City of Tuscaloosa
2019 ROW Spraying Needs

\\FNP05-CH00\WasteWater\Jason\2019 SPRAY NEEDS

Project Summary:
-It is the intent of this project to provide for herbicide services for utility ROW and various CIty properties, so as to control all vegetation growth except for Bermuda grass for a period of not less than seventy (70) days.

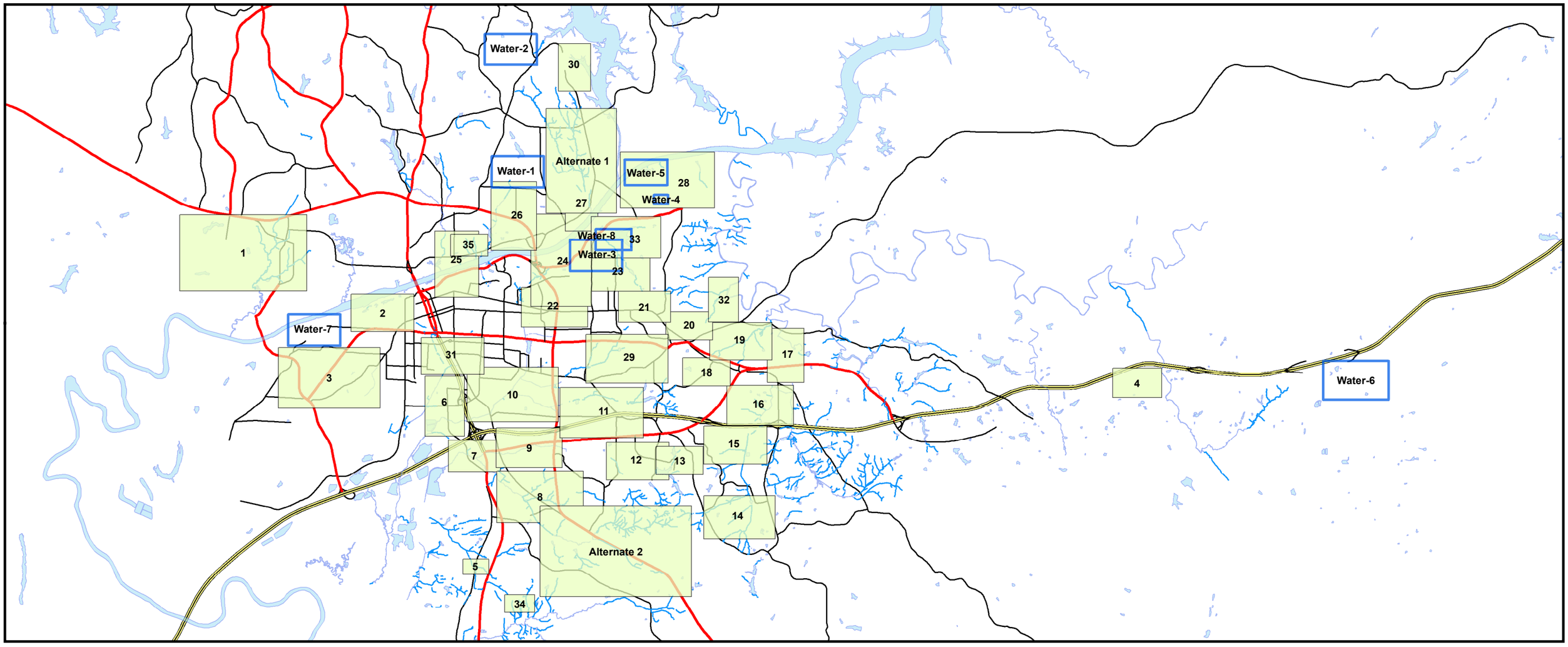
-The OWNER may or may not choose to include the work listed as additive alternates in the bid award.

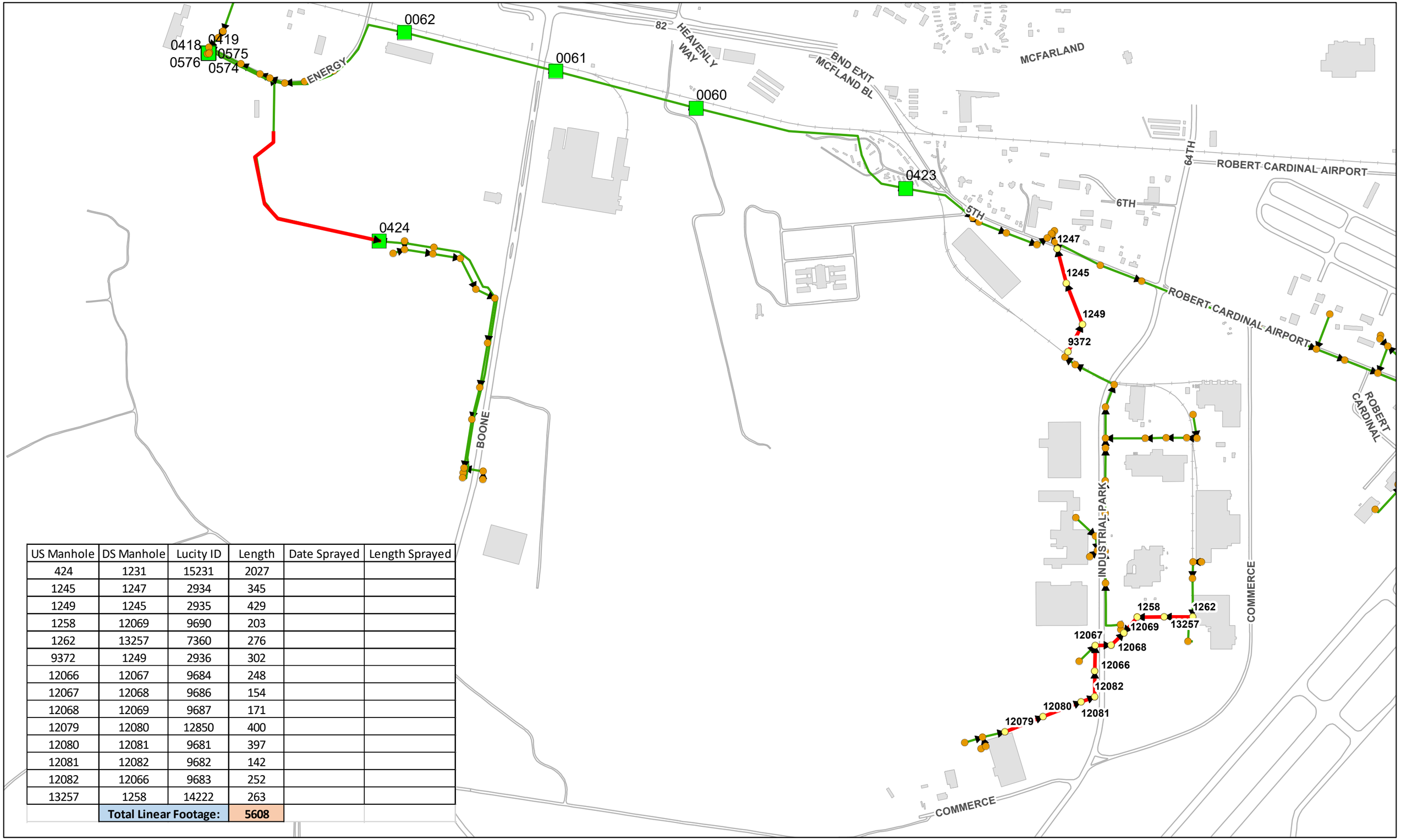
-The decision to award additive alternatives will be determined on the whether bid is less than the project's approved budget.
General Notes:

1. Contractor shall coordinate with local police and fire to maintain access for local residents and emergency vehicles at all times. All traffic control should meet MUTCD guidelines.
2. Contractor shall follow City of Tuscaloosa Job Hazard Analysis procedures.
3. The location of all existing underground utilities and other structures are shown in approximate manner only.
4. All items needed to complete the job not specified in the specifications or bid schedule shall be considered incidental to the job and there will be no additional compensation for this work.
5. Contractor shall note the minority inclusion policy in the contract. The contractor is required to follow the instructions therein and submit various forms as described in the policy.

Overall Linear Footage per section of project:

Base - 276,795 feet
Alternative Additive 1 - 15,071 feet
Alternative Additive 2 - 19,307 feet
Total - 311,173 feet or 58.9 Miles

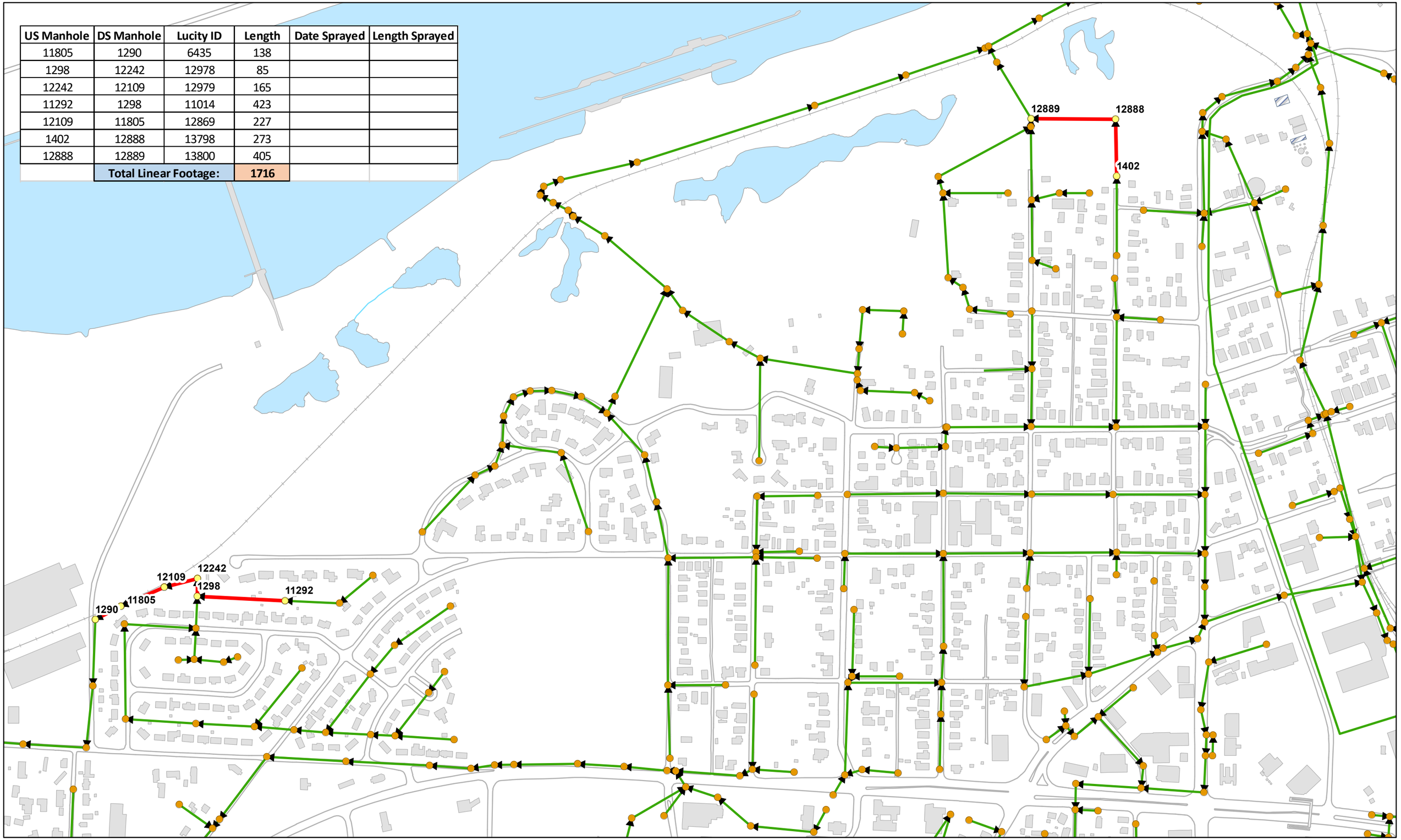




US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
424	1231	15231	2027		
1245	1247	2934	345		
1249	1245	2935	429		
1258	12069	9690	203		
1262	13257	7360	276		
9372	1249	2936	302		
12066	12067	9684	248		
12067	12068	9686	154		
12068	12069	9687	171		
12079	12080	12850	400		
12080	12081	9681	397		
12081	12082	9682	142		
12082	12066	9683	252		
13257	1258	14222	263		
	Total Linear Footage:		**5608**		

2019 ROW SPRAY NEEDS

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
11805	1290	6435	138		
1298	12242	12978	85		
12242	12109	12979	165		
11292	1298	11014	423		
12109	11805	12869	227		
1402	12888	13798	273		
12888	12889	13800	405		
	Total Linear Footage:		**1716**		



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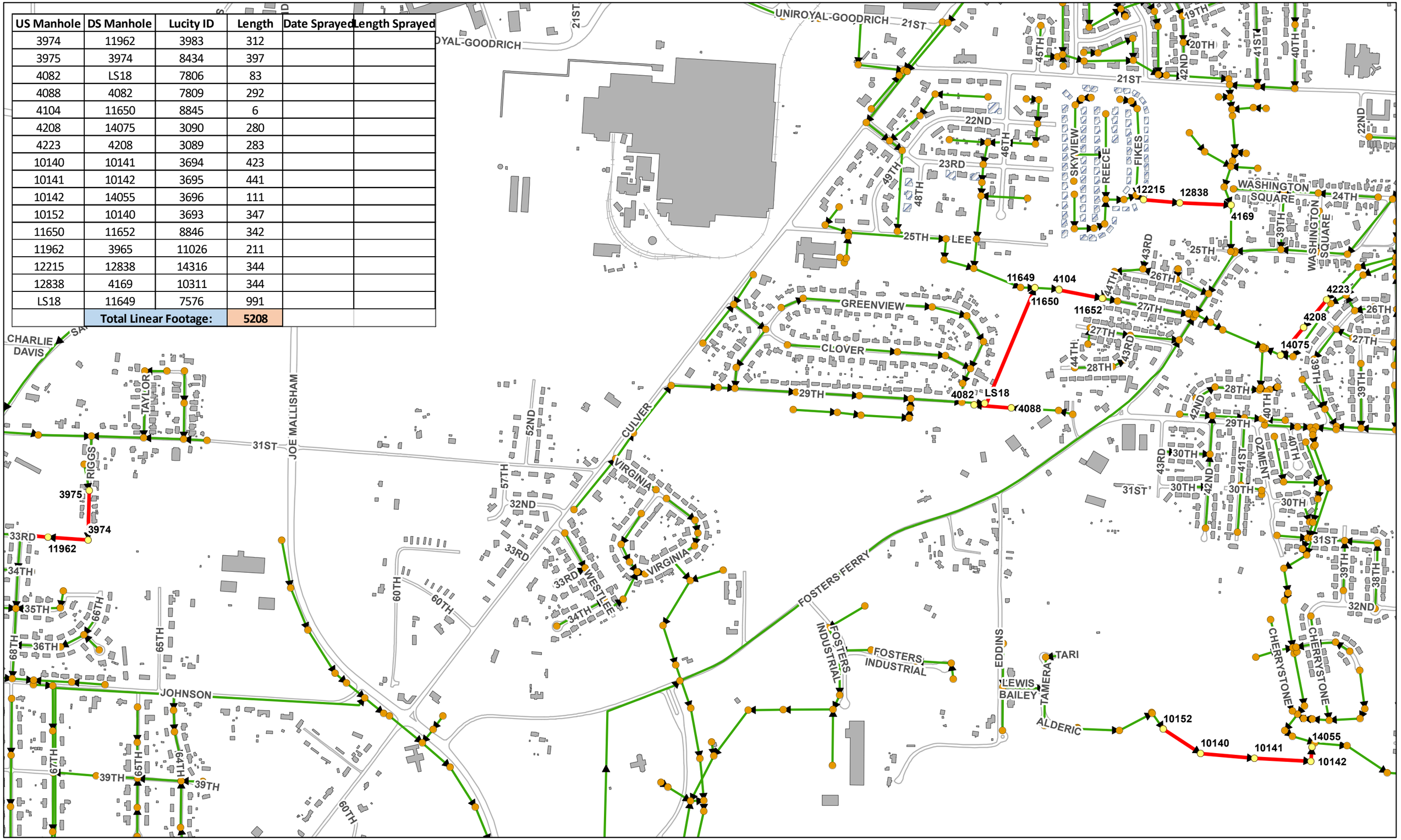
Legend
- Lines to Spray
- Sewer Pipe

2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3974	11962	3983	312		
3975	3974	8434	397		
4082	LS18	7806	83		
4088	4082	7809	292		
4104	11650	8845	6		
4208	14075	3090	280		
4223	4208	3089	283		
10140	10141	3694	423		
10141	10142	3695	441		
10142	14055	3696	111		
10152	10140	3693	347		
11650	11652	8846	342		
11962	3965	11026	211		
12215	12838	14316	344		
12838	4169	10311	344		
LS18	11649	7576	991		
	Total Linear Footage:		5208		



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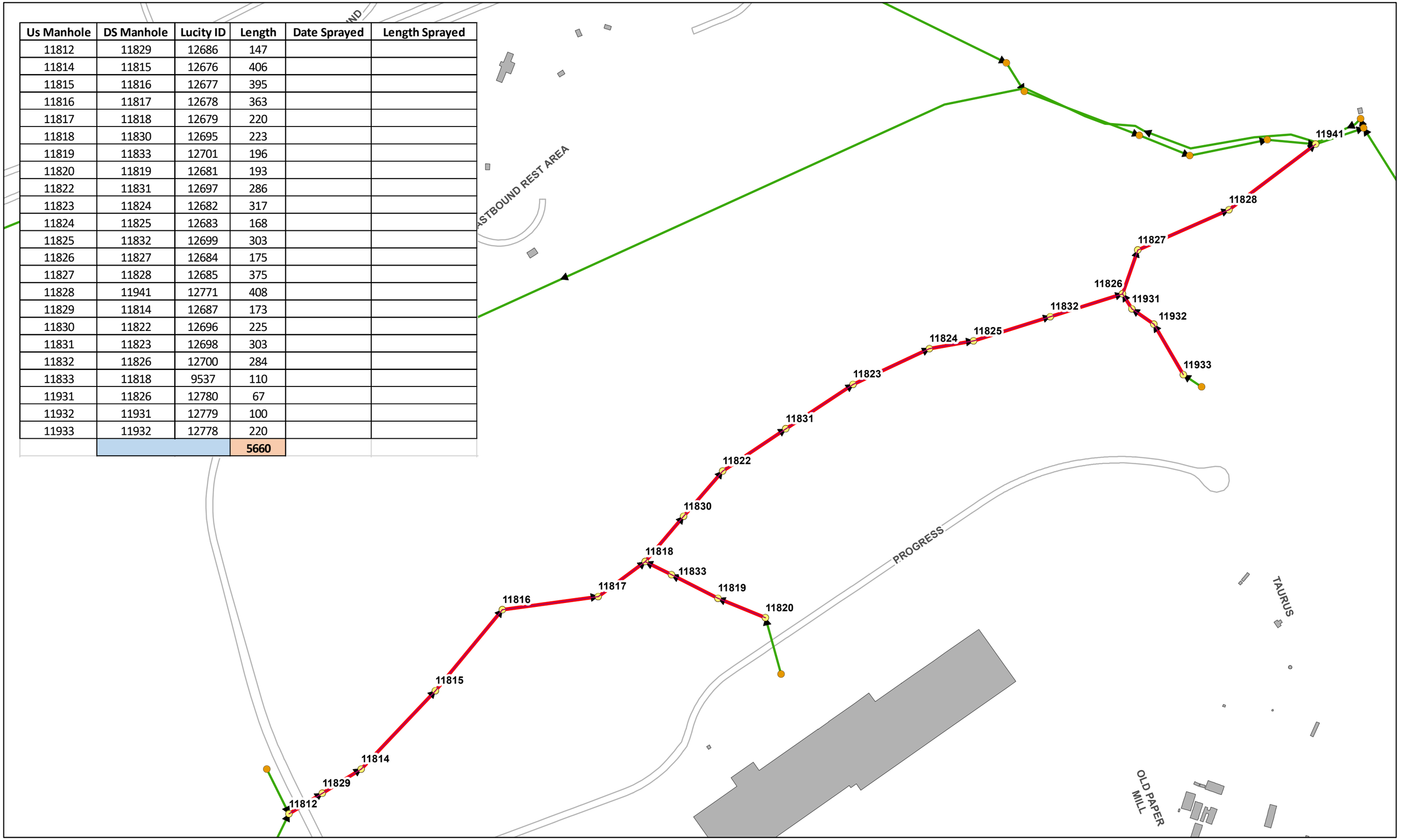
Legend
- Lines to Spray
- Sewer Pipe

2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet

Us Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
11812	11829	12686	147		
11814	11815	12676	406		
11815	11816	12677	395		
11816	11817	12678	363		
11817	11818	12679	220		
11818	11830	12695	223		
11819	11833	12701	196		
11820	11819	12681	193		
11822	11831	12697	286		
11823	11824	12682	317		
11824	11825	12683	168		
11825	11832	12699	303		
11826	11827	12684	175		
11827	11828	12685	375		
11828	11941	12771	408		
11829	11814	12687	173		
11830	11822	12696	225		
11831	11823	12698	303		
11832	11826	12700	284		
11833	11818	9537	110		
11931	11826	12780	67		
11932	11931	12779	100		
11933	11932	12778	220		
			5660		



Legend
- Lines to Spray
- Sewer Pipe

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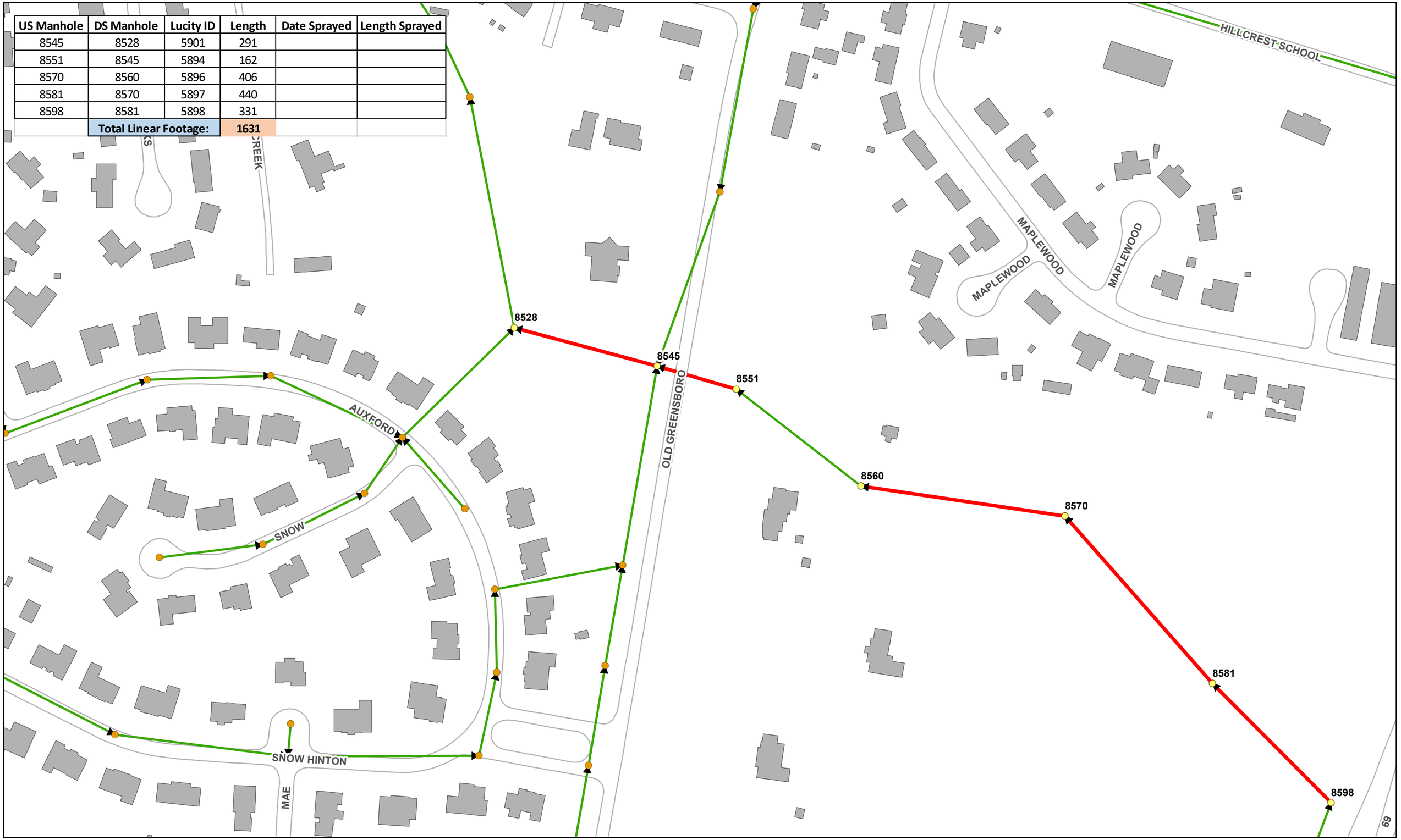
2019 ROW SPRAY NEEDS

0 150 300 600 900 1,200 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
8545	8528	5901	291		
8551	8545	5894	162		
8570	8560	5896	406		
8581	8570	5897	440		
8598	8581	5898	331		
	Total Linear Footage:		**1631**		



Legend
- Lines to Spray
- Sewer Pipe

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2019 ROW SPRAY NEEDS

0 100 200 400 600 800 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
4714	4732	1722	439		
4732	4757	1723	513		
4743	4731	6534	152		
4750	4743	10133	290		
4757	4762	7784	159		
4764	4750	10132	568		
4776	4773	6536	485		
4828	9046	7953	496		
4844	4810	4002	357		
4857	4844	7073	258		
4871	4857	4005	130		
4874	4871	7074	288		
4885	4874	4006	103		
4928	4920	5106	162		
7108	9046	7870	316		
7110	7108	7869	505		
9205	4871	5172	24		
11303	4857	11017	463		
11311	11312	10231	74		
11312	11314	10239	200		
11314	4885	10241	480		
	Total Linear Footage:		6460		

2019 ROW SPRAY NEEDS

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
7069	7093	1603	425		
7189	9235	8009	131		
7241	7227	7854	491		
7256	7241	7853	484		
7257	7256	7852	136		
9235	7186	9836	21		
7186	9237	8008	442		
9237	7162	9837	236		
7174	7155	7862	351		
	Total Linear Footage:		**2717**		

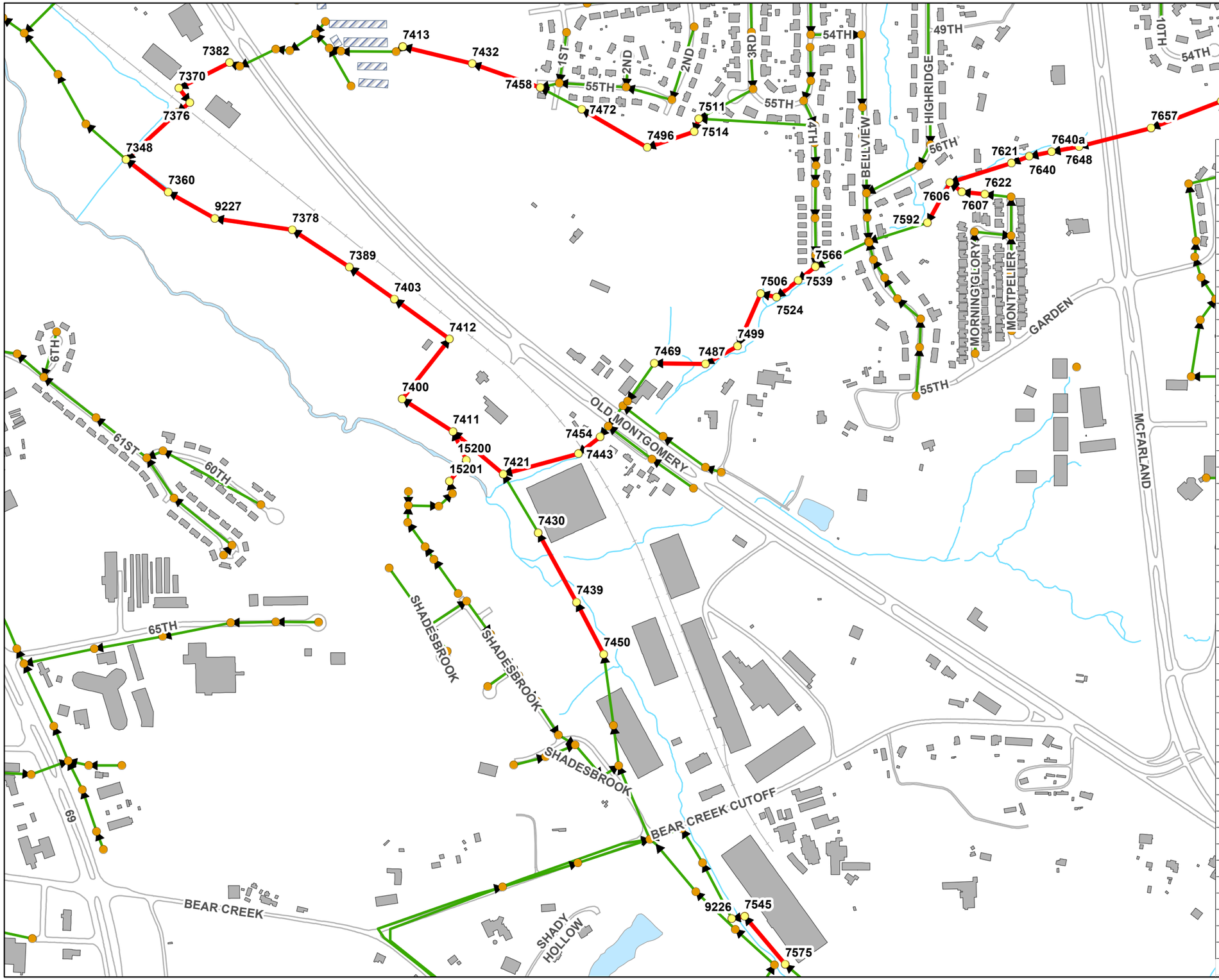
OSCAR BAXTER
20/59
359
COURTNEY
OLD GREENSB
SKYLAND
OLD MONTGOMERY
KAULOOSA
WHIGHAM
METRO PARK
WHIGHAM
LINKS
MONTROSE
69
WACO
7155
7162
9237
7174
7189
7186
9235
7227
7241
7256
7257
7335

Legend
- Lines to Spray
- Sewer Pipe

N

2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
7360	7348	7966	304		
7369	7348	7977	396		
7370	7376	7979	102		
7376	7369	7978	91		
7378	9227	7965	447		
7382	7370	7980	321		
7389	7378	7964	387		
7400	7412	7961	435		
7403	7389	7963	315		
7411	7400	7960	344		
7412	7403	7962	387		
7421	7411	7959	374		
7430	7421	7958	390		
7432	7413	7986	406		
7439	7430	7957	451		
7442	7450	8589	408		
7443	7421	7871	444		
7443	7421	7871	444		
7450	7439	7956	335		
7454	7443	7872	157		
7454	7443	7872	157		
7458	7432	7987	409		
7487	7469	7333	291		
7496	7472	12658	432		
7499	7487	7334	208		
7506	7499	7335	326		
7511	7514	7991	78		
7514	7496	7990	282		
7524	7506	7336	92		
7539	7524	7337	156		
7545	9226	5182	75		
7566	7539	7338	125		
7575	7545	7653	358		
7606	7592	7341	260		
7607	7606	8497	87		
7621	7606	7342	369		
7622	7607	8496	131		
7640	7621	7343	107		
7648	7640a	7972	159		
7657	7648	7973	422		
7676	11799	12657	170		
7685	7676	8500	292		
7690	7685	8501	321		
9227	7360	9593	304		
11799	7657	12658	428		
15200	7411	15925	179		
15201	15200	15932	153		
7640a	7640	10612	131		
7690a	7685	10648	292		
	Total Linear Footage:		**13729**		

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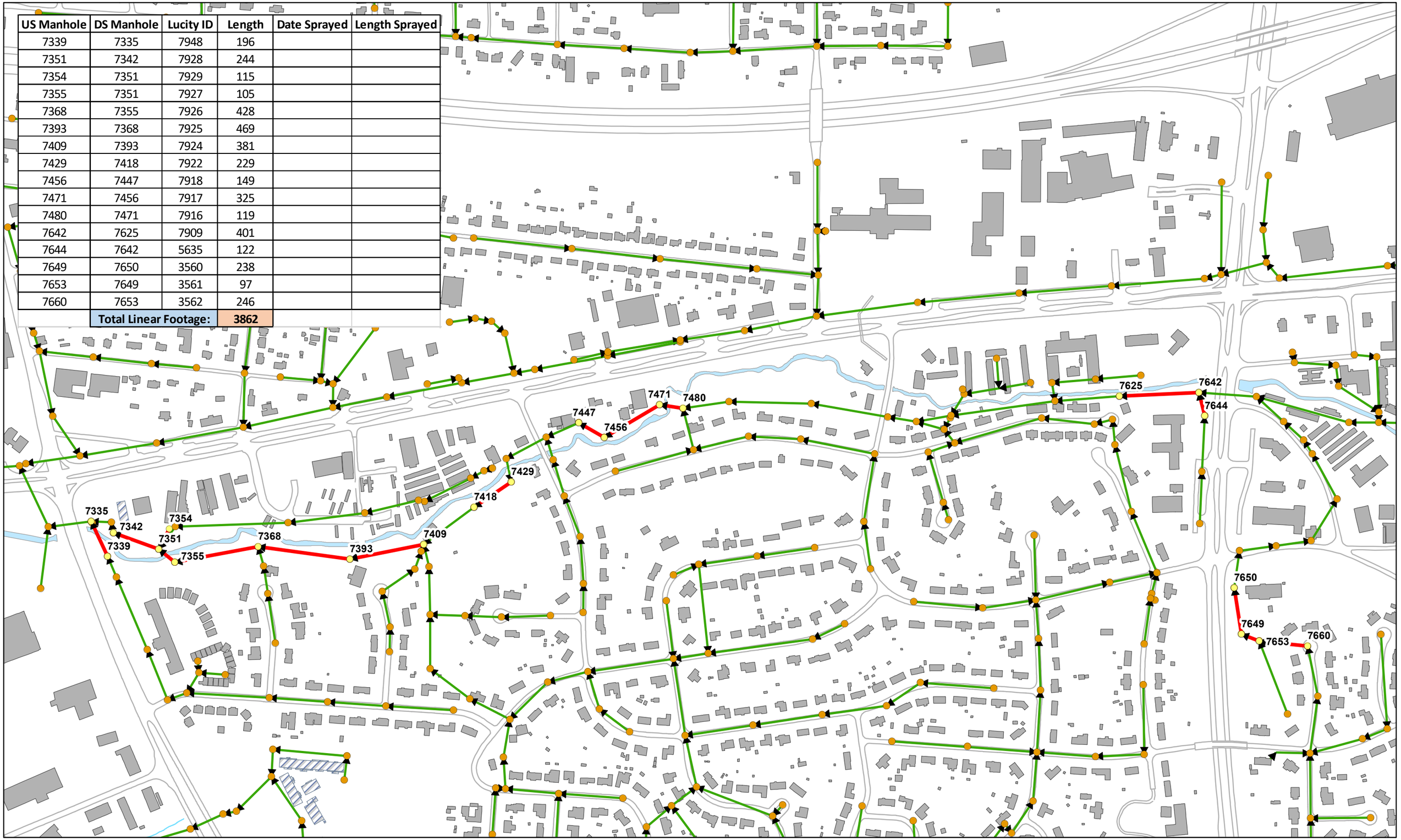
Legend
- Lines to Spray
- Sewer Pipe

2019 ROW SPRAY NEEDS

0 300 600 1,200 1,800 2,400 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
7339	7335	7948	196		
7351	7342	7928	244		
7354	7351	7929	115		
7355	7351	7927	105		
7368	7355	7926	428		
7393	7368	7925	469		
7409	7393	7924	381		
7429	7418	7922	229		
7456	7447	7918	149		
7471	7456	7917	325		
7480	7471	7916	119		
7642	7625	7909	401		
7644	7642	5635	122		
7649	7650	3560	238		
7653	7649	3561	97		
7660	7653	3562	246		
	Total Linear Footage:		**3862**		



Legend
- Manhole
- Lines to Spray

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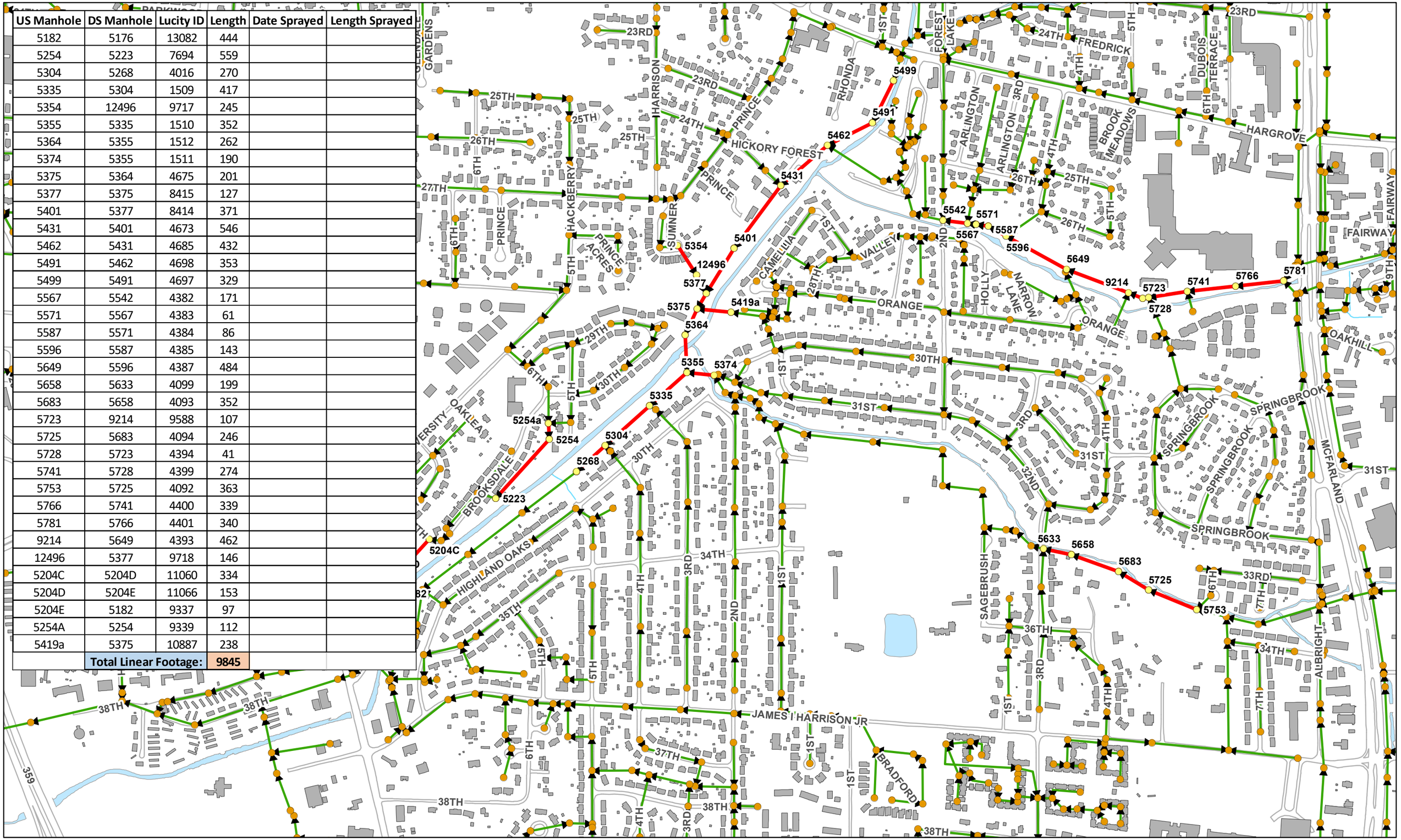
2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
5182	5176	13082	444		
5254	5223	7694	559		
5304	5268	4016	270		
5335	5304	1509	417		
5354	12496	9717	245		
5355	5335	1510	352		
5364	5355	1512	262		
5374	5355	1511	190		
5375	5364	4675	201		
5377	5375	8415	127		
5401	5377	8414	371		
5431	5401	4673	546		
5462	5431	4685	432		
5491	5462	4698	353		
5499	5491	4697	329		
5567	5542	4382	171		
5571	5567	4383	61		
5587	5571	4384	86		
5596	5587	4385	143		
5649	5596	4387	484		
5658	5633	4099	199		
5683	5658	4093	352		
5723	9214	9588	107		
5725	5683	4094	246		
5728	5723	4394	41		
5741	5728	4399	274		
5753	5725	4092	363		
5766	5741	4400	339		
5781	5766	4401	340		
9214	5649	4393	462		
12496	5377	9718	146		
5204C	5204D	11060	334		
5204D	5204E	11066	153		
5204E	5182	9337	97		
5254A	5254	9339	112		
5419a	5375	10887	238		
	Total Linear Footage:		9845		



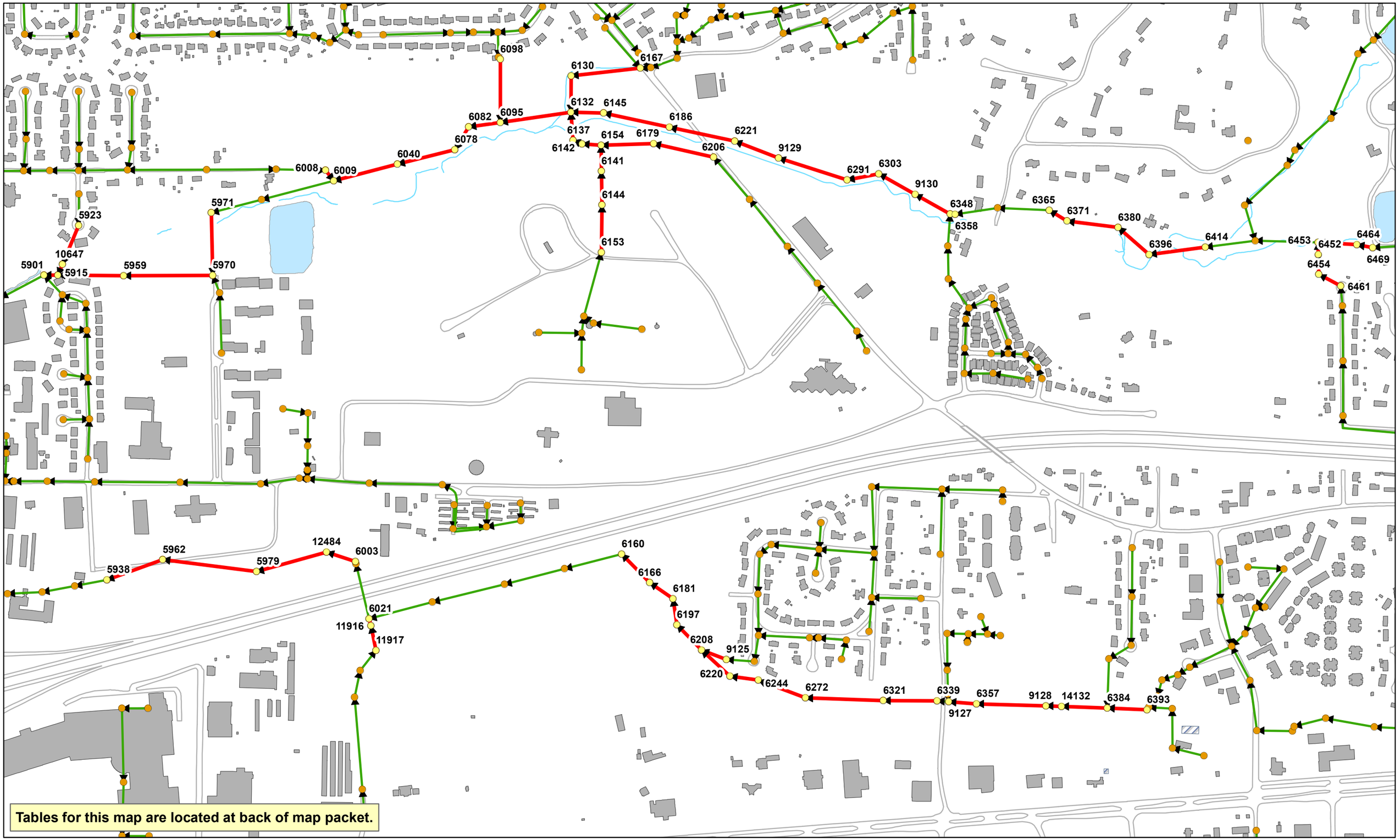
Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 300 600 1,200 1,800 2,400 Feet

US Manholes	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
5915	5901	4426	89		
5923	10647	475	270		
5959	5915	4428	421		
5962	5938	4990	381		
5970	5959	4429	572		
5971	5970	4430	402		
5979	5962	4989	605		
6003	12484	3651	193		
6008	6009	4433	86		
6011	6003	4988	14		
6040	6009	7635	421		
6078	6040	4434	380		
6082	6078	4435	170		
6095	6082	4436	205		
6098	6095	4437	406		
6130	6132	4439	232		
6132	6095	4438	456		
6137	6132	5007	180		
6141	6142	5008	189		
6142	6137	7616	62		
6144	6141	5009	241		
6145	6132	5023	210		
6153	6144	5010	304		
6154	6142	5015	123		
6166	6160	4983	257		
6167	6130	5037	446		
6179	6154	5016	336		
6181	6166	4982	181		
6186	6145	5024	430		
6197	6181	4981	168		
6206	6179	5017	395		
6208	6197	4980	227		
6220	6208	3512	248		
6221	6186	5025	427		
6244	6220	3513	182		
6272	6244	3520	324		
6291	9129	5026	461		
6303	6291	5027	208		
6321	6272	3514	497		
6339	6321	3515	346		
6348	9130	5028	258		
6357	9127	3516	179		
6358	6348	5029	178		
6371	6365	5032	134		
6380	6371	5035	329		
6384	14132	3517	293		
6393	6384	3518	253		
6396	6380	5036	266		
6414	6396	5033	361		
6452	6453	4790	79		
6454	6452	4791	127		
6461	6454	4792	159		
6464	6453	4793	249		
6469	6464	4794	103		
9125	6208	4966	169		
9128	6357	9302	445		
9129	6221	9300	301		
9130	6303	9299	267		
10647	5915	476	76		
11916	6021	12761	46		
11917	11916	12759	161		
12484	5979	13180	466		
14132	9128	14538	100		
	Total Linear Footage:		**16742**		



Tables for this map are located at back of map packet.

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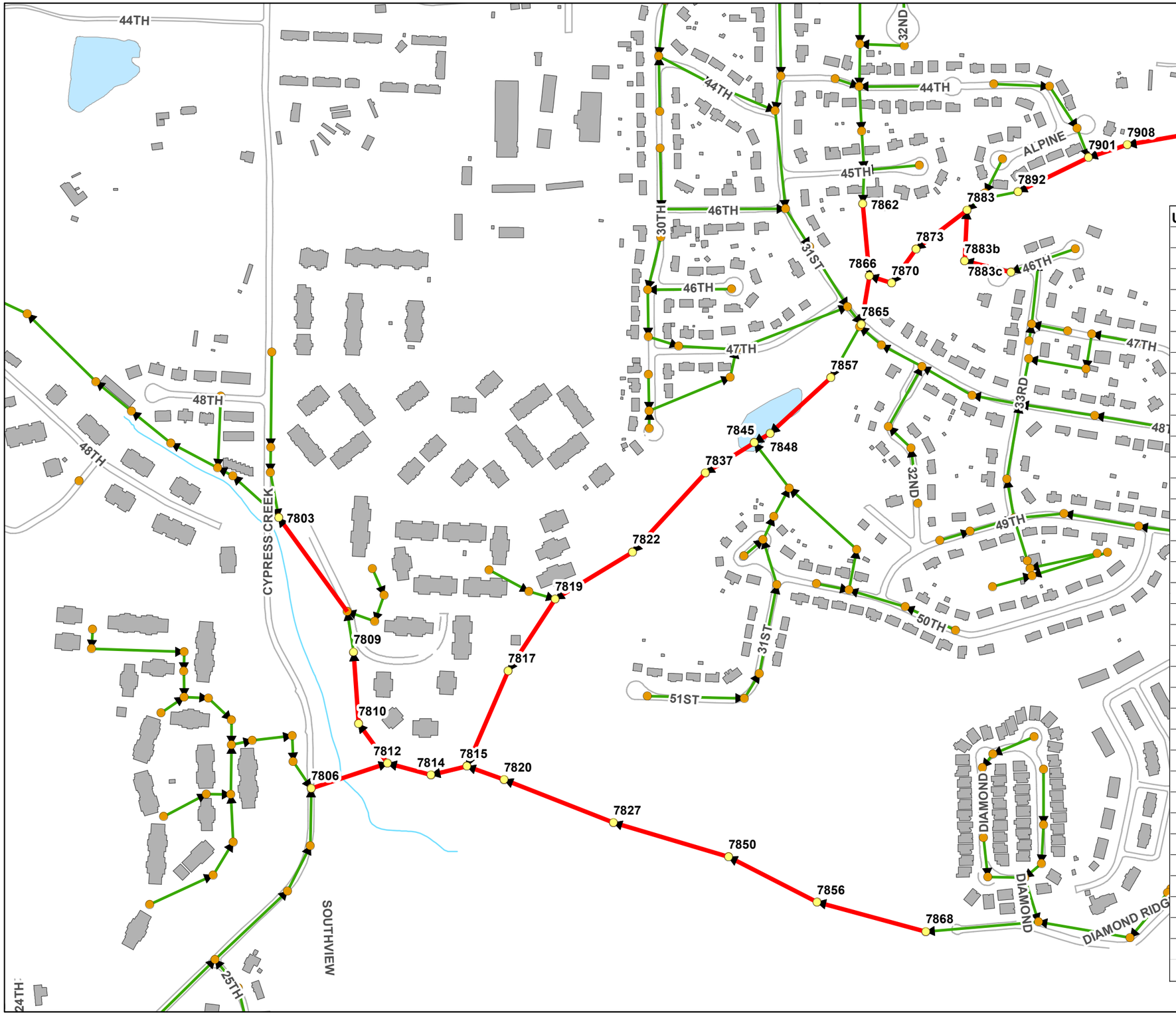
Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 300 600 1,200 1,800 2,400 Feet



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
6534	7908a	6479	403		
7806	7812	6456	320		
7808	7803	7886	462		
7810	7809	7888	285		
7812	7810	7889	195		
7814	7812	7890	180		
7815	7814	7891	147		
7817	7815	7892	413		
7819	7817	7893	341		
7820	7815	6457	157		
7822	7819	7894	361		
7827	7820	6460	467		
7837	7822	7895	427		
7845	7837	7896	229		
7848	7845	7897	73		
7850	7827	6461	477		
7856	7850	6465	396		
7857	7848	7898	327		
7862	7866	3760	116		
7865	7857	8634	245		
7866	7865	8504	194		
7868	7856	6466	449		
7870	7866	3759	92		
7873	7870	3758	166		
7883	7873	6472	255		
7901	7892	6474	311		
7908	7901	6480	162		
7914	6534	6478	133		
7916	7917	6476	103		
7917	7914	6477	186		
12013	6534	12822	66		
7883b	7883	10893	203		
7883c	7883b	11124	189		
7908a	7908	10627	349		
	Total Linear Footage:		**8876**		

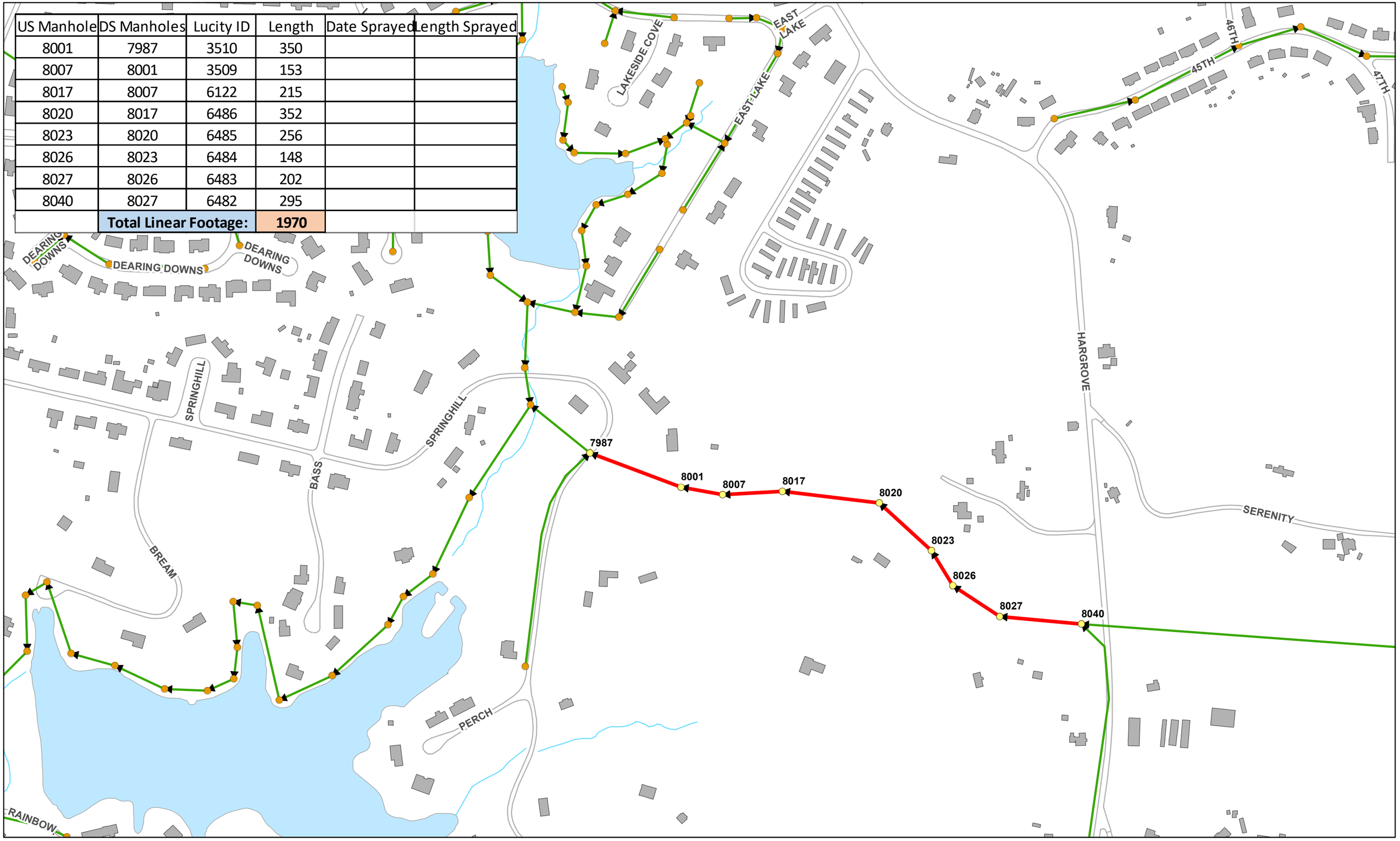
Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet

US Manhole	DS Manholes	Lucity ID	Length	Date Sprayed	Length Sprayed
8001	7987	3510	350		
8007	8001	3509	153		
8017	8007	6122	215		
8020	8017	6486	352		
8023	8020	6485	256		
8026	8023	6484	148		
8027	8026	6483	202		
8040	8027	6482	295		
	Total Linear Footage:		**1970**		



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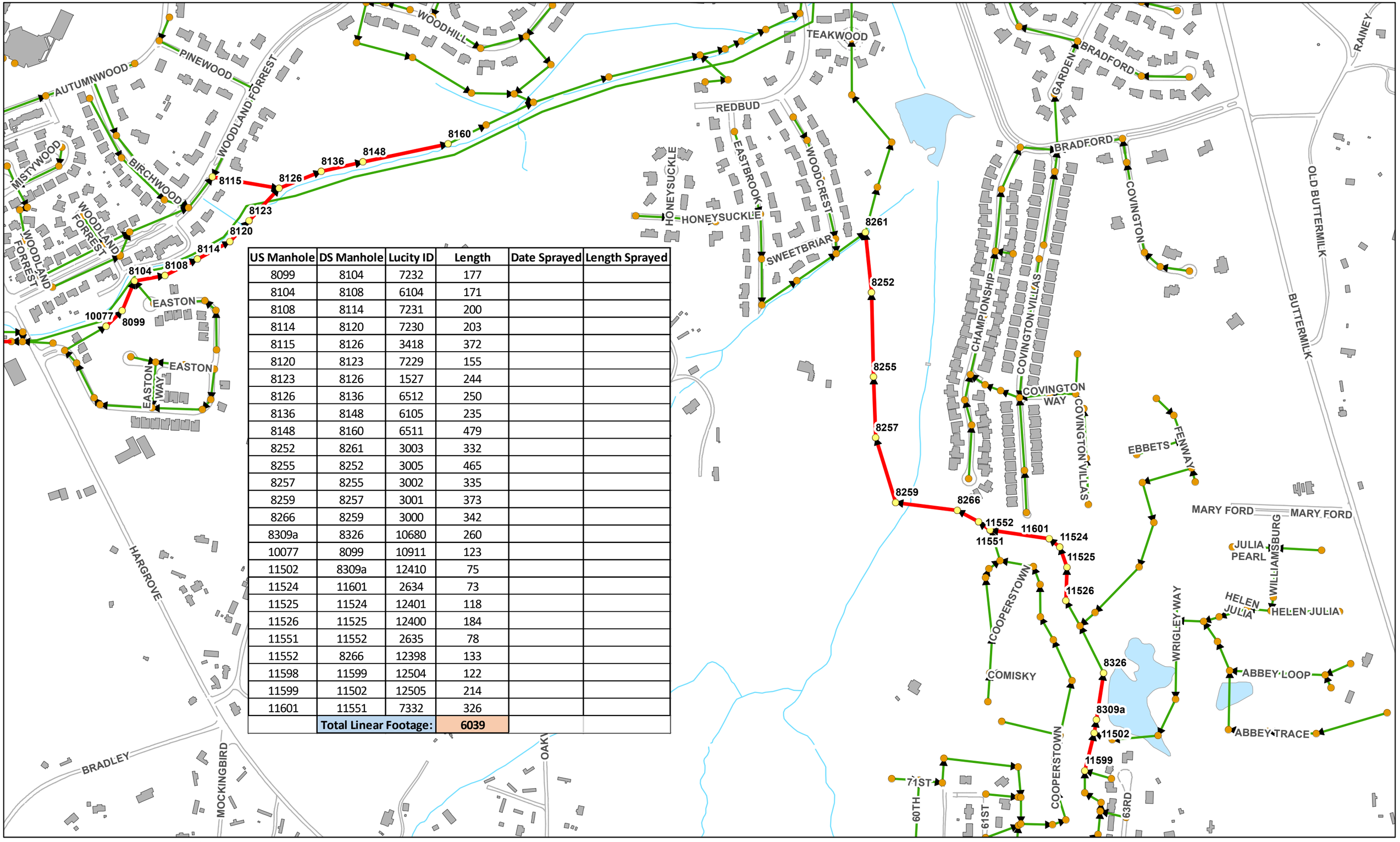
Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 150 300 600 900 1,200 Feet



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
8099	8104	7232	177		
8104	8108	6104	171		
8108	8114	7231	200		
8114	8120	7230	203		
8115	8126	3418	372		
8120	8123	7229	155		
8123	8126	1527	244		
8126	8136	6512	250		
8136	8148	6105	235		
8148	8160	6511	479		
8252	8261	3003	332		
8255	8252	3005	465		
8257	8255	3002	335		
8259	8257	3001	373		
8266	8259	3000	342		
8309a	8326	10680	260		
10077	8099	10911	123		
11502	8309a	12410	75		
11524	11601	2634	73		
11525	11524	12401	118		
11526	11525	12400	184		
11551	11552	2635	78		
11552	8266	12398	133		
11598	11599	12504	122		
11599	11502	12505	214		
11601	11551	7332	326		
	Total Linear Footage:		6039		

Legend
- Manholes
- Lines to Spray

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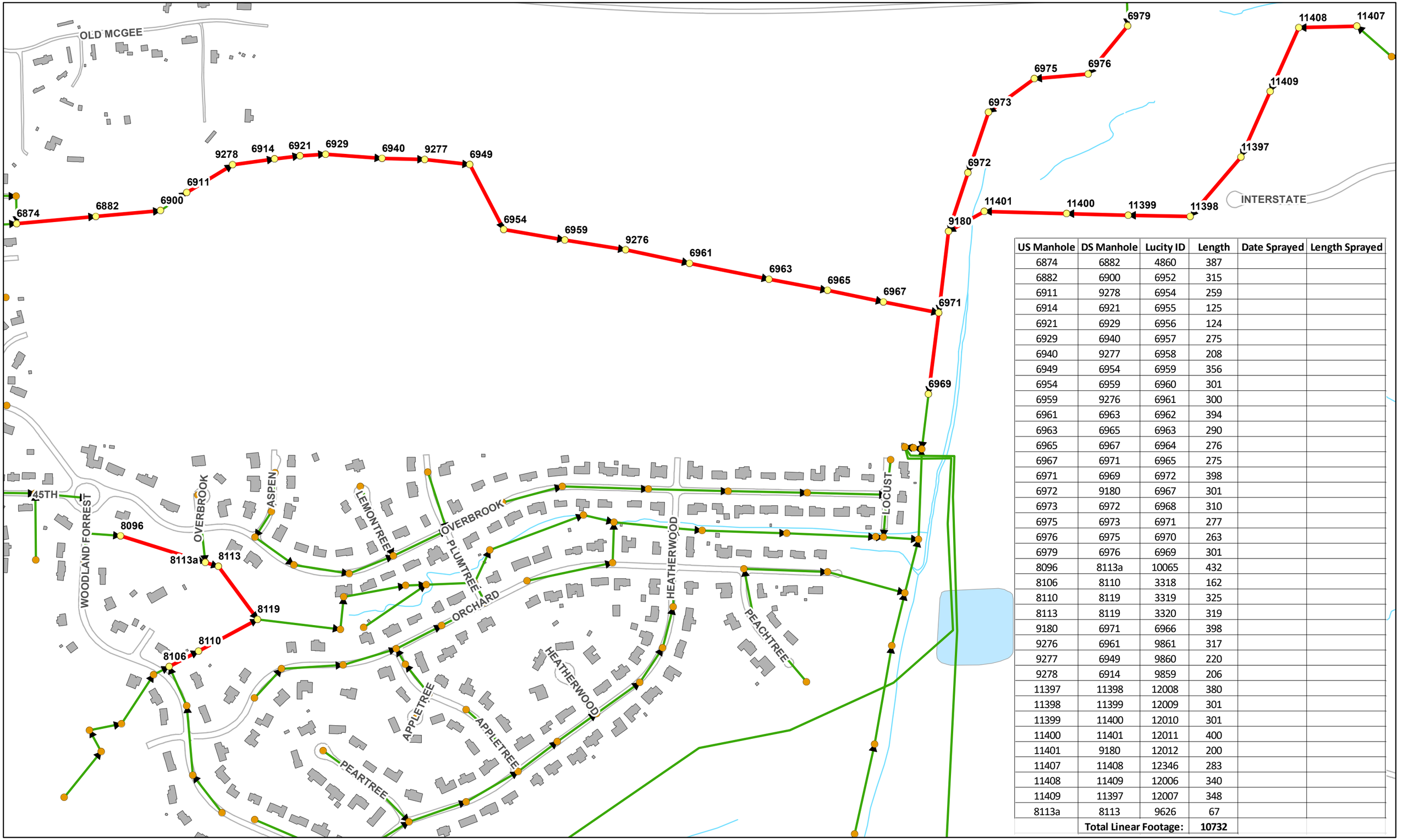
2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
6874	6882	4860	387		
6882	6900	6952	315		
6911	9278	6954	259		
6914	6921	6955	125		
6921	6929	6956	124		
6929	6940	6957	275		
6940	9277	6958	208		
6949	6954	6959	356		
6954	6959	6960	301		
6959	9276	6961	300		
6961	6963	6962	394		
6963	6965	6963	290		
6965	6967	6964	276		
6967	6971	6965	275		
6971	6969	6972	398		
6972	9180	6967	301		
6973	6972	6968	310		
6975	6973	6971	277		
6976	6975	6970	263		
6979	6976	6969	301		
8096	8113a	10065	432		
8106	8110	3318	162		
8110	8119	3319	325		
8113	8119	3320	319		
9180	6971	6966	398		
9276	6961	9861	317		
9277	6949	9860	220		
9278	6914	9859	206		
11397	11398	12008	380		
11398	11399	12009	301		
11399	11400	12010	301		
11400	11401	12011	400		
11401	9180	12012	200		
11407	11408	12346	283		
11408	11409	12006	340		
11409	11397	12007	348		
8113a	8113	9626	67		
	Total Linear Footage:		**10732**		

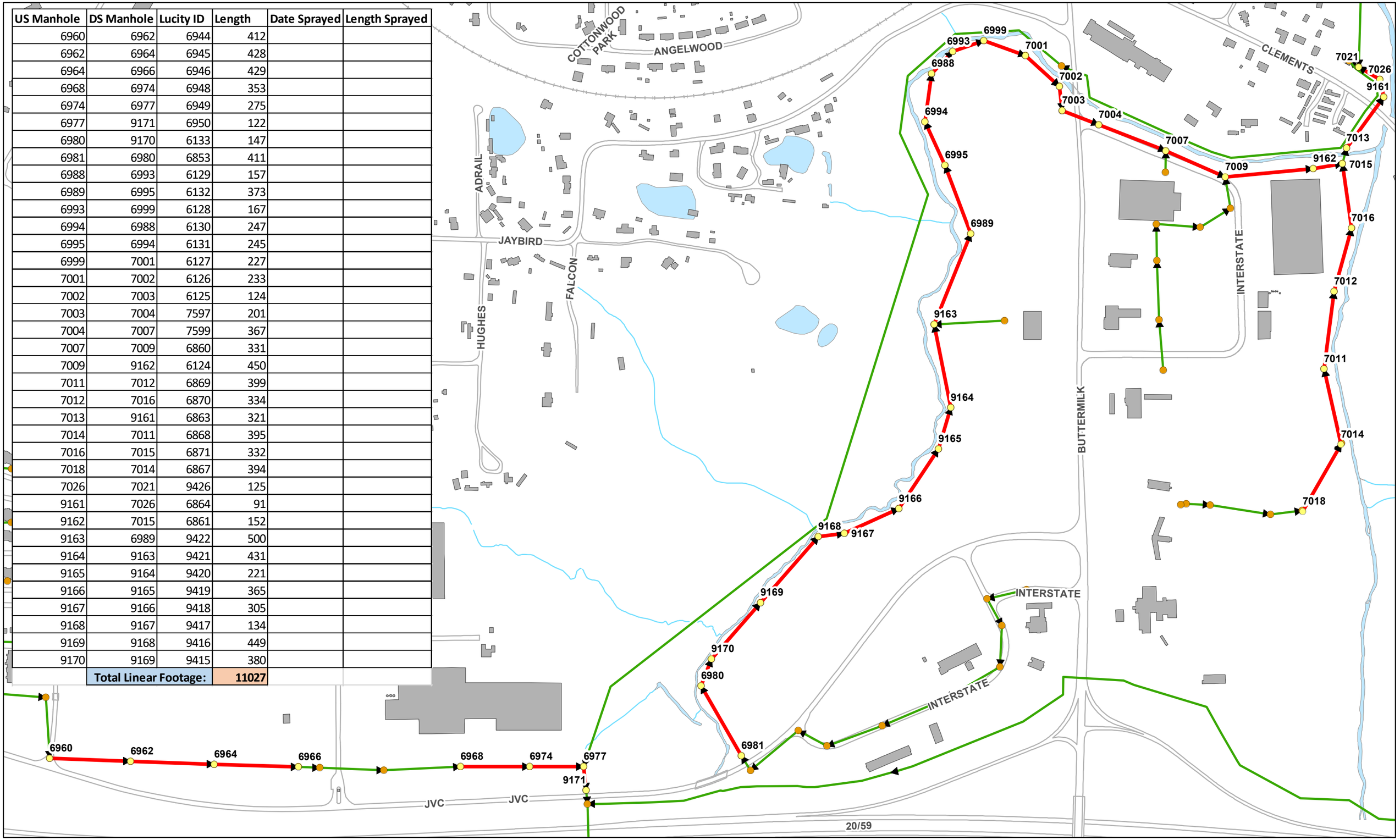
N

Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
6960	6962	6944	412		
6962	6964	6945	428		
6964	6966	6946	429		
6968	6974	6948	353		
6974	6977	6949	275		
6977	9171	6950	122		
6980	9170	6133	147		
6981	6980	6853	411		
6988	6993	6129	157		
6989	6995	6132	373		
6993	6999	6128	167		
6994	6988	6130	247		
6995	6994	6131	245		
6999	7001	6127	227		
7001	7002	6126	233		
7002	7003	6125	124		
7003	7004	7597	201		
7004	7007	7599	367		
7007	7009	6860	331		
7009	9162	6124	450		
7011	7012	6869	399		
7012	7016	6870	334		
7013	9161	6863	321		
7014	7011	6868	395		
7016	7015	6871	332		
7018	7014	6867	394		
7026	7021	9426	125		
9161	7026	6864	91		
9162	7015	6861	152		
9163	6989	9422	500		
9164	9163	9421	431		
9165	9164	9420	221		
9166	9165	9419	365		
9167	9166	9418	305		
9168	9167	9417	134		
9169	9168	9416	449		
9170	9169	9415	380		
	Total Linear Footage:		11027		

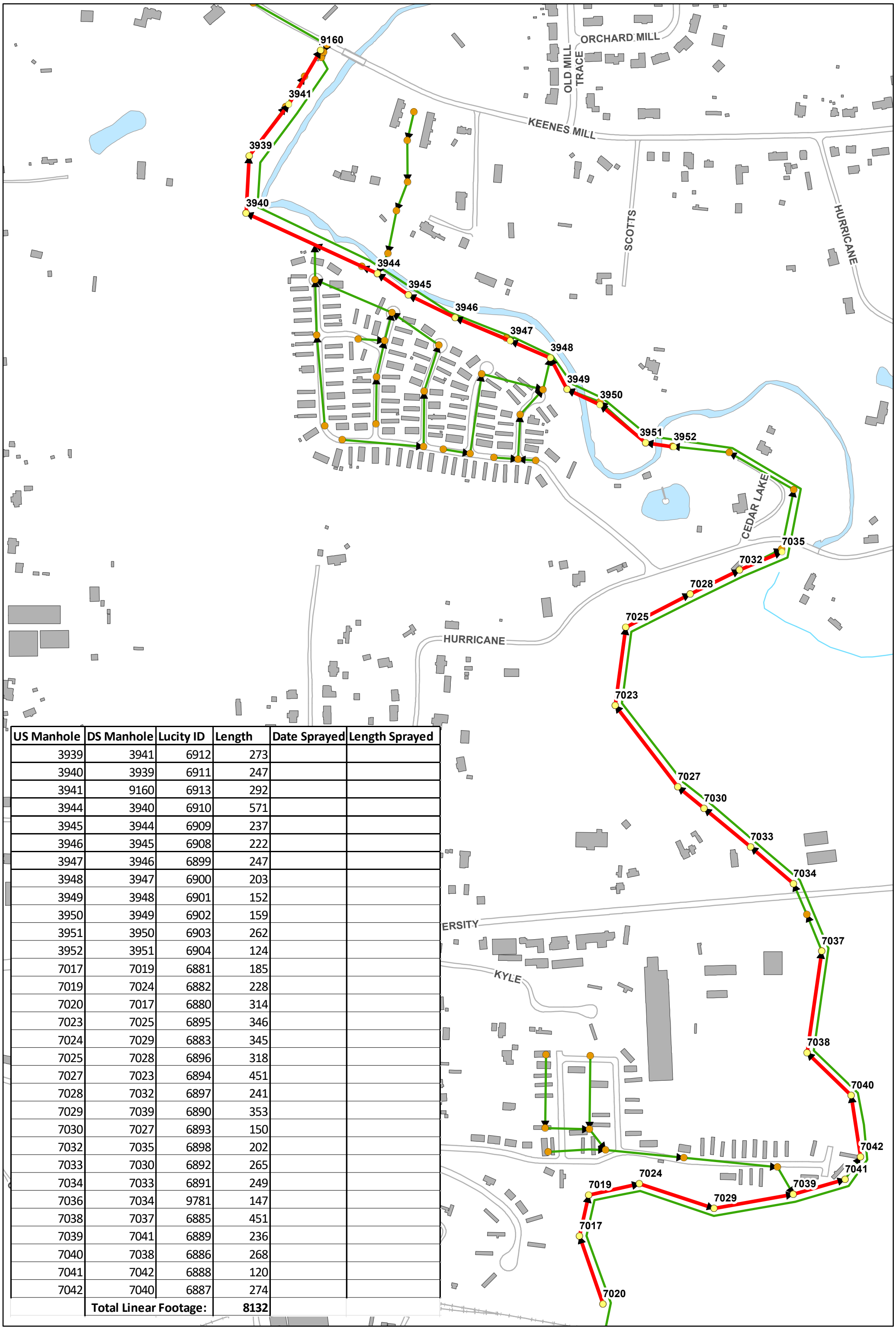


Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3939	3941	6912	273		
3940	3939	6911	247		
3941	9160	6913	292		
3944	3940	6910	571		
3945	3944	6909	237		
3946	3945	6908	222		
3947	3946	6899	247		
3948	3947	6900	203		
3949	3948	6901	152		
3950	3949	6902	159		
3951	3950	6903	262		
3952	3951	6904	124		
7017	7019	6881	185		
7019	7024	6882	228		
7020	7017	6880	314		
7023	7025	6895	346		
7024	7029	6883	345		
7025	7028	6896	318		
7027	7023	6894	451		
7028	7032	6897	241		
7029	7039	6890	353		
7030	7027	6893	150		
7032	7035	6898	202		
7033	7030	6892	265		
7034	7033	6891	249		
7036	7034	9781	147		
7038	7037	6885	451		
7039	7041	6889	236		
7040	7038	6886	268		
7041	7042	6888	120		
7042	7040	6887	274		
	Total Linear Footage:		**8132**		

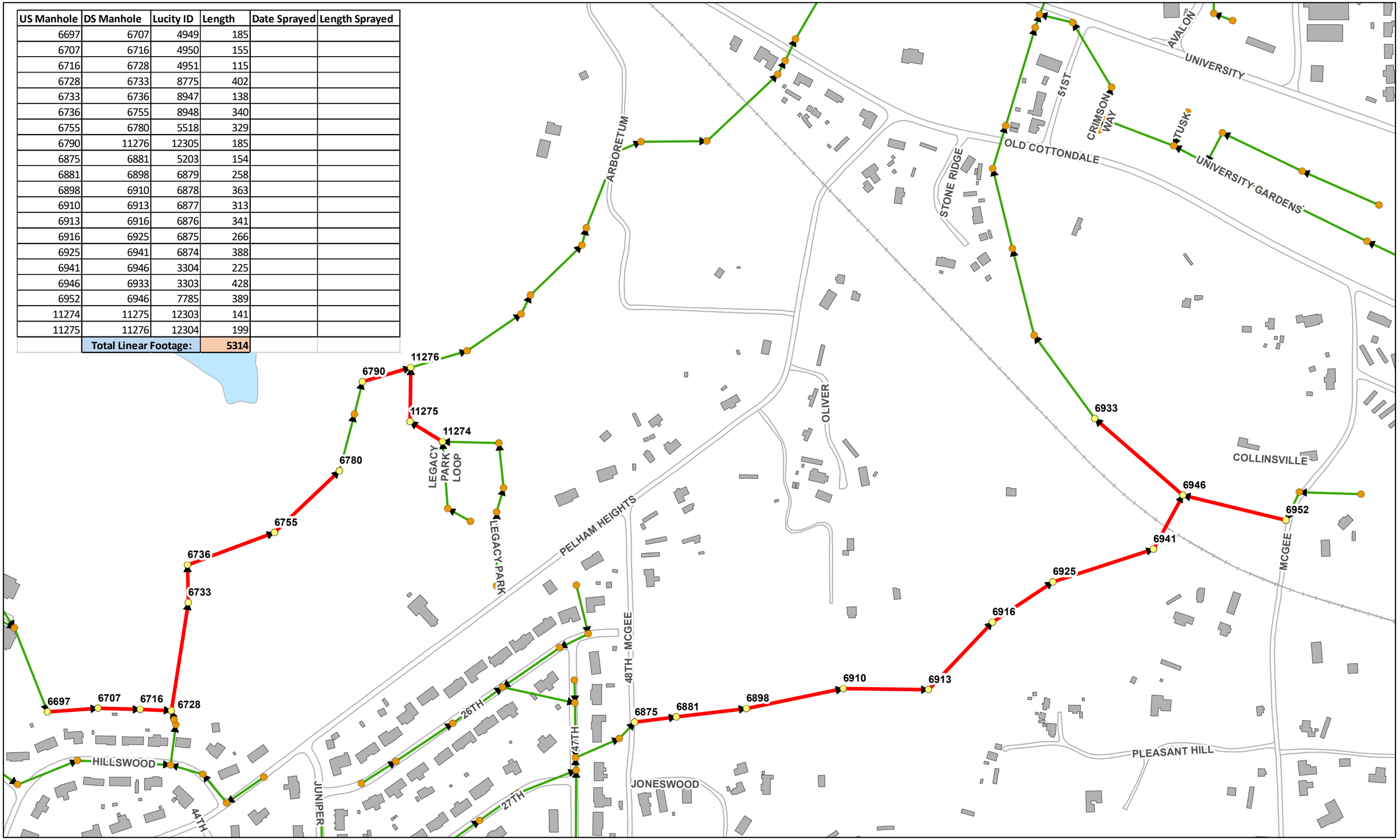
Legend
Manholes
Lines to Spray

N

2019 ROW SPRAY NEEDS

0 130 260 520 780 1,040 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
6697	6707	4949	185		
6707	6716	4950	155		
6716	6728	4951	115		
6728	6733	8775	402		
6733	6736	8947	138		
6736	6755	8948	340		
6755	6780	5518	329		
6790	11276	12305	185		
6875	6881	5203	154		
6881	6898	6879	258		
6898	6910	6878	363		
6910	6913	6877	313		
6913	6916	6876	341		
6916	6925	6875	266		
6925	6941	6874	388		
6941	6946	3304	225		
6946	6933	3303	428		
6952	6946	7785	389		
11274	11275	12303	141		
11275	11276	12304	199		
	Total Linear Footage:		5314		



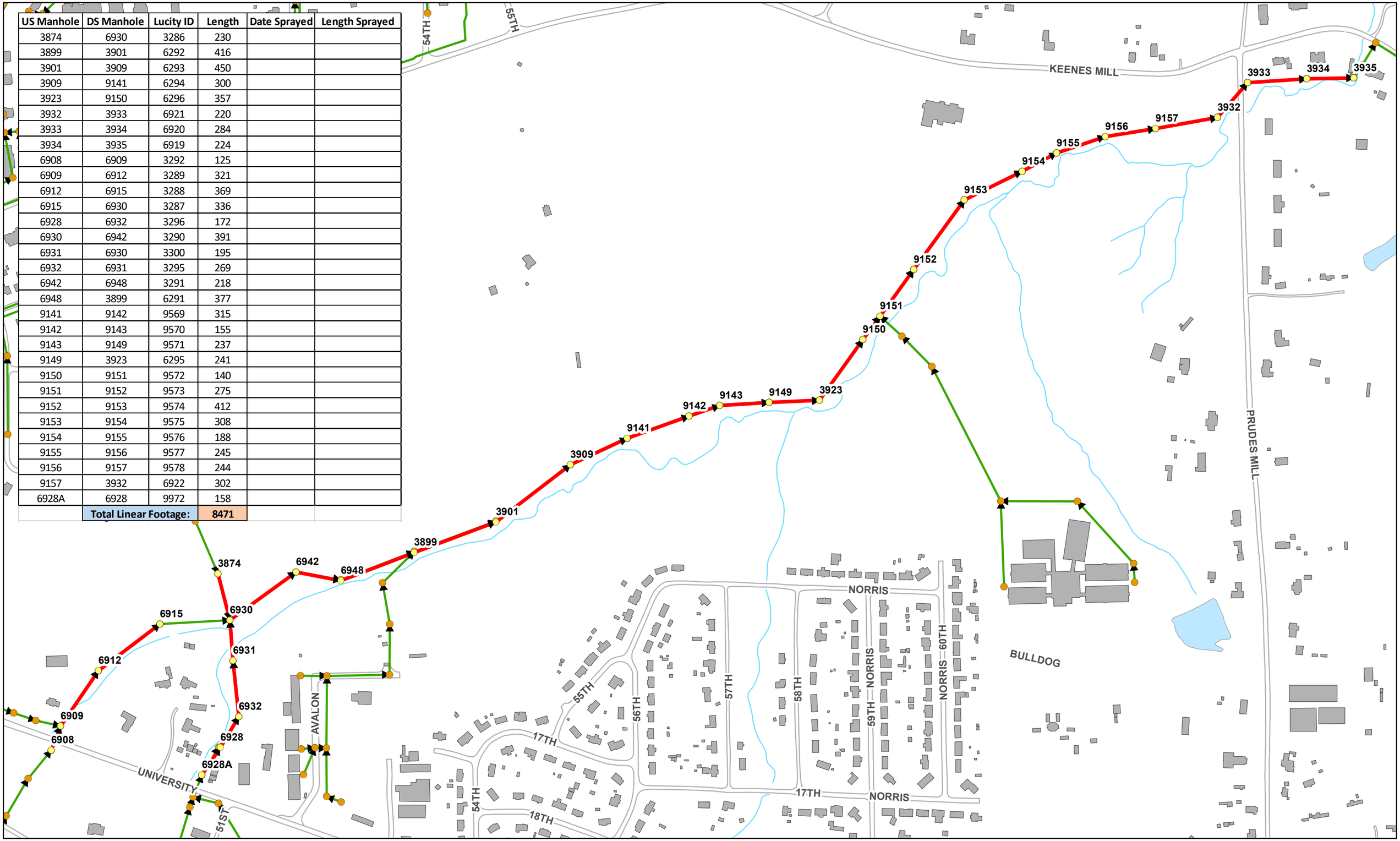
Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 140 280 560 840 1,120 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3874	6930	3286	230		
3899	3901	6292	416		
3901	3909	6293	450		
3909	9141	6294	300		
3923	9150	6296	357		
3932	3933	6921	220		
3933	3934	6920	284		
3934	3935	6919	224		
6908	6909	3292	125		
6909	6912	3289	321		
6912	6915	3288	369		
6915	6930	3287	336		
6928	6932	3296	172		
6930	6942	3290	391		
6931	6930	3300	195		
6932	6931	3295	269		
6942	6948	3291	218		
6948	3899	6291	377		
9141	9142	9569	315		
9142	9143	9570	155		
9143	9149	9571	237		
9149	3923	6295	241		
9150	9151	9572	140		
9151	9152	9573	275		
9152	9153	9574	412		
9153	9154	9575	308		
9154	9155	9576	188		
9155	9156	9577	245		
9156	9157	9578	244		
9157	3932	6922	302		
6928A	6928	9972	158		
	Total Linear Footage:		8471		



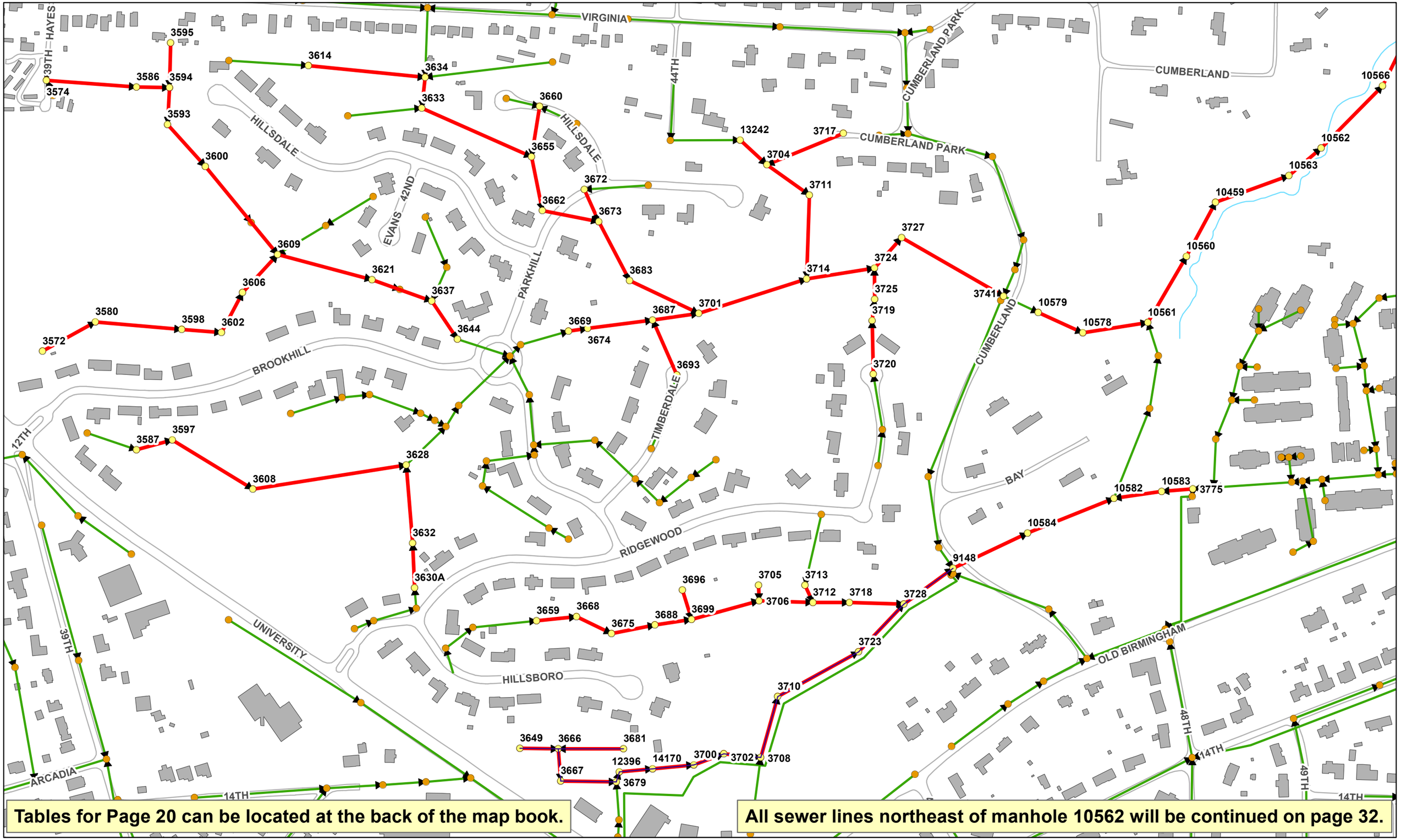
Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3572	3580	2043	217		
3574	3586	2436	324		
3580	3598	2044	312		
3586	3594	2435	119		
3587	3597	6925	134		
3593	3600	2063	203		
3594	3593	2062	133		
3595	3594	1466	162		
3597	3608	2432	339		
3598	3602	2045	144		
3600	3609	2064	410		
3602	3606	2046	162		
3606	3609	2047	186		
3608	3628	2433	559		
3609	3621	2048	352		
3614	3634	6927	422		
3621	3637	2049	228		
3632	3628	6269	281		
3633	3655	1461	432		
3634	3633	1462	111		
3637	3644	2050	165		
3649	3666	2393	138		
3655	3662	1460	197		
3659	3668	2035	144		
3660	3655	10309	183		
3662	3673	2059	206		
3666	3667	2394	117		
3667	3679	2392	200		
3668	3675	2036	140		
3669	3674	2056	69		
3672	3673	2058	127		
3673	3683	2057	239		
3674	3687	8366	236		
3675	3688	2037	159		
3679	12396	8422	38		
3681	3666	6924	235		
3683	3701	2060	275		
3687	3701	8365	167		
3688	3699	2040	133		
3693	3687	8367	216		
3696	3699	2042	111		
3699	3706	2039	252		
3700	3702	2409	115		
3701	3714	1443	408		
3702	3708	2410	134		
3704	3711	1457	188		
3705	3706	2041	56		
3706	3712	2038	194		
3708	3710	2413	228		
3710	3723	2414	333		
3711	3714	2067	302		
3712	3718	2406	131		
3713	3712	2407	68		
3714	3724	1442	246		
3717	3704	1458	298		
3718	3728	2405	196		
3719	3725	1445	78		
3720	3719	1446	193		
3723	3728	2415	236		
3724	3727	1436	147		
3725	3724	1444	112		
3727	3741	1451	424		
3728	9148	2404	219		
3775	10583	11786	113		
9148	10584	11789	297		
10459	10563	11817	281		
10560	10459	11816	221		
10561	10560	11815	275		
10563	10562	11818	153		
10578	10561	11814	237		
10579	10578	11813	135		
10583	10582	11788	173		
10584	10582	11790	335		
12396	14170	8423	120		
13242	3704	14215	130		
14170	3700	14584	149		
3630A	3632	2032	161		
	Total Linear Footage:		**16068**		



Tables for Page 20 can be located at the back of the map book.

All sewer lines northeast of manhole 10562 will be continued on page 32.

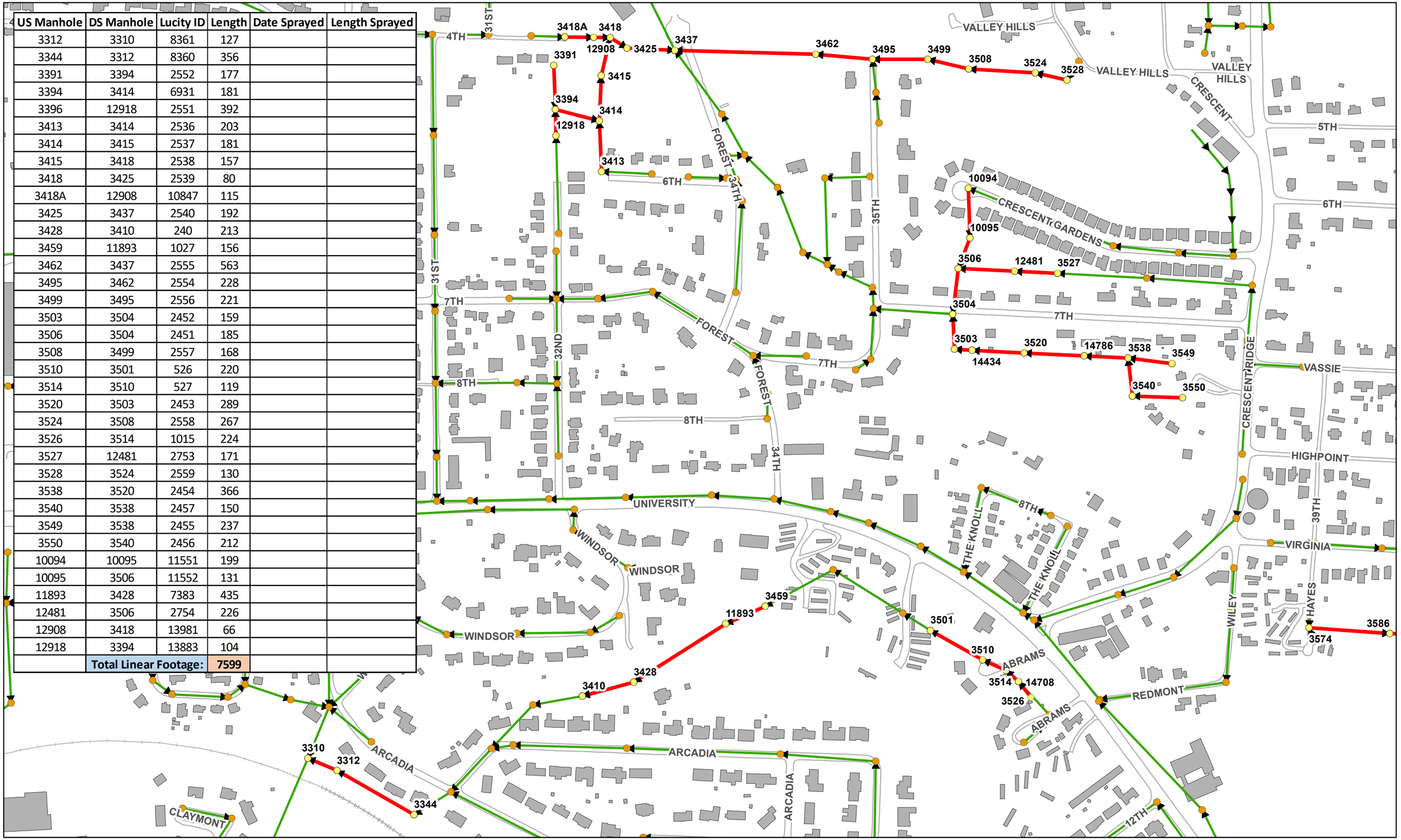
N

Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 150 300 600 900 1,200 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3312	3310	8361	127		
3344	3312	8360	356		
3391	3394	2552	177		
3394	3414	6931	181		
3396	12918	2551	392		
3413	3414	2536	203		
3414	3415	2537	181		
3415	3418	2538	157		
3418	3425	2539	80		
3418A	12908	10847	115		
3425	3437	2540	192		
3428	3410	240	213		
3459	11893	1027	156		
3462	3437	2555	563		
3495	3462	2554	228		
3499	3495	2556	221		
3503	3504	2452	159		
3506	3504	2451	185		
3508	3499	2557	168		
3510	3501	526	220		
3514	3510	527	119		
3520	3503	2453	289		
3524	3508	2558	267		
3526	3514	1015	224		
3527	12481	2753	171		
3528	3524	2559	130		
3538	3520	2454	366		
3540	3538	2457	150		
3549	3538	2455	237		
3550	3540	2456	212		
10094	10095	11551	199		
10095	3506	11552	131		
11893	3428	7383	435		
12481	3506	2754	226		
12908	3418	13981	66		
12918	3394	13883	104		
	Total Linear Footage:		7599		



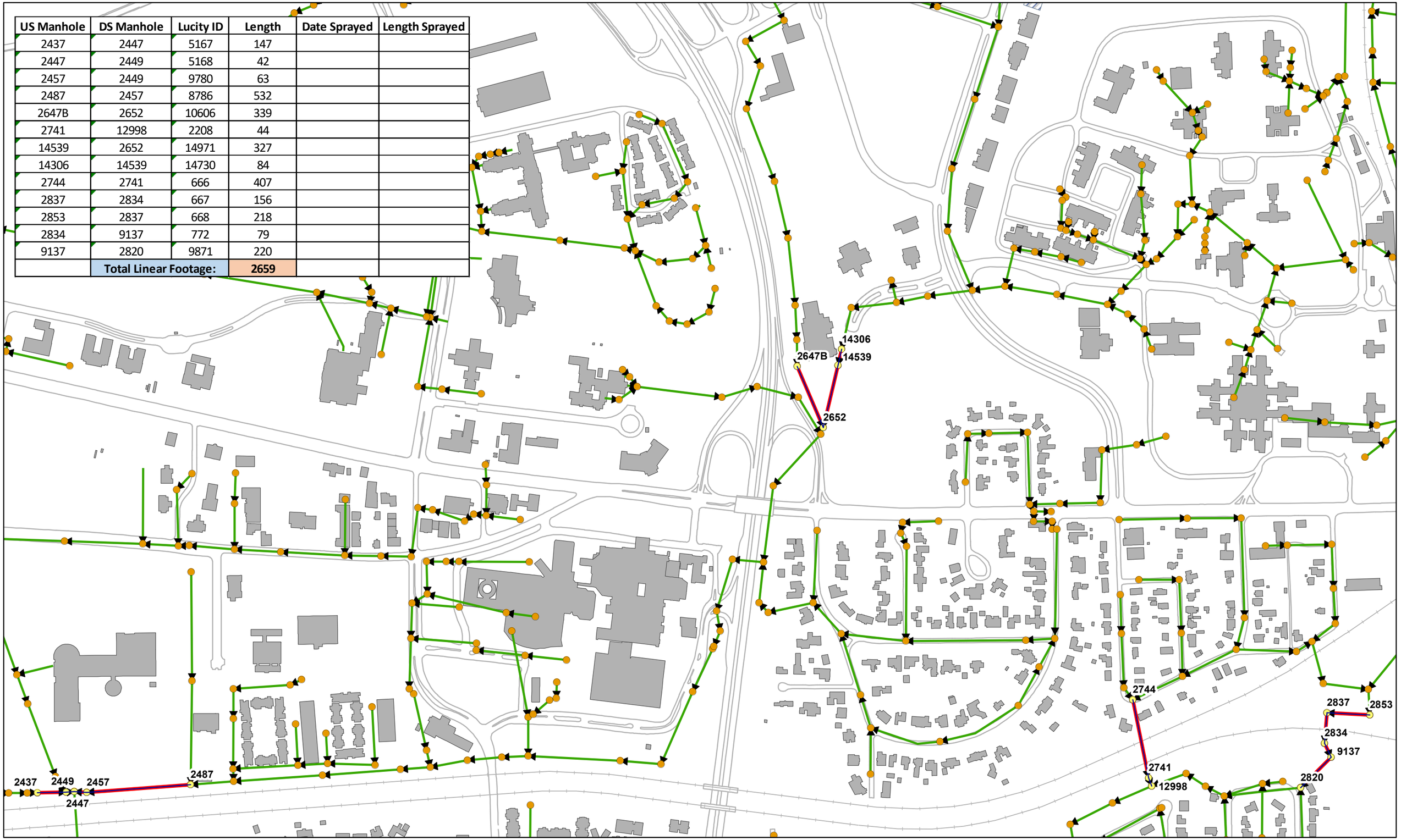
N

Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 175 350 700 1,050 1,400 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
2437	2447	5167	147		
2447	2449	5168	42		
2457	2449	9780	63		
2487	2457	8786	532		
2647B	2652	10606	339		
2741	12998	2208	44		
14539	2652	14971	327		
14306	14539	14730	84		
2744	2741	666	407		
2837	2834	667	156		
2853	2837	668	218		
2834	9137	772	79		
9137	2820	9871	220		
	Total Linear Footage:		2659		



Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
2961	2961a	10476	86		
2962	2960	10479	108		
2965	2972	720	348		
2968	2961	6035	220		
2973	2965	719	349		
2983	2968	6036	296		
2984	2983	2875	129		
2987	11930	1467	52		
2989	2991	2745	160		
2993	2994	2872	187		
2994	2987	2874	323		
3064	12478	218	9278		
3078	10644	9955	241		
3104	3078	2749	316		
3142	11289	6057	294		
3187	3180	2849	212		
3190	3187	2781	188		
3191	3190	2782	154		
3230	3205	6024	234		
3250	3262	2839	124		
3259	3269	2837	205		
3262	3259	2838	82		
3267	3263	2862	275		

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3269	18023	2831	161		
3271	3268	2825	288		
3274	3262	9284	80		
3282	3269	2830	172		
3283	3267	2863	181		
3292	3294a	9331	139		
3313	12971	2865	150		
3349	3384	892	242		
3385	9113	6932	232		
3387	3384	889	126		
3392	3387	888	61		
9112	3384	9281	214		
9113	9112	9280	294		
10644	3064	190	2248		
10666	3064	28	11834		
11289	3104	6365	316		
11929	2984	12770	31		
11930	11929	2887	181		
12971	3283	13979	103		
13083	3238	599	182		
18023	3230	9285	95		
2961a	2962	10477	530		
3294a	3294	9332	123		
Total Linear Footage:			**13861**		

N

Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet

US Manhole	Ds Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
2515	21110	6569	250		
2517	2515	7696	273		
2528	2508	4719	448		
2550	2528	4718	467		
2615	2590	8329	315		
2630	2629	2876	48		
2678	2615	8328	400		
2783	2801	6041	373		
2784	2783	6039	184		
2793	2784	6040	100		
2801	2855	6042	538		
2808	2798	6038	260		
2809	2808	6037	268		
2829	10599	10845	259		
2843	21077	6044	453		
2855	2866	6043	259		
2857	2843	2739	105		
2869	2857	2738	140		
2903	2896	2740	111		
10600	2809	10844	246		
12058	12059	6264	272		
12060	12061	3670	363		
21077	2829	9288	42		
21082	21084	8581	302		
21084	21085	8582	26		
21085	21086	8583	122		
21086	21091	8584	688		
21091	2678	8327	327		
21110	21103	8580	119		

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
10601	2793	10734	58		
10602	11438	12040	28		
11435	11439	12043	184		
11436	11435	12044	125		
11437	11436	12045	325		
11438	11437	12046	85		
11439	11440	9628	105		
11440	11441	9629	115		
11441	11442	9630	129		
11442	11443	9631	156		
11443	11444	12360	380		
11444	11445	12361	492		
11445	11446	12362	200		
11446	21082	12042	871		
11447	2630	12366	213		
11448	11449	12364	68		
11449	2615	12365	211		
12058	12059	6264	272		
12060	12061	3670	363		
12062	PS2	9908	155		
12468	9080	7234	220		
21070	10600	10735	67		
21074	21070	9289	346		
21077	2829	9288	42		
21082	21084	8581	302		
21084	21085	8582	26		
21085	21086	8583	122		
21086	21091	8584	688		
21091	2678	8327	327		
21110	21103	8580	119		
	Total Linear Footage:		**13816**		

Not included in PAGE 24, these lines are located on PAGE 27.

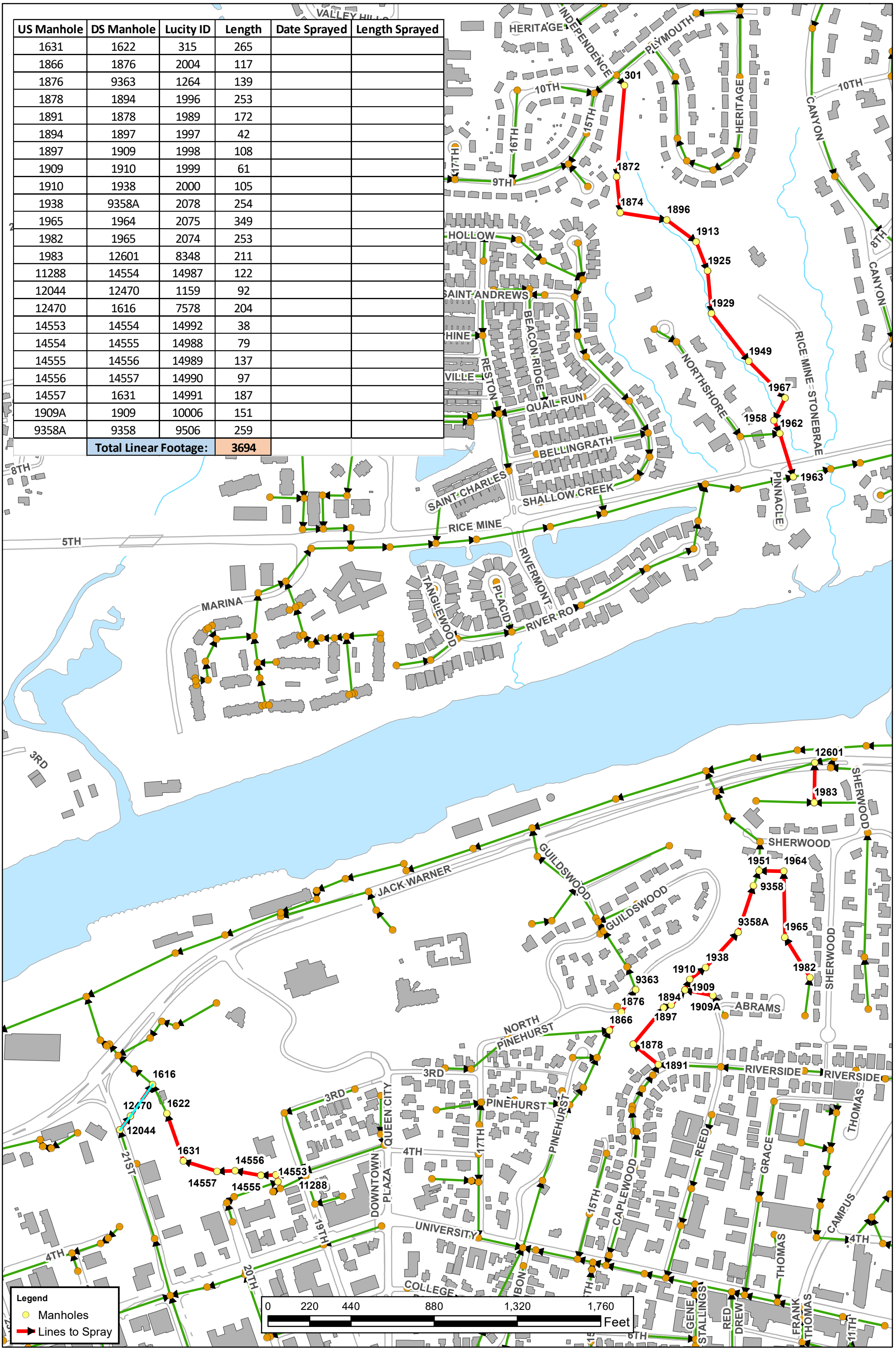
Legend
Manholes
Lines to Spray

0 305 610 1,220 1,830 2,440 Feet

N

2019 ROW SPRAY NEEDS

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
1631	1622	315	265		
1866	1876	2004	117		
1876	9363	1264	139		
1878	1894	1996	253		
1891	1878	1989	172		
1894	1897	1997	42		
1897	1909	1998	108		
1909	1910	1999	61		
1910	1938	2000	105		
1938	9358A	2078	254		
1965	1964	2075	349		
1982	1965	2074	253		
1983	12601	8348	211		
11288	14554	14987	122		
12044	12470	1159	92		
12470	1616	7578	204		
14553	14554	14992	38		
14554	14555	14988	79		
14555	14556	14989	137		
14556	14557	14990	97		
14557	1631	14991	187		
1909A	1909	10006	151		
9358A	9358	9506	259		
	Total Linear Footage:		**3694**		

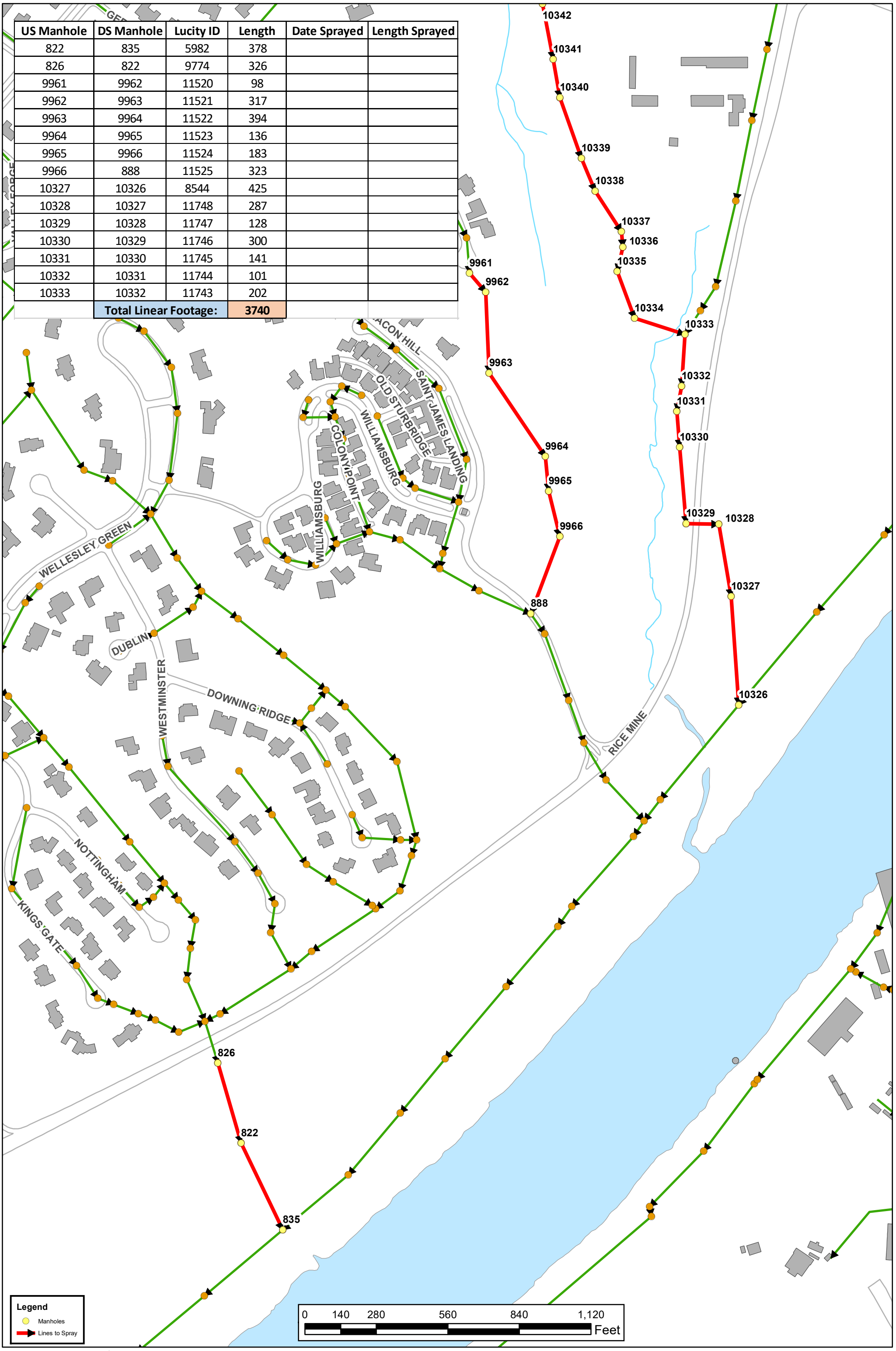


2019 ROW SPRAY NEEDS

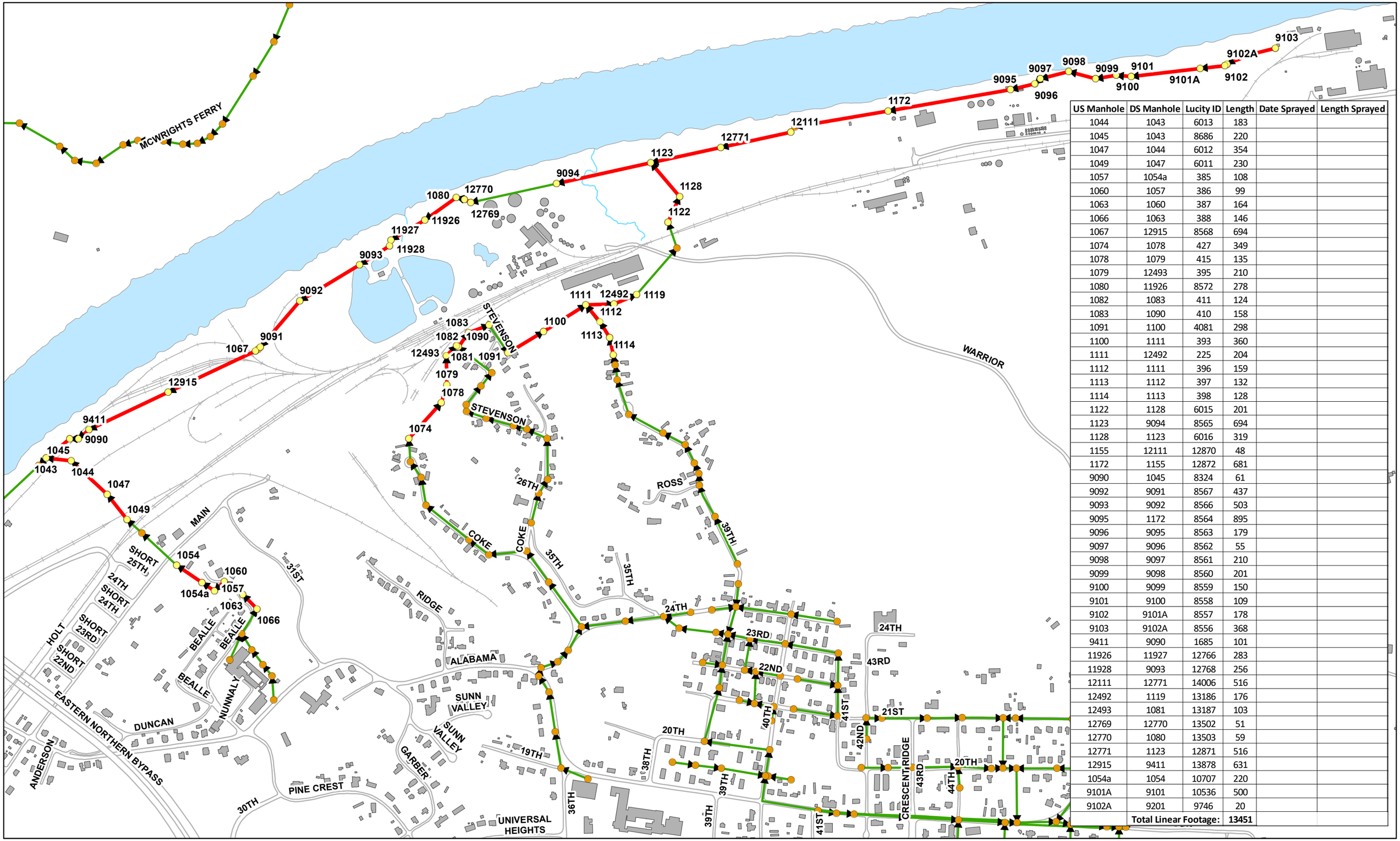
US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
472	484	6207	326		
484	483	6206	388		
529	541	3649	302		
532	529	7188	211		
533	532	5710	177		
541	555	4319	252		
555	2428	4320	363		
617	611	1596	77		
2244	2233	4709	376		
2287	2244	4712	442		
2346	2319	4710	438		
2371	2346	4715	367		
2396	2371	4714	394		
2424	2438	4324	232		
2432	2436	4322	238		
2436	2424	4323	289		
2438	2396	4713	273		
2460	2438	4725	414		
2483	9081	8546	285		
2508	2483	4270	174		
9081	2460	4724	458		
12681	2483	13411	176		
	Total Linear Footage:		**6652**		

2019 ROW SPRAY NEEDS

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
822	835	5982	378		
826	822	9774	326		
9961	9962	11520	98		
9962	9963	11521	317		
9963	9964	11522	394		
9964	9965	11523	136		
9965	9966	11524	183		
9966	888	11525	323		
10327	10326	8544	425		
10328	10327	11748	287		
10329	10328	11747	128		
10330	10329	11746	300		
10331	10330	11745	141		
10332	10331	11744	101		
10333	10332	11743	202		
	Total Linear Footage:		3740		



2019 ROW SPRAY NEEDS



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
1044	1043	6013	183		
1045	1043	8686	220		
1047	1044	6012	354		
1049	1047	6011	230		
1057	1054a	385	108		
1060	1057	386	99		
1063	1060	387	164		
1066	1063	388	146		
1067	12915	8568	694		
1074	1078	427	349		
1078	1079	415	135		
1079	12493	395	210		
1080	11926	8572	278		
1082	1083	411	124		
1083	1090	410	158		
1091	1100	4081	298		
1100	1111	393	360		
1111	12492	225	204		
1112	1111	396	159		
1113	1112	397	132		
1114	1113	398	128		
1122	1128	6015	201		
1123	9094	8565	694		
1128	1123	6016	319		
1155	12111	12870	48		
1172	1155	12872	681		
9090	1045	8324	61		
9092	9091	8567	437		
9093	9092	8566	503		
9095	1172	8564	895		
9096	9095	8563	179		
9097	9096	8562	55		
9098	9097	8561	210		
9099	9098	8560	201		
9100	9099	8559	150		
9101	9100	8558	109		
9102	9101A	8557	178		
9103	9102A	8556	368		
9411	9090	1685	101		
11926	11927	12766	283		
11928	9093	12768	256		
12111	12771	14006	516		
12492	1119	13186	176		
12493	1081	13187	103		
12769	12770	13502	51		
12770	1080	13503	59		
12771	1123	12871	516		
12915	9411	13878	631		
1054a	1054	10707	220		
9101A	9101	10536	500		
9102A	9201	9746	20		
	Total Linear Footage:		13451		

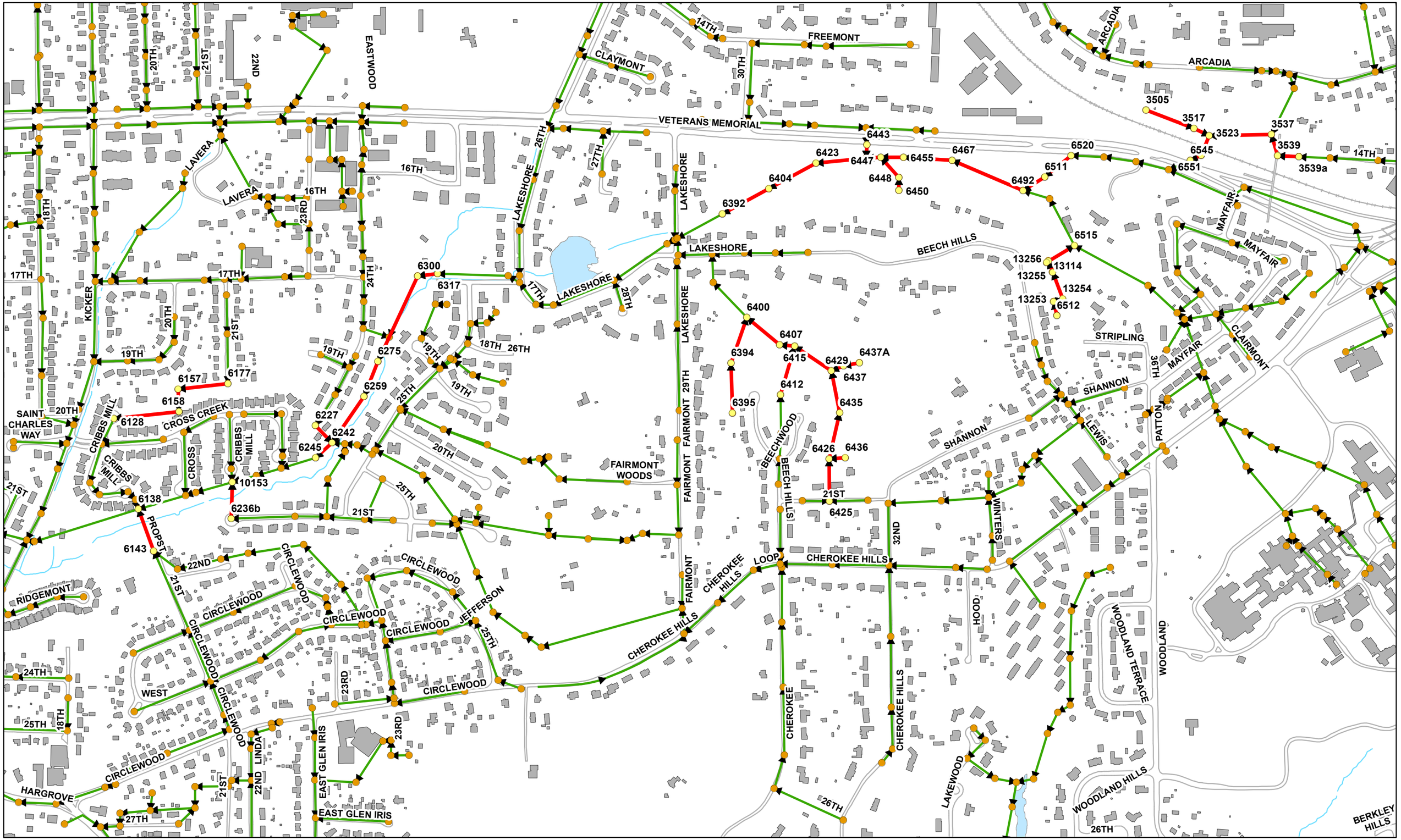
Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 300 600 1,200 1,800 2,400 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
3537	3523	1184	391		
3517	3523	1185	108		
3505	3517	1186	322		
3523	6551	1187	134		
3539	3537	1188	138		
6412	6415	1552	318		
6429	6415	1553	279		
6435	6429	1554	268		
6426	6435	1555	298		
6425	6426	1556	265		
6437	6429	1559	83		
6407	6400	1563	269		
6394	6400	1564	304		
6395	6394	1565	314		
6319	6298	5327	341		
6300	6275	5352	592		
6259	6242	5339	355		
6275	6259	5340	237		
6317	6300	5353	126		
6355	6354	5276	121		
6404	6392	5282	332		
6423	6404	5283	337		
6442	6423	5284	318		
6467	6455	5285	306		
6492	6467	5286	485		
6443	6442	5287	86		
6448	6447	5288	171		
6450	6448	5289	81		
6520	6511	5290	213		
6551	6545	5294	75		
13256	6515	14066	190		
6512	13253	5297	90		
6437A	6437	10029	101		
6447	6442	7522	91		
6436	6426	7523	102		
6511	6492	7520	163		
6455	6447	7521	143		
6227	6242	6496	152		
6415	6407	6500	93		
10008	10007	9292	328		
10007	6319	9293	34		
13082	6412	14150	242		
3539a	3539	8614	134		
13114	13256	14327	15		
13253	13254	14218	60		
13254	13255	14219	179		
13255	13256	14220	75		
6158	6128	5420	410		
6143	6138	5257	281		
6236b	10153	3699	229		
6242	6245	5338	141		
6157	6158	5421	143		
6177	6157	5422	314		
	Total Linear Footage:		**11377**		



Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
92	96a	6582	140		
83	92	6595	143		
35	39	6775	44		
39	42	6776	40		
42	PS8	6777	128		
50	47	7590	106		
52	50	7591	97		
54	52	7595	52		
45	40	7586	96		
47	45	7587	44		
12113	83	12874	84		
	Total Linear Footage:		974		

NEWPORT
39
42
LS8
35
HILLWOOD
OLD FARM
EMERALD
ELAINA
JADE POINTE
JADE POINTE
REGENT
CHATHAM
RICE MINE
HIGHGROVE
HIGHGROVE
WOODLANDS TRAIL
GLEN COVE
WATERFALL
SUNRISE POINTE WAY
TERRACE GREEN
TALBOTTON
HASTINGS
TALBOTTON PARK
BANBURY
CANDLER
CARLETON
ARUNDELL
GREYSTONE
GREY
GREYSTONE
GREYMONT
GREYSTONE
GREYSTONE
12113
83
92
96a
POINT CLEAR
LESLEY

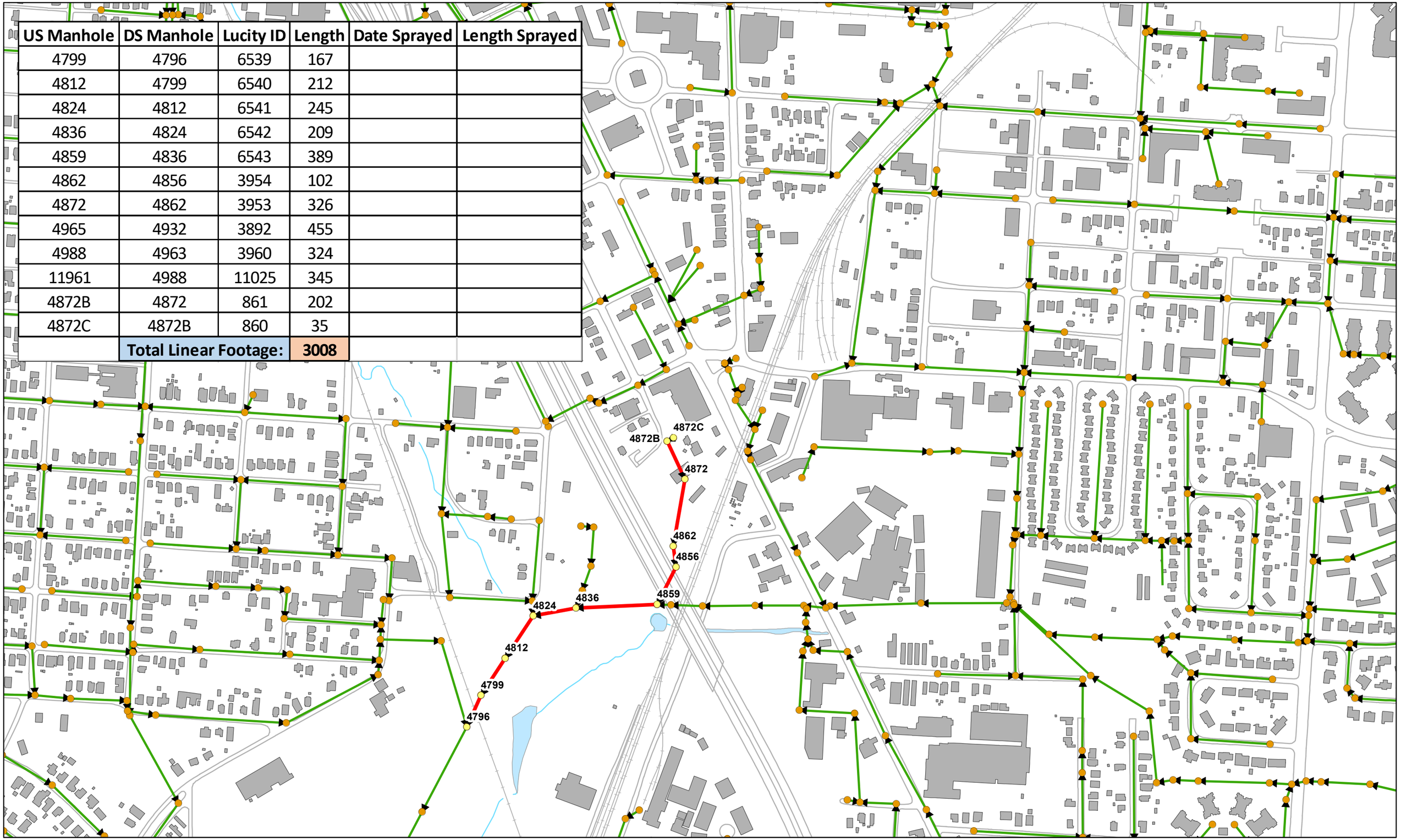
Legend
Manholes
Lines to Spray

N

2019 ROW SPRAY NEEDS

0 100 200 400 600 800 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
4799	4796	6539	167		
4812	4799	6540	212		
4824	4812	6541	245		
4836	4824	6542	209		
4859	4836	6543	389		
4862	4856	3954	102		
4872	4862	3953	326		
4965	4932	3892	455		
4988	4963	3960	324		
11961	4988	11025	345		
4872B	4872	861	202		
4872C	4872B	860	35		
	Total Linear Footage:		**3008**		

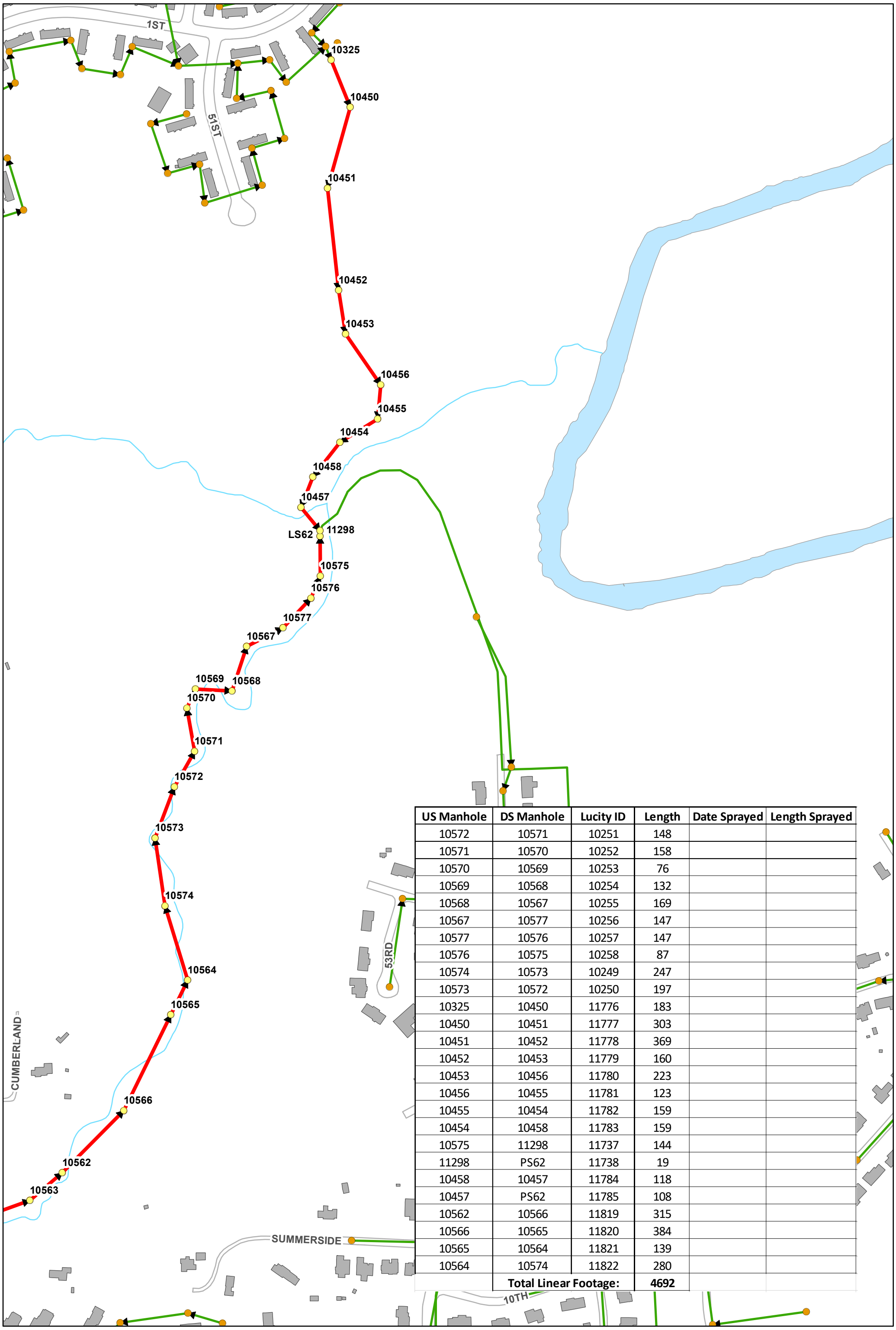


N

Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet



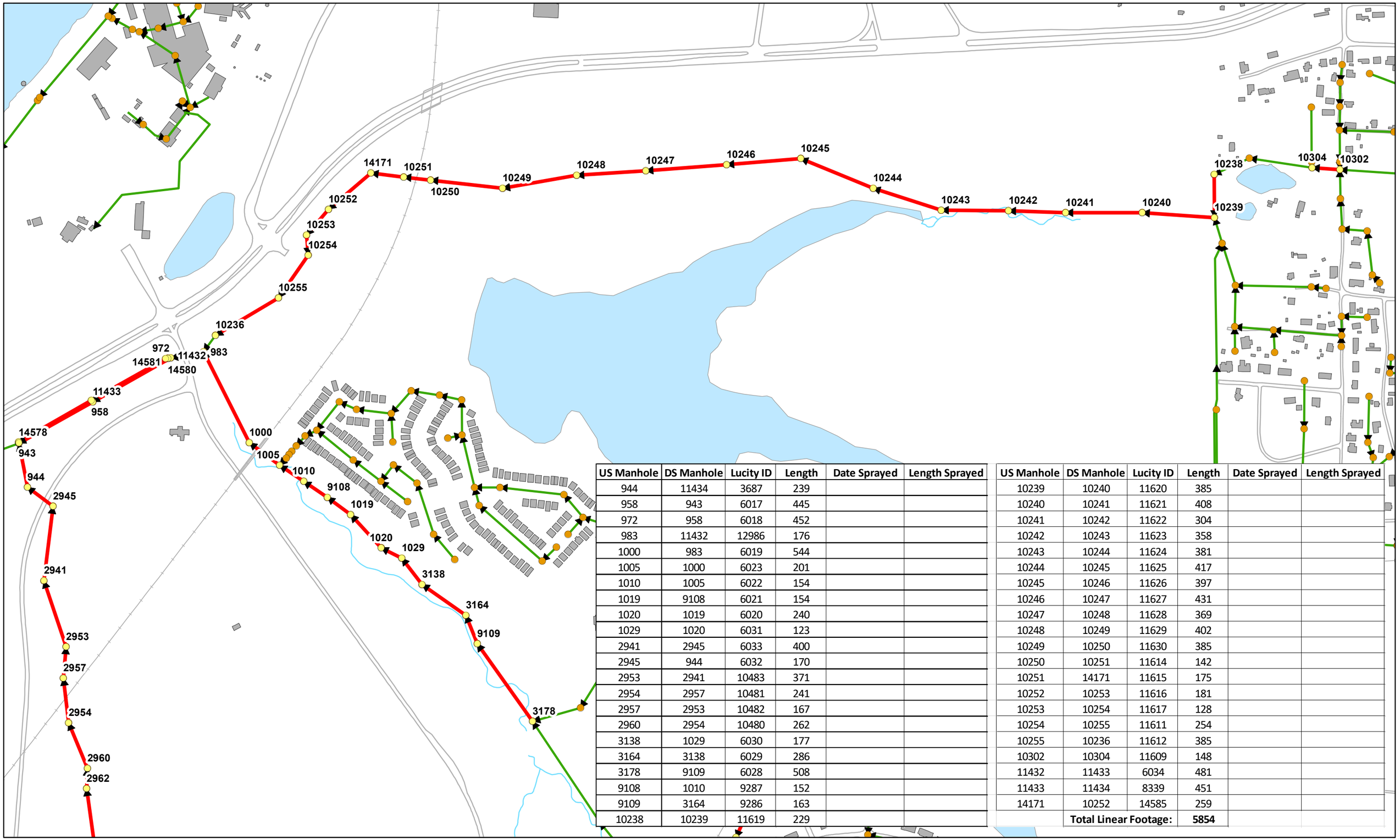
US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
10572	10571	10251	148		
10571	10570	10252	158		
10570	10569	10253	76		
10569	10568	10254	132		
10568	10567	10255	169		
10567	10577	10256	147		
10577	10576	10257	147		
10576	10575	10258	87		
10574	10573	10249	247		
10573	10572	10250	197		
10325	10450	11776	183		
10450	10451	11777	303		
10451	10452	11778	369		
10452	10453	11779	160		
10453	10456	11780	223		
10456	10455	11781	123		
10455	10454	11782	159		
10454	10458	11783	159		
10575	11298	11737	144		
11298	PS62	11738	19		
10458	10457	11784	118		
10457	PS62	11785	108		
10562	10566	11819	315		
10566	10565	11820	384		
10565	10564	11821	139		
10564	10574	11822	280		
	Total Linear Footage:		**4692**		

Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 100 200 400 600 800 Feet



US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
944	11434	3687	239		
958	943	6017	445		
972	958	6018	452		
983	11432	12986	176		
1000	983	6019	544		
1005	1000	6023	201		
1010	1005	6022	154		
1019	9108	6021	154		
1020	1019	6020	240		
1029	1020	6031	123		
2941	2945	6033	400		
2945	944	6032	170		
2953	2941	10483	371		
2954	2957	10481	241		
2957	2953	10482	167		
2960	2954	10480	262		
3138	1029	6030	177		
3164	3138	6029	286		
3178	9109	6028	508		
9108	1010	9287	152		
9109	3164	9286	163		
10238	10239	11619	229		

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
10239	10240	11620	385		
10240	10241	11621	408		
10241	10242	11622	304		
10242	10243	11623	358		
10243	10244	11624	381		
10244	10245	11625	417		
10245	10246	11626	397		
10246	10247	11627	431		
10247	10248	11628	369		
10248	10249	11629	402		
10249	10250	11630	385		
10250	10251	11614	142		
10251	14171	11615	175		
10252	10253	11616	181		
10253	10254	11617	128		
10254	10255	11611	254		
10255	10236	11612	385		
10302	10304	11609	148		
11432	11433	6034	481		
11433	11434	8339	451		
14171	10252	14585	259		
	Total Linear Footage:		5854		

N

Legend
- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 250 500 1,000 1,500 2,000 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
ls65	8665	3053	3096		
	Total Linear Footage:		**3096**		

8665j

LS65

SHELBY

CAMILLE

CAMILLE

REMINGTON

BOBBY MILLER

OLD BRIDGE

BARN WOOD

PRAIRIE FIELD

COTTON FIELDS

GRAZING FIELD

CHAROLAIS

N

Legend

- Manholes
- Lines to Spray

2019 ROW SPRAY NEEDS

0 100 200 400 600 800 Feet

US Manhole	DS Manhole	Lucity ID	Length	Date Sprayed	Length Sprayed
301	1872	6556	484		
1872	1874	6555	190		
1874	1896	7209	250		
1896	1913	7011	194		
1913	1925	7009	166		
1925	1929	7008	226		
1929	1949	7007	320		
1949	1967	7006	273		
1958	1962	7004	76		
1962	1963	7003	240		
1967	1958	7005	133		
	Total Linear Footage:		**2552**		

Legend
Manholes
Lines to Spray

N

2019 ROW SPRAY NEEDS

0 120 240 480 720 960 Feet

US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
153	1022	337	8143		
10408	10407	136	11754		
10407	10406	142	11755		
10406	10405	204	11756		
10405	10404	297	11757		
10403	10402	288	11759		
148	149	144	8138		
149	150	352	8139		
150	151	119	8140		
151	152	402	8141		
152	9380	247	8142		
10358	10357	405	11714		
10366	10363	186	11708		
10363	10362	271	11709		
10362	10361	454	11710		
10361	10360	409	11711		
10360	10359	399	11712		
10359	10358	381	11713		
10413	10412	185	11749		
10412	10411	183	11750		
10411	10410	224	11751		
10410	10409	264	11752		
10409	10408	189	11753		
10364	11297	59	12135		
11297	10363	84	12136		
10404	10403	257	11758		
10357	10356	429	11715		
9380	153	230	1235		
10402	10401	218	11760		
10401	10400	207	11761		
10400	10399	230	11762		
10399	10398	289	11763		
10398	10397	193	11764		
10397	10396	151	11765		
10396	10395	132	11766		
10395	10394	106	11767		
10394	10393	224	11768		
10393	10392	261	11769		
10392	10391	112	11771		
10391	10390	166	11772		
10390	10389	126	11773		
10389	10388	254	11774		
10356	10355	265	11719		
10355	10354	233	11720		
10354	10353	230	11721		
10353	10352	204	11722		
10351	10350	379	11723		
10350	10349	204	11724		
10349	10348	65	11725		
10388	10348	265	11775		
9923	9924	293	11483		
10352	10460	130	11703		
10460	10351	111	11704		
10334	10333	206	11742		
10348	10347	138	11726		
10347	10346	198	11727		
10346	10345	262	11728		
10345	10344	168	11729		
10344	10343	236	11730		
10343	10342	230	11731		
10342	10341	221	11732		
10341	10340	153	11733		
10340	10339	252	11734		
10339	10338	139	11735		
10338	10337	189	11736		
10337	10336	60	11739		
10336	10335	98	11740		
10335	10334	196	11741		
Total Linear Footage:		**15071**			

ALTERNATE 1

2019 ROW SPRAY NEEDS

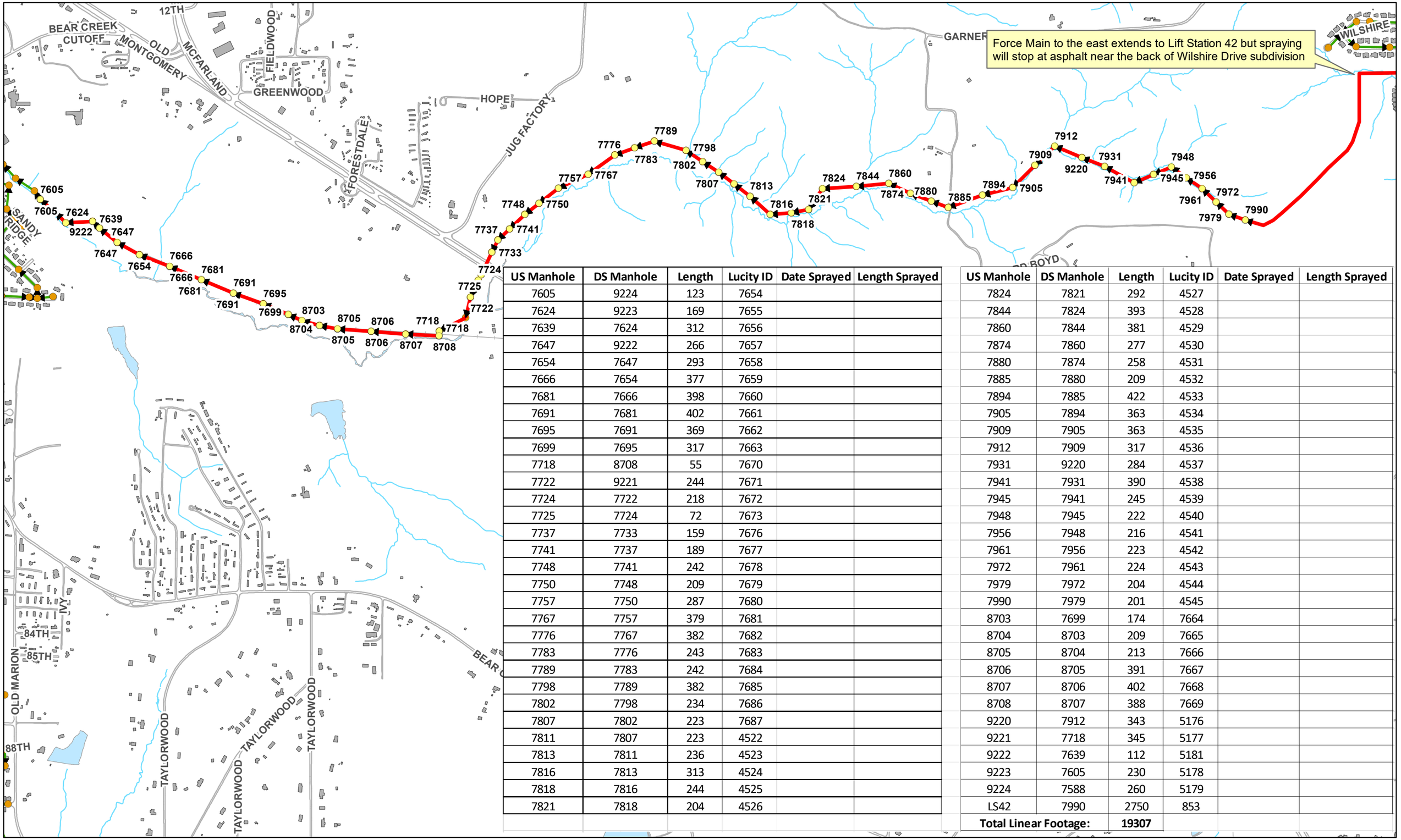
Alt 1

Legend
- Manholes
- Lines to Spray

0 250 500 1,000 1,500 2,000 Feet

N

CITY OF TUSCALOOSA, ALABAMA



US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
7605	9224	123	7654		
7624	9223	169	7655		
7639	7624	312	7656		
7647	9222	266	7657		
7654	7647	293	7658		
7666	7654	377	7659		
7681	7666	398	7660		
7691	7681	402	7661		
7695	7691	369	7662		
7699	7695	317	7663		
7718	8708	55	7670		
7722	9221	244	7671		
7724	7722	218	7672		
7725	7724	72	7673		
7737	7733	159	7676		
7741	7737	189	7677		
7748	7741	242	7678		
7750	7748	209	7679		
7757	7750	287	7680		
7767	7757	379	7681		
7776	7767	382	7682		
7783	7776	243	7683		
7789	7783	242	7684		
7798	7789	382	7685		
7802	7798	234	7686		
7807	7802	223	7687		
7811	7807	223	4522		
7813	7811	236	4523		
7816	7813	313	4524		
7818	7816	244	4525		
7821	7818	204	4526		

US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
7824	7821	292	4527		
7844	7824	393	4528		
7860	7844	381	4529		
7874	7860	277	4530		
7880	7874	258	4531		
7885	7880	209	4532		
7894	7885	422	4533		
7905	7894	363	4534		
7909	7905	363	4535		
7912	7909	317	4536		
7931	9220	284	4537		
7941	7931	390	4538		
7945	7941	245	4539		
7948	7945	222	4540		
7956	7948	216	4541		
7961	7956	223	4542		
7972	7961	224	4543		
7979	7972	204	4544		
7990	7979	201	4545		
8703	7699	174	7664		
8704	8703	209	7665		
8705	8704	213	7666		
8706	8705	391	7667		
8707	8706	402	7668		
8708	8707	388	7669		
9220	7912	343	5176		
9221	7718	345	5177		
9222	7639	112	5181		
9223	7605	230	5178		
9224	7588	260	5179		
LS42	7990	2750	853		
	Total Linear Footage:		**19307**		

Legend
- Manholes
- Lines to Spray

N

2019 ROW SPRAY NEEDS

0 500 1,000 2,000 3,000 4,000 Feet

Alt 2

WATERMELON
WM14033
WM10913
WM14049
ARBOR RIDGE
MILLWOOD
SHADYHILL
STILLWATER
FLINTRIDGE
RIDGELAND
RIDGELAND
RIDGELAND
RIDGELAND
RIDGELAND
WM8775
NORTHRIDGE
MILLWOOD
MANCHESTER
WELLINGTON
BELLE MEADE
NORTH HAMPTON
WM8780

Pipe ID #	Diameter	Length (FT)	Date Sprayed	Length Sprayed
WM8775	24	1510		
WM8780	24	372		
WM10913	16	2390		
WM14033	16	1244		
WM14049	16	805		
Total Linear Footage:		**7118**		

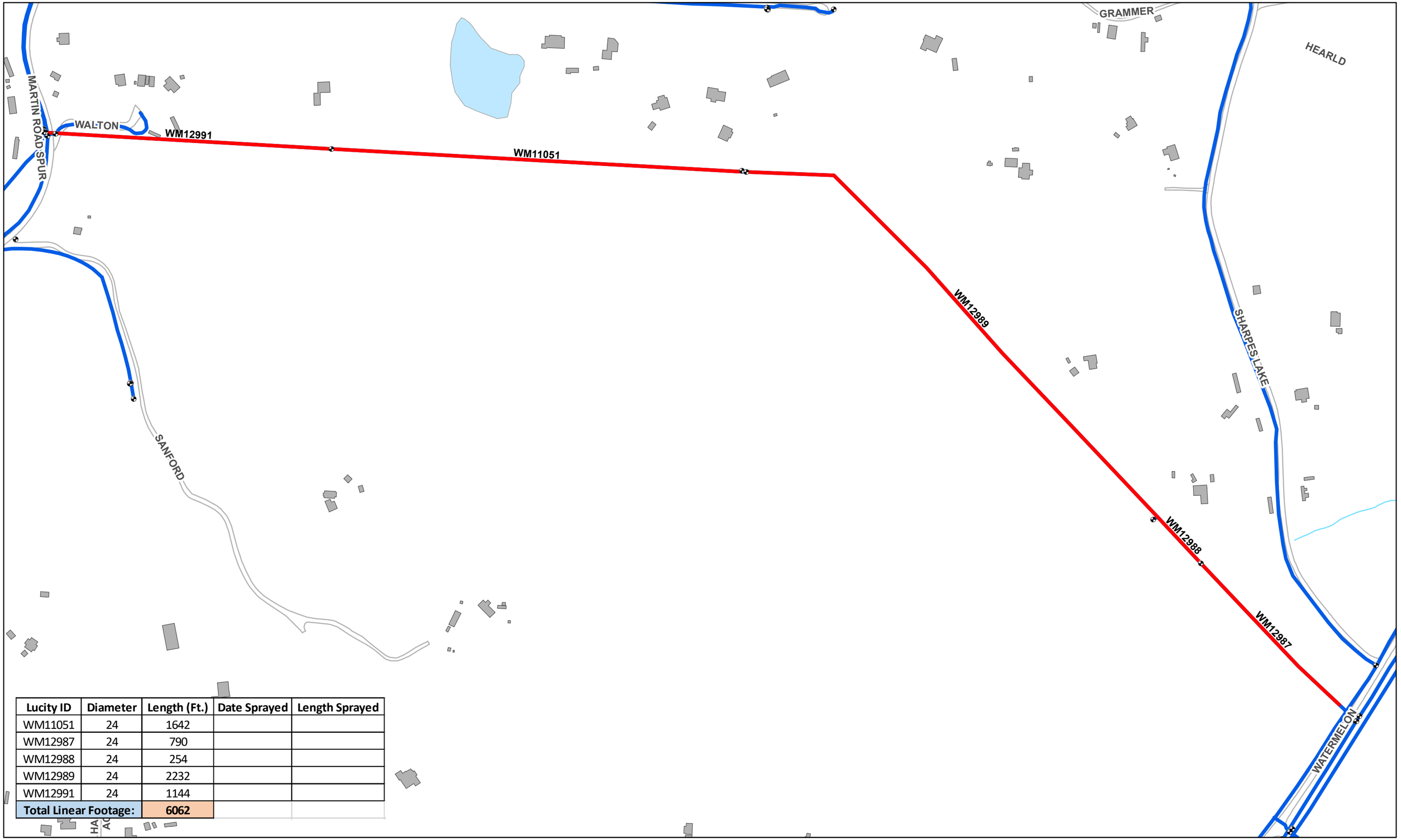
N

Legend
- Valves
- WaterLinesFinal
- Water Mains

2019 WATER ROW SPRAY NEEDS

0 175 350 700 1,050 1,400 Feet

Water-1



Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed
WM11051	24	1642		
WM12987	24	790		
WM12988	24	254		
WM12989	24	2232		
WM12991	24	1144		
Total Linear Footage:		**6062**		

CITY OF TUSCALOOSA ALABAMA

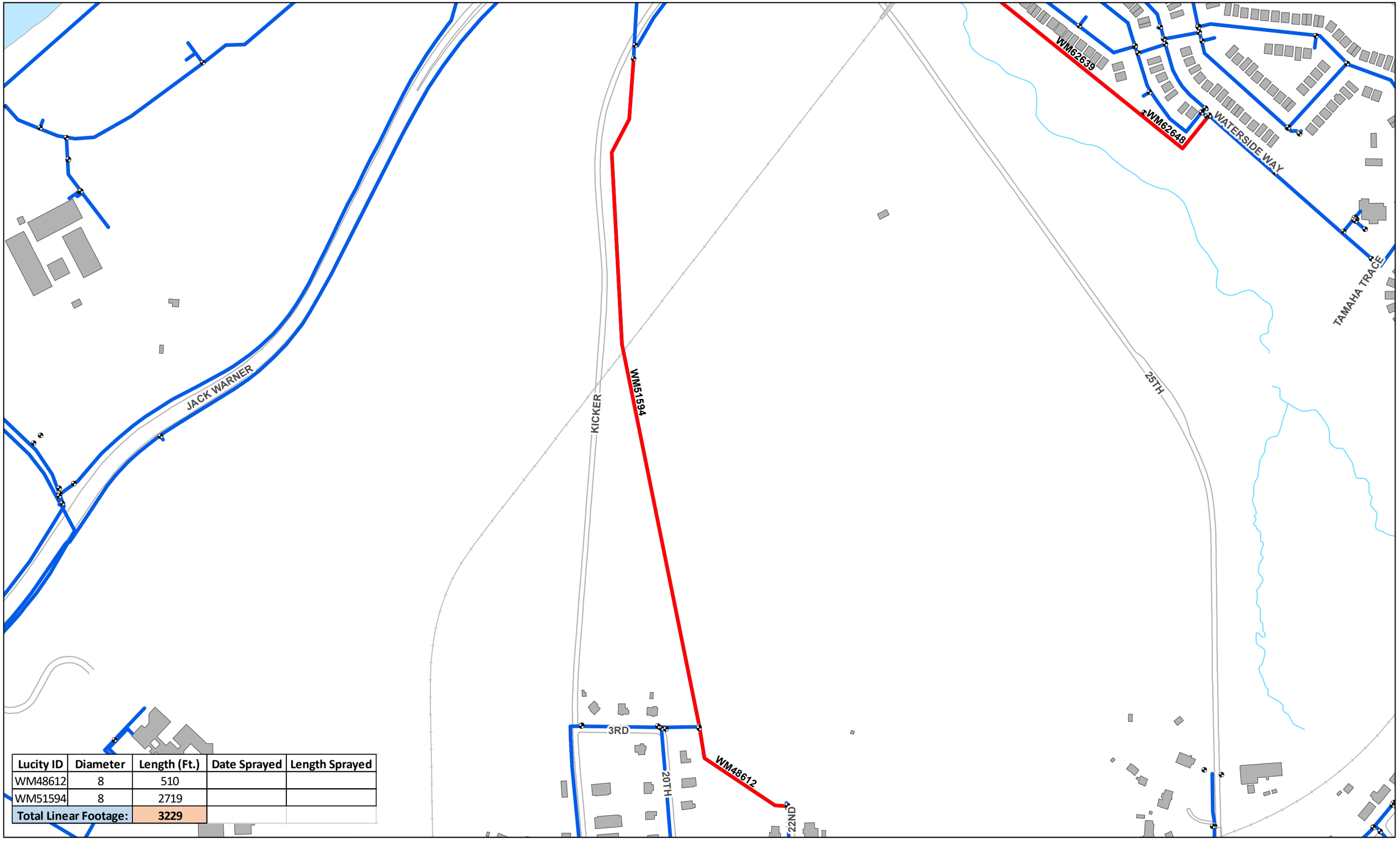
N

Legend
- Valves
- WaterLinesFinal
- Water Mains

2019 WATER ROW SPRAY NEEDS

0 175 350 700 1,050 1,400 Feet

Water-2



Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed
WM48612	8	510		
WM51594	8	2719		
Total Linear Footage:		**3229**		

Legend
- Valves
- WaterLinesFinal
- Water Mains

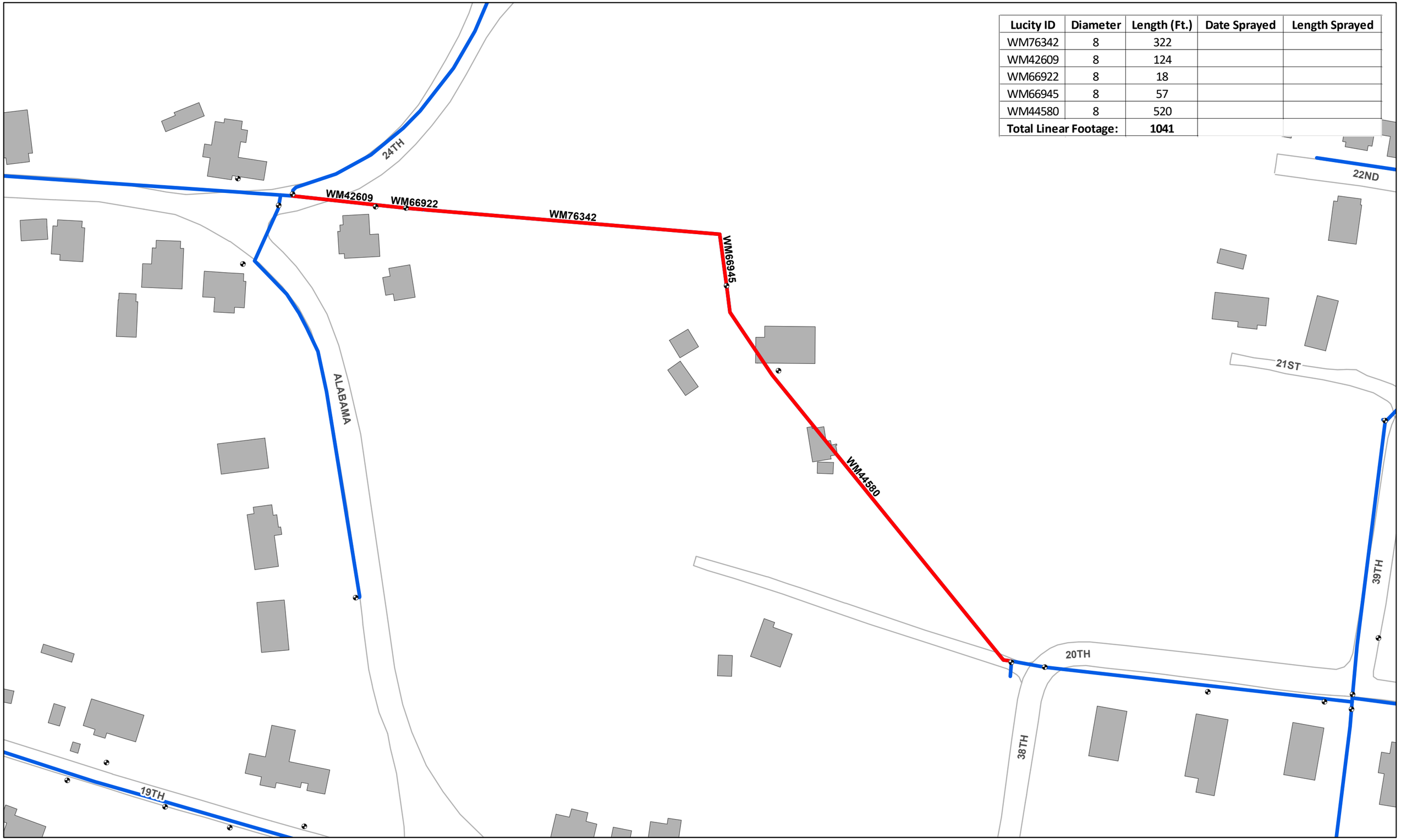
N

2019 WATER ROW SPRAY NEEDS

0 175 350 700 1,050 1,400 Feet

Water-3

Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed
WM76342	8	322		
WM42609	8	124		
WM66922	8	18		
WM66945	8	57		
WM44580	8	520		
Total Linear Footage:		**1041**		



Legend
- Valves
- WaterLinesFinal
- Water Mains

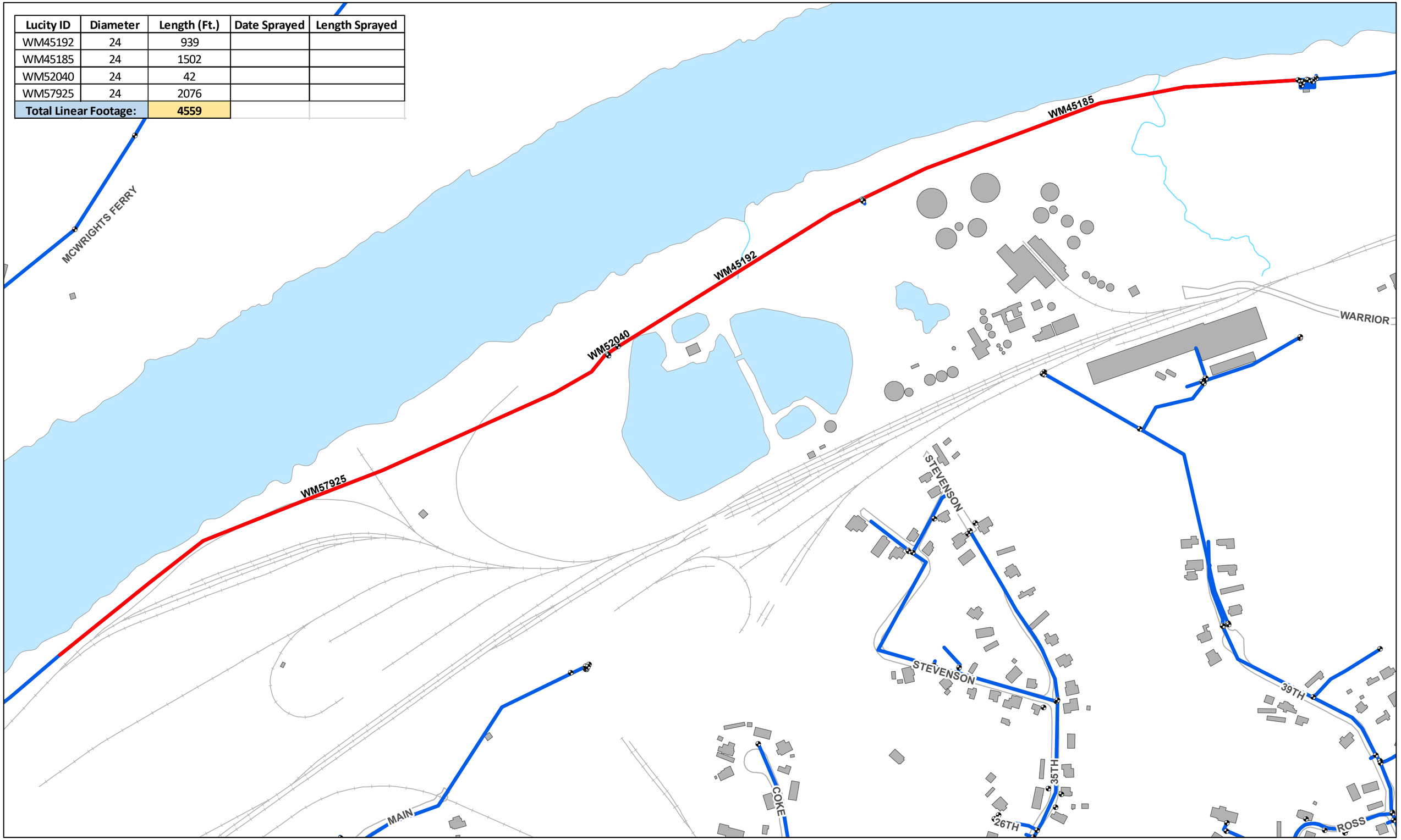
N

0 50 100 200 300 400 Feet

2019 WATER ROW SPRAY NEEDS

Water-4

Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed
WM45192	24	939		
WM45185	24	1502		
WM52040	24	42		
WM57925	24	2076		
Total Linear Footage:		**4559**		



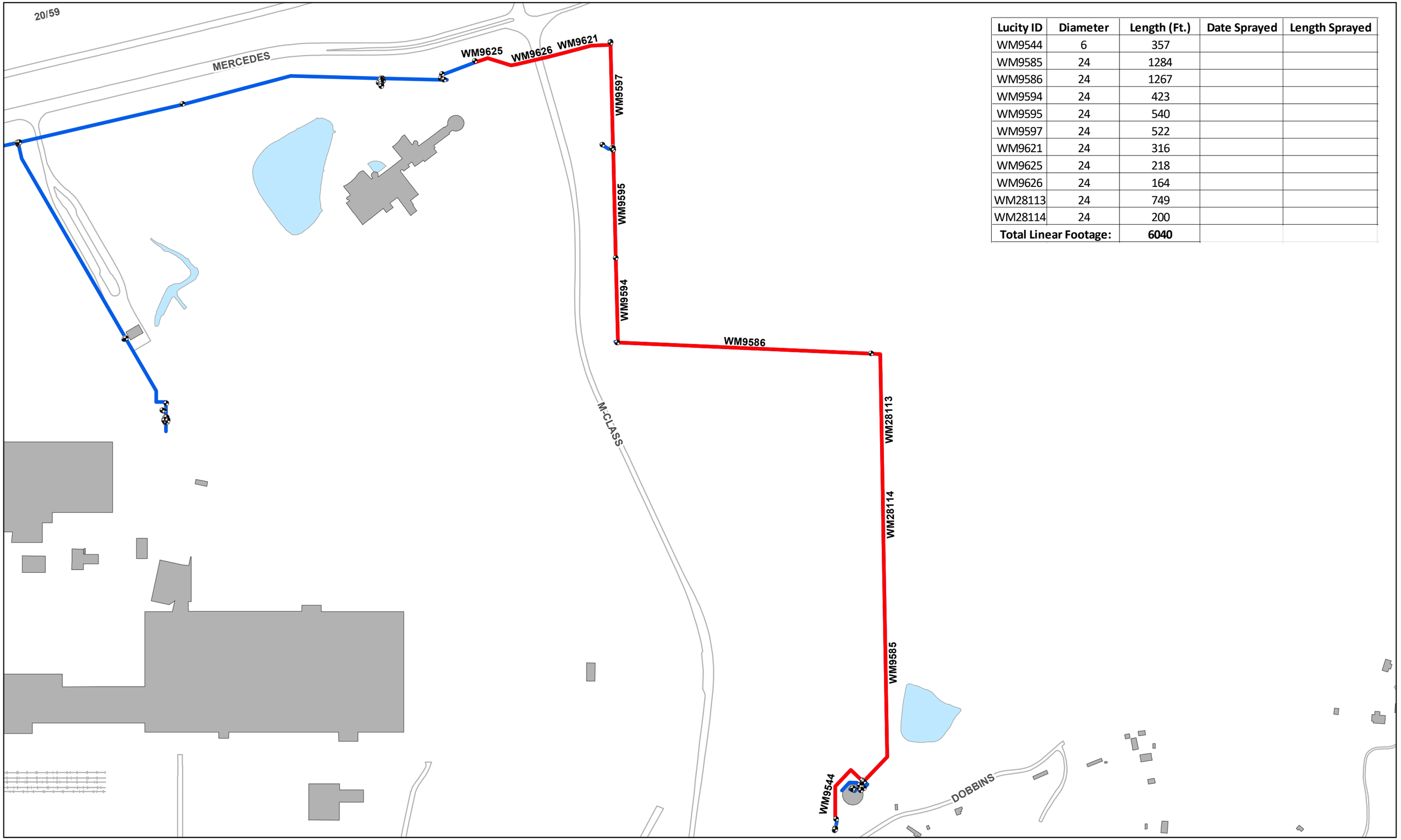
Legend
- Valves
- WaterLinesFinal
- Water Mains

N

2019 WATER ROW SPRAY NEEDS

0 150 300 600 900 1,200 Feet

Water-5



Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed
WM9544	6	357		
WM9585	24	1284		
WM9586	24	1267		
WM9594	24	423		
WM9595	24	540		
WM9597	24	522		
WM9621	24	316		
WM9625	24	218		
WM9626	24	164		
WM28113	24	749		
WM28114	24	200		
Total Linear Footage:		**6040**		

Legend
- Valves
- WaterLinesFinal
- Water Mains

N

2019 WATER ROW SPRAY NEEDS

0 200 400 800 1,200 1,600 Feet

Water-6

Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed	
WM24844	16	187			- North of the River
WM24844	16	155			- South of the River
Total Linear Footage:		**342**			

WM24844

STILLMAN

FAIRLAWN

51ST

FAIRLAWN

PLAINVIEW

FAIRLAWN

FAIRLAWN

PIEDMONT

SANDERS FERRY

62ND

CITY OF TUSCALOOSA ALABAMA

N

Legend

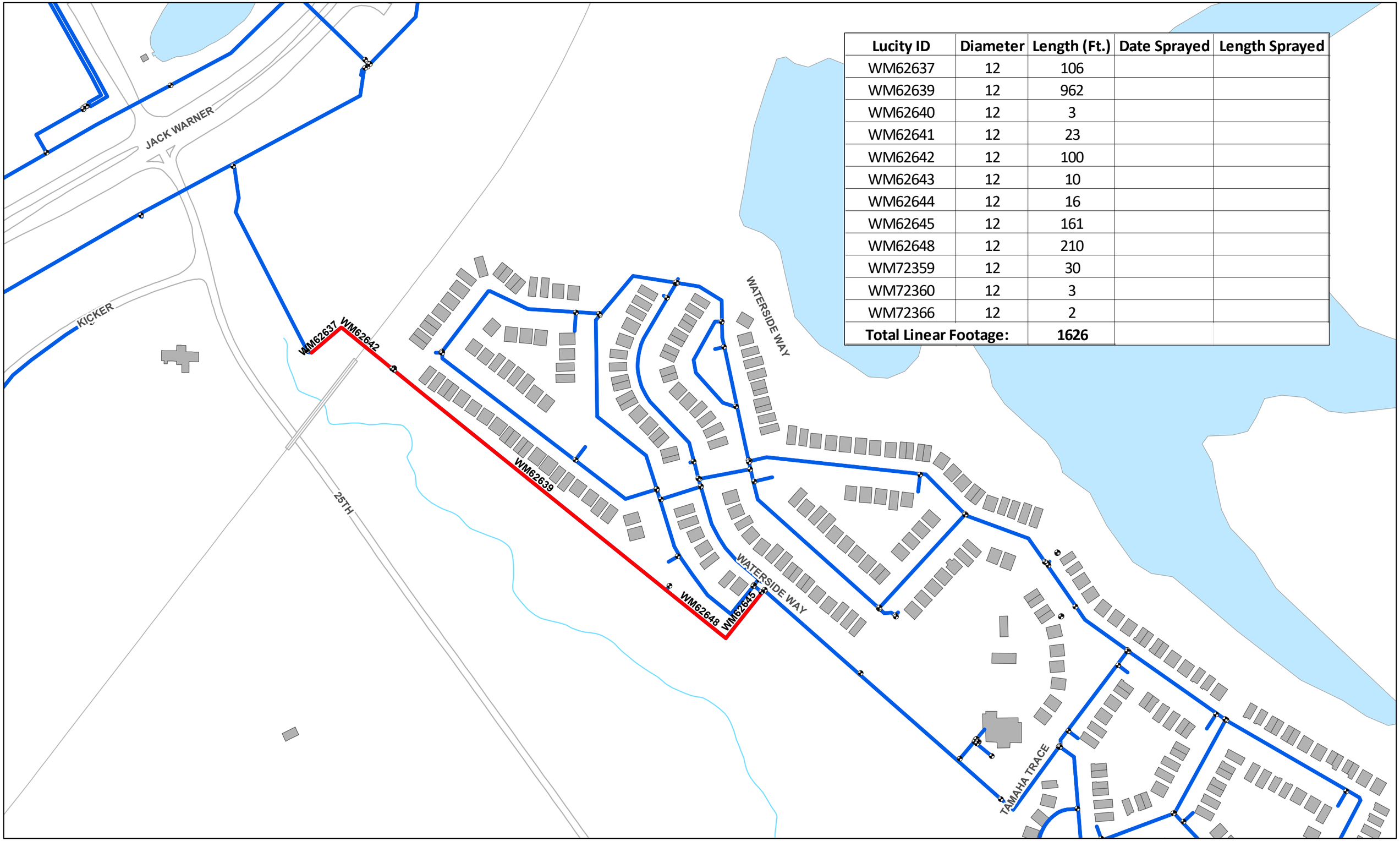
- Valves
- WaterLinesFinal
- Water Mains

2018 WATER ROW SPRAY NEEDS

0 150 300 600 900 1,200 Feet

Water-7

Lucity ID	Diameter	Length (Ft.)	Date Sprayed	Length Sprayed
WM62637	12	106		
WM62639	12	962		
WM62640	12	3		
WM62641	12	23		
WM62642	12	100		
WM62643	12	10		
WM62644	12	16		
WM62645	12	161		
WM62648	12	210		
WM72359	12	30		
WM72360	12	3		
WM72366	12	2		
Total Linear Footage:		**1626**		



Legend
- Valves
- WaterLinesFinal
- Water Mains

N

2018 WATER ROW SPRAY NEEDS

0 100 200 400 600 800 Feet

Water-8