



CITY OF BATTLE CREEK

ADDENDUM 1
IFB#2017-047B

TITLE: Sewer Televising and Cleaning

ADDENDUM ISSUED: January 24, 2017

The following changes, additions and deletions have been provided:

ADD: The attached STREETS LIST

DUE DATE AND TIME REMAINS THE SAME

THIS ADDENDUM MUST BE ACKNOWLEDGED ON THE OFFER TO CONTRACT FORM IN THE SOLICITATION OR YOUR BID MAY BE DEEMED NON-RESPONSIVE.

<u>FEATURE_ID</u>	<u>SIZE</u>	<u>Street</u>	<u>Shape</u>	<u>len</u>	<u>Size</u>	<u>Total</u>	<u>Street</u>	<u>Length</u>
9600	10	River Rd W		7.918387	10			
9601	10	River Rd W		365.217447	10			
9602	10	River Rd W		347.791215	10			
9603	10	River Rd W		256.562832	10			
9604	10	River Rd W		253.440345	10			
9605	10	River Rd W		261.98883	10			
9606	10	River Rd W		248.815293	10			
9607	10	River Rd W		319.445395	10			
9608	10	River Rd W		294.745986	10			
9609	10	River Rd W		300.987343	10			
9610	10	River Rd W		297.417717	10			
9611	10	River Rd W		348.799521	10			
9612	10	River Rd W		320.872609	10			3,624.00

Total Length: **3,624.00**

Average Length of Run: **278.77**

<u>FEATURE ID</u>	<u>SIZE</u>	<u>Street</u>	<u>Shape len</u>	<u>Total Street Length</u>
894	48		72.140341	
906	54		700.185814	
918	48		380.624957	
920	48		574.061409	
932	54		756.043944	
933	48		373.725774	
942	48		314.76861	
943	54		674.215301	
952	27		39.205533	
991	27		121.035742	
1025	27		75.507523	
1042	27		92.756039	
1070	27		250.038576	
1113	27		171.344007	
1145	27		148.194295	
1217	36		285.126015	
1254	36		131.594256	
1265	24		309.040278	
1273	24		280.10358	
1276	36		54.948764	
1277	24		101.1822	
1300	24		417.785664	
1324	10		32.27885	
1327	24		294.851633	
1365	12		289.543901	
1386	8		143.275019	
1391	12		287.003647	
1410	36		289.22311	
1421	12		229.264173	
1422	12		480.891365	
1460	8		119.554934	
1469	12		488.741536	
1484	36		336.527201	
1486	8		198.138583	
1487	8		133.008647	
1492	8		120.090983	
1546	10		343.965315	
1547	8		135.38989	
1553	8		97.3149	
1558	10		77.959042	
1562	8		137.086848	
1568	8		205.216802	
1572	8		236.678833	
1573	8		31.942241	
1581	8		58.779318	

1583	8	57.836128
1599	8	198.854448
1601	8	149.964079
1604	36	156.094752
1605	8	135.291037
1616	8	75.267163
1620	8	98.205428
1622	8	324.795915
1637	8	117.011716
1651	8	313.959078
1662	36	173.594878
1673	8	132.849103
1674	8	142.571791
1739	24	296.890247
1752	24	296.412647
1809	24	301.250006
1838	12	355.370665
1846	24	116.210425
1867	10	277.285434
1876	30	389.040894
1877	24	229.98042
1879	24	23.861609
1911	8	405.432181
1918	24	254.465327
1929	8	297.935938
1931	8	80.20104
1939	15	52.744148
1941	15	49.040841
1943	18	191.392244
1951	18	212.263046
1960	18	201.231731
1963	8	223.010892
1969	18	205.656463
1971	24	253.029545
1975	8	43.637825
1976	15	86.547579
1984	15	209.224903
1991	15	308.083592
2041	30	572.556749
2051	15	208.83151
2062	15	330.604586
2118	8	256.980729
2136	30	295.381799
2162	8	269.238805
2176	12	484.714588
2184	8	342.757242
9158	12	557.217562

9391	30	383.027933	
9392	12	304.424967	
9542	36	127.717209	
9543	36	139.835361	
9544	36	109.905107	
9737	8	37.778296	
9738	8	13.934707	
9739	8	39.783671	
9740	8	20.223909	
9741	12	394.260418	
9742	15	99.664843	
9743	15	151.805893	
9863	8	104.537711	
10199	36	277.429347	
10200	36	65.375577	24,114.84
1376	8 Brady Rd	144.303453	
1376	8 Brady Rd	116.636619	
1608	15 Brady Rd	224.126122	
1618	15 Brady Rd	55.296088	
1675	15 Brady Rd	330.100457	
1680	15 Brady Rd	64.974921	
1735	15 Brady Rd	278.883501	
9760	8 Brady Rd	73.555419	1,287.88
2119	8 Briarcliff Ln	248.930113	
2192	8 Briarcliff Ln	191.451978	440.38
1348	10 Brydges Dr	93.58135	
1370	10 Brydges Dr	102.064406	
1385	10 Brydges Dr	116.279761	
1388	10 Brydges Dr	107.974333	
1389	8 Brydges Dr	340.910316	
9213	8 Brydges Dr	76.76703	
9761	10 Brydges Dr	350.81104	
9762	10 Brydges Dr	443.612509	1,632.00
822	15 Clark Rd	154.307847	
823	12 Clark Rd	82.414806	
845	8 Clark Rd	126.10169	
875	8 Clark Rd	86.976622	
876	8 Clark Rd	75.362224	
907	8 Clark Rd	216.245187	
949	8 Clark Rd	211.880947	
950	8 Clark Rd	74.73571	
995	8 Clark Rd	151.729035	
1038	8 Clark Rd	195.804443	
1060	8 Clark Rd	189.473614	
1061	8 Clark Rd	79.180841	
1108	8 Clark Rd	187.90086	
1176	8 Clark Rd	264.223464	

1177	8 Clark Rd	84.515852	
1400	8 Clark Rd	81.320038	
1434	8 Clark Rd	184.698803	
1549	8 Clark Rd	265.479118	
1550	8 Clark Rd	266.026486	
1551	8 Clark Rd	314.338913	
1556	8 Clark Rd	14.77072	
1574	8 Clark Rd	108.365534	
1627	8 Clark Rd	205.763524	
1686	8 Clark Rd	146.180155	
1807	8 Clark Rd	498.42191	
1882	8 Clark Rd	256.87818	
1909	10 Clark Rd	43.568601	
1917	10 Clark Rd	71.850213	
2060	10 Clark Rd	56.928461	
2061	10 Clark Rd	404.268869	
2196	10 Clark Rd	370.508464	
9156	8 Clark Rd	196.441419	
9157	8 Clark Rd	97.336069	
9159	8 Clark Rd	320.916411	
9161	8 Clark Rd	253.888442	
10203	8 Clark Rd	84.077213	6,422.88
2052	8 Denso Rd	186.040157	
2127	8 Denso Rd	348.133454	534.17
1677	12 Dickman Rd W	285.559775	
1679	12 Dickman Rd W	314.630459	
1685	8 Dickman Rd W	83.580569	
1687	12 Dickman Rd W	299.073814	
1693	12 Dickman Rd W	174.772119	
1694	8 Dickman Rd W	159.60779	
1705	12 Dickman Rd W	298.890023	
1744	12 Dickman Rd W	301.213465	
1763	15 Dickman Rd W	189.64658	
1767	12 Dickman Rd W	189.060057	
1801	12 Dickman Rd W	270.452588	
1812	15 Dickman Rd W	361.550584	
1814	15 Dickman Rd W	38.784831	
1820	24 Dickman Rd W	22.210328	
1844	24 Dickman Rd W	131.576112	
1845	12 Dickman Rd W	277.235248	
1874	24 Dickman Rd W	191.796158	
1925	24 Dickman Rd W	260.041032	
1962	8 Dickman Rd W	212.539282	
9980	6 Dickman Rd W	37.99257	4,100.21
1945	8 Fritz Keiper Blvd	42.295215	
2059	8 Fritz Keiper Blvd	299.721565	
2124	8 Fritz Keiper Blvd	226.579058	

2188	8 Fritz Keiper Blvd	26.525108	
9991	8 Fritz Keiper Blvd	134.905678	730.03
2031	8 Hill-Brady Rd	268.164087	
2090	8 Hill-Brady Rd	268.992894	
2177	8 Hill-Brady Rd	270.538068	
2213	8 Hill-Brady Rd	267.710823	
1684	36 Hill-Brady Rd N	159.826904	
1691	36 Hill-Brady Rd N	41.65967	
1696	24 Hill-Brady Rd N	251.898743	
1701	18 Hill-Brady Rd N	18.999263	
1722	24 Hill-Brady Rd N	297.628752	
1730	24 Hill-Brady Rd N	301.227126	
1927	12 Hill-Brady Rd N	11.816867	2,158.46
2070	18 Huron Tr	129.255435	
2139	18 Huron Tr	249.54366	
2195	18 Huron Tr	176.136236	
2219	8 Huron Tr	156.252489	711.19
1565	8 Leonard Wood Dr	196.358076	
1602	8 Leonard Wood Dr	131.72973	328.09
786	15 River Rd W	113.746482	
833	15 River Rd W	239.492091	
901	15 River Rd W	405.287437	
964	15 River Rd W	406.057662	
1040	15 River Rd W	403.467682	
1071	15 River Rd W	401.738881	
1107	15 River Rd W	401.13493	
1138	15 River Rd W	392.836536	
1174	15 River Rd W	407.672886	
1197	15 River Rd W	396.20652	
1231	15 River Rd W	375.288721	
1255	15 River Rd W	396.078643	4,339.01
1816	12 Wayne Rd	114.823349	
1818	21 Wayne Rd	254.459666	
1824	21 Wayne Rd	297.066829	
1827	21 Wayne Rd	270.589619	
1828	12 Wayne Rd	98.792932	
1831	8 Wayne Rd	40.783055	
1837	21 Wayne Rd	277.243145	
1847	12 Wayne Rd	95.589019	
1849	21 Wayne Rd	199.719906	
1850	8 Wayne Rd	73.617029	
1852	21 Wayne Rd	298.366006	
1853	8 Wayne Rd	10.552823	
1859	8 Wayne Rd	101.127229	
1860	21 Wayne Rd	331.534702	
1880	24 Wayne Rd	219.39662	
1881	18 Wayne Rd	340.265704	

1908	18 Wayne Rd	261.370005	
1914	18 Wayne Rd	298.238972	
1920	24 Wayne Rd	228.350348	
1926	18 Wayne Rd	278.248646	
1930	18 Wayne Rd	190.66517	
1936	18 Wayne Rd	123.847036	
1972	24 Wayne Rd	31.354065	
1973	24 Wayne Rd	311.246531	4,747.25
2215	8 Wyndtree Dr	144.092733	144.09

Average Length of Run: **227.57**
Total Length: **46,403.06**

<u>FEATURE ID</u>	<u>SIZE</u>	<u>Street</u>	<u>Shape len</u>	<u>Total Street Length</u>
197	12		65.972793	
198	12		278.001231	
201	12		204.075589	
202	12		218.335516	
203	12		215.898026	
205	12		276.956079	
209	12		128.493565	
214	12		178.416702	
215	15		360.788024	
223	12		192.788683	
236	12		45.603999	
242	8		129.260492	
246	15		58.666827	
256	15		144.429447	
280	8		22.695139	
416	8		225.820914	
459	8		126.855705	
477	8		178.008412	
498	8		121.650354	
499	8		283.841653	
500	8		155.330571	
508	8		122.895104	
519	8		34.741361	
525	8		151.621107	
531	8		209.894106	
557	8		30.215232	
428	8		67.070923	4,228.33
708	8	Ashland Ave	56.965742	
715	8	Ashland Ave	48.959293	
722	8	Ashland Ave	172.051758	
725	8	Ashland Ave	171.710372	
726	8	Ashland Ave	176.806634	
730	8	Ashland Ave	27.76643	
731	8	Ashland Ave	25.624028	
732	8	Ashland Ave	92.181998	
9246	8	Ashland Ave	55.140428	827.21
9945	8	Bansill Dr	118.287575	
9749	8	Bansill Dr	125.801276	244.09
195	12	Baughman Ct	238.635318	
196	12	Baughman Ct	257.553946	
199	12	Baughman Ct	263.221994	
200	12	Baughman Ct	269.986694	1,029.40
224	8	Bedford Rd N	281.504118	
304	8	Bedford Rd N	162.509226	
311	8	Bedford Rd N	83.170499	
316	8	Bedford Rd N	72.072093	
367	8	Bedford Rd N	250.065043	
375	8	Bedford Rd N	190.833924	

395	8 Bedford Rd N	190.868167	
400	8 Bedford Rd N	182.76132	
417	8 Bedford Rd N	178.239902	
429	10 Bedford Rd N	200.062754	
467	8 Bedford Rd N	173.655909	
468	12 Bedford Rd N	184.780502	
488	8 Bedford Rd N	183.338457	
489	12 Bedford Rd N	180.830439	
513	12 Bedford Rd N	129.744327	
522	8 Bedford Rd N	176.8048	
549	8 Bedford Rd N	181.191626	
556	12 Bedford Rd N	192.797479	
596	10 Bedford Rd N	170.443799	
603	8 Bedford Rd N	199.442038	
637	10 Bedford Rd N	140.96442	
689	8 Bedford Rd N	150.972938	
714	8 Bedford Rd N	154.100442	
694	8 Bedford Rd N	152.628262	
716	8 Bedford Rd N	156.343694	4,320.13
252	12 Broadway Blvd	154.503856	
257	12 Broadway Blvd	154.244778	
266	12 Broadway Blvd	153.818457	
295	8 Broadway Blvd	160.370215	
306	8 Broadway Blvd	161.04245	
343	8 Broadway Blvd	160.164345	
365	8 Broadway Blvd	190.280141	
392	8 Broadway Blvd	191.542901	
420	8 Broadway Blvd	190.664776	
464	8 Broadway Blvd	160.455128	
487	8 Broadway Blvd	169.125089	
509	8 Broadway Blvd	136.552177	
546	8 Broadway Blvd	173.016456	
592	8 Broadway Blvd	170.033489	
652	8 Broadway Blvd	166.009901	
698	8 Broadway Blvd	191.542476	
735	8 Broadway Blvd	183.26797	2,866.63
357	8 Bynum Dr	97.370187	
385	8 Bynum Dr	238.092648	
407	8 Bynum Dr	14.32184	
408	8 Bynum Dr	353.769894	
409	8 Bynum Dr	237.991715	
410	8 Bynum Dr	307.861575	
378	8 Bynum Dr	306.760011	
314	8 Bynum Dr	249.998666	
426	8 Bynum Dr	334.068893	
427	8 Bynum Dr	274.567204	2,414.80
283	8 Cedar Ave N	72.402939	
302	8 Cedar Ave N	205.105167	
340	8 Cedar Ave N	204.009729	

366	15 Cedar Ave N	203.072449	
396	15 Cedar Ave N	202.221552	
449	15 Cedar Ave N	207.4285	1,094.24
206	12 Creekview Dr	130.801118	
207	12 Creekview Dr	180.560225	
208	12 Creekview Dr	173.122282	484.48
524	8 Geiger Ave	165.556759	
553	8 Geiger Ave	157.383573	
593	8 Geiger Ave	163.289944	
647	8 Geiger Ave	158.427394	644.66
393	8 Geneva Ave	198.873504	
446	8 Geneva Ave	225.859614	424.73
430	8 Kellogg St	159.270285	
431	8 Kellogg St	159.312363	
432	8 Kellogg St	163.832846	
433	10 Kellogg St	170.822311	
434	8 Kellogg St	161.210099	
435	8 Kellogg St	165.266736	
436	8 Kellogg St	223.565635	
437	8 Kellogg St	215.725938	
438	8 Kellogg St	150.173916	
439	8 Kellogg St	148.920337	
440	8 Kellogg St	163.965692	
441	8 Kellogg St	164.902324	
442	8 Kellogg St	213.440456	
443	8 Kellogg St	217.109601	
444	8 Kellogg St	212.193648	
445	8 Kellogg St	213.524546	
447	8 Kellogg St	160.962729	
450	18 Kellogg St	140.308114	
451	10 Kellogg St	157.541649	
453	18 Kellogg St	151.698575	
455	12 Kellogg St	143.945812	
456	12 Kellogg St	146.641959	3,804.34
356	8 Lamora Ave	148.301599	
373	8 Lamora Ave	182.900954	
399	8 Lamora Ave	184.90071	
448	8 Lamora Ave	187.010549	
471	8 Lamora Ave	189.958954	
497	8 Lamora Ave	207.101261	
527	8 Lamora Ave	190.772298	
578	8 Lamora Ave	191.350954	
629	8 Lamora Ave	196.372296	
678	8 Lamora Ave	148.911682	1,827.58
501	8 Laura Ln	136.200315	
502	8 Laura Ln	152.536942	
503	8 Laura Ln	198.371157	
507	8 Laura Ln	216.215797	
511	8 Laura Ln	189.203544	

512	8 Laura Ln	262.871228	1,155.40
217	10 Linwood Ave	101.266372	
9214	10 Linwood Ave	104.302709	
9215	10 Linwood Ave	120.619108	
9216	10 Linwood Ave	80.909458	407.10
490	8 Ludwig Ave	197.482748	
491	8 Ludwig Ave	201.677596	
492	8 Ludwig Ave	203.540292	
494	8 Ludwig Ave	198.507833	
495	8 Ludwig Ave	196.684532	
496	8 Ludwig Ave	234.366576	1,232.26
244	15 Mason Ave N	75.687669	
248	15 Mason Ave N	73.426106	
249	15 Mason Ave N	165.192328	
251	15 Mason Ave N	100.808934	
253	15 Mason Ave N	79.879806	
255	15 Mason Ave N	78.319926	
259	15 Mason Ave N	120.300394	
268	15 Mason Ave N	125.188558	
358	8 Mason Ave N	167.03582	
374	8 Mason Ave N	150.408223	
401	8 Mason Ave N	187.744942	
454	8 Mason Ave N	181.83876	
463	18 Mason Ave N	148.024828	
485	18 Mason Ave N	143.011158	
510	18 Mason Ave N	174.99667	
541	18 Mason Ave N	205.034992	
590	18 Mason Ave N	172.331565	
656	18 Mason Ave N	192.831683	
677	18 Mason Ave N	69.411473	
699	18 Mason Ave N	136.761609	
711	24 Mason Ave N	77.749873	
10188	8 Mason Ave N	161.338156	
301	8 Mason Ave N	189.625802	3,176.95
739	24 Mason Ave S	156.008856	156.01
700	12 Michigan Ave W	124.454719	
704	12 Michigan Ave W	127.225421	
712	12 Michigan Ave W	148.806861	
748	10 Michigan Ave W	166.932778	
9217	10 Michigan Ave W	98.796035	
9242	8 Michigan Ave W	161.861267	
635	12 Michigan Ave W	122.084556	
673	12 Michigan Ave W	124.634932	
679	12 Michigan Ave W	119.324446	
693	12 Michigan Ave W	124.531887	
710	10 Michigan Ave W	139.607858	
720	10 Michigan Ave W	137.629241	
763	10 Michigan Ave W	145.904032	
9244	10 Michigan Ave W	146.45141	1,888.25

303	8 Miller Ave	182.711974	
330	8 Miller Ave	187.651879	
594	12 Miller Ave	163.775601	
645	12 Miller Ave	156.681584	
705	15 Miller Ave	217.752121	
746	15 Miller Ave	223.203928	1,131.78
260	8 Morgan Ave	191.088515	
261	8 Morgan Ave	161.631653	
262	8 Morgan Ave	193.321768	
263	8 Morgan Ave	191.2427	
264	8 Morgan Ave	163.677576	
265	8 Morgan Ave	159.101841	
267	8 Morgan Ave	74.010903	
269	8 Morgan Ave	162.91819	
271	8 Morgan Ave	126.099118	
272	8 Morgan Ave	125.499077	
273	8 Morgan Ave	162.618296	
274	8 Morgan Ave	163.744606	
275	8 Morgan Ave	99.059147	
276	8 Morgan Ave	161.425066	
277	8 Morgan Ave	159.795624	
278	8 Morgan Ave	240.110092	
279	8 Morgan Ave	209.639436	2,744.98
297	8 Morgan Rd E	325.086425	
299	8 Morgan Rd E	336.481778	
298	8 Morgan Rd E	347.305418	
300	8 Morgan Rd E	340.179955	1,349.05
225	8 Mosher Ave	204.04981	
226	8 Mosher Ave	190.552468	
227	8 Mosher Ave	201.839288	
228	8 Mosher Ave	158.686137	
229	8 Mosher Ave	162.159225	
230	8 Mosher Ave	161.150577	
231	8 Mosher Ave	162.719791	
232	8 Mosher Ave	163.152389	
233	8 Mosher Ave	161.726776	
234	8 Mosher Ave	162.161694	
235	8 Mosher Ave	161.885672	
237	12 Mosher Ave	142.162888	
238	12 Mosher Ave	141.296927	2,173.54
218	8 Presidential Dr	213.134244	
219	12 Presidential Dr	129.148416	
220	12 Presidential Dr	128.938876	
222	12 Presidential Dr	129.24266	
239	12 Presidential Dr	128.96875	
241	10 Presidential Dr	100.210454	
245	12 Presidential Dr	143.721306	
254	12 Presidential Dr	127.218075	1,100.58
216	8 Senate St	194.309148	

221	8 Senate St	119.466964	
240	8 Senate St	118.071174	431.85
548	12 Shellenberger Ave	229.514608	
550	12 Shellenberger Ave	228.105491	
551	8 Shellenberger Ave	146.023805	
554	8 Shellenberger Ave	175.642972	
555	8 Shellenberger Ave	178.862138	
558	12 Shellenberger Ave	222.516339	
559	8 Shellenberger Ave	117.352892	
560	8 Shellenberger Ave	137.86315	
562	8 Shellenberger Ave	154.535997	
566	8 Shellenberger Ave	170.102851	
567	8 Shellenberger Ave	130.470708	
571	8 Shellenberger Ave	171.778648	
572	8 Shellenberger Ave	173.551588	
573	8 Shellenberger Ave	193.607117	
574	8 Shellenberger Ave	166.37037	2,596.30
250	12 Sigel Ave	154.646931	
258	12 Sigel Ave	153.954904	
270	10 Sigel Ave	154.040815	
294	12 Sigel Ave	161.124075	
307	12 Sigel Ave	159.253835	
335	12 Sigel Ave	160.216484	
361	8 Sigel Ave	165.680363	
388	8 Sigel Ave	167.67294	
404	8 Sigel Ave	138.054375	
472	8 Sigel Ave	193.408954	
493	8 Sigel Ave	202.428895	
526	8 Sigel Ave	134.04756	
563	8 Sigel Ave	129.292675	
595	8 Sigel Ave	164.051159	
659	8 Sigel Ave	159.07625	2,396.95
210	8 Simmons Ave	191.116955	
211	8 Simmons Ave	204.705563	
212	8 Simmons Ave	200.85234	596.67
636	8 Spaulding Ave E	299.948658	
638	8 Spaulding Ave E	146.112527	
639	8 Spaulding Ave E	155.823229	
640	8 Spaulding Ave E	143.733455	745.62
641	8 Spaulding Ave W	228.544864	
642	8 Spaulding Ave W	227.731045	
644	8 Spaulding Ave W	223.573871	
646	10 Spaulding Ave W	215.644685	
648	8 Spaulding Ave W	216.467917	
649	10 Spaulding Ave W	218.17294	
650	10 Spaulding Ave W	217.764982	
653	8 Spaulding Ave W	214.453548	
654	8 Spaulding Ave W	213.891553	
655	8 Spaulding Ave W	147.310541	

657	8 Spaulding Ave W	161.432397	
658	8 Spaulding Ave W	160.519025	
660	8 Spaulding Ave W	165.411139	
661	8 Spaulding Ave W	133.364722	
662	8 Spaulding Ave W	144.690906	
663	8 Spaulding Ave W	127.964263	
665	8 Spaulding Ave W	145.476484	
666	8 Spaulding Ave W	143.605553	
667	8 Spaulding Ave W	158.541979	
668	8 Spaulding Ave W	135.813467	3,600.38
309	8 Taylor Ave	202.32602	
310	8 Taylor Ave	205.775486	
315	8 Taylor Ave	167.306036	
324	8 Taylor Ave	146.020145	
325	8 Taylor Ave	77.306471	
326	8 Taylor Ave	161.96642	
327	8 Taylor Ave	141.535926	
328	8 Taylor Ave	149.169702	
329	8 Taylor Ave	148.380574	
331	8 Taylor Ave	162.66436	
332	8 Taylor Ave	161.446054	
334	8 Taylor Ave	164.403969	
336	15 Taylor Ave	168.865658	
337	8 Taylor Ave	164.112369	
338	8 Taylor Ave	161.762971	
339	15 Taylor Ave	145.025944	
341	8 Taylor Ave	153.498307	
342	15 Taylor Ave	162.87524	
344	15 Taylor Ave	167.887917	
345	8 Taylor Ave	159.331783	
346	8 Taylor Ave	162.897649	
347	15 Taylor Ave	160.068059	
349	15 Taylor Ave	144.284217	
350	8 Taylor Ave	162.416631	
351	8 Taylor Ave	161.930747	
352	8 Taylor Ave	163.569755	
353	8 Taylor Ave	159.812757	4,286.64
296	8 Woodlawn Ave N	164.560617	
305	8 Woodlawn Ave N	157.336327	
348	8 Woodlawn Ave N	159.681812	
363	8 Woodlawn Ave N	179.307007	
390	8 Woodlawn Ave N	183.978636	
452	8 Woodlawn Ave N	200.57697	
465	8 Woodlawn Ave N	161.856817	
486	8 Woodlawn Ave N	157.078261	
518	8 Woodlawn Ave N	200.873706	
568	8 Woodlawn Ave N	155.156239	
597	8 Woodlawn Ave N	163.880616	
651	8 Woodlawn Ave N	151.94048	

692	8 Woodlawn Ave N	142.510255	
713	8 Woodlawn Ave N	127.755178	
9245	8 Woodlawn Ave N	170.593362	2,477.09

Total Length: **57,858.01**

Average Length of Run: **167.70**

<u>FEATURE ID</u>	<u>SIZE</u>	<u>Street</u>	<u>Shape len</u>	<u>Total Street Length</u>
936	8		72.249383	
938	18		132.200436	
940	18		137.332649	
951	48		389.835958	
955	54		676.120664	
959	48		183.249044	
961	48		200.286324	
992	48		381.295875	
994	54		811.437015	
1010	48		391.491	
1034	48		308.687584	
1052	54		605.939758	
1056	48		318.374391	
1079	48		312.995295	
1087	10		163.217727	
1090	10		167.126761	
1099	10		164.430832	
1102	10		165.795466	
1105	54		630.72983	
1114	54		104.147305	
1115	54		198.770216	
1128	48		394.269207	
1134	10		184.484383	
1137	54		261.952607	
1153	48		389.46786	
1160	10		167.701869	
1161	10		124.290676	
1167	10		113.223381	
1178	48		347.384635	
1182	48		414.079259	
1194	48		323.841052	
1287	8		176.858769	
1292	24		227.931263	
1342	8		174.207833	
1350	54		315.024891	
1351	24		219.147462	
1373	8		173.531725	
1404	54		438.273711	
1409	8		177.183145	
1414	18		220.109511	
1439	8		269.820563	
1454	18		202.12753	
1455	18		245.732193	
1457	18		205.792703	
1459	18		216.063867	

1462	18	278.477429	
1479	18	175.84517	
1543	54	695.406978	
1564	18	199.16433	
1619	18	203.413236	
1843	54	424.347611	
1858	54	353.944116	
2068	54	495.075323	
2185	54	428.38382	
2216	24	9.655255	
9163	54	576.605174	16,338.53
<hr/>			
1751	24 20Th St N	204.28954	
1780	24 20Th St N	202.50656	
1842	24 20Th St N	209.235872	
1915	24 20Th St N	205.379413	
1947	24 20Th St N	123.43782	944.85
<hr/>			
912	8 Allene Ave	41.690833	
985	8 Allene Ave	202.521263	
1046	8 Allene Ave	189.820289	
1094	8 Allene Ave	198.381532	
1131	8 Allene Ave	192.209631	
1184	8 Allene Ave	206.403536	
1227	8 Allene Ave	188.355031	1,219.38
<hr/>			
755	8 Allison Dr	213.041879	
756	8 Allison Dr	193.166805	
758	8 Allison Dr	196.350689	
759	8 Allison Dr	190.469121	
760	8 Allison Dr	211.226045	
761	8 Allison Dr	212.842969	1,217.10
<hr/>			
862	8 Althea Ave	227.39593	
910	8 Althea Ave	202.152535	
983	8 Althea Ave	197.644819	
1043	8 Althea Ave	187.874062	
1089	8 Althea Ave	188.049	
1129	8 Althea Ave	184.0545	
1179	8 Althea Ave	185.83604	
1224	8 Althea Ave	194.985003	
1280	8 Althea Ave	186.460212	1,754.45
<hr/>			
1051	8 Avery Ave	218.761182	
1100	8 Avery Ave	217.905136	
1142	8 Avery Ave	215.491345	
1192	8 Avery Ave	201.673426	
1237	8 Avery Ave	200.390063	1,054.22
<hr/>			
1013	8 Babcock Ave	145.358254	
1014	8 Babcock Ave	107.503834	
1015	8 Babcock Ave	134.240763	
1016	8 Babcock Ave	144.128406	

1018	8 Babcock Ave	142.923096	
1020	8 Babcock Ave	146.651891	820.81
849	8 Barney Blvd	210.911459	
909	8 Barney Blvd	210.004081	
976	8 Barney Blvd	206.360296	
1054	8 Barney Blvd	153.417338	
1088	8 Barney Blvd	142.102995	
1101	10 Barney Blvd	49.441257	
1140	8 Barney Blvd	199.719678	
1188	8 Barney Blvd	199.821238	
1234	8 Barney Blvd	203.152618	
1293	8 Barney Blvd	181.124767	
1379	8 Barney Blvd	272.278902	2,028.33
757	8 Bedford Rd N	136.920687	
807	8 Bedford Rd N	179.671777	
810	8 Bedford Rd N	32.293248	
837	8 Bedford Rd N	147.172487	
846	8 Bedford Rd N	172.125694	
887	8 Bedford Rd N	177.87242	
893	8 Bedford Rd N	175.687537	
935	8 Bedford Rd N	172.443511	
946	8 Bedford Rd N	173.841755	
958	8 Bedford Rd N	174.654053	
988	8 Bedford Rd N	107.885932	
1026	8 Bedford Rd N	84.509799	
1055	8 Bedford Rd N	180.491251	
1064	8 Bedford Rd N	188.290434	
1116	8 Bedford Rd N	169.334651	
1117	8 Bedford Rd N	264.034553	2,537.23
1203	8 Bedford Rd S	202.599426	
1263	8 Bedford Rd S	197.342773	
1318	8 Bedford Rd S	189.763638	
1366	8 Bedford Rd S	195.93472	
1402	8 Bedford Rd S	194.170526	
1446	8 Bedford Rd S	187.57962	1,167.39
1456	8 Bond Ave	202.25553	202.26
1281	8 Brizse Ave	109.602063	
1282	8 Brizse Ave	109.20444	
1295	8 Brizse Ave	201.11132	
1347	8 Brizse Ave	171.648081	
1375	8 Brizse Ave	158.099138	
1393	8 Brizse Ave	155.63829	905.30
768	8 Broadway Blvd	155.988372	
788	8 Broadway Blvd	129.624207	285.61
825	8 Cedar Ave S	140.033658	
853	8 Cedar Ave S	145.612794	
925	8 Cedar Ave S	224.85487	

1017	8 Cedar Ave S	221.434086	
9243	8 Cedar Ave S	137.49837	869.43
834	8 Dunning Ave	149.042452	
871	8 Dunning Ave	154.416111	
915	8 Dunning Ave	160.788146	
1048	8 Dunning Ave	193.502736	
1093	10 Dunning Ave	190.664016	
1130	10 Dunning Ave	185.390931	
1168	10 Dunning Ave	137.648968	
1183	12 Dunning Ave	53.95752	
1226	12 Dunning Ave	197.234231	
1285	12 Dunning Ave	193.560569	
10066	8 Dunning Ave	162.159932	1,778.37
808	8 Eldredge St	78.668184	
835	8 Eldredge St	137.035754	
872	8 Eldredge St	153.45629	
917	8 Eldredge St	160.70717	
973	8 Eldredge St	161.412584	
1059	8 Eldredge St	148.124631	
1098	8 Eldredge St	151.126621	
1133	8 Eldredge St	156.675983	
1169	8 Eldredge St	137.661875	
1196	8 Eldredge St	143.895773	
1275	8 Eldredge St	229.735167	
1325	8 Eldredge St	237.848398	1,896.35
1146	8 Emerald Ave	190.786308	
1193	8 Emerald Ave	188.118539	
1239	8 Emerald Ave	195.137328	
1305	8 Emerald Ave	189.251256	
1353	8 Emerald Ave	192.98496	
1378	8 Emerald Ave	127.532883	1,083.81
1008	18 Everett Ave	45.502902	
1062	15 Everett Ave	238.637654	
1111	18 Everett Ave	206.842464	
1151	18 Everett Ave	207.110068	
1209	18 Everett Ave	195.130372	
1269	18 Everett Ave	203.111104	1,096.33
753	8 Geiger Ave	177.072084	
806	8 Geiger Ave	185.069123	
934	8 Geiger Ave	149.664271	
1022	8 Geiger Ave	78.219044	590.02
1394	8 Hillcrest Ct	135.828116	
1431	8 Hillcrest Ct	138.179686	274.01
1045	8 Hinman Ave N	192.820504	
1077	8 Hinman Ave N	171.931721	
1119	8 Hinman Ave N	177.128964	
1159	8 Hinman Ave N	173.91861	

1206	8 Hinman Ave N	175.124725	890.92
1262	18 Hinman Ave S	185.276691	
1314	18 Hinman Ave S	181.72615	
1364	18 Hinman Ave S	193.394637	560.40
850	8 Iden St	130.87878	
852	8 Iden St	146.834613	
854	8 Iden St	144.712643	
855	8 Iden St	215.01403	
857	8 Iden St	145.396886	
858	24 Iden St	12.940399	795.78
1229	48 Jackson St W	214.87559	
1401	48 Jackson St W	787.721036	
1465	48 Jackson St W	356.106464	
1541	48 Jackson St W	383.138325	
1591	48 Jackson St W	419.4145	
1634	54 Jackson St W	673.714172	
1635	48 Jackson St W	388.588165	
1650	48 Jackson St W	211.928781	
1668	54 Jackson St W	235.68238	
1689	48 Jackson St W	395.103782	
1690	18 Jackson St W	384.831288	
1698	54 Jackson St W	190.957839	
1731	48 Jackson St W	281.733218	
1732	18 Jackson St W	54.828276	
1733	54 Jackson St W	151.392554	
1734	24 Jackson St W	116.781868	
1736	54 Jackson St W	38.08944	
1737	8 Jackson St W	57.888979	
1757	24 Jackson St W	163.572894	
1758	54 Jackson St W	209.867095	
1771	8 Jackson St W	205.261311	
1772	24 Jackson St W	253.359889	
1777	24 Jackson St W	214.021832	
1808	24 Jackson St W	272.711939	
1811	42 Jackson St W	395.628404	
1815	24 Jackson St W	252.774045	
1825	24 Jackson St W	243.744328	
1836	42 Jackson St W	397.621192	
1839	24 Jackson St W	255.565208	
1855	24 Jackson St W	245.830662	
1857	42 Jackson St W	401.166735	
1872	24 Jackson St W	253.392266	
1885	42 Jackson St W	401.364436	
1887	24 Jackson St W	246.419977	
1913	24 Jackson St W	252.710386	
1916	42 Jackson St W	401.490337	
1923	24 Jackson St W	254.342766	

1937	42 Jackson St W	400.995405	
1938	24 Jackson St W	251.27815	
1948	24 Jackson St W	179.80299	
1957	42 Jackson St W	393.268611	
1982	42 Jackson St W	271.165064	
2034	42 Jackson St W	209.425946	
9162	54 Jackson St W	785.368031	13,154.93
1430	8 Kimber Ave	188.881102	
1467	8 Kimber Ave	190.828988	
1493	8 Kimber Ave	99.242885	478.95
847	18 Lacey Ave	162.941094	
890	18 Lacey Ave	162.935511	
939	18 Lacey Ave	163.575921	
987	8 Lacey Ave	128.607855	
1037	8 Lacey Ave	133.330521	751.39
1346	8 Linden St	200.342542	200.34
770	24 Mason Ave S	157.290031	
824	24 Mason Ave S	160.401887	
851	24 Mason Ave S	153.989374	
896	24 Mason Ave S	161.510624	
947	24 Mason Ave S	164.832164	
1021	24 Mason Ave S	164.927357	
1063	24 Mason Ave S	216.095727	
1112	24 Mason Ave S	199.280916	1,378.33
765	10 Michigan Ave W	151.537366	
767	10 Michigan Ave W	131.327304	
780	10 Michigan Ave W	149.068135	
782	10 Michigan Ave W	205.614534	
789	10 Michigan Ave W	142.999094	
821	10 Michigan Ave W	230.609767	
826	8 Michigan Ave W	84.916021	
832	8 Michigan Ave W	229.318986	
836	8 Michigan Ave W	197.327232	
860	8 Michigan Ave W	173.79635	
864	8 Michigan Ave W	232.716613	
868	8 Michigan Ave W	178.076628	
869	8 Michigan Ave W	152.518173	
889	8 Michigan Ave W	151.929264	
892	8 Michigan Ave W	195.293958	
902	8 Michigan Ave W	145.602393	
916	8 Michigan Ave W	189.291534	
929	8 Michigan Ave W	167.380058	
944	8 Michigan Ave W	189.83685	
954	8 Michigan Ave W	186.202132	
960	8 Michigan Ave W	189.109701	
986	8 Michigan Ave W	173.984075	
1023	18 Michigan Ave W	195.482764	

1028	18 Michigan Ave W	227.996456	
1029	18 Michigan Ave W	91.324424	
1031	8 Michigan Ave W	183.455193	
1039	8 Michigan Ave W	149.791942	
1044	8 Michigan Ave W	181.986016	
1053	8 Michigan Ave W	145.847534	
1057	8 Michigan Ave W	184.098186	
1065	8 Michigan Ave W	198.69868	
1068	8 Michigan Ave W	150.171518	
1097	8 Michigan Ave W	166.284758	
1109	8 Michigan Ave W	160.526335	
1122	8 Michigan Ave W	203.904945	
1139	8 Michigan Ave W	196.771042	
1148	8 Michigan Ave W	140.140797	
1180	8 Michigan Ave W	159.820759	
1186	8 Michigan Ave W	180.812041	
1207	8 Michigan Ave W	182.828358	
1225	15 Michigan Ave W	185.118962	
1233	15 Michigan Ave W	174.332617	
1259	8 Michigan Ave W	48.056267	
1260	8 Michigan Ave W	63.37873	
1266	15 Michigan Ave W	173.419919	
1278	8 Michigan Ave W	157.291569	
1286	15 Michigan Ave W	178.82584	
1288	8 Michigan Ave W	143.934761	
1289	10 Michigan Ave W	58.760575	
1306	8 Michigan Ave W	45.714448	
1311	10 Michigan Ave W	129.20375	
1320	8 Michigan Ave W	132.428905	
1326	10 Michigan Ave W	125.388133	
1343	8 Michigan Ave W	100.437245	
1349	8 Michigan Ave W	138.515694	
1362	8 Michigan Ave W	201.422635	
1363	8 Michigan Ave W	133.480939	
1380	8 Michigan Ave W	147.447596	
1381	8 Michigan Ave W	169.631471	
1403	8 Michigan Ave W	184.602284	
1408	8 Michigan Ave W	211.652222	
1432	8 Michigan Ave W	138.025712	
1435	8 Michigan Ave W	161.761844	
1458	8 Michigan Ave W	203.709303	
1468	8 Michigan Ave W	219.184078	
1494	8 Michigan Ave W	200.098189	
1559	8 Michigan Ave W	267.394388	
10201	8 Michigan Ave W	100.171741	11,141.79
815	15 Miller Ave	236.871067	
848	8 Miller Ave	184.700885	

904	8 Miller Ave	204.623825	
966	8 Miller Ave	208.204066	
1073	8 Miller Ave	239.30395	1,073.70
838	8 Myrtle Ave	190.245266	
839	8 Myrtle Ave	166.36187	
841	8 Myrtle Ave	215.93814	
842	8 Myrtle Ave	194.456742	
843	8 Myrtle Ave	168.834419	
913	8 Myrtle Ave	185.20076	
974	8 Myrtle Ave	190.819309	1,311.86
805	8 Oakley St	146.035418	
809	8 Oakley St	136.347433	
811	8 Oakley St	154.35557	
812	8 Oakley St	170.065799	
813	8 Oakley St	170.670333	
814	8 Oakley St	187.08422	
816	18 Oakley St	156.551004	
817	18 Oakley St	150.513851	
818	8 Oakley St	63.759919	1,335.38
1228	8 Old Bond Ave	171.739059	171.74
1212	8 Parkridge Dr	80.034859	
1236	8 Parkridge Dr	124.87861	
1279	8 Parkridge Dr	100.680447	
1294	8 Parkridge Dr	121.963964	427.56
1571	8 Ridgemoor Ave	176.36755	176.37
859	8 Stringham Rd	168.798785	
924	8 Stringham Rd	179.354503	
1019	8 Stringham Rd	200.371932	
1069	8 Stringham Rd	238.688758	
1106	8 Stringham Rd	231.760841	
1136	8 Stringham Rd	244.12533	1,263.10
870	8 Troy St	153.276296	
873	8 Troy St	152.277736	
874	8 Troy St	150.522382	456.08
1230	24 Urbandale Blvd	161.10244	
1238	24 Urbandale Blvd	151.382454	
1257	24 Urbandale Blvd	160.305345	
1268	8 Urbandale Blvd	177.251266	
1270	24 Urbandale Blvd	166.263167	
1274	8 Urbandale Blvd	176.359723	
1283	8 Urbandale Blvd	183.271022	
1299	8 Urbandale Blvd	176.517445	
1441	18 Urbandale Blvd	201.696925	
1447	18 Urbandale Blvd	196.409454	1,750.56
967	8 Willard Ave E	193.90533	
968	8 Willard Ave E	190.145048	
970	8 Willard Ave E	189.021161	

972	8 Willard Ave E	164.589504	
975	8 Willard Ave E	113.37045	
977	8 Willard Ave E	166.19011	
978	8 Willard Ave E	200.047115	
979	8 Willard Ave E	88.979102	
980	8 Willard Ave E	266.017265	
981	8 Willard Ave E	199.018854	
982	8 Willard Ave E	160.352348	
984	8 Willard Ave E	226.107272	
1047	8 Willard Ave E	258.855835	2,416.60
<hr/>			
965	8 Willard Ave W	211.957209	
969	8 Willard Ave W	199.685835	
971	8 Willard Ave W	180.742935	592.39
<hr/>			
827	8 Woodlawn Ave S	186.549387	
856	8 Woodlawn Ave S	123.413705	
923	8 Woodlawn Ave S	223.714934	
1012	8 Woodlawn Ave S	224.496255	758.17
<hr/>			

Average Length of Run: **261.34**
Total Length: **72,932.20**