	1ST MH W OF PANET RD TO 2ND MH W OF PANET RD	S-MA50012445	900	63.78	S-MH50010028	S-MH50010029	226.71	226.61	7
MISSION ST	2ND MH W OF PANET RD TO MH AT LEXINGTON ST	S-MA50012446	900	102.13	S-MH50010029	S-MH50010030	226.61	226.46	7
MISSION ST	MH AT LEXINGTON ST TO 1ST MH W OF LEXINGTON ST	S-MA50012447	900	70.83	S-MH50010030	S-MH50010031	226.46	226.32	7
MISSION ST	1ST MH W OF LEXINGTON ST TO 2ND MH W OF LEXINGTON ST	S-MA50012448	900	96.00	S-MH50010031	S-MH50010032	226.32	226.02	7
MISSION ST	2ND MH W OF LEXINGTON ST TO 1ST MH E OF AUBURN ST	S-MA50012449	1050	73.20	S-MH50010032	S-MH50010033	226.18	225.87	7
MISSION ST	1ST MH E OF AUBURN ST TO MH AT AUBURN ST (E PL)	S-MA50012450	1050	72.33	S-MH50010033	S-MH50010034	225.87	225.73	7
MISSION ST	MH AT AUBURN ST TO 1ST MH W OF AUBURN ST	S-MA50012451	1050	115.17	S-MH50010034	S-MH50009437	225.73	225.52	7
MISSION ST	1ST MH W OF ARCHIBALD ST TO LIFT STATION	S-MA70028463	2400	43.30	S-MH70007357	S-TE70026471	222.50	222.50	7
MOOREGATE ST	MH AT BRUCE AV TO 1ST MH N OF LODGE AV	S-MA20005243	1930X2515	162.47	S-MH20005423	S-MH20004797	227.53	227.35	1
MOORGATE ST	MH AT LODGE AV TO 1ST MH S OF LODGE AV	S-MA20005187	1930X2515	131.98	S-MH20004783	S-MH20004741	227.35	227.17	1
MOORGATE ST	1ST MH S OF LODGE AVE-MH @ PORTAGE AVE(CL)	S-MA20005192	1930X2515	137.10	S-MH20004741	S-MH20004685	227.17	227.16	1
MOORGATE ST	1ST MH N OF LODGE AV TO MH AT LODGE AV	S-MA20005235	1930X2515	159.41	S-MH20004797	S-MH20004783	227.35	227.35	1
MOORGATE ST	1ST MH S OF NESS AV TO 1ST MH N OF BRUCE ST	S-MA20005903	1900X2475	107.29	S-MH20005419	S-MH20005422	227.63	227.56	1
MOORGATE ST	1ST MH N OF BRUCE AV TO MH AT BRUCE AV	S-MA20005904	1900X2475	106.07	S-MH20005422	S-MH20005423	227.55	227.53	1
MOORGATE ST	MH AT NESS (CL) TO 1ST MH S OF NESS	S-MA20005906	2100	102.90	S-MH20005481	S-MH20005419	227.80	227.63	1
MORAY ST	1ST MH S OF PORTAGE AVE - MH @ PORTAGE AVE (SPL)	S-MA20005712	200	73.67	S-MH20005231	S-MH20005223	234.94	234.32	1
MOSTYN PL	1ST MH E COLONY ST TO NODE AT COLONY ST	S-MA20014564	225	48.72	S-MH20013152	S-TE20004978	227.07	0.00	5
MOUNT ROYAL CR	1ST MH S OF PORTAGE AV TO 2ND MH S (SW) OR PORTAGE AVE	S-MA20005083	300	44.29	S-MH20004649	S-MH20004650	230.30	230.23	1
MOUNT ROYAL RD	MH AT KANE AV (2ND MH N OF PORTAGE AV) TO MH AT KANE AV (3RD N OF PORTAGE	S-MA20005108	450	73.12	S-MH20004665	S-MH20004667	232.23	231.95	1

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
MOUNT ROYAL RD	MH AT KANE AV (3RD N OF PORTAGE) TO MH AT KEATING AV (AT HIND AV)	S-MA20005111	600	73.13	S-MH20004667	S-MH20004677	231.95	231.70	1
MOUNT ROYAL RD	MH AT PALLISER AV (S LEG) (2ND N OF PORTAGE) TO MH AT HEARNE AV (AT HARMON AV)	S-MA20005121	600	79.24	S-MH20004674	S-MH20004675	232.14	231.90	1
MOUNT ROYAL RD	MH AT KEATING/HIND AV TO MH AT LODGE AV	S-MA20005125	600	74.29	S-MH20004677	S-MH20004676	231.70	231.10	1
MULVEY AV	1ST MH W OF DALY ST. TO MH AT DALY ST.	S-MA60009124	450	86.67	S-MH60007522	S-MH60007559	224.91	224.29	6
MULVEY AV	MH AT DALY ST N (E PL) TO 1ST MH W OF PEMBINA HW	S-MA60009185	300	101.19	S-MH60007580	S-MH60007584	228.87	228.55	6
MULVEY AV	MH AT HARROW ST (E PL) TO 1ST MH W OF STAFFORD ST	S-MA60009473	300	72.24	S-MH60007858	S-MH60007939	229.11	228.63	6
MULVEY AV	MH AT LILAC ST (EPL) TO 1ST MH W OF ARBUTHNOT ST	S-MA60009825	300	79.86	S-MH60008180	S-MH60008213	228.64	228.15	6
MULVEY AV	1ST MH W OF ARBUTHNOT ST TO MH AT ARBUTHNOT ST	S-MA60009862	300	79.86	S-MH60008213	S-MH60008300	228.14	226.64	6
MULVEY AV	MH AT ARBUTHNOT ST TO 1ST MH W OF COCKBURN ST N	S-MA60009951	375	87.97	S-MH60008300	S-MH60008322	226.63	226.27	6
MULVEY ST	MH AT GUELPH ST (WPL) TO 1ST MH W OF GUELPH ST	S-MA60010474	300	79.58	S-MH60008766	S-MH60008772	229.27	228.95	6
MULVEY ST	1ST MH W OF GUELPH ST TO MH AT WILTON ST	S-MA60010481	300	80.04	S-MH60008772	S-MH60008781	229.00	228.44	6
NASSAU ST N	1ST MH N OF STRADBROOK AV TO 2ND MH E OF WILMOT PL (ON RIVER AV)	S-MA60020740	900	102.71	S-MH60017837	S-MH60017887	224.94	224.37	5
NASSAU ST N (E OF CL)	MH AT RIVER AV TO SEWER Y AT RIVER AV	S-MA60020742	750	4.20	S-MH60017887	S-TE60008227			5
NASSAU ST N	MH AT GERTRUDE AV TO 1ST MH N OF GERTRUDE AV	S-MA60021606	900	16.46	S-MH60008975	S-MH60018446	225.58	225.45	6
NASSAU ST N	MH AT MCMILLAN AV TO MH AT GERTRUDE AV	S-MA70009905	750	93.08	S-MH60008955	S-MH60008975	225.81	0.00	6
NAVY WAY	1ST MH N OF ASSINIBOINE AV TO NODE ON ASSINIBOINE AV (E OF NAVY)	S-MA20014174	750	28.20	S-MH20012820	S-MH20012819	226.52	226.40	5
NESS AV	1ST MH W OF STRATHMILLAN RD TO 2ND MH W OF STRATHMILLAN RD	S-MA20006260	250	44.50	S-MH20005731	S-MH20005733	233.67	233.04	1
NESS AV	MH AT SACKVILLE ST TO MH AT AMHERST ST	S-MA20007963	900	80.39	S-MH20007305	S-MH20007321	228.27	228.11	1
NESS AV	MH AT TRURO ST TO MH AT SACKVILLE ST	S-MA20007964	750	76.71	S-MH20007306	S-MH20007305	228.36	228.27	1
NESS AV	MH AT ALBANY ST TO MH AT TRURO ST	S-MA20007965	600	77.64	S-MH20007307	S-MH20007306	228.62	228.36	1
NESS AV	MH AT AMHERST ST TO MH AT RUTLAND ST	S-MA20007981	1350	82.62	S-MH20007321	S-MH20007320	0.00	0.00	1
NESS AV	MH IN INGLEWOOD ST TO MH AT FERRY RD	S-MA20007983	800X1200	84.31	S-MH20007319	S-MH20007331	227.95	227.20	2
NESS AV	MH AT RUTLAND ST TO MH AT INGLEWOOD ST	S-MA20007984	800X1200	84.59	S-MH20007320	S-MH20007319	228.11	227.98	2
NESS AV	MH AT COLLEGIATE ST TO NODE @ FERRY RD	S-MA20008099	900X1200	89.05	S-MH20007441	S-MH20007331	228.21	227.20	2
NESS AV	MH AT ROSEBERRY ST TO MH AT COLLEGIATE ST	S-MA20008100	1050X1350	89.60	S-MH20007477	S-MH20007441	228.38	228.21	2
NESS AV	MH AT PARKVIEW ST TO MH AT ROSEBERRY ST	S-MA20008137	1050X1350	89.23	S-MH20007503	S-MH20007477	228.45	228.38	2
NESS AV	MH AT MARJORIE ST TO MH AT PARKVIEW ST	S-MA20008163	1050X1350	84.90	S-MH20007504	S-MH20007503	228.59	228.47	2
NESS AV	MH AT HAMPTON ST TO MH AT MARJORIE ST	S-MA20008164	1050X1350	81.72	S-MH20007505	S-MH20007504	228.75	228.59	2
NESS AV	MH AT BERRY ST TO MH AT HAMPTON ST	S-MA20008165	1050X1350	105.66	S-MH20007505	S-MH20007543	0.00	228.75	2
NESS AV	MH AT KING EDWARD ST TO MH AT BROOKLYN ST	S-MA20008209	1200	78.76	S-MH20007563	S-MH20007542	229.10	228.96	2
NESS AV	MH AT BROOKLYN ST TO MH AT BERRY ST	S-MA20008210	1200	79.37	S-MH20007542	S-MH20007543	0.00	0.00	2
NESS AV	MH AT QUEEN ST TO MH AT KING EDWARD ST	S-MA20008232	1200	101.82	S-MH20007574	S-MH20007563	229.23	229.10	2
NESS AV	MH AT MADISON ST TO MH AT KENSINGTON ST	S-MA70018672	600	88.02	S-MH20009636	S-MH20007582	229.34	0.00	2

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
NOTRE DAME AV	MH AT CL MCPHILLIPS ST TO MH AT CL LIPTON ST	S-MA20017845	1675X2150	48.87	S-MH20015944	S-MH20015945	225.08	225.28	4
NOTRE DAME AV	1ST MH E OF MARYLAND ST TO 2ND MH E OF MARYLAND ST (N OF CL)	S-MA20018359	600	12.85	S-MH20016432	S-MH20016426	227.48	227.45	4
NOTRE DAME AV	1ST MH E OF TORONTO ST TO MH AT VICTOR ST	S-MA70013173	600	72.40	S-MH20016207	S-MH70005251	0.00	228.29	4
NOTRE DAME AV	MH AT MCGEE ST TO MH AT MARYLAND ST	S-MA70024988	600	87.80	S-MH20016367	S-MH20016359	0.00	227.66	4
OLIVE ST	1ST MH S OF LODGE AV TO 2ND MH S OF LODGES AV	S-MA20005402	200	111.05	S-MH20004939	S-MH20005047	233.78	233.11	1
OLIVE ST	1ST MH S OF BRUCE ST TO MH A BRUCE ST (CL)	S-MA20005557	200	107.29	S-MH20005085	S-MH20005646	233.73	233.11	1
OLIVE ST	MH AT NESS AV (S PL) TO 1ST MH S OF NESS AV	S-MA20006163	250	97.23	S-MH20005655	S-MH20005656	234.17	233.90	1
OSBORNE ST	1ST MH N OF DON AV TO 1ST MH S OF MULVEY AV	S-MA60009308	600	84.87	S-MH60008980	S-MH60007697	0.00	225.42	6
OSBORNE ST	MH AT DON AV (W OF CL) TO 1ST MH N OF DON AV (W OF CL)	S-MA60009309	600	85.65	S-MH60007766	S-MH60007697	0.00	0.00	6
OSBORNE ST	MH AT TOGO AV (W OF CL) TO MH AT DON AV (W OF CL)	S-MA60009357	600	85.93	S-MH60007745	S-MH60007766	226.41	0.00	6
OSBORNE ST	MH AT GLASGOW AV (W OF CL) TO MH AT TOGO AV (W OF CL)	S-MA60009361	600	50.17	S-MH60007747	S-MH60007745	226.47	226.41	6
OSBORNE ST	MH AT MULVEY AV TO 1ST MH N OF MULVEY AV	S-MA60010708	600	41.15	S-MH70001337	S-MH60008999	224.90	224.80	6
OSBORNE ST	1ST MH N OF MULVEY AV TO 2ND MH N OF MULVEY AV (W OF CL)	S-MA60010713	600	47.85	S-MH60008999	S-MH60009034	224.80	224.57	6
OSBORNE ST	1ST MH S OF JESSIE AV (W OF CL) TO MH AT JESSIE AV (CL)	S-MA60020140	600	30.99	S-MH60009044	S-MH60009047	224.05	223.89	6
OSBORNE ST	1ST MH S OF MULVEY AV TO MH AT MULVEY AV	S-MA70036912	600	80.60	S-MH60008980	S-MH70001337	225.42	224.90	6
OVERDALE ST	MH AT NESS AV TO 1ST MH S OF NESS AV	S-MA20007865	300	85.95	S-MH20007208	S-MH20007206	231.41	231.27	1
PACIFIC AV	1ST MH W XANTE ST TO MH CL MCPHILLIPS ST	S-MA70012171	1450X1875	182.91	S-MH20017523	S-MH70004892	225.88	0.00	4
PACIFIC AVE	MH W CL XANTE ST TO 1ST MH W XANTE ST	S-MA20019515	1450X1875	151.44	S-MH20017547	S-MH20017523	225.98	0.00	4
PANET RD	1ST MH N OF DUGALD RD TO NODE AT DUGALD RD (E OF CL)	S-MA50013534	1250	106.10	S-MH50010851	S-TE50002710	226.21	0.00	7
PARKSIDE DR	1ST MH N OF ASSINIBOINE AV (E OF CL) TO MH AT ASSINIBOINE AV	S-MA20008803	750	151.34	S-MH20008136	S-MH70005190	228.58	228.21	2
PARKVIEW ST	1ST MH S OF SILVER AV TO 2ND MH S OF SILVER AV	S-MA20008262	300	103.94	S-MH20007663	S-MH20007594	232.81	232.30	2
PARKVIEW ST	MH AT SILVER AV (SPL) TO 1ST MH S OF SILVER AV	S-MA20008330	300	102.72	S-MH20007680	S-MH20007663	233.39	232.81	2
PARKVIEW ST	MH AT SILVER AV (N PL) TO 1ST MH N OF SILVER AV	S-MA20008336	300	106.38	S-MH20007670	S-MH20007669	232.70	232.45	2
PARKVIEW ST	1ST MH S OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MA20008343	375	106.68	S-MH20007681	S-MH20007033	231.83	230.19	2
PARKVIEW ST	1ST MH N OF ASSINIBOINE AV TO MH AT ASSINIBOINE AV	S-MA20008791	375	100.58	S-MH20008102	S-MH20008092	230.25	227.78	2
PARKVIEW ST	2ND MH N OF PORTAGE AV TO 2ND MH S OF NESS AV	S-MA20008892	375	130.45	S-MH20008210	S-MH20008201	230.44	229.88	2
POINT DOUGLAS AV	1ST MH W OF GLADSTONE ST TO MH AT GLADSTONE ST	S-MA00013980	900	21.80	S-MH00012471	S-MH00012494	226.09	226.08	7
POINT DOUGLAS AV	MH AT GOMEZ ST (N) TO 1ST MH W OF GLADSTONE ST	S-MA00013986	900	77.10	S-MH00012481	S-MH00012471	226.20	226.09	7
POINT DOUGLAS AV	1ST MH E OF ANNABELLA ST TO MH AT MCFARLANE ST (W PL)	S-MA70003302	900	77.19	S-MH00012497	S-MH70001451	225.96	0.00	7
PORTAGE AV	2ND MH E OF MOUNT ROYAL RD TO 1ST MH E OF MOUNT ROYAL RD	S-MA20005089	375	51.82	S-MH20004689	S-MH20004656	232.14	231.81	1
PORTAGE AV	2ND MH W OF CONWAY ST TO 2ND MH E OF MOUNT ROYAL RD	S-MA20005133	375	91.44	S-MH20004682	S-MH20004689	232.48	232.14	1
PORTAGE AV	MH AT MOORGATE ST (CL) TO 1ST MH E OF CONWAY ST (CL)	S-MA20005143	1900X2475	75.44	S-MH20004697	S-MH20004685	227.16	227.32	1
PORTAGE AV	MH AT WHYTEWOLD RD (CL) TO MH AT VERNON RD (CL)	S-MA20005420	600	143.71	S-MH20004955	S-MH20004960	229.65	229.23	1

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
PORTAGE AV	MH AT VERNON RD (CL) TO MH AT STRATHMILLAN RD (CL)	S-MA20005426	750	106.40	S-MH20004960	S-MH20004968	229.23	228.77	1
PORTAGE AV	MH AT STRATHMILLAN RD (CL) TO MH AT STRATHMILLAN RD (EPL)	S-MA20005453	965	14.08	S-MH20004968	S-MH20004988	228.77	228.48	1
PORTAGE AV	MH AT MOUNT ROYAL CR TO 1ST MH E OF STRATHMILLAN RD (CL)	S-MA20005457	600	161.08	S-MH20004981	S-MH20004987	229.38	229.13	1
PORTAGE AV	MH AT DOMINION ST TO 1ST MH E OF DOMINION ST (E PL)	S-MA20011126	900	7.63	S-MH20010140	S-MH20010133	225.17	225.42	5
PORTAGE AV	MH AT LIPTON ST TO NODE AT AUBREY ST	S-MA20015165	2050X2650	78.47	S-MH20013699	S-MH20013668	223.93	0.00	5
PORTAGE AV	MH AT SIMCOE ST TO NODE AT CANORA ST (S OF MH)	S-MA70027222	1050X1200	59.58	S-MH20013924	S-MH20013925	0.00	0.00	5
PORTAGE AV (CL)	1ST MH E OF STRATHMILLAN RD TO MH AT STRATHMILLAN (E PL)	S-MA20005458	600	7.25	S-MH20004987	S-MH20004988	229.13	228.48	1
PORTAGE AV (CL)	MH AT VAUGHAN ST (CL) TO MH AT COLONY ST (CL)	S-MA20016568	600	104.67	S-MH20014906	S-MH20014911	227.01	0.00	5
PORTAGE AVE.	MH AT KENNEDY - 1ST MH W.	S-MA20015645	600	96.02	S-MH20014931	S-MH20014906	227.46	227.01	5
PORTAGE AVENUE	MH W OF RIVERBEND CR (W LEG) TO SW OF MH 11460	S-MA20008922	600	9.23	S-MH20008229	S-TE20002182	0.00	0.00	2
PORTAGE AVENUE	1ST MH N OF GARDEN RD/CENTURY TO MH W RIVERBEND	S-MA20008924	2250	167.40	S-MH20008281	S-MH20008230	0.00	0.00	2
POWERS ST	MH AT ANDERSON AV TO MH AT ST JOHNS AV (CL)	S-MA00015324	600	121.67	S-MH00013658	S-MH00013693	225.60	225.15	3
PROVENCHE BLVD	MH AT LA FLECHE ST TO 1ST MH E OF LA FLECHE ST	S-MA50009853	300	71.96	S-MH50008107	S-MH50008108	226.70	226.49	7
PROVENCHE BLVD	1ST MH E OF LA FLECHE ST TO MH AT ARCHIBALD ST	S-MA50009854	300	89.19	S-MH50008108	S-MH50008101	226.48	226.28	7
PUBLIC LANE/ WINDSOR AV.	1ST MH N OF WINDSOR AV TO NODE AT WINDSOR AV	S-MA40008283	300	42.01	S-MH40007537	S-TE40002793	0.00	0.00	7
QUEEN ST	2ND MH S OF SILVER AV TO 1ST MH N OF NESS AV	S-MA20008288	375	102.11	S-MH20007652	S-MH20007620	230.39	229.94	2
QUEEN ST	MH AT SILVER AV (SPL) TO 1ST MH S OF SILVER AV	S-MA20008388	300	98.76	S-MH20007735	S-MH20007716	231.39	230.89	2
RAGLAN RD	MH AT PORTAGE AV (S PL) TO 1ST MH S OF PORTAGE AV	S-MA20010597	300	99.97	S-MH20009680	S-MH20010462	230.01	229.50	2
RAGLAN RD	1ST MH S OF PORTAGE AV TO 2ND MH S OF PORTAGE AV	S-MA20011473	300	99.06	S-MH20010462	S-MH20010460	229.50	229.01	2
RIDDLE AV	NODE W OF VALOUR RD (AT LANE) TO MH AT VALOUR RD	S-MA20010827	300	38.88	plug/ node	S-MH20010059	0.00	0.00	2
RIVER AV	MH AT CAUCHON ST TO MH AT LEWIS ST	S-MA60020227	900X1350	85.65	S-MH60017500	S-MH60017497	224.27	224.21	5
RIVER AV	MH AT ARCTIC ST (W OF CL) TO MH AT ARCTIC ST (CL)	S-MA60020332	1500X1000	3.51	S-MH60017574	S-MH60017564	223.40	223.40	5
RIVER AV	MH AT ARCTIC ST (CL) TO 1ST MH E OF ARCTIC ST	S-MA60020333	1000X1500	77.40	S-MH60017564	S-MH60017577	223.40	223.28	5
RIVER AV	MH AT CLARKE ST TO MH AT MAYFAIR PL	S-MA60020408	1500X1000	89.10	S-MH60017519	S-MH60017624	223.79	223.77	5
RIVER AV	MH AT MAYFAIR PL TO MH AT DONALD ST (W PL)	S-MA60020409	1500X1000	46.03	S-MH60017624	S-MH60017625	223.78	223.65	5
RIVER AV	MH AT DONALD ST (W PL) TO 1ST MH E OF DONALD ST	S-MA60020410	1500X1000	65.53	S-MH60017625	S-MH60017626	223.65	223.60	5
RIVER AV	1ST MH E OF DONALD ST TO MH AT HARKNESS AV	S-MA60020411	1500X1000	101.08	S-MH60017626	S-MH60017622	223.79	223.74	5
RIVER AV	MH AT BRYCE ST TO MH AT SCOTT ST	S-MA60020542	900X1350	85.59	S-MH60017724	S-MH60017503	223.85	0.00	5
RIVERBEND CR (E LEG)	1ST MH S OF PORTAGE AV TO MH AT PORTAGE AV (CL)	S-MA20009022	300	87.78	S-MH20008324	S-MH20008312	230.99	229.74	2
RIVERBEND CR (W LEG)	MH AT PORTAGE AV SPL TO 1ST MH S OF PORTAGE AV	S-MA20008968	300	56.10	S-MH20008280	S-MH20008271	232.18	231.23	2
RIVERBEND CR (W LEG)	1ST MH S OF PORTAGE AV TO 2ND MH S OF PORTAGE AV	S-MA20008970	250	78.90	S-MH20008271	S-MH20008269	232.55	232.18	2
ROCKWOOD ST	1ST NODE N OF YALE AV TO MH AT YALE AV (CL)	S-MA60010234	300	43.28	plug/ node	S-MH60008608	0.00	229.36	6
ROCKWOOD ST	MH AT GARWOOD AV TO MH AT FLEET AV	S-MA60011407	750	84.53	S-MH60009665	S-MH60009669	226.65	226.33	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
ROCKWOOD ST	MH AT FLEET AV TO MH AT MULVEY AV	S-MA60011413	750	81.60	S-MH60009669	S-MH60009674	226.48	226.11	6
ROCKWOOD ST	MH AT LORETTE ST TO MH AT DUDLEY AV	S-MA60011460	600	85.88	S-MH60009706	S-MH60009701	227.03	226.67	6
RORIE ST	1ST MH N OF MCDERMOT AV TO MH AT MCDERMOT AV	S-MA70013637	225	42.10	S-MH70005058	S-MH20014677	227.90	0.00	5
ROSEBERRY ST	1ST MH N OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MA20007624	600	109.82	S-MH20006975	S-MH20006979	230.72	230.15	2
ROSEBERRY ST	2ND MH S OF NESS AV TO 1ST MH S OF NESS AV	S-MA20008132	450	136.94	S-MH20008177	S-MH20007472	229.94	229.49	2
ROSEBERRY ST	1ST MH S OF SILVER AV TO 2ND MH S OF SILVER AV	S-MA20008147	300	103.58	S-MH20007662	S-MH20007488	233.11	232.58	2
ROSEBERRY ST	MH AT SILVER AV (SPL) TO 1ST MH S OF SILVER AV	S-MA20008329	300	104.24	S-MH20007679	S-MH20007662	234.09	233.11	2
ROSEBERRY ST	MH AT SILVER AV (N PL) TO 1ST MH N OF SILVER AV	S-MA20008340	300	113.69	S-MH20007674	S-MH20007673	232.88	232.25	2
ROSEBERRY ST	1ST MH S OF ST MATTHEWS AV TO MH AT ST MATTHEWS AV	S-MA20008344	375	106.38	S-MH20007682	S-MH20006979	231.72	230.15	2
ROSEBERRY ST	2ND MH S OF PORTAGE AV TO 2ND MH N OF ASSINIBOINE AV	S-MA20008771	375	91.44	S-MH20008083	S-MH20008084	230.11	228.31	2
ROSEBERRY ST	2ND MH N OF ASSINIBOINE AV TO 1ST MH N OF ASSINIBOINE AV	S-MA20008772	375	60.96	S-MH20008084	S-MH20008085	230.11	228.31	2
ROSLYN CR (E LEG)	MH AT ROSLYN RD (N PL) TO MH AT ROSLYN RD (S PL) AT NASSAU ST N	S-MA60020762	300	22.69	S-MH60017901	S-MH60017885	227.01	226.95	5
ROSLYN CR (E LEG)	1ST MH N OF ROSLYN RD TO MH AT ROSLYN RD (N PL)	S-MA60020799	600	97.82	S-MH60017914	S-MH60017901	227.25	227.01	5
ROSS AV	MH AT ELLEN ST (E PL) TO 1ST MH E OF ELLEN ST	S-MA20018986	300	64.01	S-MH20017035	S-MH20017027	228.22	227.91	4
ROW (BETWEEN ALEXANDER ST AND PACIFIC ST)	MH AT ALEXANDER TO MH AT PACIFIC AV	S-MA20012189	200	99.16	S-MH20011278	S-MH20011119	230.65	0.00	3
ROW (BETWEEN LINWOOD ST AND LYLE ST)	1ST MH N OF NESS AV TO MH AT NESS AV (N OF CL)	S-MA20007937	300	32.31	S-MH20007278	S-MH20007279	229.97	229.52	1
ROW (BETWEEN PORTAGE AV AND LODGE AV)	1ST MH N OF PORTAGE TO 1ST MH E OF SHARP BV (1ST N OF PORTAGE AV)	S-MA20005178	225	60.60	S-MH20004752	S-MH20004730	231.51	231.49	1
ROW (BETWEEN PORTAGE AV AND LODGE AV)	OF MOORGATE (W OF CONWAY ST) TO MH AT MOORGATE (WPL) (1ST MH N OF PORTAGE AV)	S-MA20005191	225	80.77	S-MH20004746	S-TE70018563	233.73	0.00	1
ROW (E OF WINSTON DRIVE)	MH AT PORTAGE AVE TO 1ST MH SW OF RIVERBEND	S-MA20008847	2250	138.25	S-TE20002180	S-TE20002146	0.00	0.00	2
ROW (E OF WINSTON DRIVE)	MH AT PORTAGE AVE TO 1ST MH SW OF RIVERBEND	S-MA20008913	2250	2.59	S-TE20002181	S-TE20002180	225.69	0.00	2
ROW (E OF WINSTON DRIVE)	MH AT PORTAGE AVE TO 1ST MH SW OF RIVERBEND	S-MA20008914	2250	6.83	S-MH20008230	S-TE20002181	0.00	0.00	2
ROW (E OF WINSTON DRIVE)	MH AT PORTAGE AVE TO 1ST MH SW OF RIVERBEND	S-MA70040302	2280	11.06	S-TE20002146	S-MH20008157	0.00	0.00	2
ROW (FROM GARWOOD AV TO GARWOOD AV)	MH AT ARBUTHNOT ST TO 1ST MH W OF COCKBURN ST N	S-MA60021640	300	87.99	S-MH60008323	S-MH60018472	228.20	227.82	6
ROW (FROM GARWOOD AV TO GARWOOD AV)	1ST MH W OF COCKBRUN ST N TO MH AT COCKBURN ST N (CL)	S-MA60021641	375	86.62	S-MH60018472	S-MH60008399	227.82	226.72	6
ROW (N OF PORTAGE AV)	MH AT BROOKLYN ST (W OF CL) TO MH AT BERRY ST (W OF CL)	S-MA20008931	300	80.47	S-MH20008238	S-MH20008239	231.88	231.49	2
ROW (N OF PORTAGE AV)	MH AT BERRY ST(W OF CL) TO MH AT HAMPTON ST (W OF CL)	S-MA20008932	375	107.26	S-MH20008239	S-MH20008240	231.49	230.95	2
ROW (S OF PORTAGE)	1ST MH SW OF RIVERBEND CR TO MH AT PARKSIDE DR	S-MA20008829	750	124.97	S-MH20008157	S-MH20008136	228.58	228.47	2
ROW (S OF PORTAGE)	1ST NODE E OF PARKVIEW ST TO MH AT PARKVIEW ST	S-MA20008861	300	48.74	S-MH70017554	S-MH20008164	231.25	230.96	2
ROWLAD AV (S LEG)	2ND MH E OF MOUNT ROYAL RD TO 1ST MH E OF MOUNT ROYAL RD	S-MA20005161	300	110.64	S-MH20004714	S-MH20004712	233.21	232.79	1
RUSKIN RW	MH AT YALE AV TO 1ST MH N OF GROSVENOR AV	S-MA60010849	600	69.41	S-MH60009169	S-MH60009125	226.43	226.20	6
RUSKIN RW	MH AT PALK RD TO MH AT YALE AV	S-MA60010873	450	83.76	S-MH60009154	S-MH60009169	226.85	226.47	6
RUSKIN RW	MH AT HARVARD AV (CL) TO MH AT PALK RD (CL)	S-MA60010877	450	67.06	S-MH60009150	S-MH60009154	227.03	226.88	6
RUSKIN RW	1ST MH N OF GROSVENOR ST TO NODE ON GROSVENOR ST (N OF CL)	S-MA70015377	600	47.06	S-MH60009125	S-TE70007043	226.20	226.06	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
RUTLAND ST	1ST MH N OF NESS AV TO MH AT NESS AV	S-MA20007982	375	91.44	S-MH20007366	S-MH20007320	230.43	227.98	1
RUTLAND ST	2ND MH N OF NESS AV TO 1ST MH N OF NESS AV	S-MA20008027	375	106.68	S-MH20007383	S-MH20007366	230.89	230.43	1
S OF PORTAGE (TO OUTFALL)	1ST MH SW OF RIVERBEND CR TO 1ST MH N OF RIVER	S-MA70040303	2280	34.12	S-MH20008157	S-MH20008302	0.00	0.00	2
SACKVILLE ST	MH AT SILVER AV (SPL) TO 1ST MH S OF SILVER AV	S-MA20008065	300	112.17	S-MH20007405	S-MH20007406	231.93	230.83	1
SACKVILLE ST	1ST MH N OF PORTAGE AV TO 2ND MH N OF PORTAGE AV	S-MA20008645	300	91.59	S-MH20007957	S-MH20008013	231.06	230.35	1
SADLER AV	1ST MH W OF FITZPATRICK RD-MH AT FITZPATRICK RD	S-MA50018725	300	122.98	S-MH50014438	S-MH50015029	229.83	229.03	8
SARGENT AV	MH AT FERRY RD TO 1ST MH E OF FERRY RD	S-MA20007667	600	186.75	S-MH20007015	S-MH20007014	231.38	230.90	2
SARGENT AV	1ST MH W OF BERRY ST TO MH AT BERRY ST	S-MA20007762	900	176.39	S-MH20007101	S-MH20007147	230.28	229.73	2
SARGENT AV	MH AT BRADFORD ST TO MH AT KING EDWARD ST (CL)	S-MA20007799	1050	180.20	S-MH20007160	S-MH20007146	229.36	228.92	2
SARGENT AV	MH AT BERRY ST TO MH AT KING EDWARD ST	S-MA20007804	1050	163.44	S-MH20007147	S-MH20007146	229.58	228.92	2
SARGENT AV	MH AT CENTURY ST TO MH AT BRADFORD ST	S-MA20007816	900	150.27	S-MH20008881	S-MH20007160	229.66	229.36	2
SASKATCHEWAN AV	MH AT CENTURY ST (E PL) TO MH AT BRADFORD ST	S-MA20006972	1050	152.76	S-MH20009465	S-MH20006474	230.35	229.95	2
SASKATCHEWAN AV	MH AT SHERWIN RD TO MH AT BERRY ST	S-MA20006977	1050	213.37	S-MH20006393	S-MH20006437	230.32	229.93	2
SASKATCHEWAN AV	MH AT BRADFORD ST TO MH AT KING EDWARD ST	S-MA20020065	1200	185.17	S-MH20006474	S-MH20006458	0.00	0.00	2
SASKATCHEWAN AV	MH AT BERRY ST TO MH AT KING EDWARD ST	S-MA70028900	1200	168.28	S-MH20006437	S-MH20006458	229.92	0.00	2
SCOTLAND AV	1ST MH W OF COCKBURN ST N TO MH AT COCKBURN ST N	S-MA60009094	375	86.72	S-MH60008340	S-MH60007495	228.01	228.01	6
SCOTLAND AV	MH AT STAFFORD ST (CL) TO 1ST MH W OF WENTWORTH ST	S-MA60009447	450	85.73	S-MH60009965	S-MH60008132	228.26	227.80	6
SCOTLAND AV	1ST MH W OF WENTWORTH ST TO MH AT WENTWORTH ST	S-MA60009779	450	86.56	S-MH60008132	S-MH60008123	227.80	227.57	6
SCOTLAND AV	MH AT ARBUTHNOT ST TO 1ST MH E OF ARBUTHNOT ST	S-MA60010001	300	86.26	S-MH60008347	S-MH60008340	228.44	228.01	6
SELKIRK AV	1ST MH W OF VAN HORNE ST TO MH AT VANHORNE ST	S-MA00010814	300	68.88	S-MH00008672	S-MH00008666	228.43	228.14	3
SELKIRK AV	MH AT MCGREGOR ST TO MH AT ANDREWS ST	S-MA00012914	1000X1500	196.92	S-MH00012712	S-MH00011635	226.70	226.37	4
SELKIRK AV	MH AT ANDREWS ST TO 1ST MH E OF ANDREWS ST	S-MA00012997	1000X1500	201.22	S-MH00011635	S-MH00011694	226.37	226.22	4
SELKIRK AV	1ST MH E OF ANDREWS ST TO MH AT SALTER ST (CL)	S-MA00013073	1000X1500	201.17	S-MH00011694	S-MH00011756	226.22	225.71	4
SELKIRK AV	MH AT SALTER ST TO 1ST MH E OF SALTER ST	S-MA00013171	1650X2000	105.17	S-MH00011756	S-MH00011785	225.71	225.45	4
SELKIRK AV	1ST MH E OF SALTER ST TO MH AT AIKINS ST	S-MA00013195	1200X1650	96.01	S-MH00011785	S-MH00011883	225.45	225.42	4
SELKIRK AV	MH AT AIKINS ST TO MH AT ROBINSON ST (W PL)	S-MA00013313	1350X1800	97.44	S-MH00011967	S-MH00011883	0.00	225.32	4
SELKIRK AV	MH AT ROBINSON ST (W PL) TO MH AT CHARLES AV (E PL)	S-MA00013401	1350X1800	110.30	S-MH00011967	S-MH00011983	225.32	0.00	4
SELKIRK AV	MH AT CHARLES ST (E PL) TO 1ST MH E OF CHARLES ST	S-MA00013424	1600X2000	136.24	S-MH00011983	S-MH00011996	225.06	224.95	4
SELKIRK AV	1ST MH W OF KING ST TO MH AT MAIN (E OF CL)	S-MA00013453	1600X2000	161.60	S-MH00011996	S-MH00012134	224.75	224.26	4
SELKIRK AV	1ST MH E OF AUSTIN ST TO 2ND MH E OF AUSTIN ST	S-MA00013835	1600X2000	47.75	S-MH00012339	S-TE70021163	223.64	0.00	4
SELKIRK AV	1ST MH E OF MCKENZIE ST TO MH AT MCGREGOR ST	S-MA00014261	1000X1500	100.45	S-MH00012702	S-MH00012712	226.79	226.70	4
SELKIRK AV (CL)	MH AT MAIN ST (E OF CL) TO MH AT AUSTIN ST (CL)	S-MA00013615	1600X2000	123.76	S-MH00012134	S-MH00012279	224.26	223.96	4
SELKIRK AV (CL)	MH AT AUSTIN ST TO 1ST MH E OF AUSTIN ST	S-MA00013786	1600X2000	131.06	S-MH00012279	S-MH00012339	223.96	223.64	4

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
SHARP BV	1ST MH N OF BRUCE AV (W OF CL) TO MH AT SW PL BRUCE AV	S-MA70040631	375	176.81	S-MH20005458	S-MH20004828	231.17	0.00	1
SHARP BV (E OF CL)	1ST MH S OF NESS AV TO 2ND MH S OF NESS AV	S-MA20005946	250	87.08	S-MH20005488	S-MH20005460	232.75	0.00	1
SHARP BV (W OF CL)	MH AT NESS AV (S PL) TO 1ST MH S OF NESS AV	S-MA20005944	250	145.02	S-MH20005485	S-MH20005458	232.99	231.90	1
SHERBROOK ST	1ST MH S SARA AV TO NODE AT BROADWAY (CL)	S-MA20014603	600	112.44	S-MH20013186	S-MH20013187	226.84	226.48	5
SHERBROOK ST	MH AT ALEXANDER AV (N PL) TO SEWER T AT LOGAN AV	S-MA20018718	600	102.00	S-MH20016778	S-TE20007420	227.51	227.29	4
SHERBROOK ST (W PL)	MH AT ELGIN AV (S PL) TO MH AT WILLIAM AV	S-MA20018526	600	94.72	S-MH20016597	S-MH20016582	227.20	226.94	4
SHERBROOK ST (W PL)	MH AT WILLIAM/SHERBROOK TO JUNCTION AT BANNATYNE	S-MA70013295	900	118.73	S-MH20016582	S-MH20016482	226.94	0.00	4
SMITH ST	MH AT BROADWAY (S PL) TO 1ST MH S OF BROADWAY	S-MA20014204	750	71.78	S-MH20012838	S-MH20012911	0.00	226.95	5
SMITH ST	MH AT BROADWAY (CL) TO MH AT BROADWAY (S PL)	S-MA20014287	750	14.79	S-MH20012912	S-MH20012911	227.08	0.00	5
SMITH ST	MH AT YORK AV (S PL) TO 1ST MH S OF YORK AV	S-MA20014293	720	52.12	S-MH20012915	S-MH20012913	227.34	227.27	5
SMITH ST	MH AT ST MARY AV TO 1ST MH S OF ST MARY AV	S-MA20016055	600	86.96	S-MH20014448	S-MH20014446	227.76	227.55	5
SMITH ST / NAVY WY	2ND MH S OF BROADWAY TO 2ND MH N OF ASSINIBOINE AV	S-MA20014213	750	16.61	S-MH20012847	S-MH20012848	226.58	226.57	5
SPRUCE ST	1ST MH N OF ELLICE AV TO MH AT DAUPHIN AV	S-MA20009266	300	115.82	S-MH20008481	S-MH20008522	229.81	229.10	2
SPRUCE ST	MH AT WOLEVER AV TO 1ST MH S OF WOLEVER AV	S-MA20011078	300	74.07	S-MH20010207	S-MH20010098	229.63	229.26	2
ST JAMES ST	1ST MH N OF SARGENT AV TO MH AT SARGENT AV	S-MA20009851	250	76.81	S-MH20009006	S-MH20008994	230.91	229.86	2
ST JEAN BAPTISTE ST	MH AT DOLLARD ST (S PL) TO MH AT YELLE ST (N PL)	S-MA50002796	300	81.09	S-MH50002387	S-MH50002337	226.34	225.21	7
ST MATTHEWS AV	MH AT ROSEBERRY ST TO MH AT COLLEGIATE ST	S-MA20007627	750	89.07	S-MH20006979	S-MH20006978	230.15	229.86	2
ST MATTHEWS AV	MH AT PARKVIEW ST TO MH AT ROSEBERRY ST	S-MA20007628	750	90.21	S-MH20007033	S-MH20006979	230.19	230.15	2
ST MATTHEWS AV	MH AT MARJORIE ST TO MH AT PARKVIEW ST	S-MA20007685	600	84.66	S-MH20007039	S-MH20007033	230.65	230.19	2
ST MATTHEWS AV	MH AT BERRY ST TO MH AT BROOKLYN ST	S-MA20007699	750	78.62	S-MH20007047	S-MH20007060	230.04	229.26	2
ST MATTHEWS AV	MH AT KING EDWARD ST (N PL) TO MH AT CENTURY ST (S OF SPL)	S-MA20007716	2100	176.02	S-MH20007054	S-MH20007791	227.00	0.00	2
STAFFORD ST	MH AT HARVARD AV (S PL) TO MH AT YALE AV (CL)	SMA60010585	300	120.40	S-MH70016774	S-MH70016775	228.93	227.47	6
STAFFORD ST	MH AT HARVARD AV (NPL) TO MH AT KINGSWAY (CL)	S-MA60011054	300	115.82	S-MH60009326	S-MH60009351	228.90	228.09	6
STAFFORD ST	MH AT ACADEMY RD (SPL) TO 3RD MH N OF KINGSWAY (CL)	S-MA60021484	300	91.14	S-MH60018366	S-MH60018367	229.19	228.84	6
STRADBROOK AV	MH AT HARKNESS AV TO MH AT ARCTIC ST (W OF CL)	S-MA60020406	1500X1000	40.41	S-MH60017622	S-MH60017574	223.45	223.40	5
STRADBROOK AV	1ST MH E OF ARCTIC ST TO 2ND MH E OF ARCTIC ST	S-MA70004353	1000X1500	90.24	S-MH60017577	S-MH70001932	223.28	223.05	5
STRATHCONA ST	1ST MH S OF RIDDLE AV TO MH AT PORTAGE AV (CL)	S-MA20010615	375	114.00	S-MH20009717	S-MH20009681	228.32	226.40	2
STRATHMILLAN RD	MH AT LODGE AV TO 1ST MH S OF LODGE AV (CL)	S-MA20005484	450	189.23	S-MH20005084	S-MH20004991	231.08	230.39	1
TACHE AVE	1ST MH N OF MARION ST-MH @ GOULET ST	S-MA70040585	300	77.60	S-MH50002750	S-MH70016214	0.00	223.94	8
TORONTO ST	2ND MH N SARGENT AV TO 3RD MH N SARGENT AV	S-MA20017561	600	91.26	S-MH20015786	S-MH20015756	228.52	228.39	5
TRAILL AV	2ND MH E OF MOUNT ROYAL RD TO 1ST MH N OF PORTAGE AV	S-MA20005479	375	15.24	S-MH20005011	S-MH20005012	231.41	231.20	1
TRURO ST	1ST MH N OF BRUCE AV TO 1ST MH S OF NESS AV	S-MA20007891	450	119.79	S-MH20007232	S-MH20007233	228.97	228.80	1
TRURO ST	1ST MH N OF NESS AV TO MH AT NESS AV (S OF CL)	S-MA20007974	375	91.44	S-MH20007337	S-MH20007306	229.78	228.36	1

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
TRURO ST	2ND MH S OF SILVER AV TO 1ST MH N OF SILVER AV	S-MA20008000	375	106.07	S-MH20007353	S-MH20007337	230.17	229.78	1
TRURO ST	MH ST SILVER ST (SPL) TO 1ST MH S OF SILVER ST	S-MA20008013	300	112.47	S-MH20007351	S-MH20007352	231.58	230.60	1
TURNER AV (N LEG)	4TH MH E OF MOUNT ROYAL RD TO 5TH MH E OF MOUNT ROYAL RD (AT EASEMENT)	S-MA20005870	450	16.15	S-MH20005390	S-MH20005392	230.73	230.50	1
TURNER AV (N LEG)	MH AT MOUNT ROYAL RD TO 1ST MH E OF MOUNT ROYAL RD	S-MA20005873	450	108.81	S-MH20005393	S-MH20005394	231.58	231.09	1
UNION AV W	1ST MH TO 2ND MH E OF BRAZIER ST	S-MA40008917	300	101.59	S-MH40008123	S-MH40008107	228.34	227.83	7
VAVASOUR AV	MH AT MOUNT ROYAL RD TO 1ST MH E OF MOUNT ROYAL RD	S-MA20005854	600	108.20	S-MH20005377	S-MH20005378	232.15	231.92	1
VAVASOUR AV	1ST MH E OF MOUNT ROYAL RD TO 2ND MH E OF MOUNT ROYAL RD	S-MA20005855	600	110.34	S-MH20005378	S-MH20005376	231.92	231.59	1
VAVASOUR AV	2ND MH E OF MOUNT ROYAL RD TO 3RD MH E OF MOUNT ROYAL RD (AT EASMENT)	S-MA20005865	600	56.61	S-MH20005376	S-MH20005385	231.59	0.00	1
VERNON RD	1ST MH N OF PORTAGE AV TO MH AT PORTAGE AV (CL)	S-MA20005425	450	153.62	S-MH20004995	S-MH20004960	229.95	229.23	1
VERNON RD	MH AT LODGE AV TO 1ST MH S OF LODGE AV	S-MA20005528	450	149.35	S-MH20005076	S-MH20005057	231.10	230.58	1
WALMER ST (N OF CL)	1ST MH W OF FERNDALE AV TO 1ST MH W OF LAWNSDALE AV	S-MA70008003	1500	119.6	S-MH70003270	S-MH70003276			5
WALMER ST (N OF CL)	1ST MH W OF LAWNSDALE AV TO 1ST MH W OF BIRCHDALE AV	S-MA70008035	1500	119.6	S-MH70003276	S-MH70003281			5
WALMER ST (N OF CL)	MH AT ST MARYS RD (W PL) TO 1ST MH W OF FERNDALE AV	S-MA70040887	1500	113.5	S-MH70016494	S-MH70003270			5
WARSAW AV	MH AT HARROW ST (E PL) TO 1ST MH W OF STAFFORD ST	S-MA60009505	300	79.79	S-MH60007886	S-MH60007932	229.36	229.02	6
WARSAW AV	1ST MH W OF STAFFORD ST O MH AT STAFFORD ST (CL)	S-MA60009558	300	79.92	S-MH60007932	S-MH60007942	229.01	228.73	6
WARSAW AV	1ST MH W OF WENTWORTH ST TO MH AT WENTWORTH ST	S-MA60009666	375	85.50	S-MH60008030	S-MH60008062	228.08	227.34	6
WARSAW AV	MH AT WENTWORTH ST TO 1ST MH W OF LILAC ST	S-MA60009702	450	87.17	S-MH60008062	S-MH60008104	227.87	227.59	6
WARSAW AV	MH AT HUGO TO 1ST MH W OF HUGO	S-MA60010031	300	86.83	S-MH60008377	S-MH60008381	228.27	227.77	6
WARSAW AV	1ST MH E OF THURSO ST TO MH AT THURSO ST	S-MA60011291	300	100.55	S-MH60008640	S-MH60009555	228.61	226.77	6
WARSAW ST	1ST MH W OF HARROW ST TO MH AT HARROW ST	S-MA60009511	450	86.53	S-MH60007887	S-MH60008835	0.00	225.71	6
WARSAW ST	MH AT GUELPH ST TO 1ST MH E OF GUELPH ST	S-MA60010548	450	85.63	S-MH60008840	S-MH60008835	226.43	0.00	6
WEATHERDON AV	1ST MH W OF WENTWORTH ST TO MH AT WENTWORTH ST	S-MA60011791	300	85.65	S-MH60010017	S-MH60010068	228.81	228.38	6
WEATHERDON AV	MH AT WENTWORTH ST TO 1ST MH W OF LILAC ST	S-MA60011846	375	87.17	S-MH60010068	S-MH60010127	228.38	228.03	6
WEATHERDON AV	1ST MH W OF LILAC ST TO MH AT LILAC ST	S-MA60011908	375	85.34	S-MH60010127	S-MH60008124	228.03	226.74	6
WELLINGTON AV	MH AT E PL DOMINION ST TO MH AT GARFIELD ST	S-MA20010116	750	71.77	S-MH20009253	S-MH20009257	226.83	226.55	4
WELLINGTON AV	MH AT DOWNING ST TO MH AT DOMINION ST	S-MA20010126	600	90.56	S-MH20009247	S-MH20009241	227.06	226.83	4
WELLINGTON CR	1ST MH S OF ACADEMY RD TO 1ST MH N OF KINGSWAY	S-MA60010861	600	114.29	S-MH60009139	S-MH60009140	226.84	226.65	6
WELLINGTON CR	1ST MH N OF KINGSWAY TO MH AT KINGSWAY	S-MA60010864	600	43.28	S-MH60009140	S-MH60009143	226.62	226.59	6
WELLINGTON CR	MH AT KINGSWAY TO 1ST MH S OF KINGSWAY	S-MA60010866	600	72.60	S-MH60009143	S-MH60009163	226.56	226.41	6
WELLINGTON CR	MH AT GUELPH ST (CL) TO 1ST MH W OF HARROW ST	S-MA60011031	300	66.90	S-MH60009305	S-MH60009306	228.00	0.00	6
WELLINGTON CR	MH AT DORCHESTER AVE TO MH AT COCKBURN ST	S-MA60020116	900	18.29	S-MH60017434	S-MH60017435	225.09	225.07	6
WELLINGTON CR	1ST MH E GROSVENOR AVE TO MH AT DORCHESTER AVE	S-MA60020118	900	80.00	S-MH60017436	S-MH60017434	225.15	225.10	6
WELLINGTON CR	MH AT COCKBURN ST TO 1ST MH E COCKBURN ST	S-MA60020119	900	88.39	S-MH60017435	S-MH60017437	225.07	224.87	6

STREET	LOCATION	ASSET NO.	PIPE SIZE	LENGTH	U/S NODE	D/S NODE	START INV.	END INV.	MAP #
WELLINGTON CR	1ST MH W OF ACADEMY RD (CL) TO MH AT ACADEMY RD (CL)	S-MA60021455	450	87.03	S-MH60018340	S-MH60018341	227.54	227.33	6
WELLINGTON CR	MH AT ACADEMY RD TO 1ST MH S OF ACADEMY RD	S-MA60021456	600	111.35	S-MH60018341	S-MH60009139	227.29	226.86	6
WHYTEWOLD RD	2ND MH S OF LODGE AV TO 2ND MH N OF PORTAGE AV	S-MA20005470	450	154.35	S-MH20005049	S-MH20005004	230.99	230.39	1
WHYTEWOLD RD	1ST MH S OF LODGE AV TO 2ND MH S OF LODGE AV	S-MA20005520	450	133.81	S-MH20005051	S-MH20005049	231.40	230.99	1
WHYTEWOLD RD	MH AT BEAVERBEND CR TO MH AT LODGE AV	S-MA20005523	600	81.04	S-MH20005092	S-MH20005050	231.73	231.73	1
WHYTWWOLD RD	MH AT DALLAS RD (CL) TO MH AT DAVERBEND CR (CL)	S-MA20005563	600	79.22	S-MH20005091	S-MH20005092	232.02	231.74	1
WILLIAM AV	2ND MH W OF SHERBROOK ST TO 1ST MH W OF SHERBROOK ST	S-MA20018368	600	101.50	S-MH20016444	S-MH20016494	227.43	227.18	4
WILLIAM AV	1ST MH W OF SHERBROOK ST TO MH AT SHERBROOK ST (W PL)	S-MA20018423	600	94.49	S-MH20016494	S-MH20016582	227.18	226.94	4
WILLIAM AV W	2ND MH E OF KEEWATIN ST TO MH AT WORTH ST (CL)	S-MA20011885	300	77.97	S-MH20010829	S-MH20010888	229.99	229.61	3
WINCHESTER ST	1ST MH N OF NESS(W CL)-1ST MH S OF NESS AVE(CL)	S-MA20007930	200	71.02	S-MH20007269	S-MH20007271	0.00	0.00	1
WINCHESTER ST	2ND MH S OF BRUCE AV TO 1ST MH S OF BRUCE AV	S-MA20008588	375	99.36	S-MH20007908	S-MH20007909	229.77	229.54	1
WINCHESTER ST	1ST MH S OF BRUCE AV TO MH AT BRUCE AV	S-MA20008591	375	98.50	S-MH20007909	S-MH20007912	0.00	0.00	1
WINSTON DR	1ST MH N OF ASSINIBOINE AV TO MH AT ASSINIBOINE AV	S-MA20008799	375	121.92	S-MH20008135	S-MH20008112	230.97	229.41	2
WOLSELEY AV	MH AT TELFER ST S TO MH AT CLIFTON ST S	S-MA20011501	600	85.17	S-MH20010481	S-MH20010500	226.04	225.43	2
WOLSELEY AV	1ST MH W OF MARYLAND ST TO 2ND MH W OF MARYLAND ST (CL)	S-MA20013617	300	54.80	S-MH20012337	S-MH20012666	229.40	229.12	5
WOLSELEY AV	2ND MH W OF MARYLAND ST TO MH AT WALNUT ST	S-MA20013978	300	112.20	S-MH20012666	S-MH20012658	229.12	227.80	5
WOODLAWN ST	2ND MH N OF PORTAGE AV TO 3RD MH N OF PORTAGE AV	S-MA20005210	300	125.27	S-MH20004766	S-MH20004817	231.19	230.61	1
WORTHINGTON AVE	MH @ MARLENE ST - 1ST MH W OF MARLENE ST	S-MA50018539	300	97.76	S-MH50014877	S-MH50011618	229.58	229.35	8
XANTE ST	MH N OF CL ALEXANDER AV TO MH AT N PL PACIFIC AV	S-MA20019529	1450X1875	64.80	S-MH20017580	S-MH20017547	226.01	225.98	4
YALE AV	MH AT ROCKWOOD ST TO 1ST MH E OF ROCKWOOD ST (CL)	S-MA60010284	375	86.87	S-MH60008608	S-MH60008630	229.04	229.03	6
YORK AV	1ST MH W OSBORNE ST TO MH AT COLONY ST (CL)	S-MA70040500	600	43.63	S-MH20013442	S-MH70016156	0.00	225.95	5