

# City of Tuscaloosa 2022 ROW Spraying Map



**Project Summary:**

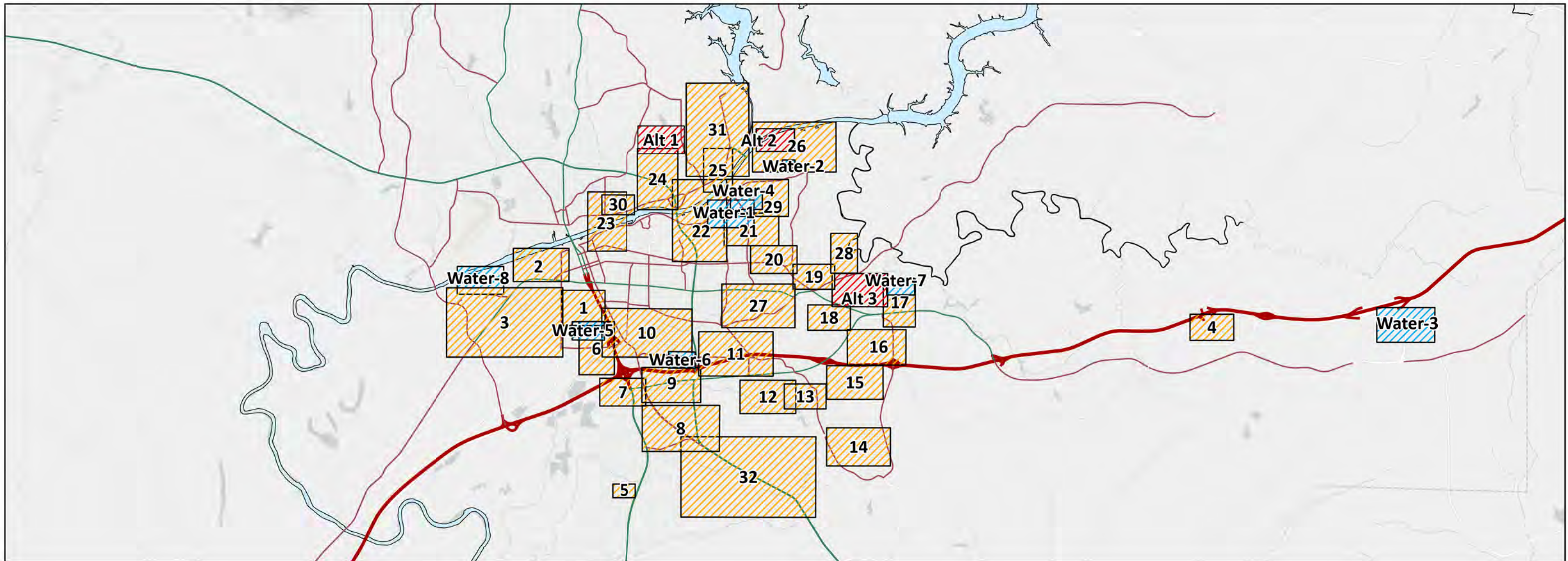
- It is the intent of this project to provide for herbicide services for utility ROW and various City properties, so as to control all vegetation growth except for Bermuda grass for a period of not less than seventy (70) days.
- The owner may or may not choose to include the work listed as additive alternates in the bid award.
- The decision to award additive alternatives will be determined on whether the bid is less than the project's approved budget.

**General Notes:**

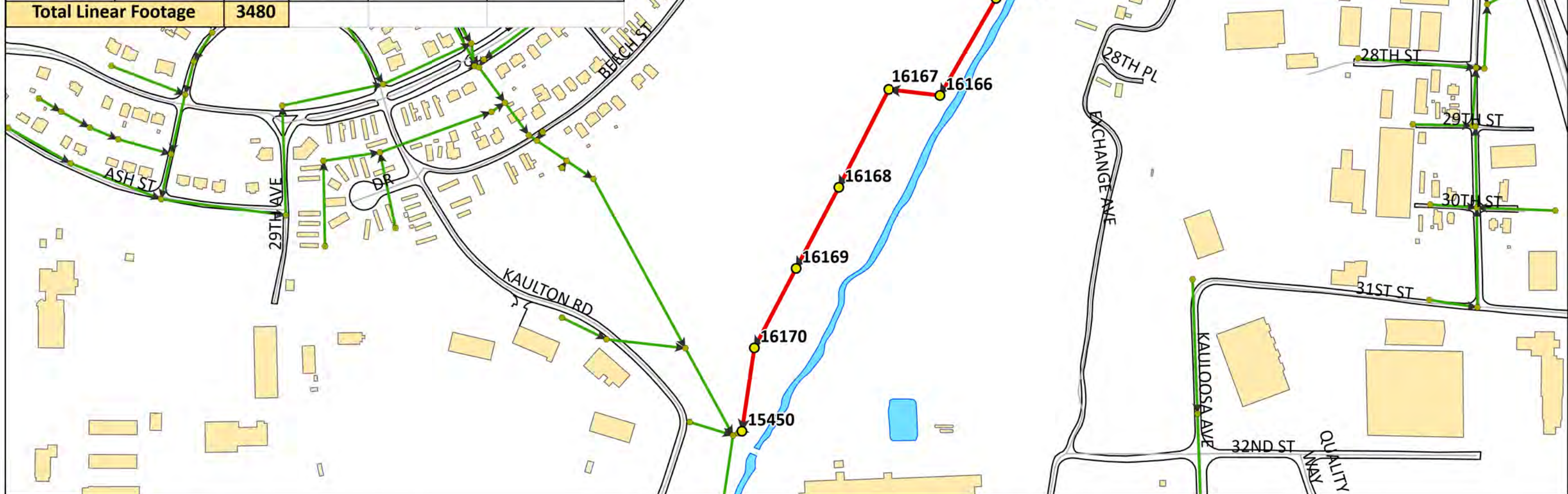
1. Contractor shall coordinate with local police and fire to maintain access for local residents and emergency vehicles at all times. All traffic control should meet MUTCD guidelines.
2. Contractor shall follow City of Tuscaloosa Job Hazard Analysis procedures.
3. The location of all existing underground 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: 274,777 (approximately 52.1 miles)
- Alternative Additive 1: 7,656
- Alternative Additive 2: 4,558
- Alternative Additive 3: 8,517
- Total: 295,508 (approximately 56 miles)

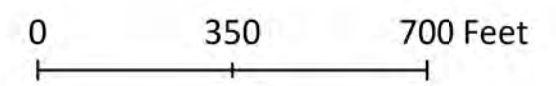


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
16160	16161	144	17094		
16161	16162	46	17092		
16162	16163	114	17091		
16163	16164	100	17098		
16164	16165	404	17097		
16165	16166	406	17096		
16166	16167	188	17095		
16167	16168	399	17099		
16168	16169	332	17100		
16169	16170	326	17101		
16170	15450	305	17102		
16175	16176	151	17107		
16176	16177	234	17108		
16177	16178	217	17109		
16178	16160	114	17093		
<b>Total Linear Footage</b>		<b>3480</b>			

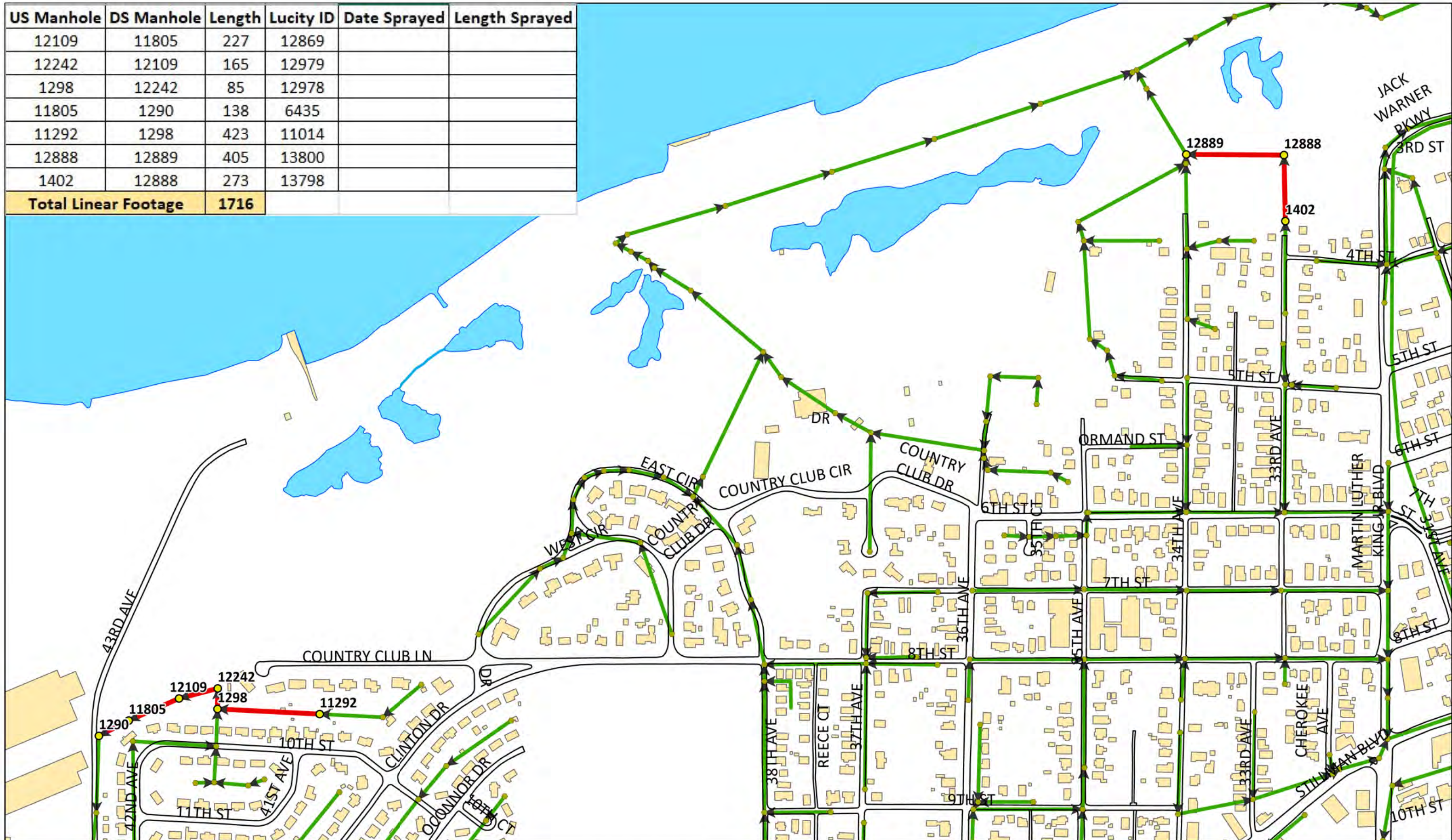


 Lines to Spray  
 Manholes

# 2022 ROW SPRAY NEEDS

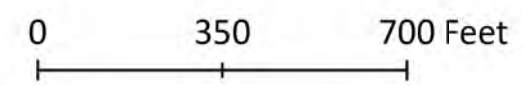


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
12109	11805	227	12869		
12242	12109	165	12979		
1298	12242	85	12978		
11805	1290	138	6435		
11292	1298	423	11014		
12888	12889	405	13800		
1402	12888	273	13798		
<b>Total Linear Footage</b>		<b>1716</b>			

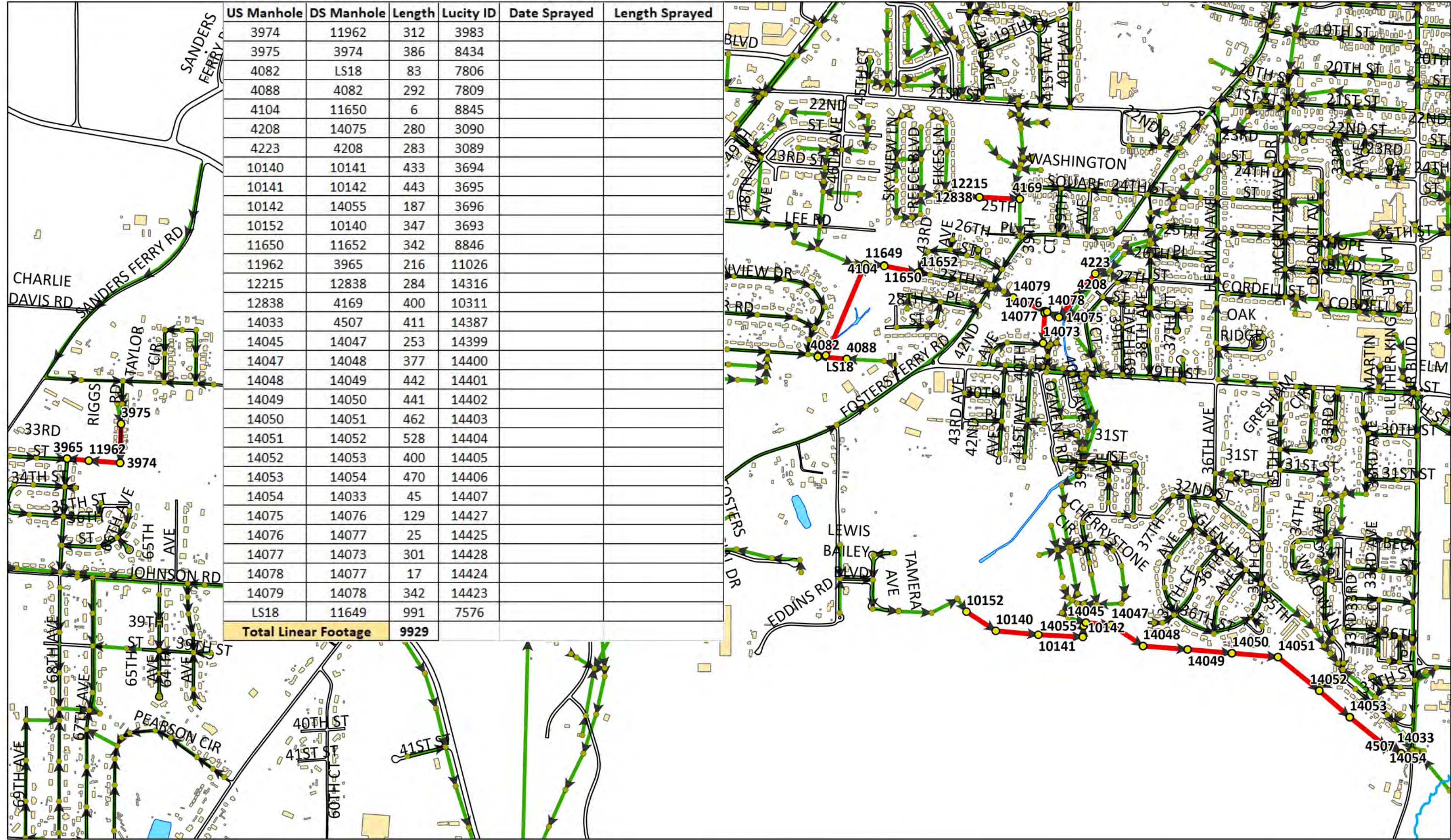


- Manholes
- ➔ Lines to Spray

## 2022 ROW SPRAY NEEDS



US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
3974	11962	312	3983		
3975	3974	386	8434		
4082	LS18	83	7806		
4088	4082	292	7809		
4104	11650	6	8845		
4208	14075	280	3090		
4223	4208	283	3089		
10140	10141	433	3694		
10141	10142	443	3695		
10142	14055	187	3696		
10152	10140	347	3693		
11650	11652	342	8846		
11962	3965	216	11026		
12215	12838	284	14316		
12838	4169	400	10311		
14033	4507	411	14387		
14045	14047	253	14399		
14047	14048	377	14400		
14048	14049	442	14401		
14049	14050	441	14402		
14050	14051	462	14403		
14051	14052	528	14404		
14052	14053	400	14405		
14053	14054	470	14406		
14054	14033	45	14407		
14075	14076	129	14427		
14076	14077	25	14425		
14077	14073	301	14428		
14078	14077	17	14424		
14079	14078	342	14423		
LS18	11649	991	7576		
<b>Total Linear Footage</b>		<b>9929</b>			

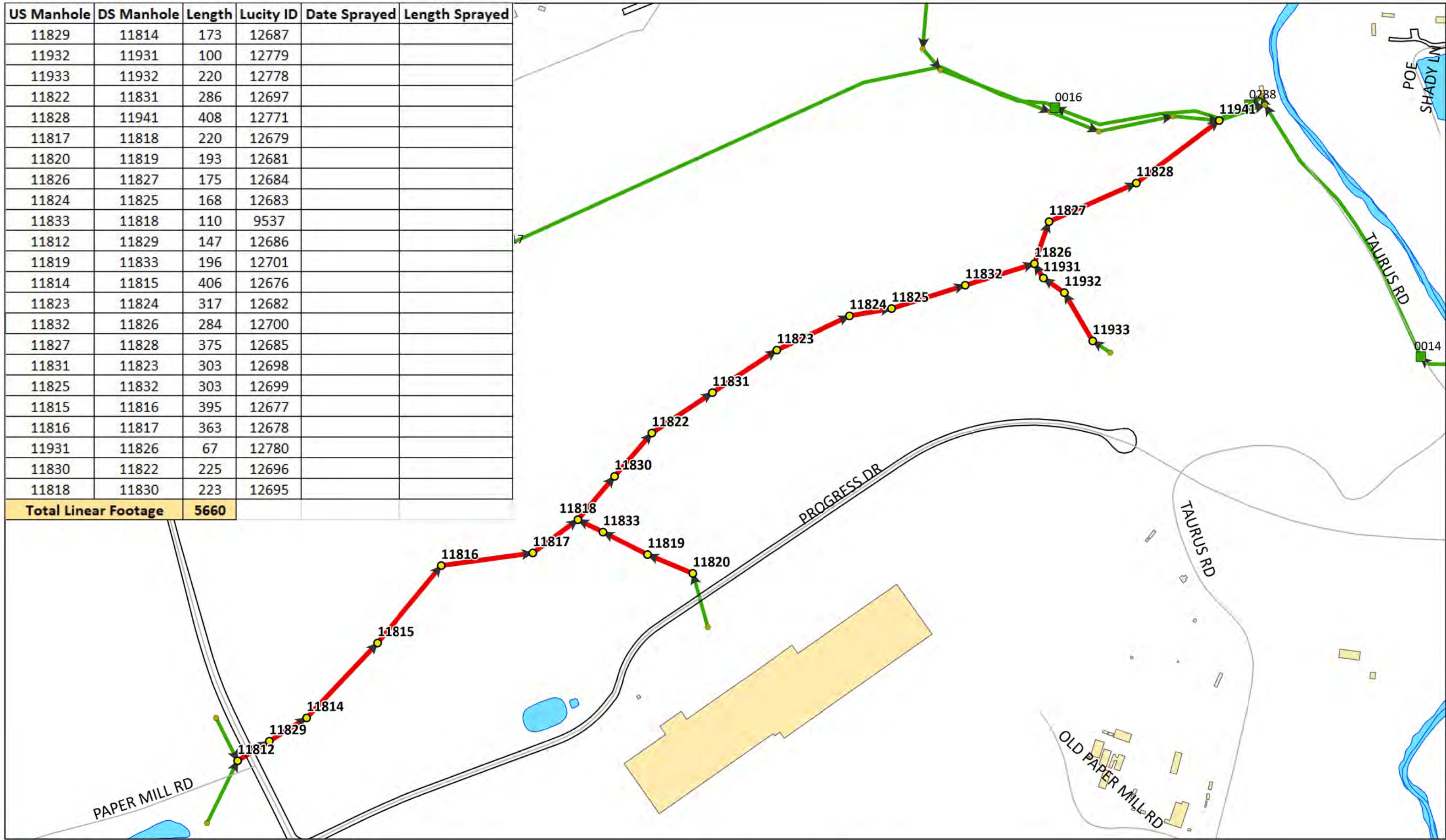


- Manholes
- ➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

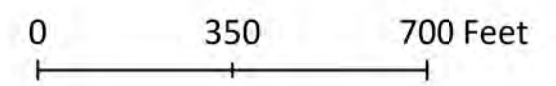
0 1,000 2,000 Feet

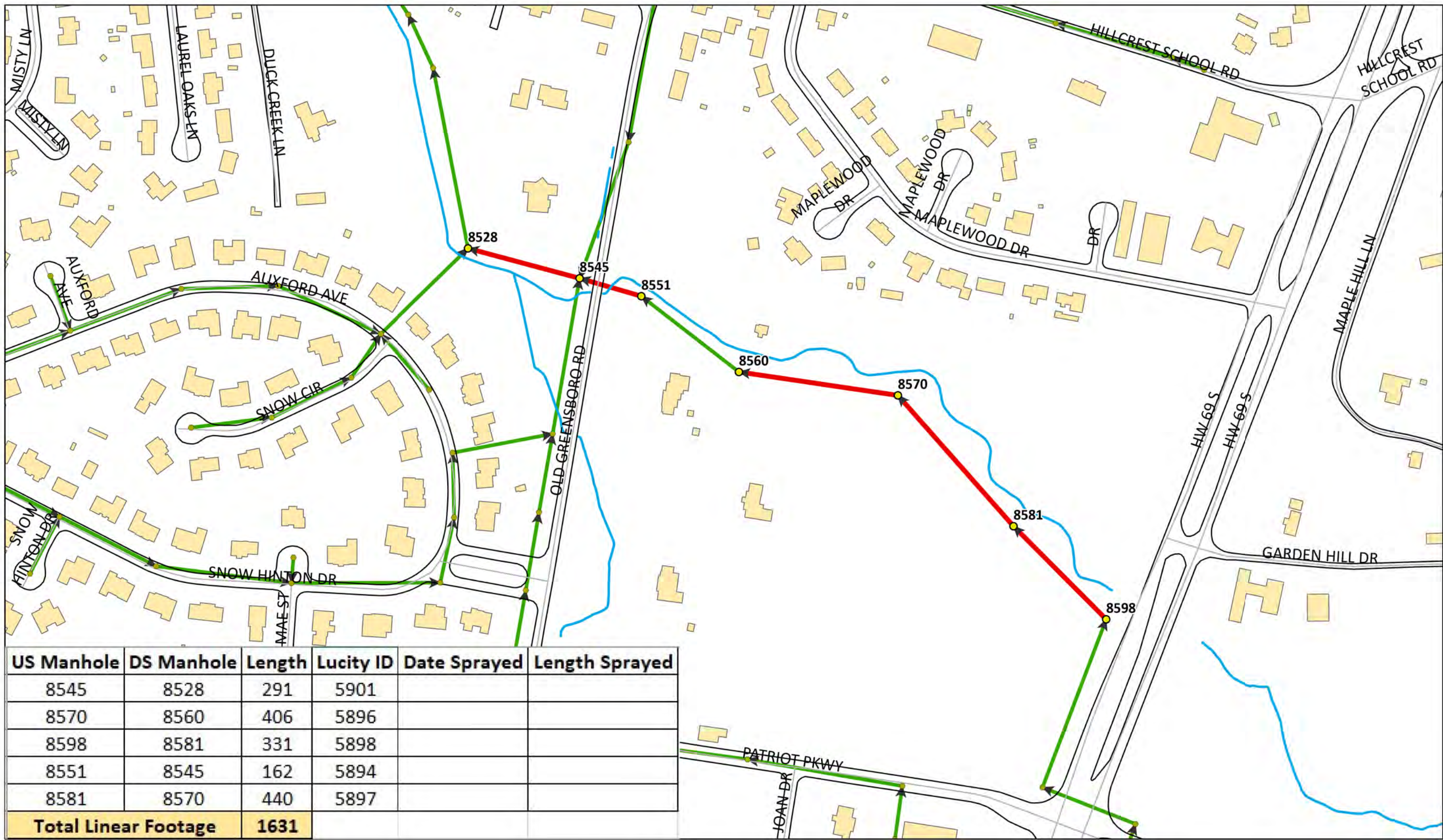
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
11829	11814	173	12687		
11932	11931	100	12779		
11933	11932	220	12778		
11822	11831	286	12697		
11828	11941	408	12771		
11817	11818	220	12679		
11820	11819	193	12681		
11826	11827	175	12684		
11824	11825	168	12683		
11833	11818	110	9537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



● Manholes  
➔ Lines to Spray

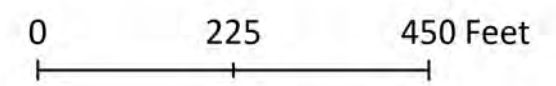
## 2022 ROW SPRAY NEEDS

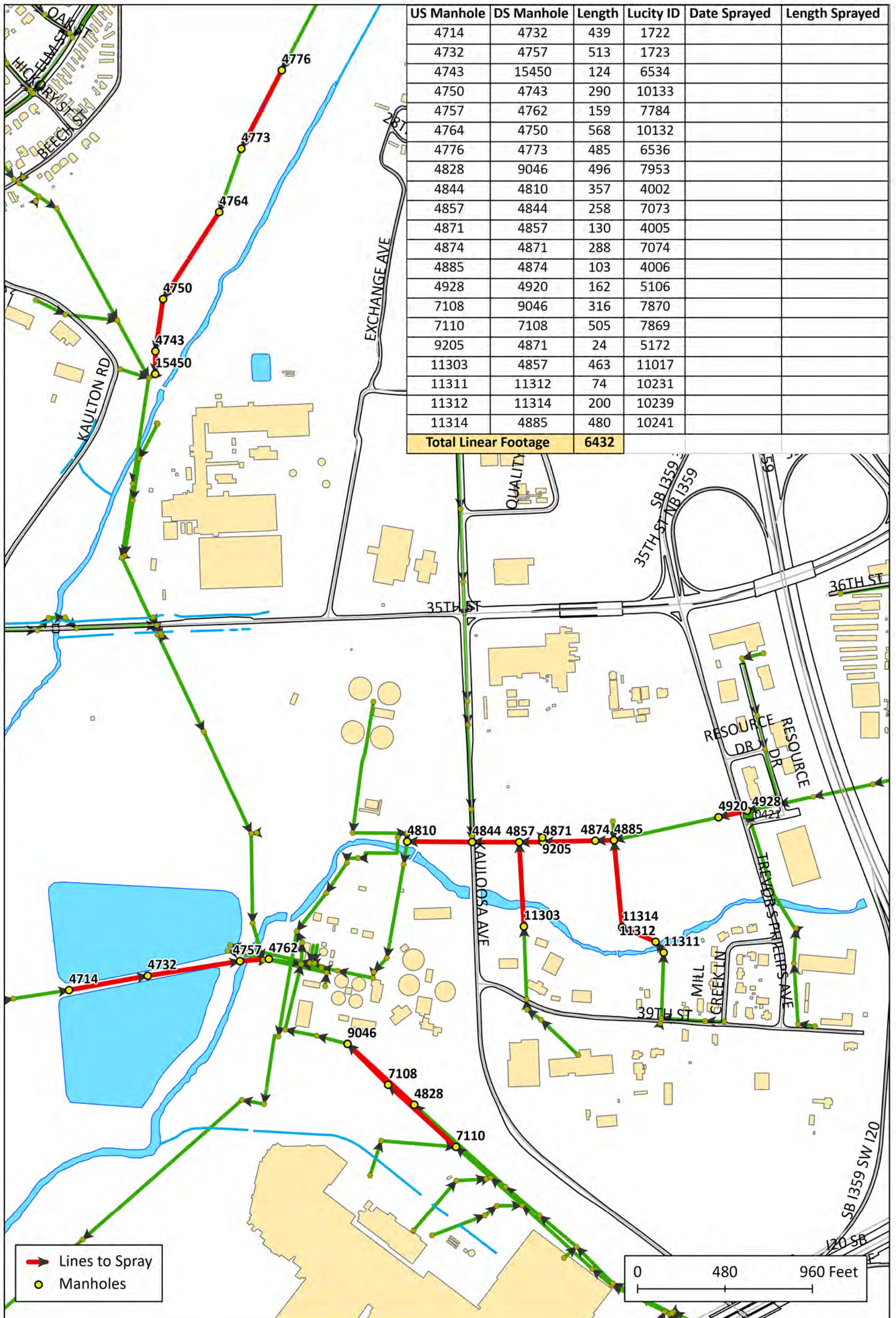




- Manholes
- ➔ Lines to Spray

## 2022 ROW SPRAY NEEDS





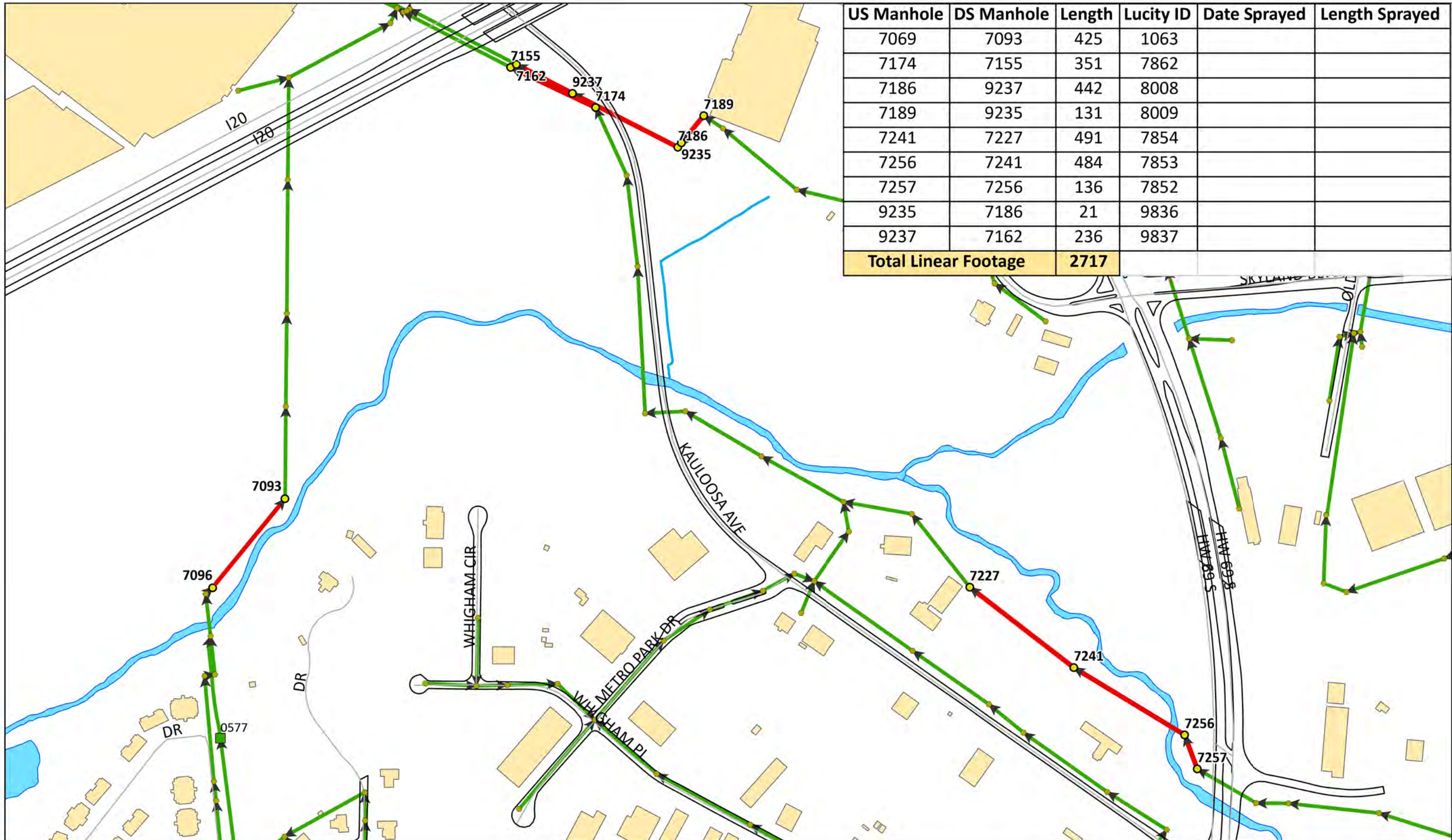
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
4714	4732	439	1722		
4732	4757	513	1723		
4743	15450	124	6534		
4750	4743	290	10133		
4757	4762	159	7784		
4764	4750	568	10132		
4776	4773	485	6536		
4828	9046	496	7953		
4844	4810	357	4002		
4857	4844	258	7073		
4871	4857	130	4005		
4874	4871	288	7074		
4885	4874	103	4006		
4928	4920	162	5106		
7108	9046	316	7870		
7110	7108	505	7869		
9205	4871	24	5172		
11303	4857	463	11017		
11311	11312	74	10231		
11312	11314	200	10239		
11314	4885	480	10241		
<b>Total Linear Footage</b>		<b>6432</b>			





# 2022 ROW SPRAY NEEDS



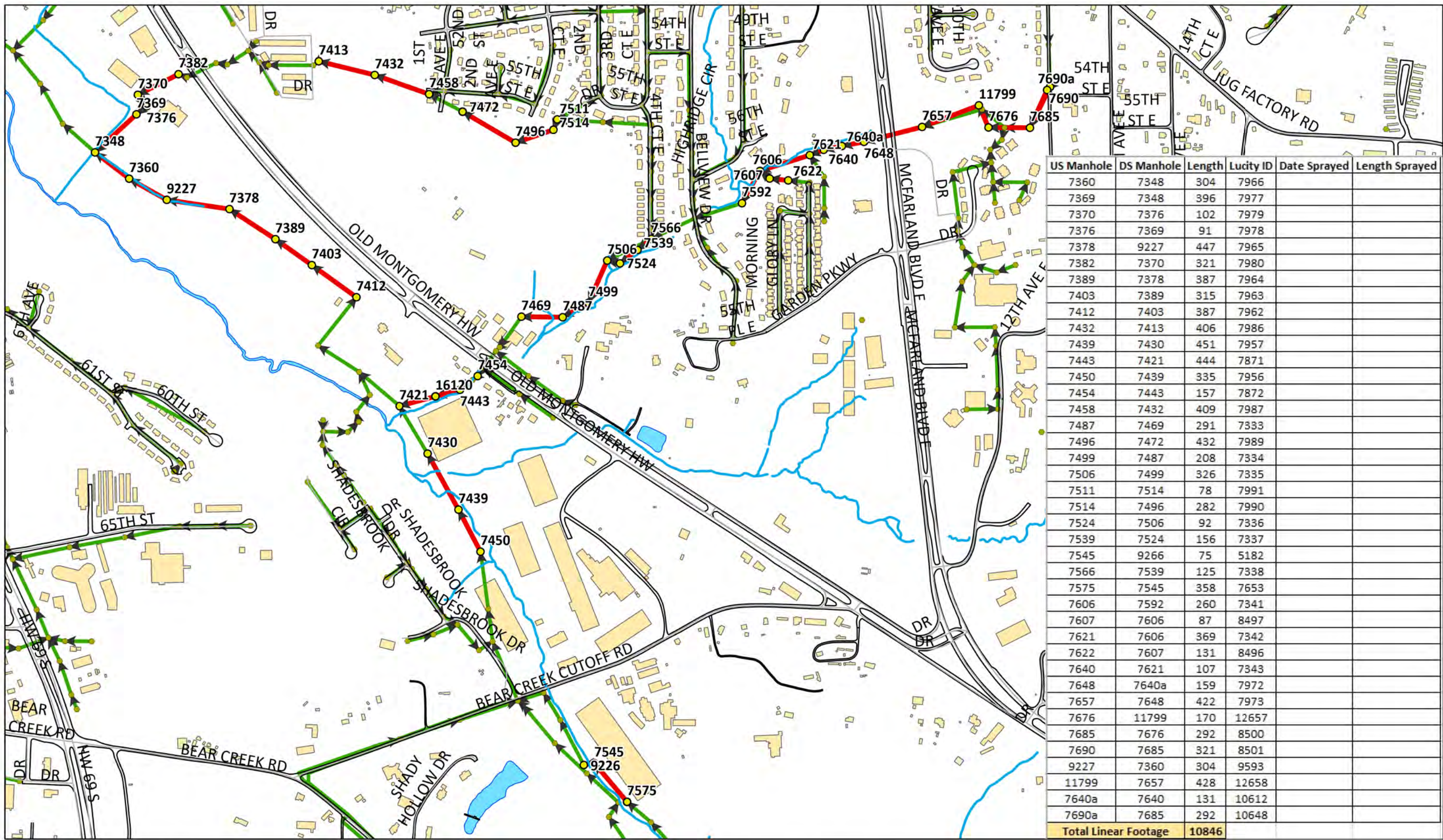
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
7069	7093	425	1063		
7174	7155	351	7862		
7186	9237	442	8008		
7189	9235	131	8009		
7241	7227	491	7854		
7256	7241	484	7853		
7257	7256	136	7852		
9235	7186	21	9836		
9237	7162	236	9837		
<b>Total Linear Footage</b>		<b>2717</b>			



 Lines to Spray  
 Manholes

## 2022 ROW SPRAY NEEDS

0 350 700 Feet

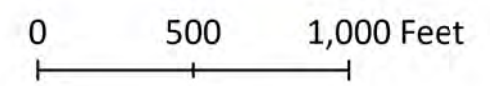


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
7360	7348	304	7966		
7369	7348	396	7977		
7370	7376	102	7979		
7376	7369	91	7978		
7378	9227	447	7965		
7382	7370	321	7980		
7389	7378	387	7964		
7403	7389	315	7963		
7412	7403	387	7962		
7432	7413	406	7986		
7439	7430	451	7957		
7443	7421	444	7871		
7450	7439	335	7956		
7454	7443	157	7872		
7458	7432	409	7987		
7487	7469	291	7333		
7496	7472	432	7989		
7499	7487	208	7334		
7506	7499	326	7335		
7511	7514	78	7991		
7514	7496	282	7990		
7524	7506	92	7336		
7539	7524	156	7337		
7545	9266	75	5182		
7566	7539	125	7338		
7575	7545	358	7653		
7606	7592	260	7341		
7607	7606	87	8497		
7621	7606	369	7342		
7622	7607	131	8496		
7640	7621	107	7343		
7648	7640a	159	7972		
7657	7648	422	7973		
7676	11799	170	12657		
7685	7676	292	8500		
7690	7685	321	8501		
9227	7360	304	9593		
11799	7657	428	12658		
7640a	7640	131	10612		
7690a	7685	292	10648		
<b>Total Linear Footage</b>		<b>10846</b>			

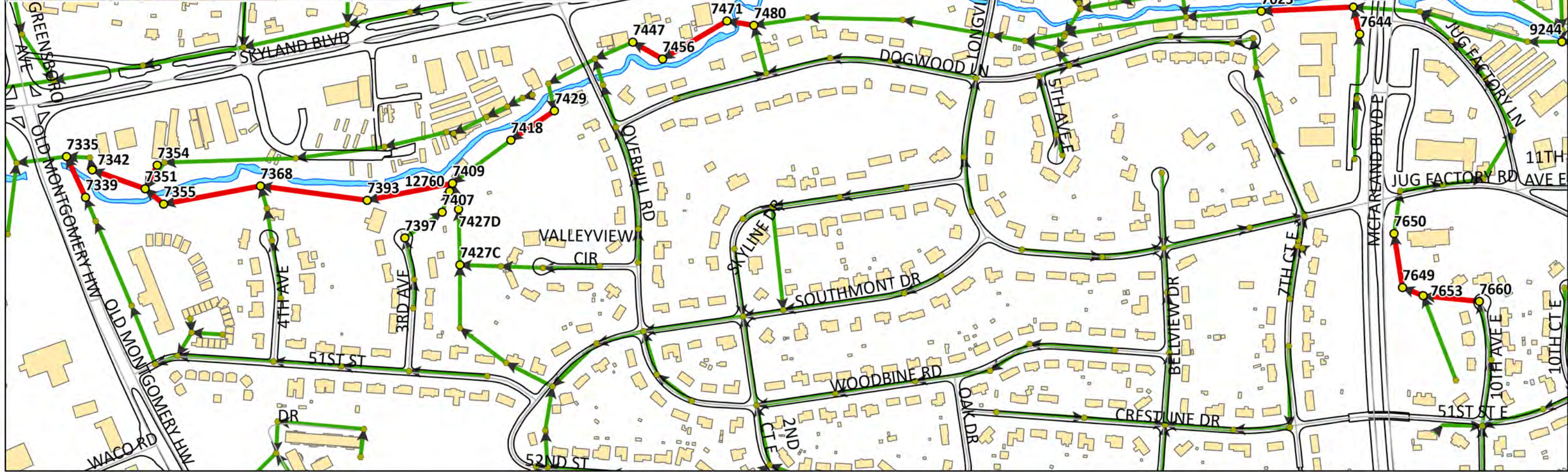


● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

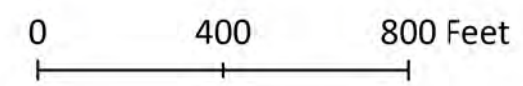


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
7368	7355	428	7926		
7429	7418	229	7922		
7409	7393	381	7924		
7354	7351	115	7929		
7480	7471	119	7916		
7339	7335	196	7948		
7355	7351	105	7927		
7471	7456	325	7917		
7649	7650	238	3560		
7393	7368	469	7925		
7660	7653	246	3562		
7642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



- Manholes
- ➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

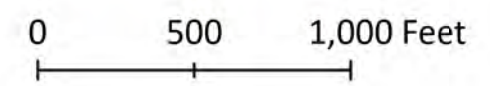


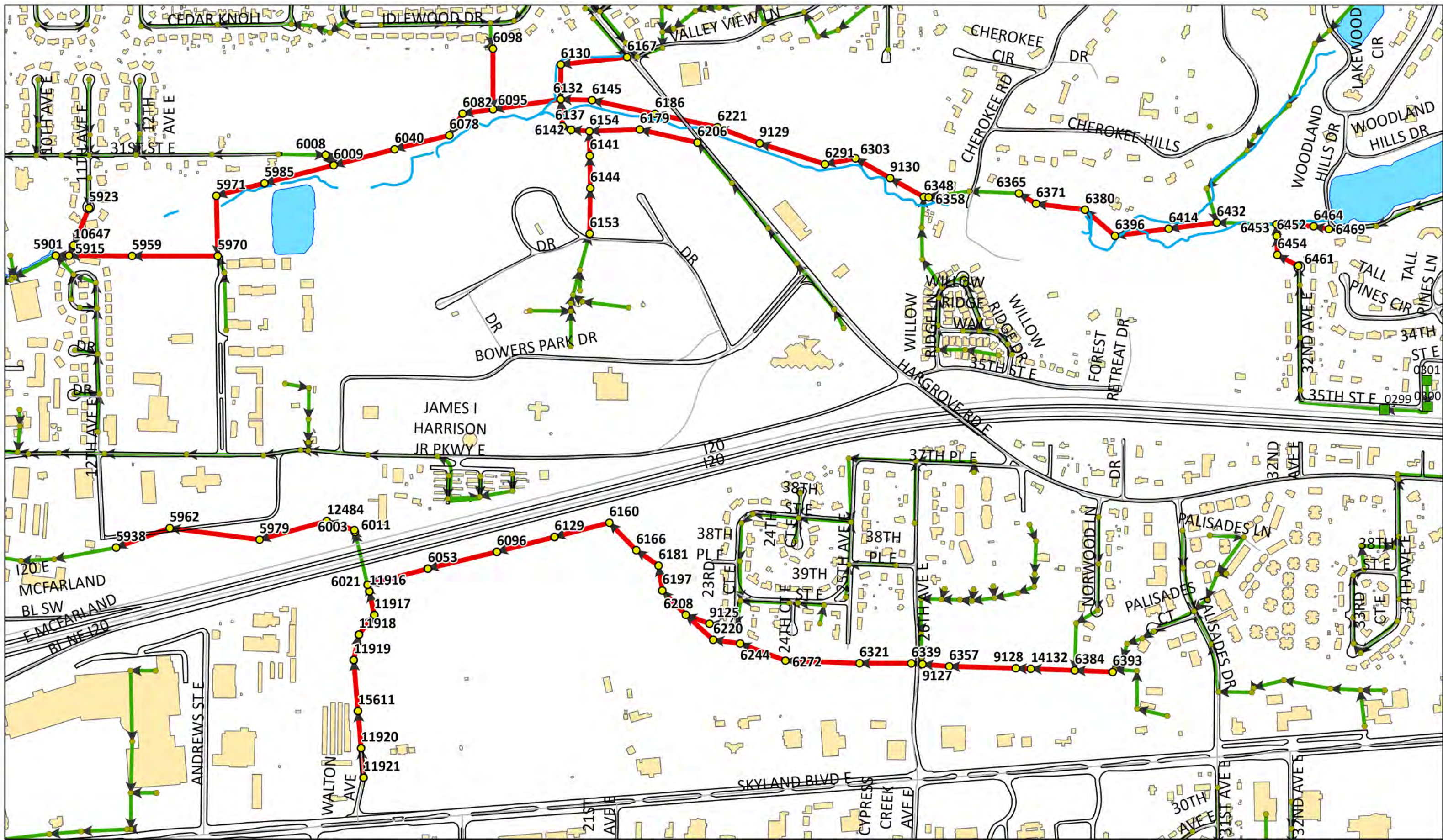
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
5354	12496	245	9717		
5377	5375	127	8415		
5401	5377	371	8414		
5431	5401	546	4673		
5462	5431	432	4685		
5491	5462	353	4698		
5499	5491	329	4697		
5567	5542	171	4382		
5571	5567	61	4383		
5587	5571	86	4384		
5596	5587	143	4385		
5649	5596	484	4387		
5723	9214	107	9588		
5728	5723	41	4394		
5741	5728	274	4399		
5766	5741	339	4400		
5781	5766	340	4401		
9214	5649	462	4393		
12496	5377	146	9718		
5204C	5204D	334	11060		
5204D	5204E	153	11066		
5419a	5375	240	10887		
<b>Total Linear Footage</b>		<b>5785</b>			



- Manholes
- ➔ Lines to Spray

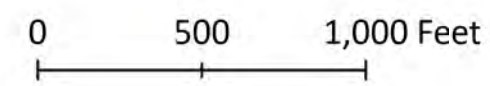
## 2022 ROW SPRAY NEEDS



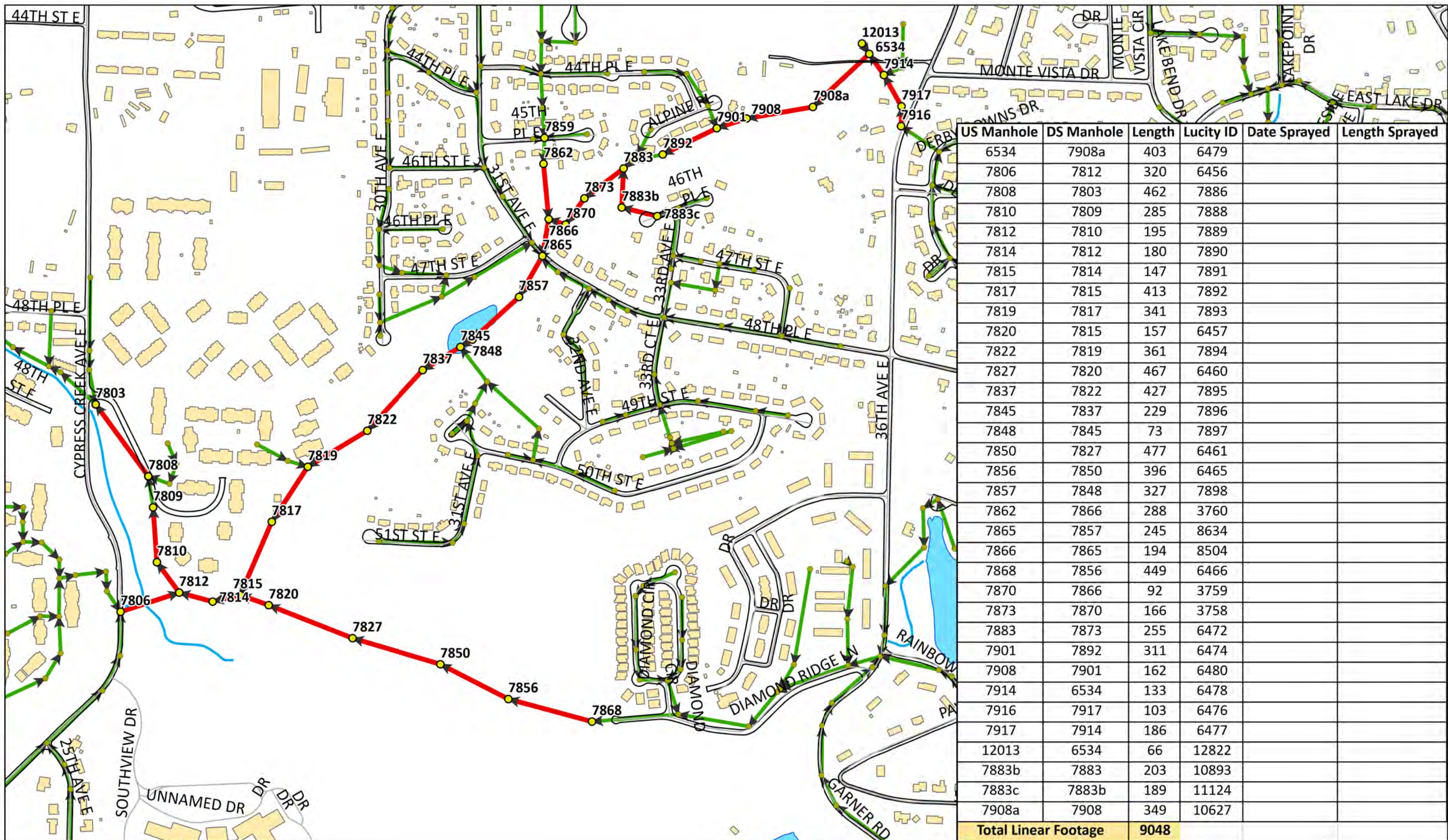


- Manholes
- Lines to Spray

## 2022 ROW SPRAY NEEDS

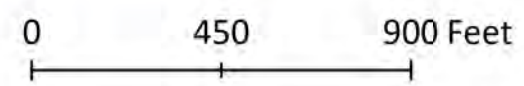


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
5915	5901	89	4426		
5923	10647	270	475		
5959	5915	421	4428		
5962	5938	381	4990		
5970	5959	572	4429		
5971	5970	402	4430		
5979	5962	605	4989		
5985	5971	333	4431		
6003	12484	193	3651		
6008	6009	86	4433		
6009	5985	477	4432		
6040	6009	421	7635		
6053	6021	419	4986		
6078	6040	380	4434		
6082	6078	170	4435		
6095	6082	205	4436		
6096	6053	474	7630		
6098	6095	406	4437		
6011	6003	14	4988		
6129	6096	398	4985		
6130	6132	232	4439		
6132	6095	456	4438		
6137	6132	180	5007		
6141	6154	164	5008		
6142	6137	62	7616		
6144	6141	217	5009		
6145	6132	210	5023		
6153	6144	304	5010		
6154	6142	123	5015		
6160	6129	378	4984		
6166	6160	257	4983		
6167	6130	446	5037		
6179	6154	336	5016		
6181	6166	181	4982		
6186	6145	430	5024		
6197	6181	168	4981		
6206	6179	395	5017		
6208	6197	227	4980		
6220	6208	248	3512		
6221	6186	427	5025		
6244	6220	182	3513		
6272	6244	324	3520		
6291	9129	461	5026		
6303	6291	208	5027		
6321	6272	497	3514		
6339	6321	346	3515		
6348	9130	258	5028		
6357	9127	179	3516		
6358	6348	32	5029		
6371	6365	134	5032		
6380	6371	329	5035		
6384	14132	293	3517		
6393	6384	253	3518		
6396	6380	266	5036		
6414	6396	361	5033		
6432	6414	323	5034		
6452	6453	79	4790		
6454	6452	127	4791		
6461	6454	159	4792		
6464	6453	249	4793		
6469	6464	103	4794		
9125	6208	169	4966		
9128	6357	445	9302		
9129	6221	301	9300		
9130	6303	267	9299		
10647	5915	76	476		
11916	6021	46	12761		
11917	11916	161	12759		
11918	11917	166	12758		
11919	11918	173	12757		
11920	15611	249	16402		
11921	11920	197	12755		
12484	5979	466	13180		
14132	9128	100	14538		
15611	11919	342	12756		
<b>Total Linear Footage</b>		<b>20481</b>			



Manholes  
 Lines to Spray

# 2022 ROW SPRAY NEEDS

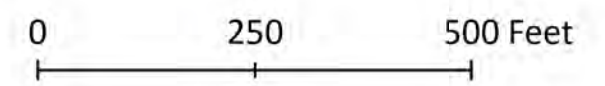


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
8026	8023	148	6484		
8023	8020	256	6485		
8027	8026	202	6483		
8040	8027	295	6482		
<b>Total Linear Footage</b>		<b>900</b>			

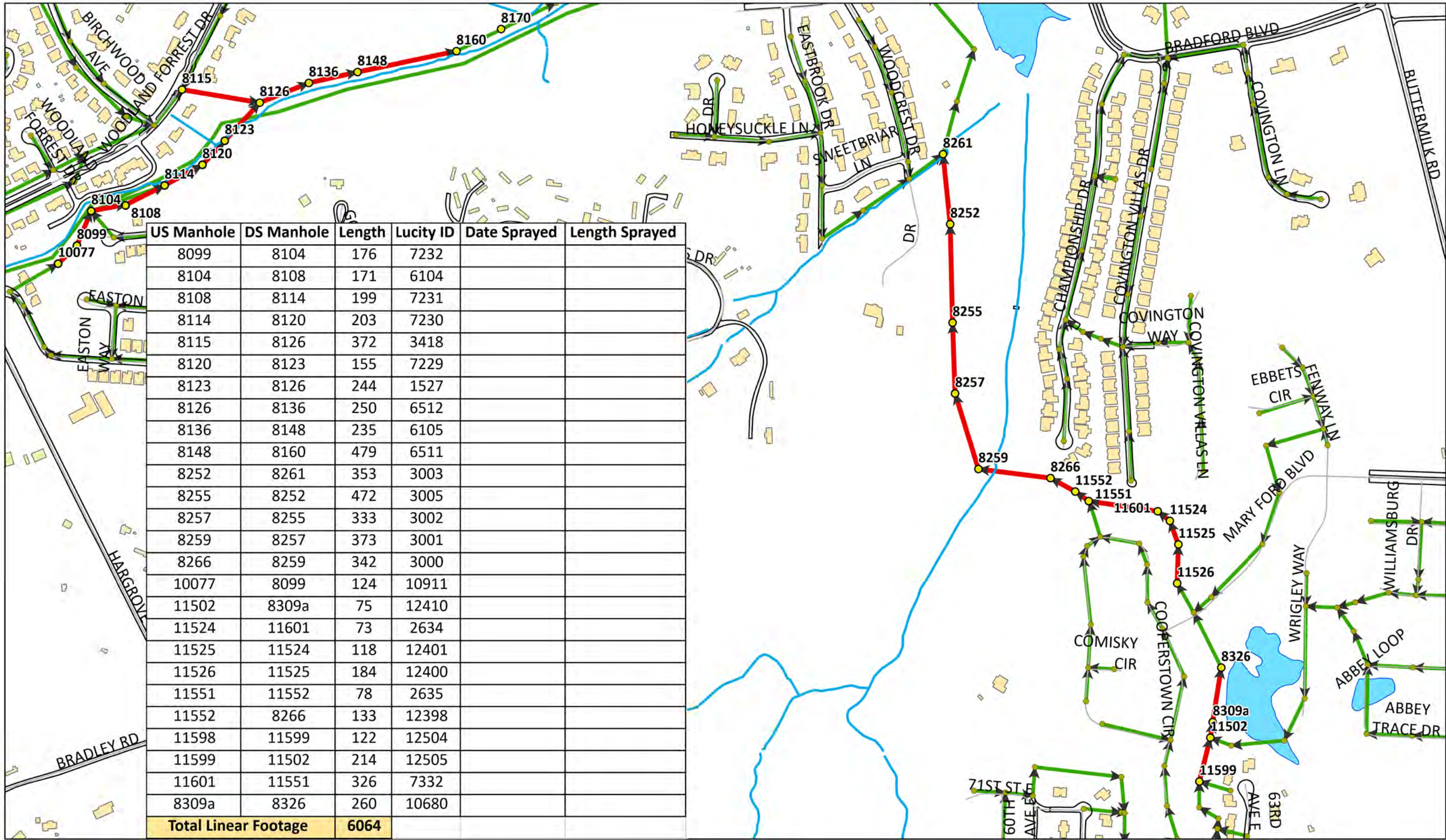


● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

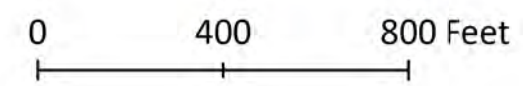


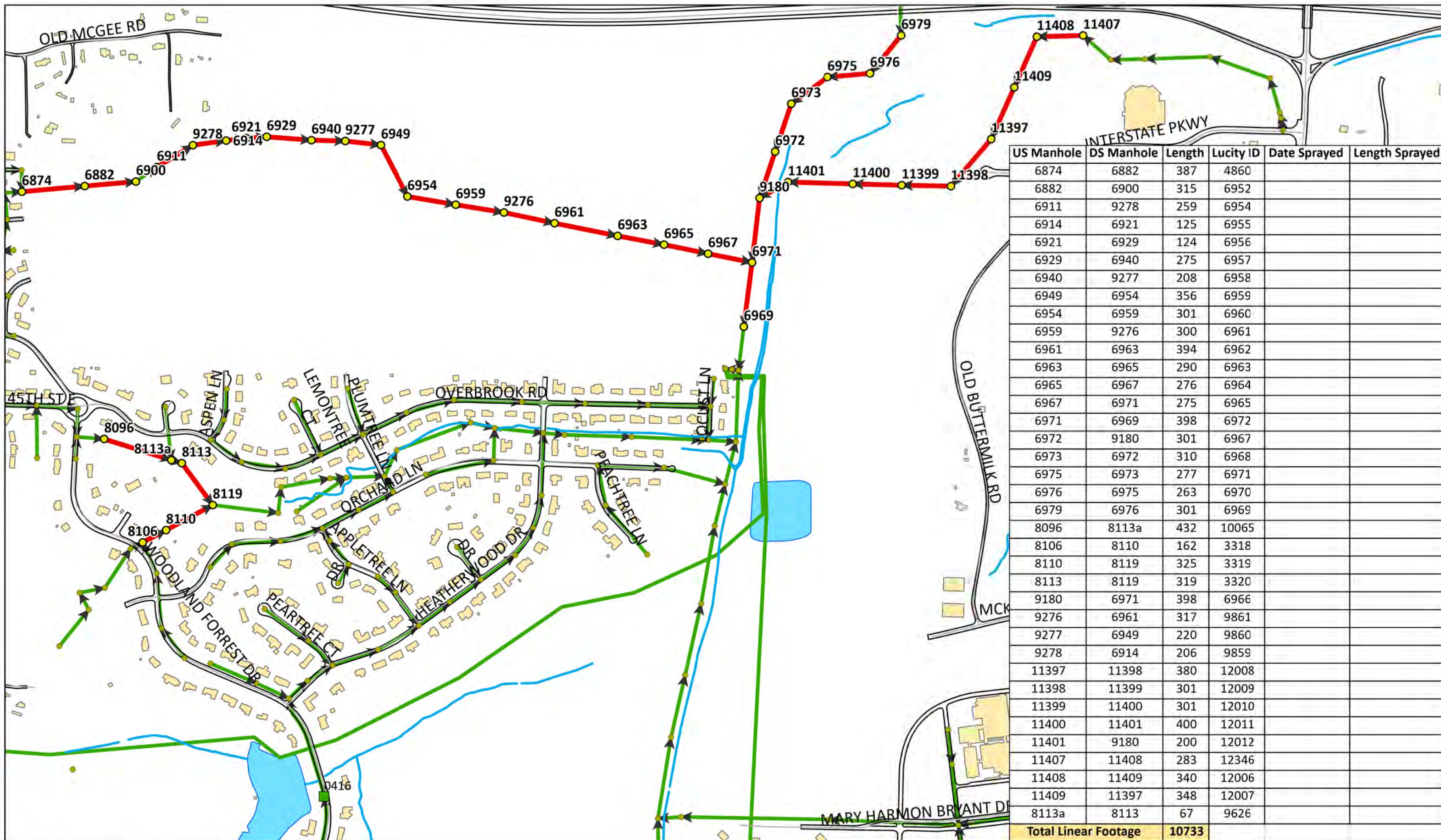




- Manholes
- ➔ Lines to Spray

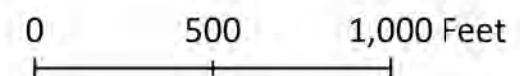
## 2022 ROW SPRAY NEEDS



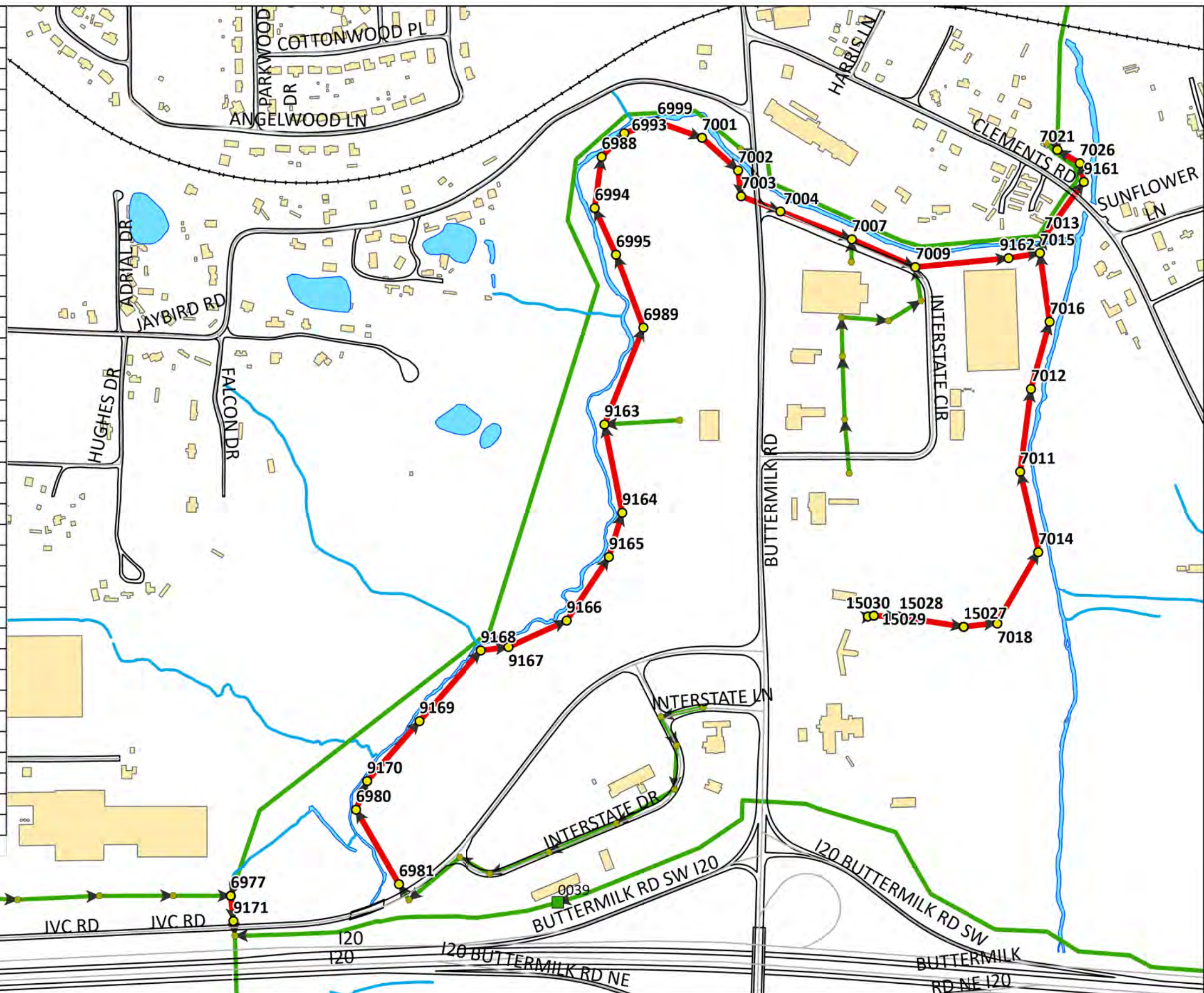


- Manholes
- ➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

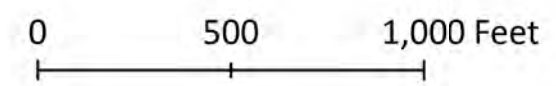


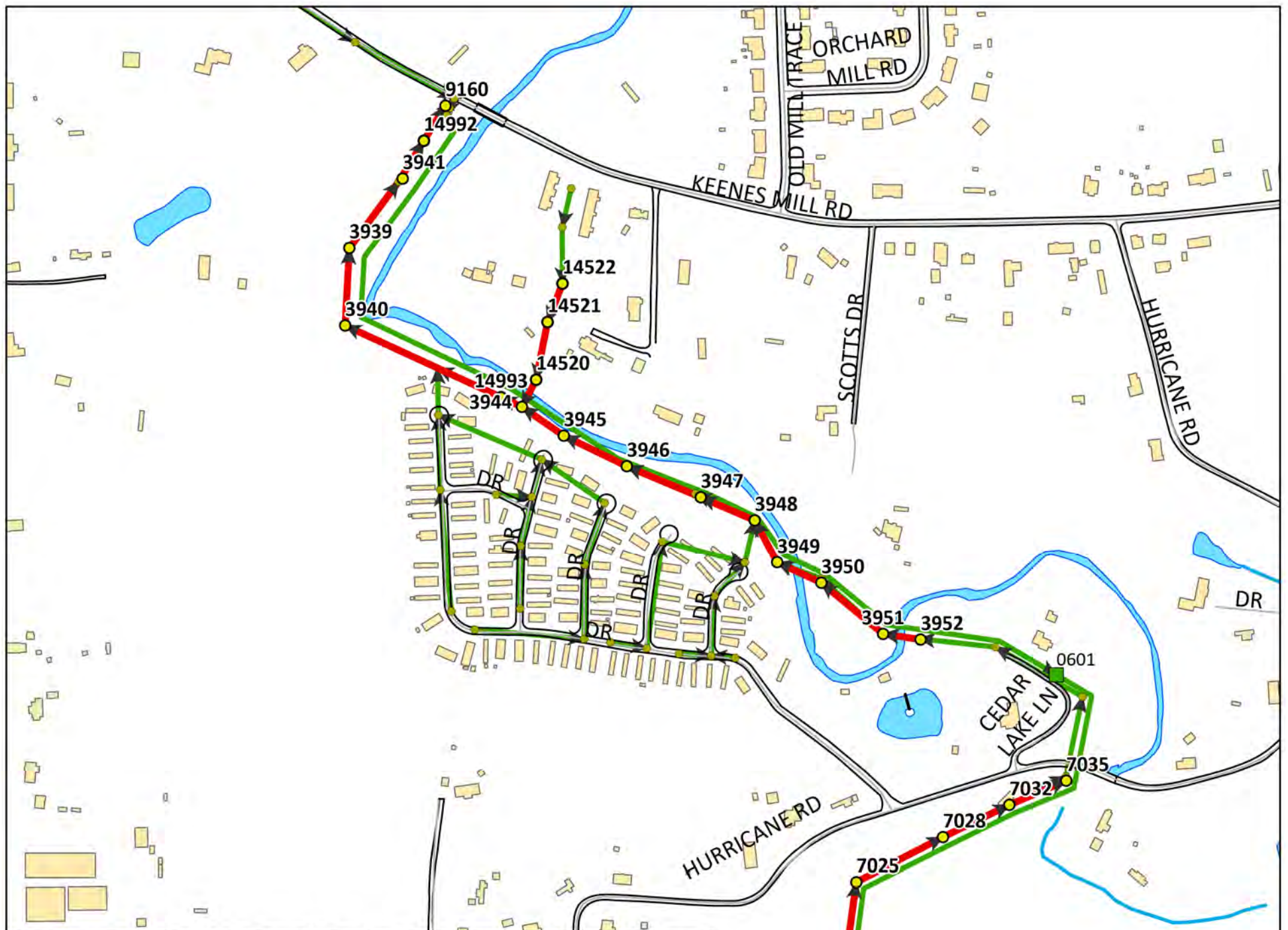
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
6960	6962	412	6944		
6962	6964	428	6945		
6964	6966	429	6946		
6977	9171	122	6950		
6980	9170	147	6133		
6981	6980	411	6853		
6988	6993	157	6129		
6989	6995	373	6132		
6993	6999	167	6128		
6994	6988	247	6130		
6995	6994	245	6131		
6999	7001	227	6127		
7001	7002	233	6126		
7002	7003	124	6125		
7003	7004	201	7597		
7004	7007	367	7599		
7007	7009	331	6860		
7009	9162	450	6124		
7011	7012	399	6869		
7012	7016	334	6870		
7013	9161	321	6863		
7014	7011	390	6868		
7016	7015	332	6871		
7018	7014	398	6867		
7026	7021	125	9426		
9161	7026	91	6864		
9162	7015	152	6861		
9163	6989	500	9422		
9164	9163	431	9421		
9165	9164	221	9420		
9166	9165	365	9419		
9167	9166	305	9418		
9168	9167	134	9417		
9169	9168	449	9416		
9170	9169	380	9415		
15027	7018	163	15731		
15028	15027	312	15732		
15029	15028	121	15733		
15030	15029	29	15734		
<b>Total Linear Footage</b>		<b>11023</b>			



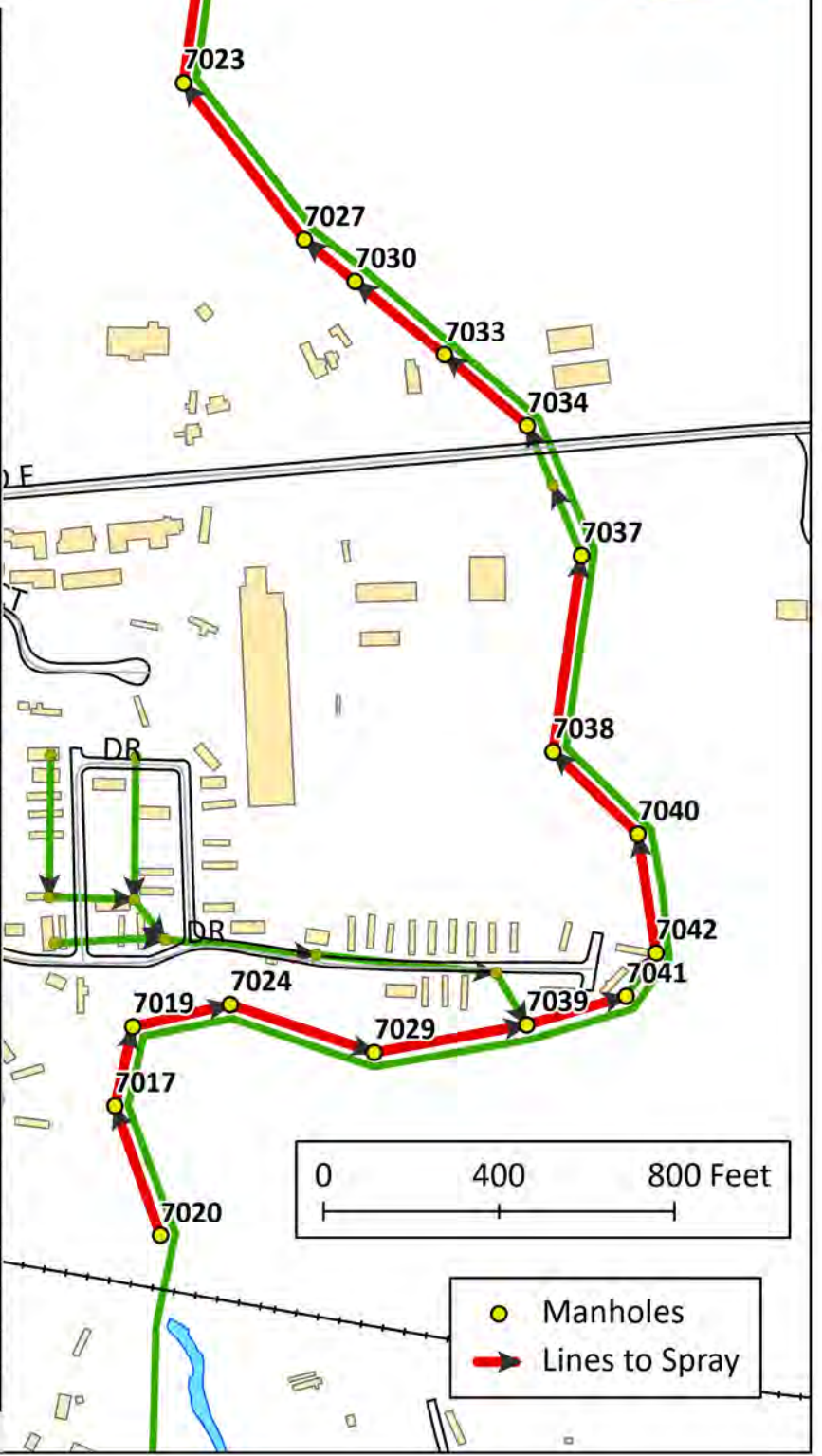
● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

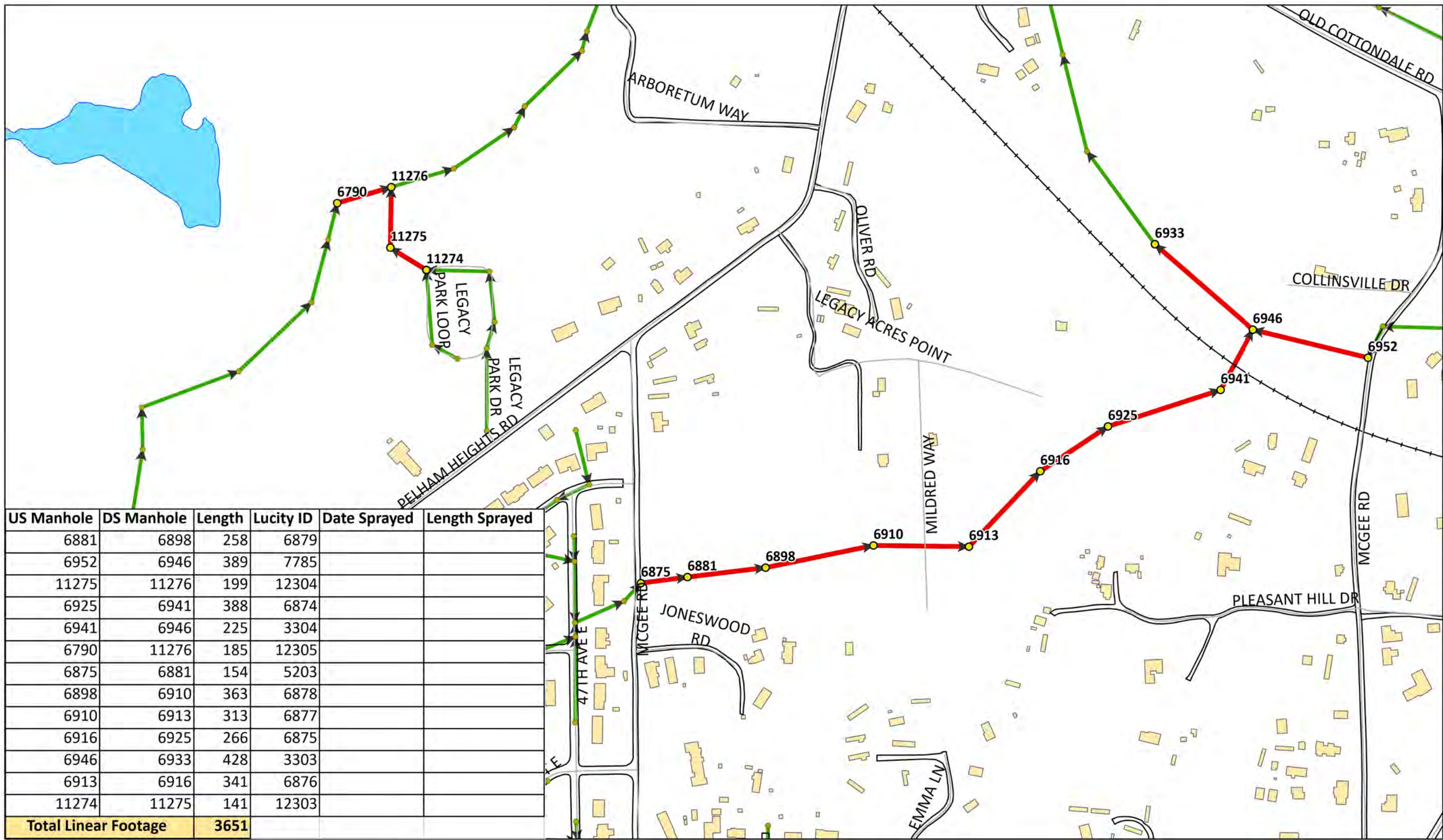




US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
3939	3941	270	6912		
3940	3939	252	6911		
3941	14992	157	6913		
3944	3940	635	6910		
3945	3944	166	6909		
3946	3945	228	6908		
3947	3946	262	6899		
3948	3947	192	6900		
3949	3948	156	6901		
3950	3949	159	6902		
3951	3950	262	6903		
3952	3951	124	6904		
7017	7019	185	6881		
7019	7024	228	6882		
7020	7017	314	6880		
7023	7025	346	6895		
7024	7029	345	6883		
7025	7028	318	6896		
7027	7023	451	6894		
7028	7032	241	6897		
7029	7039	353	6890		
7030	7027	150	6893		
7032	7035	202	6898		
7033	7030	265	6892		
7034	7033	249	6891		
7038	7037	451	6885		
7039	7041	236	6889		
7040	7038	268	6886		
7042	7040	274	6887		
14520	3944	100	14948		
14521	14520	191	14947		
14522	14521	135	14946		
14992	9160	134	15666		
<b>Total Linear Footage</b>		<b>8297</b>			

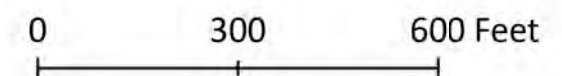


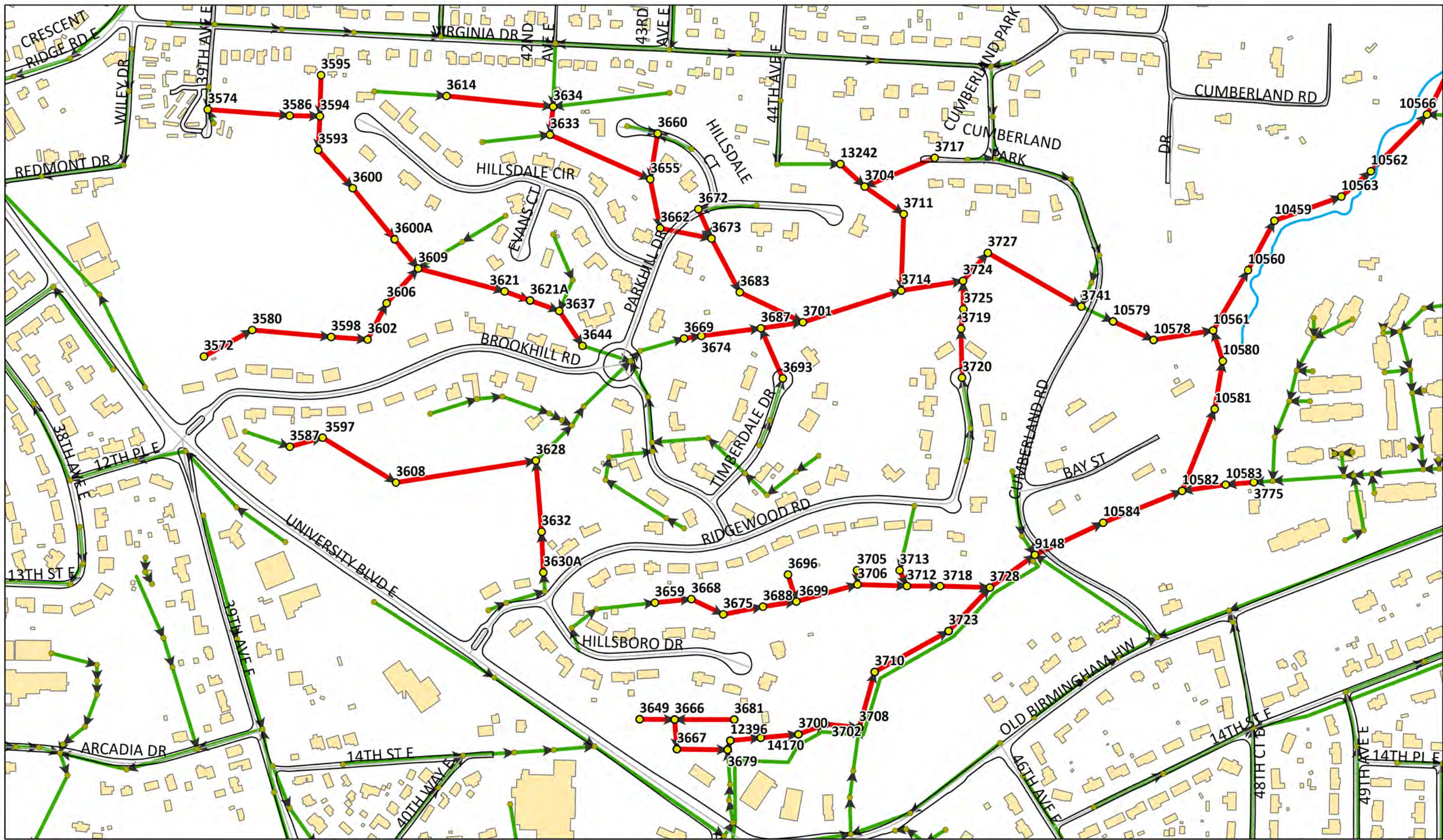
# 2022 ROW SPRAY NEEDS



● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS





- Manholes
- Lines to Spray

## 2022 ROW SPRAY NEEDS

0      350      700 Feet

US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
3572	3580	217	2043		
3574	3586	324	2436		
3580	3598	312	2044		
3586	3594	119	2435		
3587	3597	134	6925		
3593	3600	203	2063		
3594	3593	133	2062		
3595	3594	162	1466		
3597	3608	339	2432		
3598	3602	144	2045		
3600	3609	410	2064		
3602	3606	162	2046		
3608	3628	559	2433		
3609	3621	352	2048		
3614	3634	422	6927		
3621	3637	228	2049		
3632	3628	281	6269		
3633	3655	432	1461		
3634	3633	111	1462		
3637	3644	165	2050		
3649	3666	138	2393		
3659	3668	144	2035		
3660	3655	183	10309		
3662	3673	206	2059		
3666	3667	117	2394		
3667	3679	200	2392		
3668	3675	140	2036		
3669	3674	69	2056		
3672	3673	127	2058		
3673	3683	239	2057		
3674	3687	236	8366		
3675	3688	159	2037		
3681	3666	235	6924		
3683	3701	275	2060		
3687	3701	167	8365		
3688	3699	133	2040		
3693	3687	216	8367		
3696	3699	111	2042		
3699	3706	252	2039		
3700	3702	115	2409		
3701	3714	408	1443		
3702	3708	134	2410		
3704	3711	188	1457		
3705	3706	56	2041		
3706	3712	194	2038		
3708	3710	228	2413		
3710	3723	333	2414		
3711	3714	302	2067		
3712	3718	131	2406		
3713	3712	68	2407		
3714	3724	246	1442		
3717	3704	147	1458		
3718	3728	196	2405		
3719	3725	78	1445		
3720	3719	193	1446		
3723	3728	236	2415		
3724	3727	147	1436		
3725	3724	112	1444		
3727	3741	424	1451		
3728	9148	219	2404		
3775	10583	113	11786		
9148	10584	297	11789		
10459	10563	281	11817		
10560	10459	221	11816		
10561	10560	275	11815		
10562	10566	315	11819		
10563	10562	153	11818		
10578	10561	237	11814		
10579	10578	175	11813		
10580	10561	127	11811		
10581	10580	192	11792		
10582	10581	348	11791		
10583	10582	173	11788		
10584	10582	335	11790		
12396	14170	120	8423		
13242	3704	208	14215		
14170	3700	149	14584		
3630A	3632	161	2032		
<b>Total Linear Footage</b>		<b>16596</b>			

US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
3312	3310	127	8361		
3344	3312	356	8360		
3391	3394	177	2552		
3394	3414	181	6931		
3413	3414	203	2536		
3414	3415	181	2537		
3415	3418	157	2538		
3418	3425	80	2539		
3425	3437	192	2540		
3428	3410	213	240		
3459	11893	173	1027		
3462	3437	563	2555		
3499	3495	221	2556		
3508	3499	168	2557		
3510	3501	241	526		
3514	3510	102	527		
3524	3508	267	2558		
3526	14708	80	1015		
3528	3524	130	2559		
11893	3428	435	7383		
12908	3418	66	13981		
12918	3394	104	13883		
14708	3514	68	15169		
3418A	12908	115	10847		
<b>Total Linear Footage</b>		<b>4598</b>			

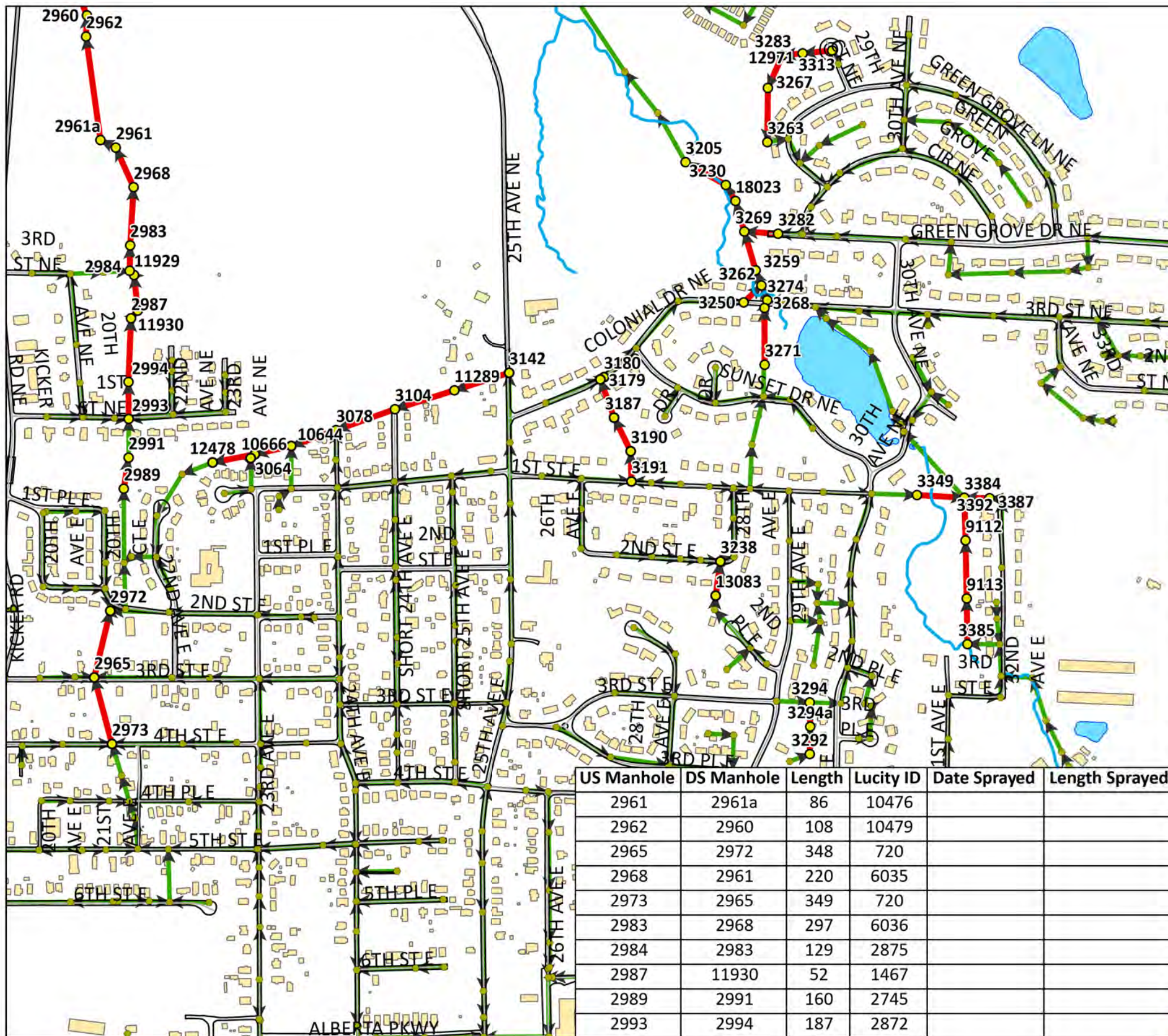


● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS

0 350 700 Feet





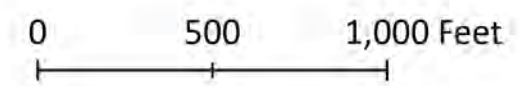
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
2994	2987	323	2874		
3064	12478	218	9278		
3078	10644	241	9955		
3104	3078	316	2749		
3142	11289	294	6057		
3187	3180	212	2849		
3190	3187	188	2781		
3191	3190	154	2782		
3230	3205	234	6024		
3250	3262	124	2839		
3259	3269	205	2837		
3262	3259	82	2838		
3267	3263	275	2862		
3269	18023	161	2831		
3271	3268	288	2825		
3274	3262	80	9284		
3282	3269	172	2830		
3283	3267	181	2863		
3313	12971	150	2865		
3349	3384	240	892		
3385	9113	232	6932		
3387	3384	128	889		
3392	3387	61	888		
9112	3384	217	9281		
9113	9112	294	9280		
10644	3064	190	2248		
10666	3064	28	11834		
11289	3104	316	6365		
11929	2984	31	12770		
11930	11929	181	2887		
12971	3283	103	13979		
13083	3238	182	599		
18023	3230	95	9285		
2961a	2962	530	10477		
3292	3294a	139	9331		
3294a	3294	123	9332		
<b>Total Linear Footage</b>		<b>8926</b>			

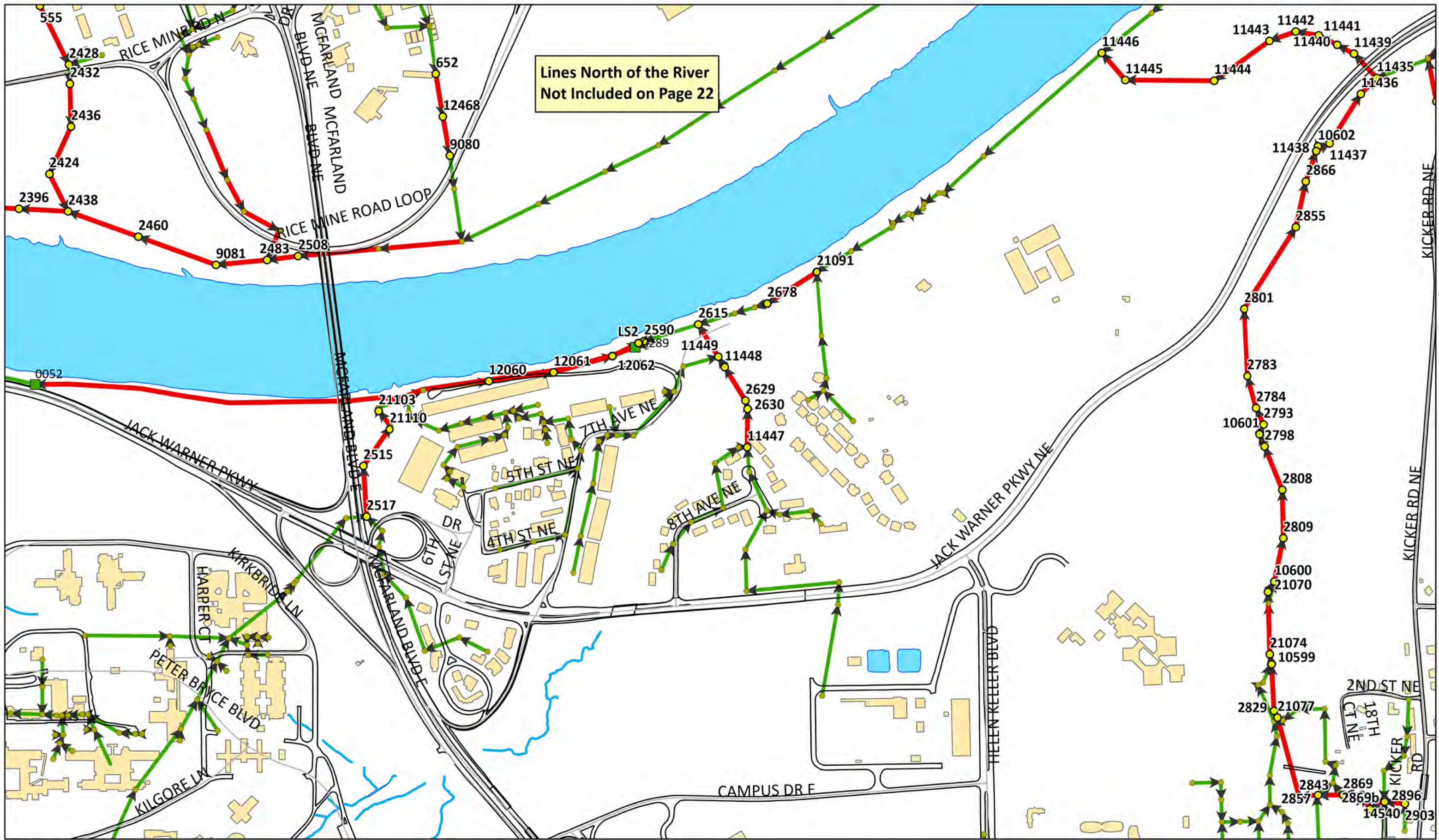
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
2961	2961a	86	10476		
2962	2960	108	10479		
2965	2972	348	720		
2968	2961	220	6035		
2973	2965	349	720		
2983	2968	297	6036		
2984	2983	129	2875		
2987	11930	52	1467		
2989	2991	160	2745		
2993	2994	187	2872		



● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS



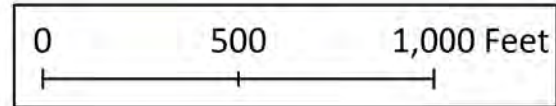


Lines North of the River  
Not Included on Page 22



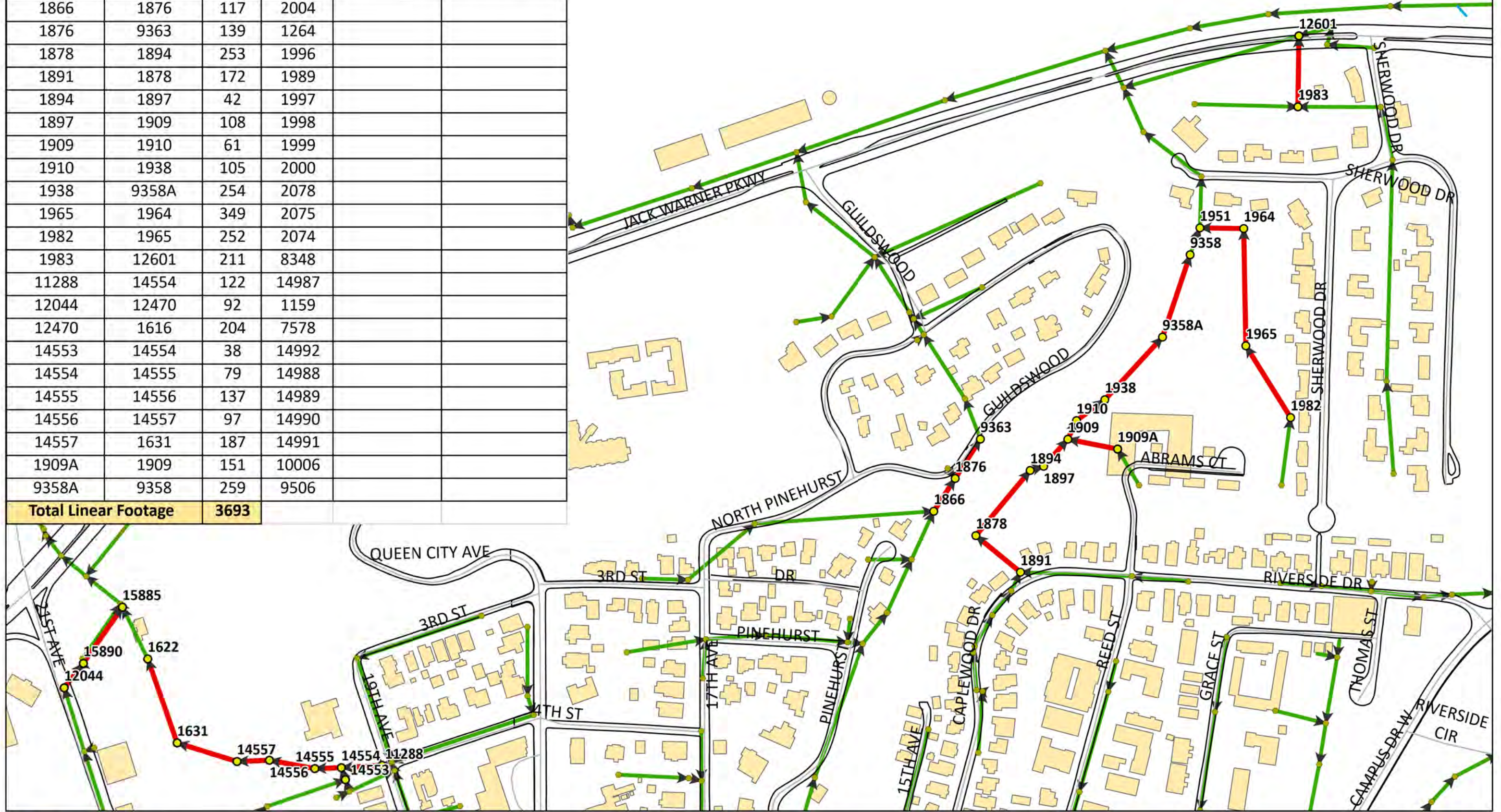
- Manholes
- Lines to Spray

## 2022 ROW SPRAY NEEDS



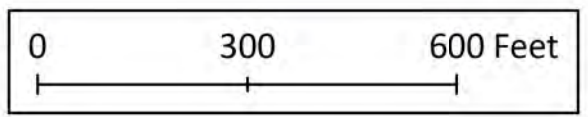
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
0289	0052	5268	14200		
2515	21110	267	6569		
2517	2515	282	7696		
2590	LS2	33	9275		
2629	11448	218	12363		
2630	2629	48	2876		
2783	2801	373	6041		
2784	2783	184	6039		
2793	2784	100	6040		
2798	10601	74	10423		
2801	2855	538	6042		
2808	2798	260	6038		
2809	2808	268	6037		
2829	10599	259	10845		
2843	21077	460	6044		
2855	2866	259	6043		
2857	2843	105	2739		
2866	11438	178	12039		
2869	2857	140	2738		
2896	2869b	96	10384		
2903	14540	113	2740		
10599	21074	57	11794		
10600	2809	246	10844		
10601	2793	58	10734		
10602	11438	28	12040		
11435	11439	184	12043		
11436	11435	125	12044		
11437	11436	325	12045		
11438	11437	85	12046		
11439	11440	105	9628		
11440	11441	115	9629		
11441	11442	129	9630		
11442	11443	156	9631		
11443	11444	380	12360		
11444	11445	492	12361		
11445	11446	200	12362		
11447	2630	213	12366		
11448	11449	68	12364		
11449	2615	211	12365		
12060	12061	362	3670		
12061	12062	343	9765		
12062	LS2	157	9908		
21070	10600	67	10735		
21074	21070	346	9289		
21077	2829	42	9288		
21091	2678	327	8327		
21110	21103	119	8580		
2869a	2869	104	10571		
2869b	2869a	89	10385		
<b>Total Linear Footage</b>		<b>14658</b>			

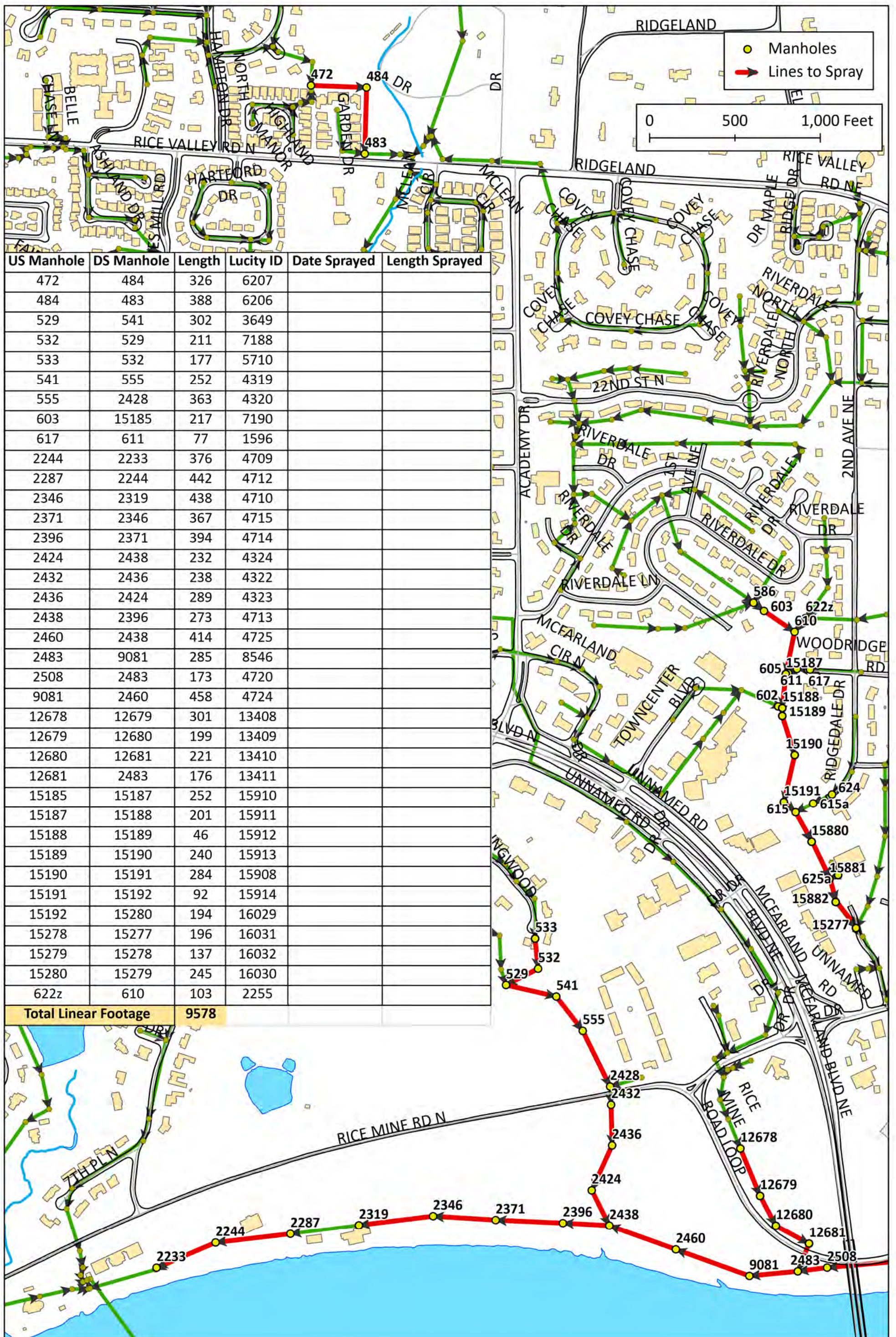
US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
1631	1622	265	315		
1866	1876	117	2004		
1876	9363	139	1264		
1878	1894	253	1996		
1891	1878	172	1989		
1894	1897	42	1997		
1897	1909	108	1998		
1909	1910	61	1999		
1910	1938	105	2000		
1938	9358A	254	2078		
1965	1964	349	2075		
1982	1965	252	2074		
1983	12601	211	8348		
11288	14554	122	14987		
12044	12470	92	1159		
12470	1616	204	7578		
14553	14554	38	14992		
14554	14555	79	14988		
14555	14556	137	14989		
14556	14557	97	14990		
14557	1631	187	14991		
1909A	1909	151	10006		
9358A	9358	259	9506		
<b>Total Linear Footage</b>		<b>3693</b>			



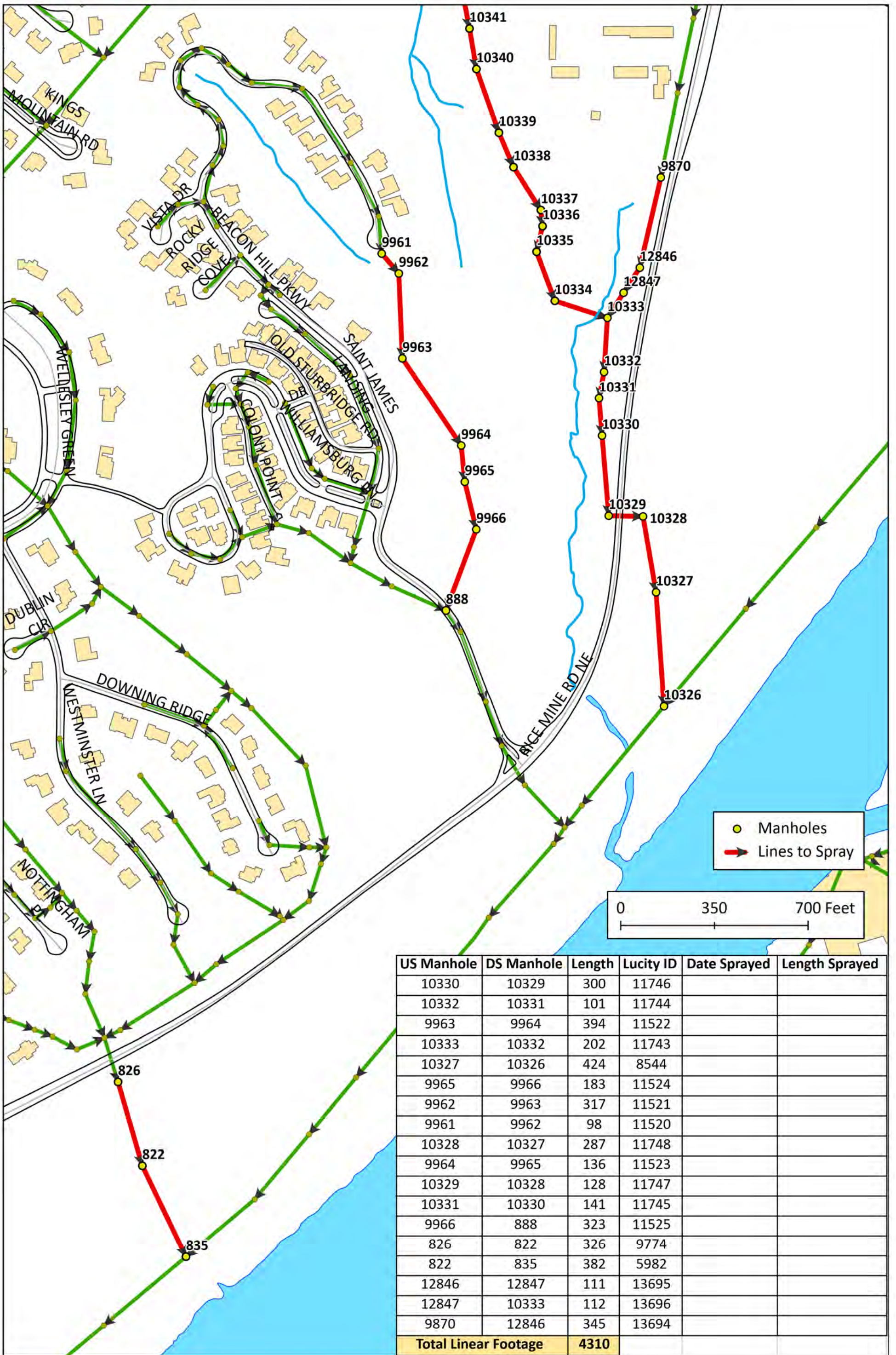
- Manholes
- Lines to Spray

## 2022 ROW SPRAY NEEDS

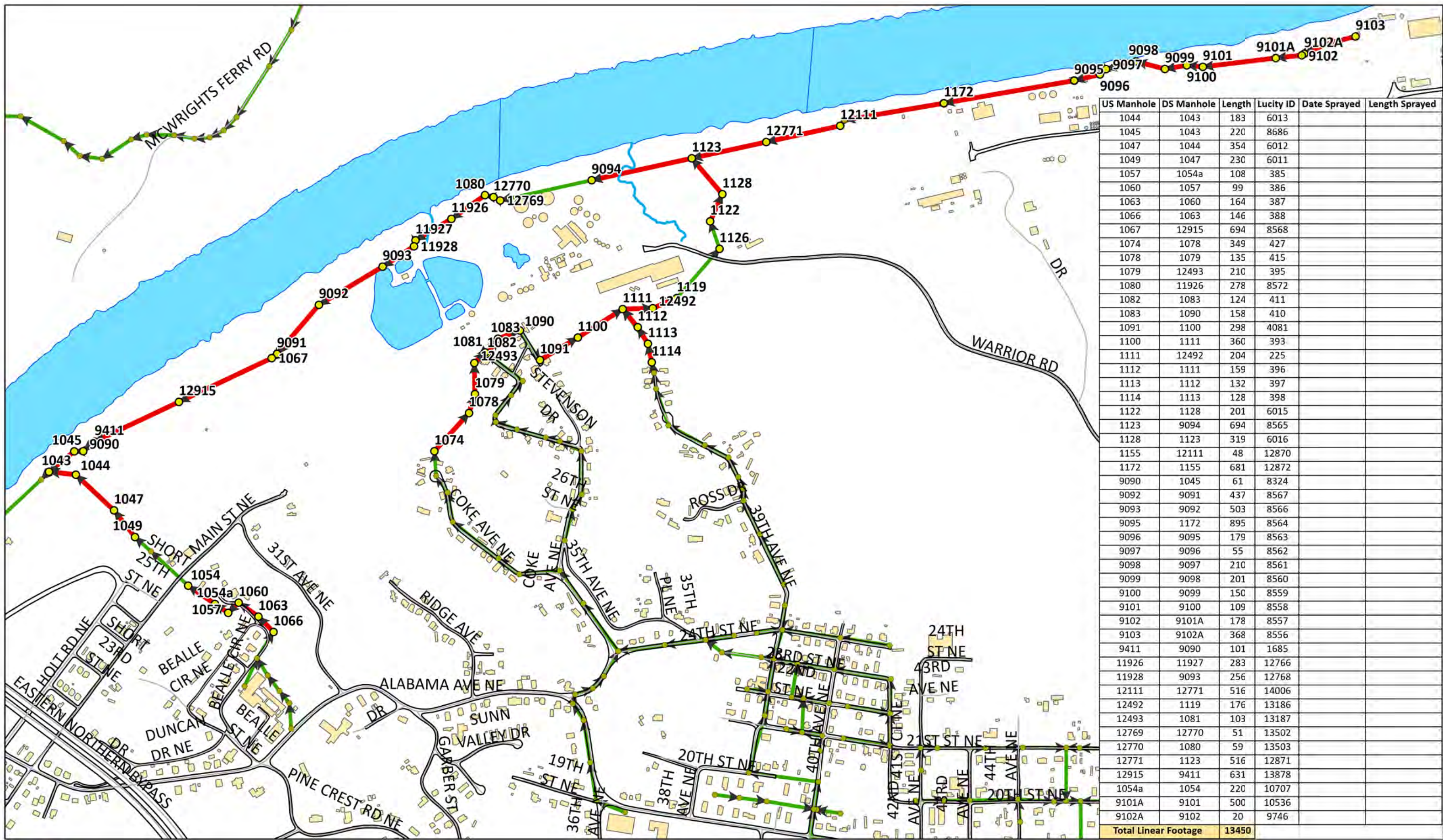




# 2022 ROW SPRAY NEEDS

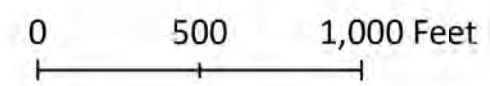


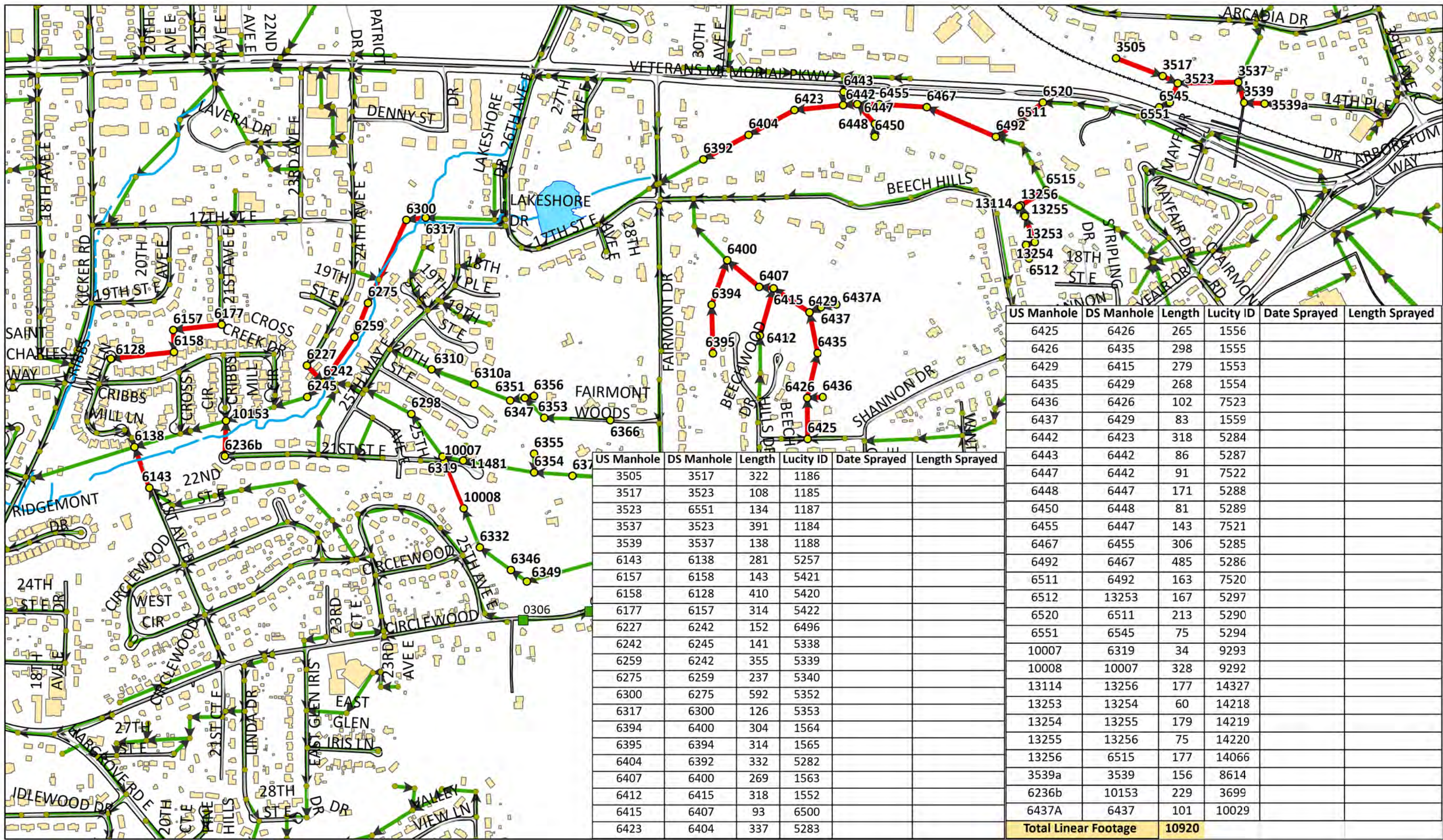
# 2022 ROW SPRAY NEEDS



● Manholes  
➔ Lines to Spray

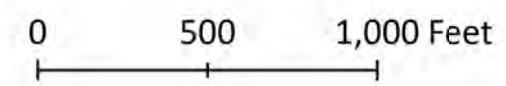
## 2022 ROW SPRAY NEEDS



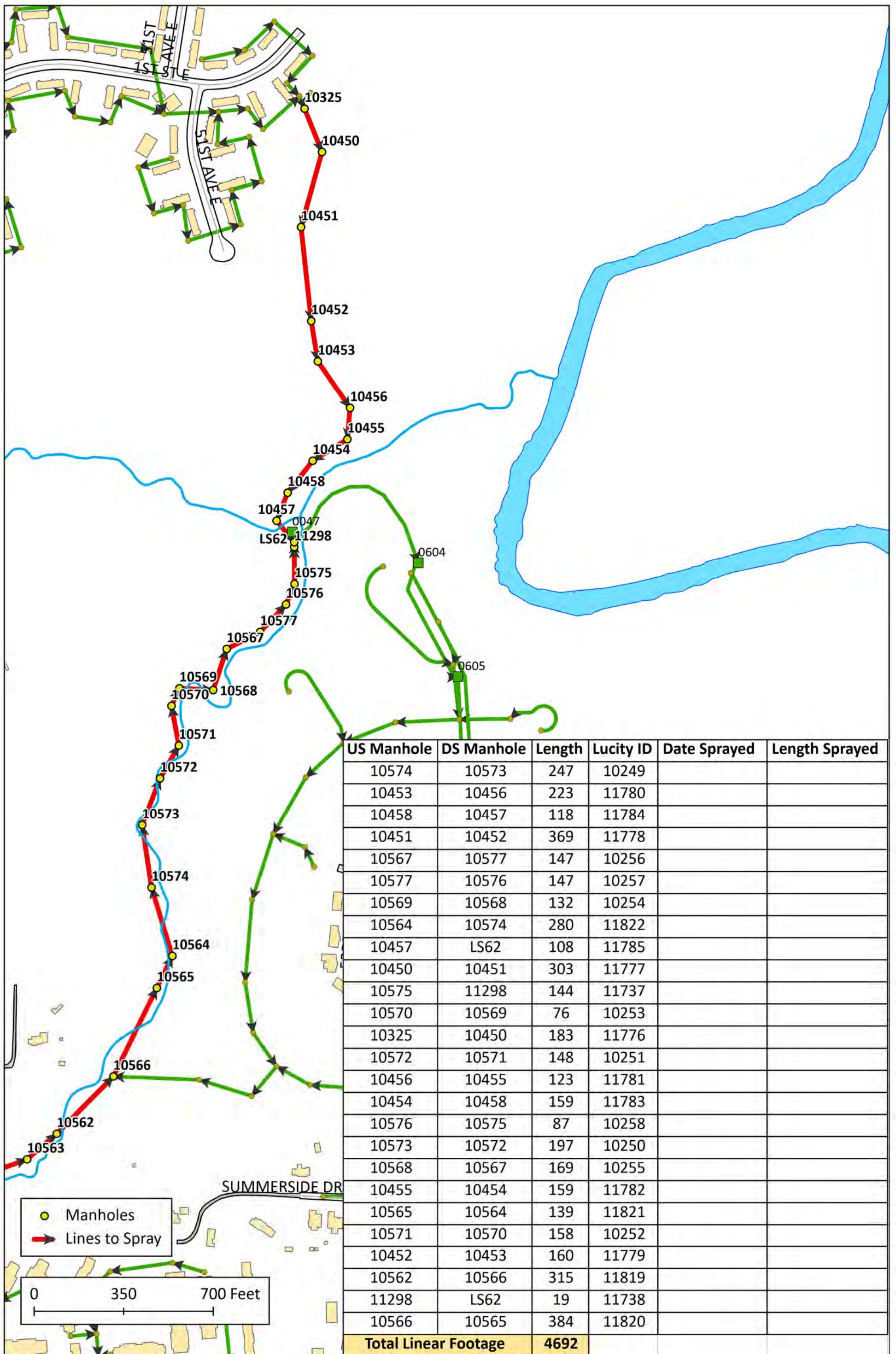


● Manholes  
➔ Lines to Spray

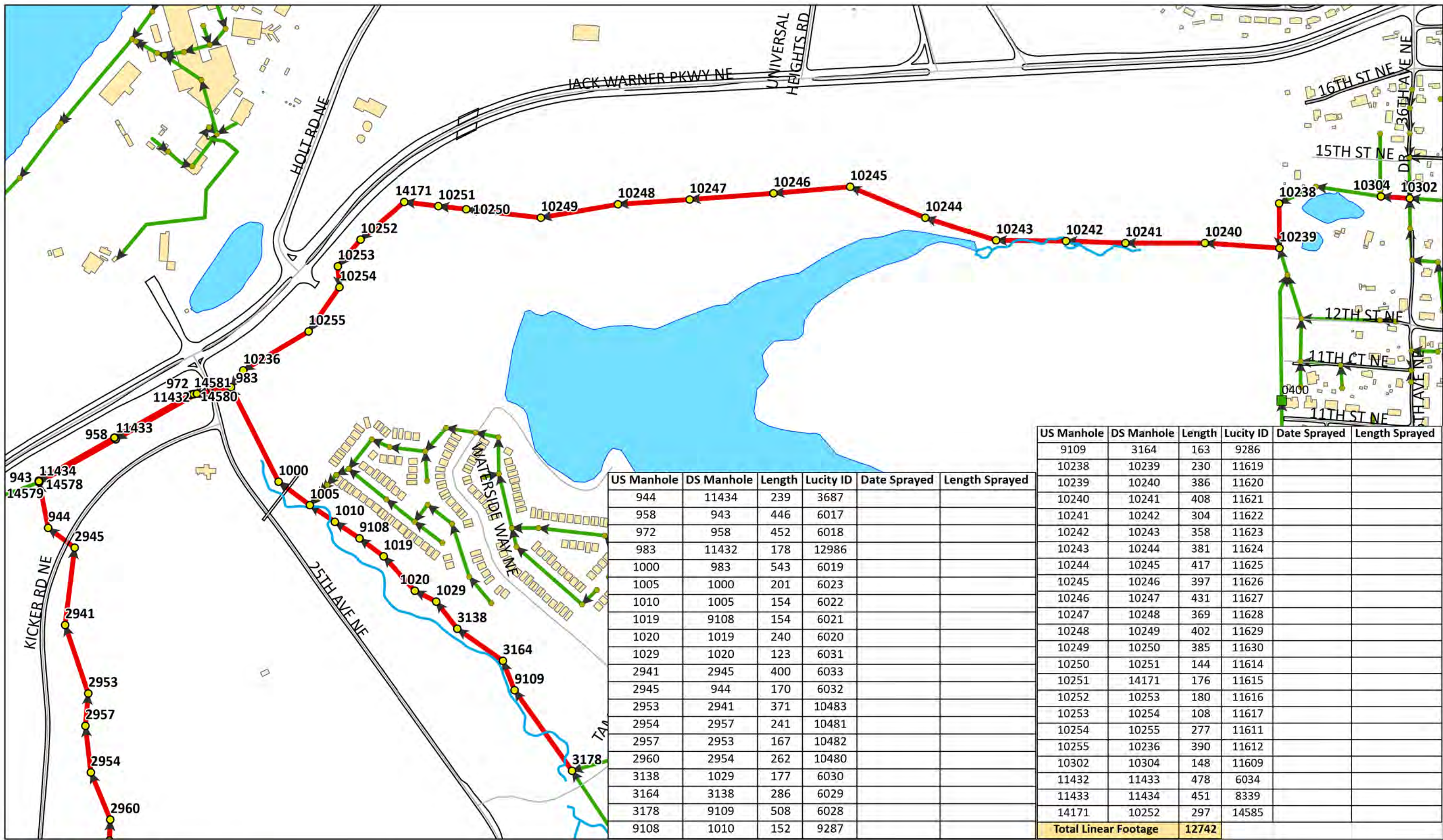
## 2022 ROW SPRAY NEEDS





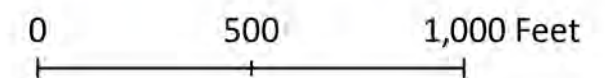


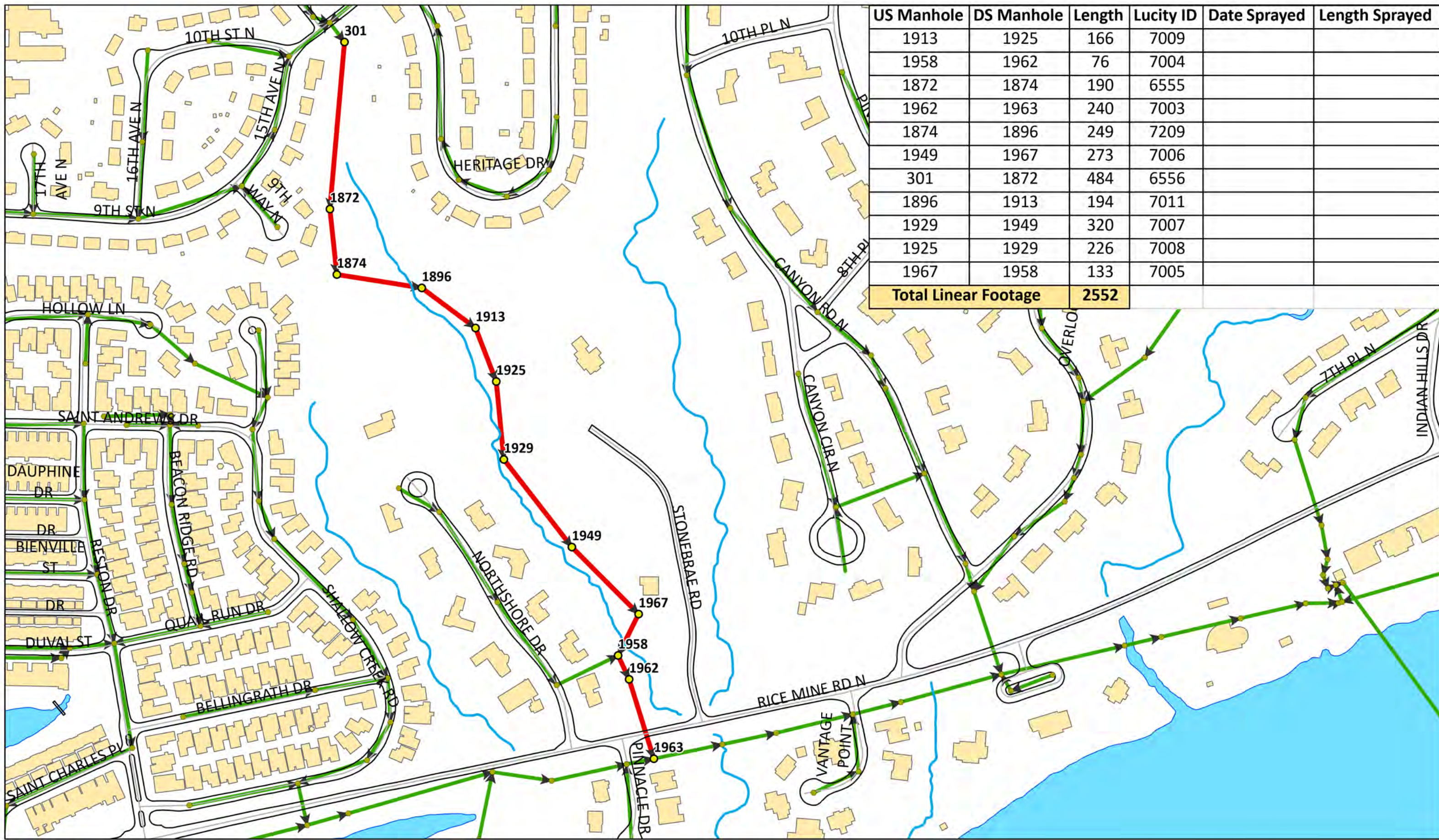
# 2022 ROW SPRAY NEEDS



- Manholes
- ➔ Lines to Spray

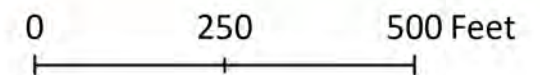
## 2022 ROW SPRAY NEEDS

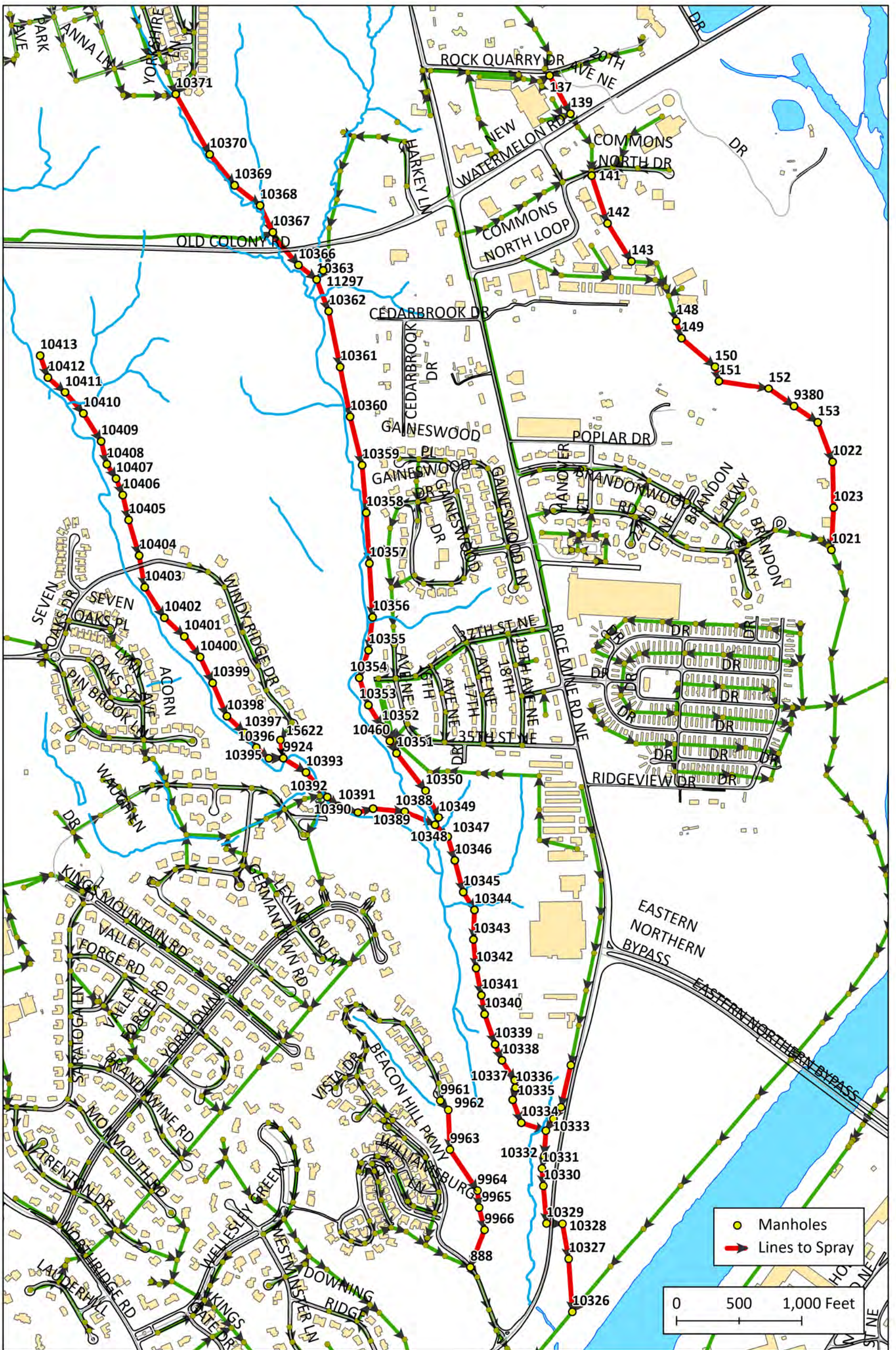




- Manholes
- ➔ Lines to Spray

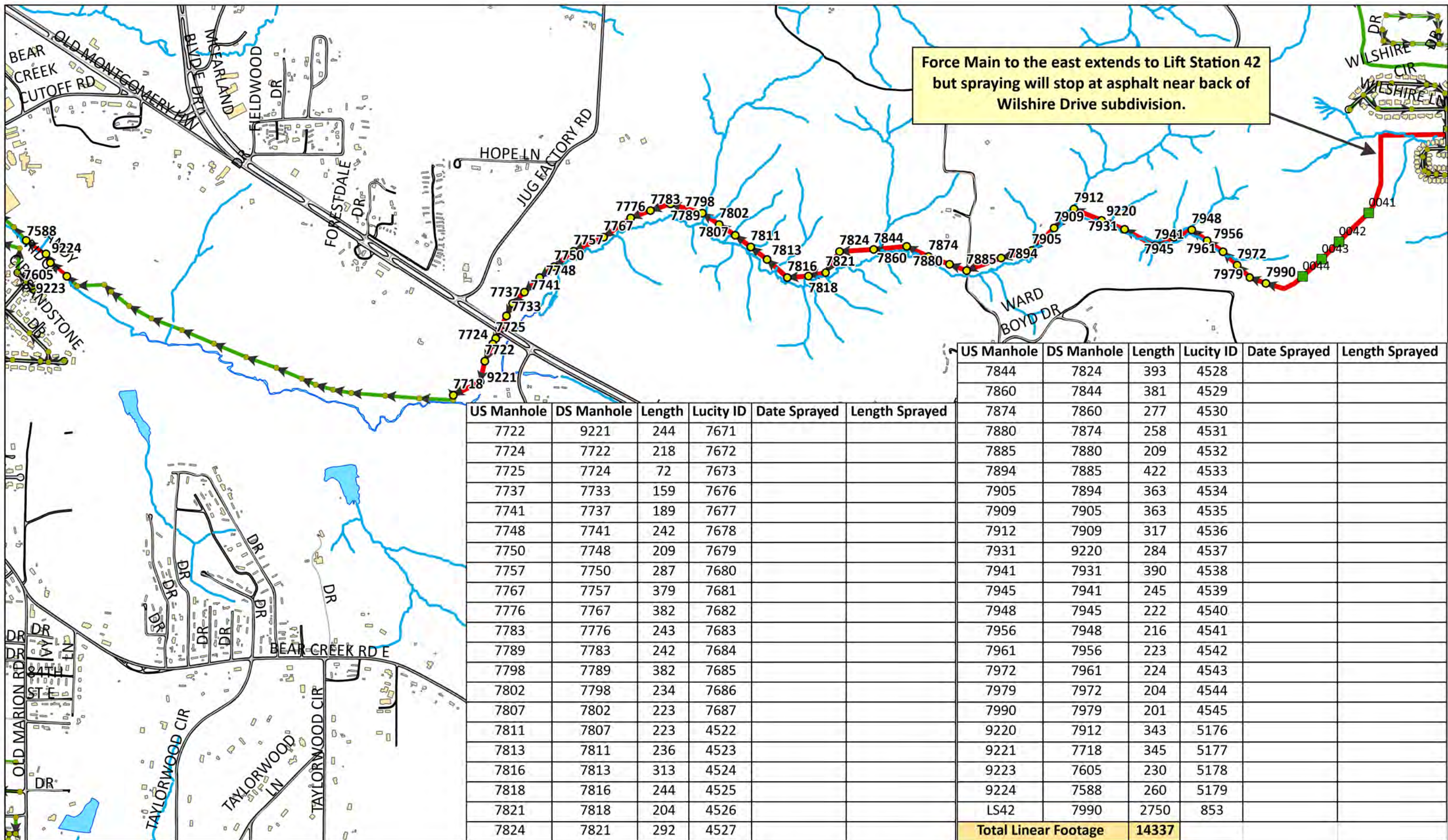
## 2022 ROW SPRAY NEEDS





**2022 ROW SPRAY NEEDS**

US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
148	149	144	8138		
149	150	352	8139		
150	151	119	8140		
151	152	402	8141		
152	9380	247	8142		
153	1022	337	8143		
9380	153	230	1235		
15622	9924	152	16415		
10334	10333	206	11742		
10335	10334	196	11741		
10336	10335	98	11740		
10337	10336	60	11739		
10338	10337	189	11736		
10339	10338	139	11735		
10340	10339	252	11734		
10341	10340	153	11733		
10342	10341	221	11732		
10343	10342	230	11731		
10344	10343	236	11730		
10345	10344	168	11729		
10346	10345	262	11728		
10347	10346	198	11727		
10348	10347	138	11726		
10349	10348	65	11725		
10350	10349	240	11724		
10351	10350	379	11723		
10352	10460	130	11703		
10353	10352	204	11722		
10354	10353	230	11721		
10355	10354	233	11720		
10356	10355	265	11719		
10357	10356	429	11715		
10358	10357	405	11714		
10359	10358	381	11713		
10360	10359	399	11712		
10361	10360	409	11711		
10362	10361	454	11710		
10363	10362	271	11709		
10366	10363	186	11708		
10368	10367	308	11695		
10369	10368	259	11694		
10370	10369	316	11693		
10371	10370	552	11692		
10388	10348	265	11775		
10389	10388	254	11774		
10390	10389	126	11773		
10391	10390	166	11772		
10392	10391	112	11771		
10393	10392	261	11769		
10394	10393	224	11768		
10395	10394	106	11767		
10396	10395	132	11766		
10397	10396	151	11765		
10398	10397	193	11764		
10399	10398	289	11763		
10400	10399	230	11762		
10401	10400	207	11761		
10402	10401	218	11760		
10403	10402	288	11759		
10404	10403	257	11758		
10405	10404	297	11757		
10406	10405	204	11756		
10407	10406	142	11755		
10408	10407	136	11754		
10409	10408	189	11753		
10410	10409	264	11752		
10411	10410	224	11751		
10412	10411	183	11750		
10413	10412	185	11749		
10460	10351	111	11704		
11297	10363	84	12136		
<b>Total Linear Footage</b>		<b>16344</b>			

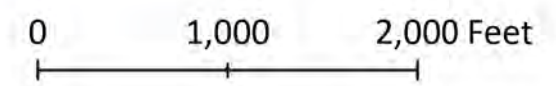


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
7722	9221	244	7671		
7724	7722	218	7672		
7725	7724	72	7673		
7737	7733	159	7676		
7741	7737	189	7677		
7748	7741	242	7678		
7750	7748	209	7679		
7757	7750	287	7680		
7767	7757	379	7681		
7776	7767	382	7682		
7783	7776	243	7683		
7789	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		
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		
9220	7912	343	5176		
9221	7718	345	5177		
9223	7605	230	5178		
9224	7588	260	5179		
LS42	7990	2750	853		
<b>Total Linear Footage</b>		<b>14337</b>			

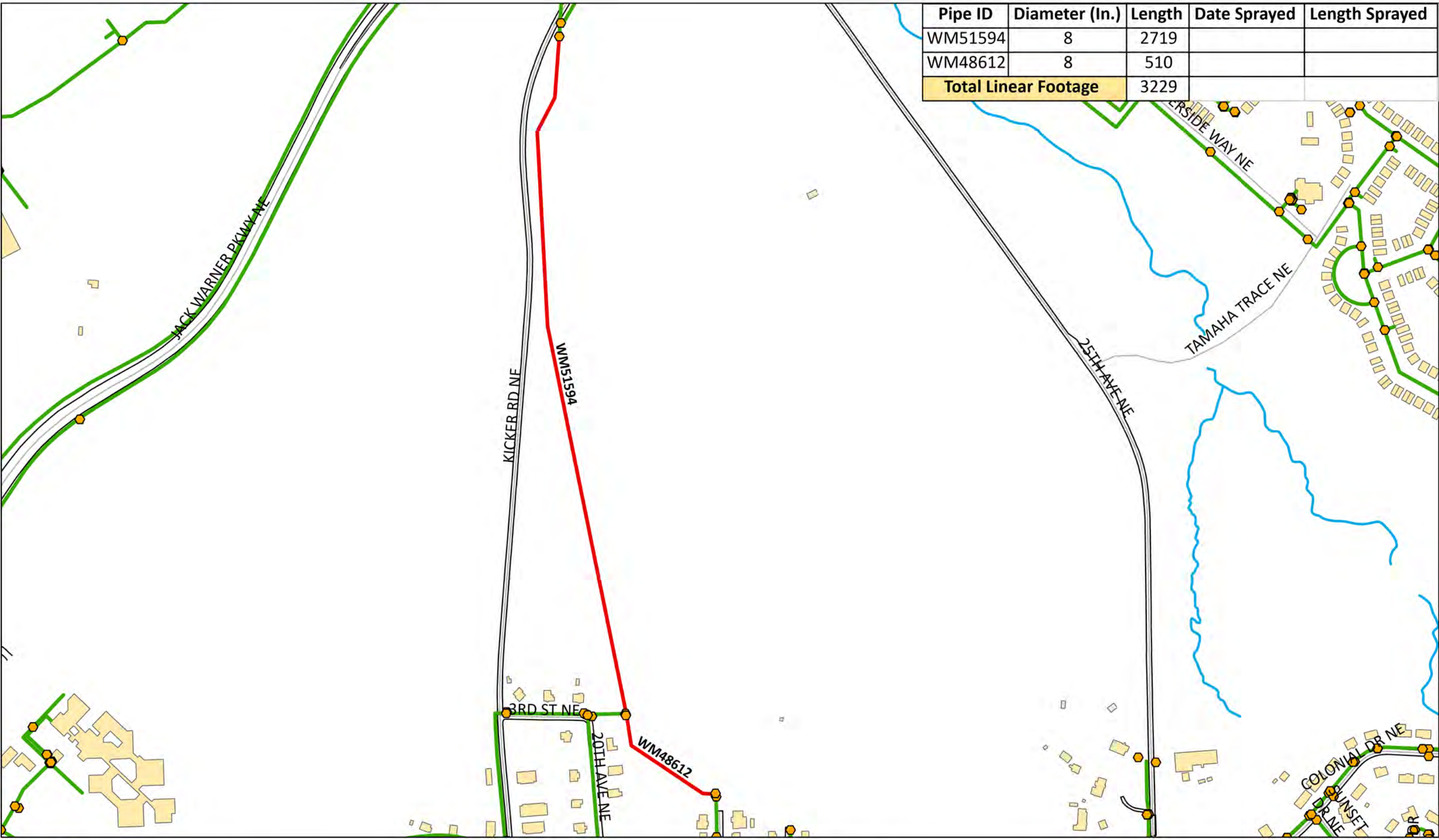




Manholes  
 Lines to Spray

## 2022 ROW SPRAY NEEDS

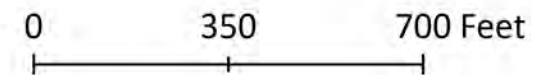


Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM51594	8	2719		
WM48612	8	510		
<b>Total Linear Footage</b>		3229		



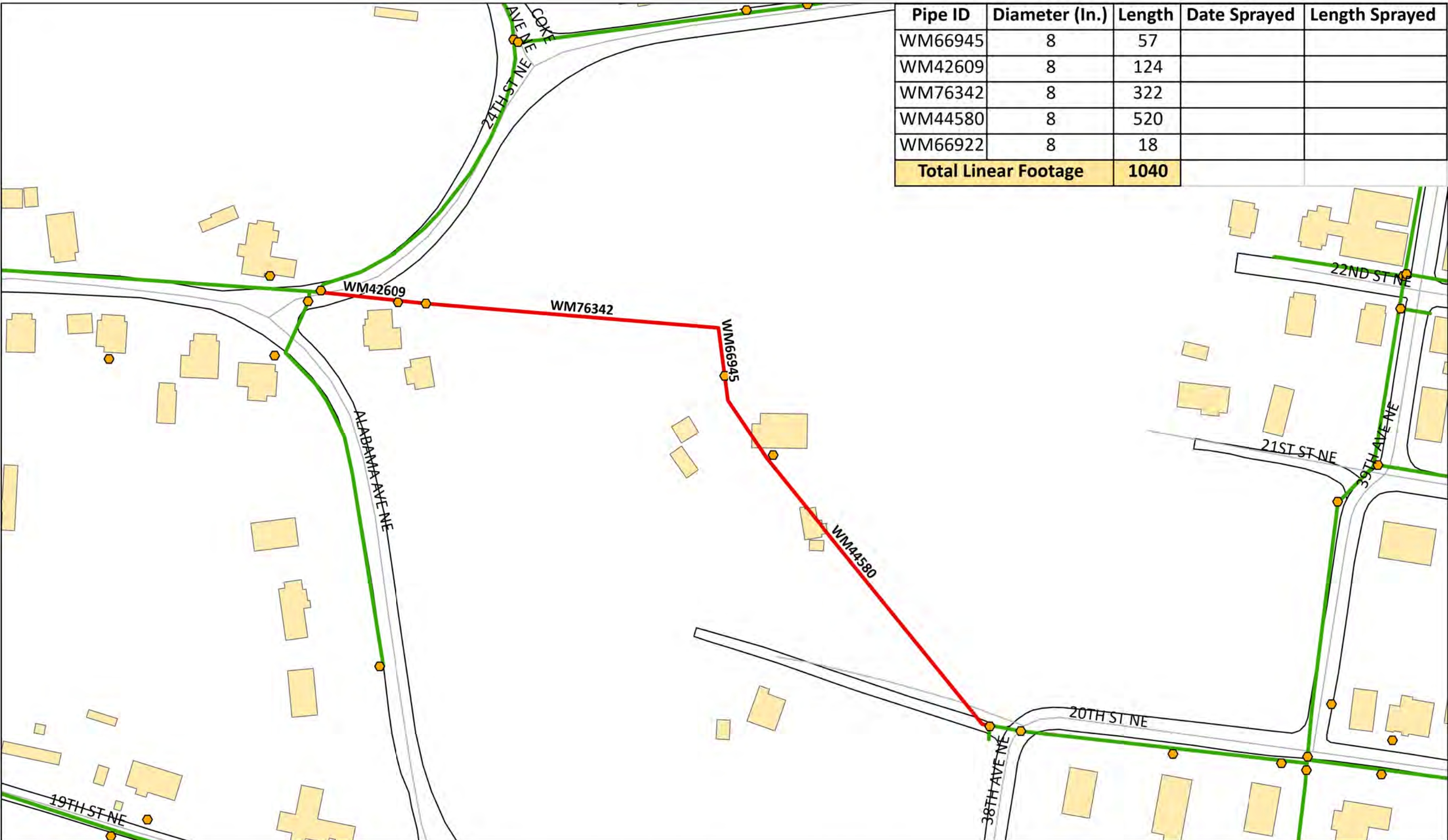
 Valves  
 Lines to Spray



## 2022 ROW SPRAY NEEDS



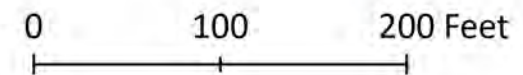
**Water-1**

Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM66945	8	57		
WM42609	8	124		
WM76342	8	322		
WM44580	8	520		
WM66922	8	18		
<b>Total Linear Footage</b>		<b>1040</b>		



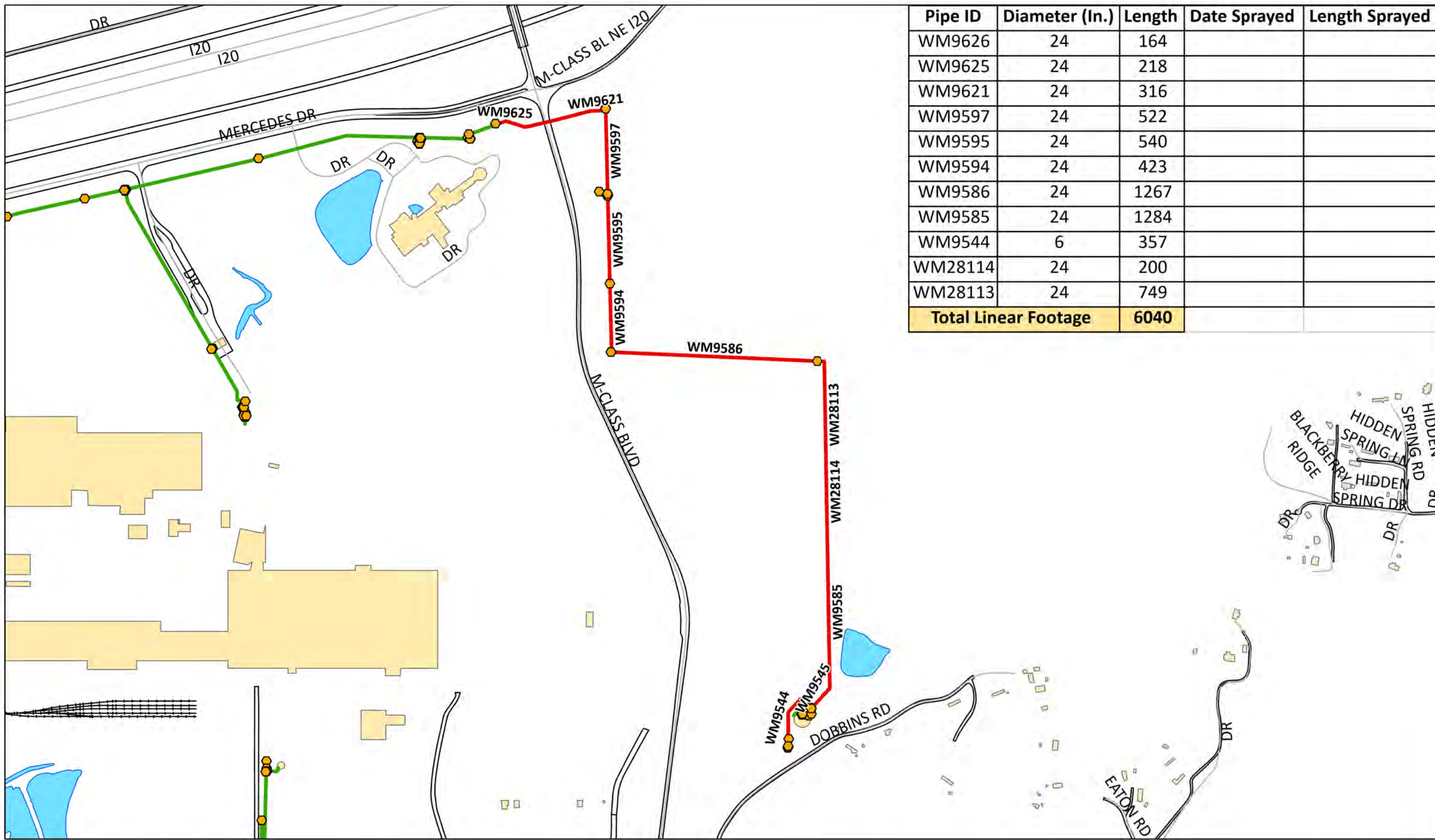
 Valves  
 Lines to Spray



## 2022 ROW SPRAY NEEDS



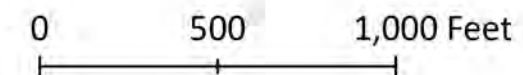
**Water-2**



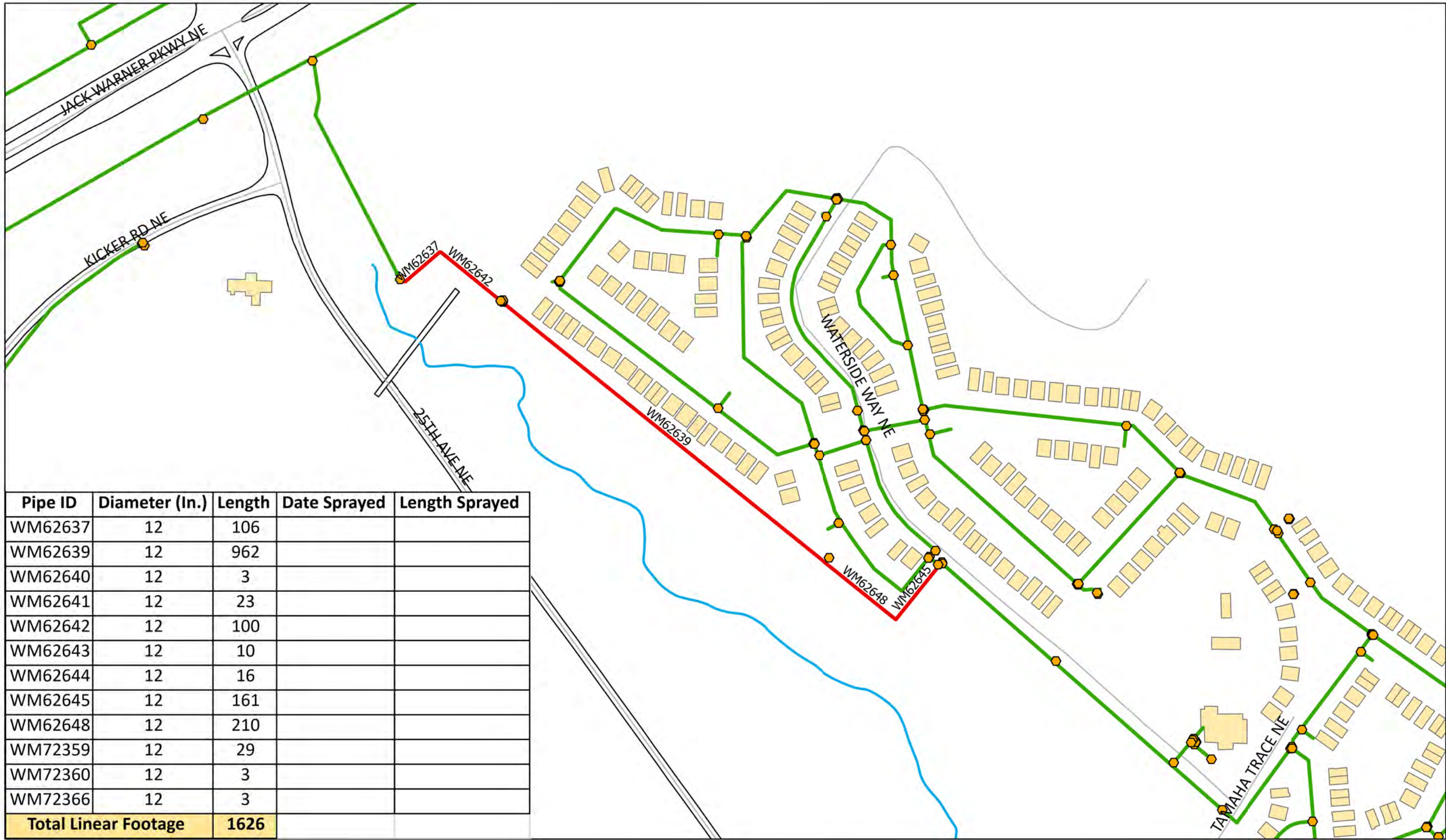


 Valves  
 Lines to Spray

## 2022 ROW SPRAY NEEDS





**Water-3**

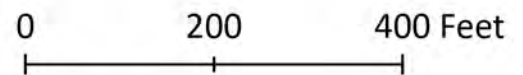


Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM62637	12	106		
WM62639	12	962		
WM62640	12	3		
WM62641	12	23		
WM62642	12	100		
WM62643	12	10		
WM62644	12	16		
WM62645	12	161		
WM62648	12	210		
WM72359	12	29		
WM72360	12	3		
WM72366	12	3		
<b>Total Linear Footage</b>		<b>1626</b>		



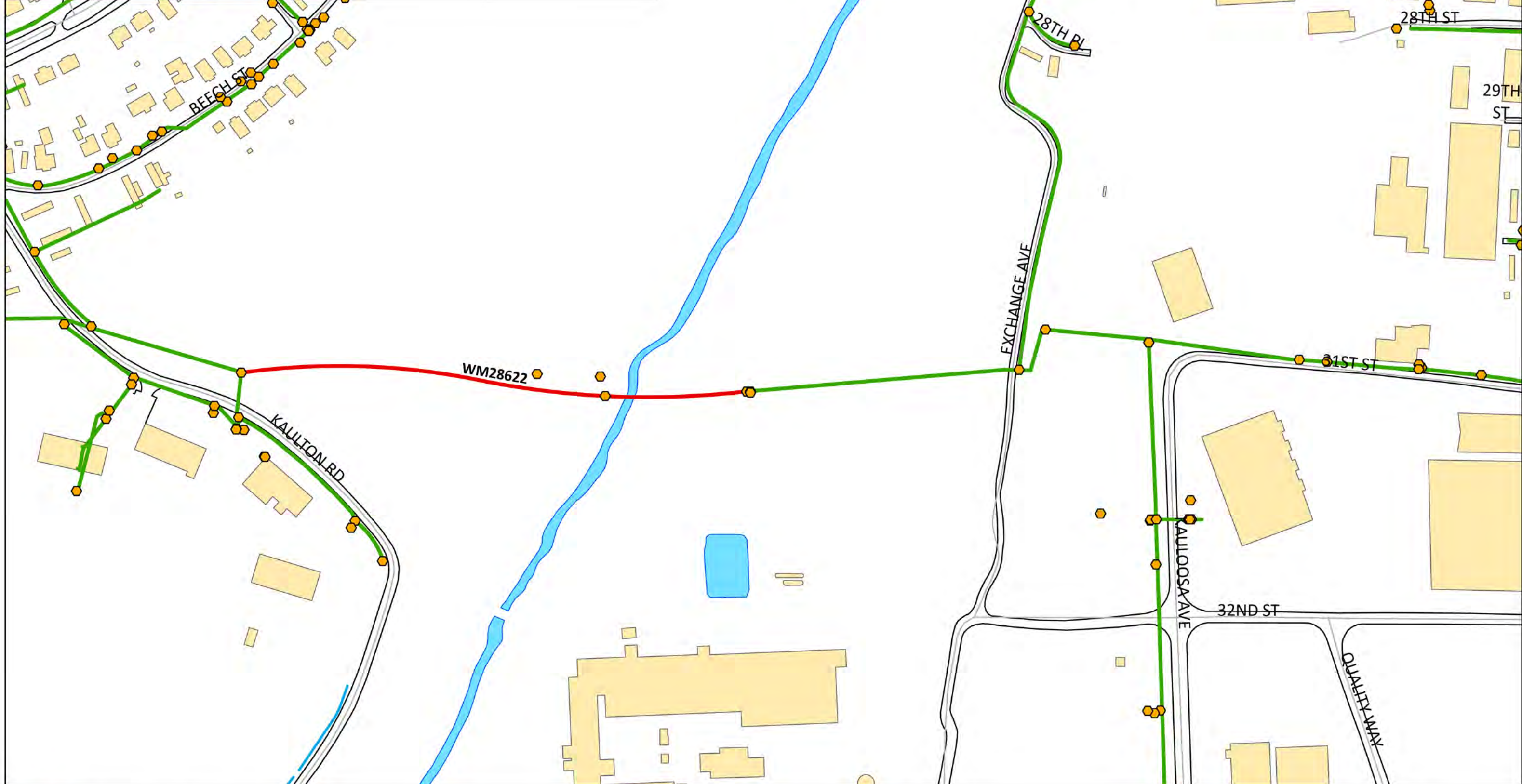
 Valves  
 Lines to Spray



## 2022 ROW SPRAY NEEDS



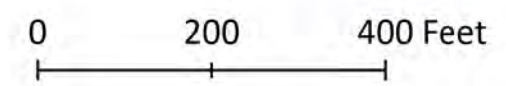
**Water-4**

Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM28622	12	1214		
<b>Total Linear Footage</b>		<b>1214</b>		



 Valves  
 Lines to Spray



## 2022 ROW SPRAY NEEDS



**Water-5**

Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM27157	16	789		
<b>Total Linear Footage</b>		<b>789</b>		

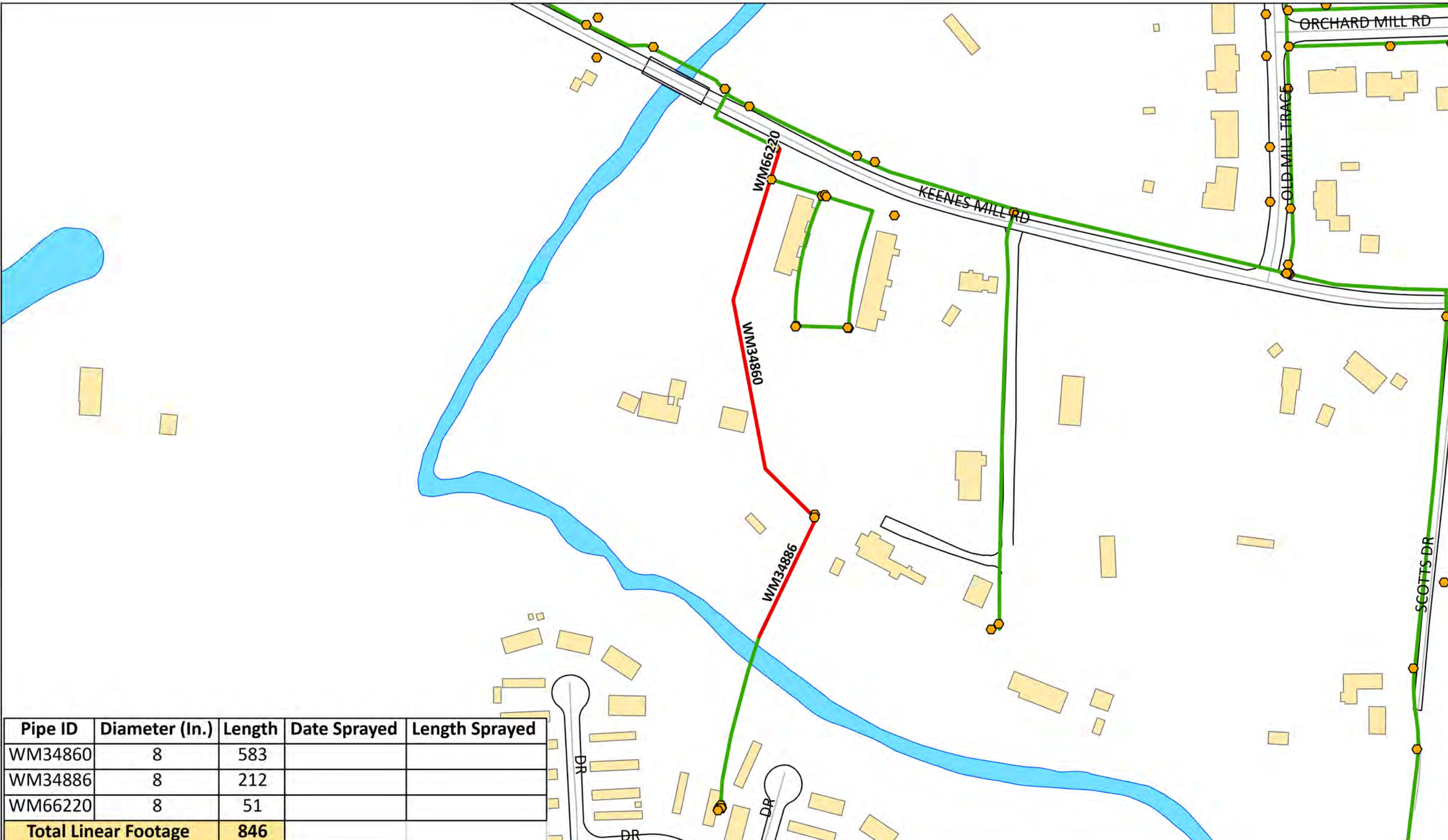


 Valves  
 Lines to Spray

## 2022 ROW SPRAY NEEDS

0 200 400 Feet

**Water-6**

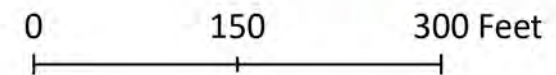


Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM34860	8	583		
WM34886	8	212		
WM66220	8	51		
<b>Total Linear Footage</b>		<b>846</b>		



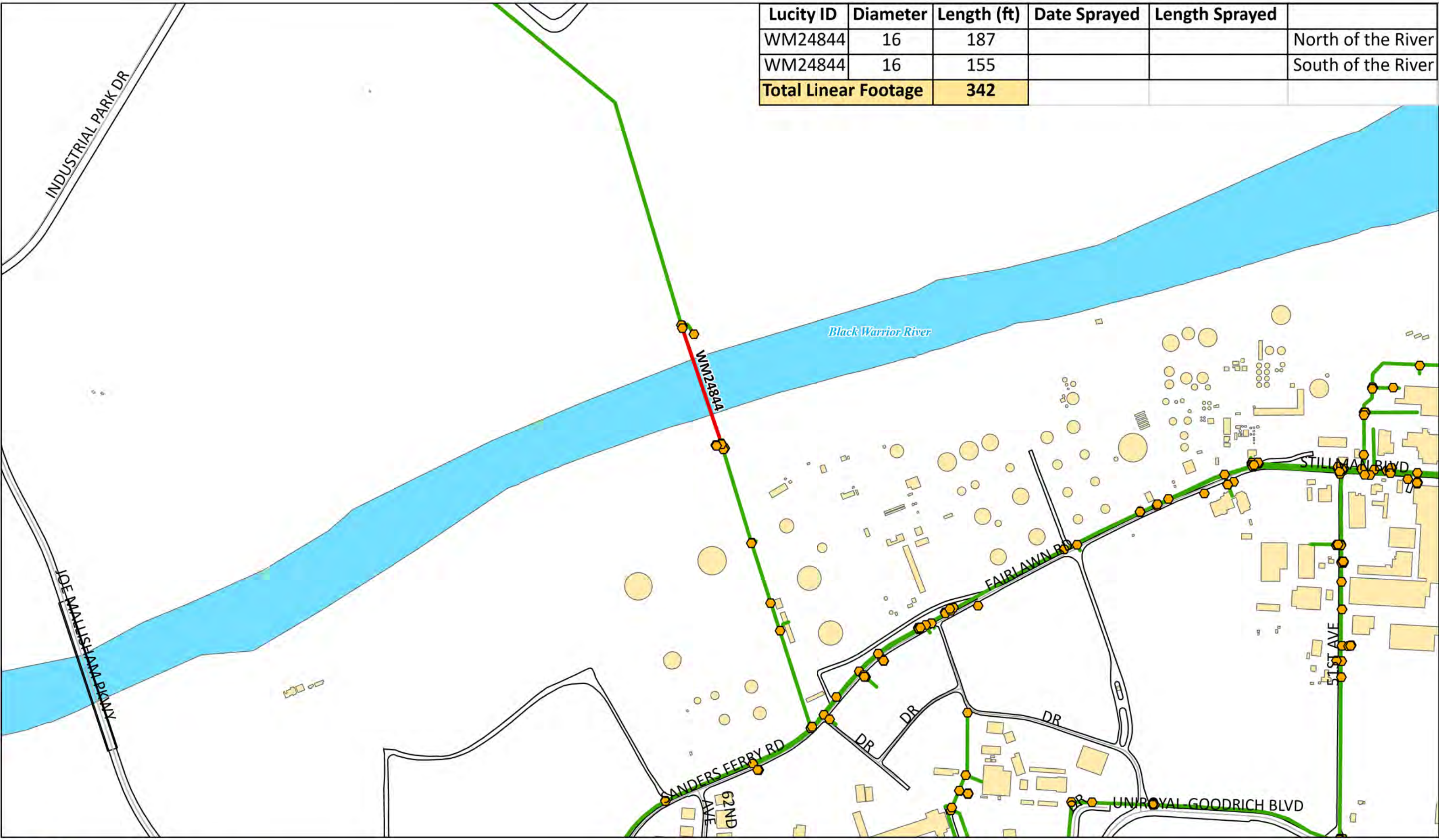
 Valves  
 Lines to Spray


### 2022 ROW SPRAY NEEDS



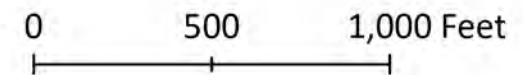
**Water-7**

Lucity ID	Diameter	Length (ft)	Date Sprayed	Length Sprayed	
WM24844	16	187			North of the River
WM24844	16	155			South of the River
<b>Total Linear Footage</b>		<b>342</b>			



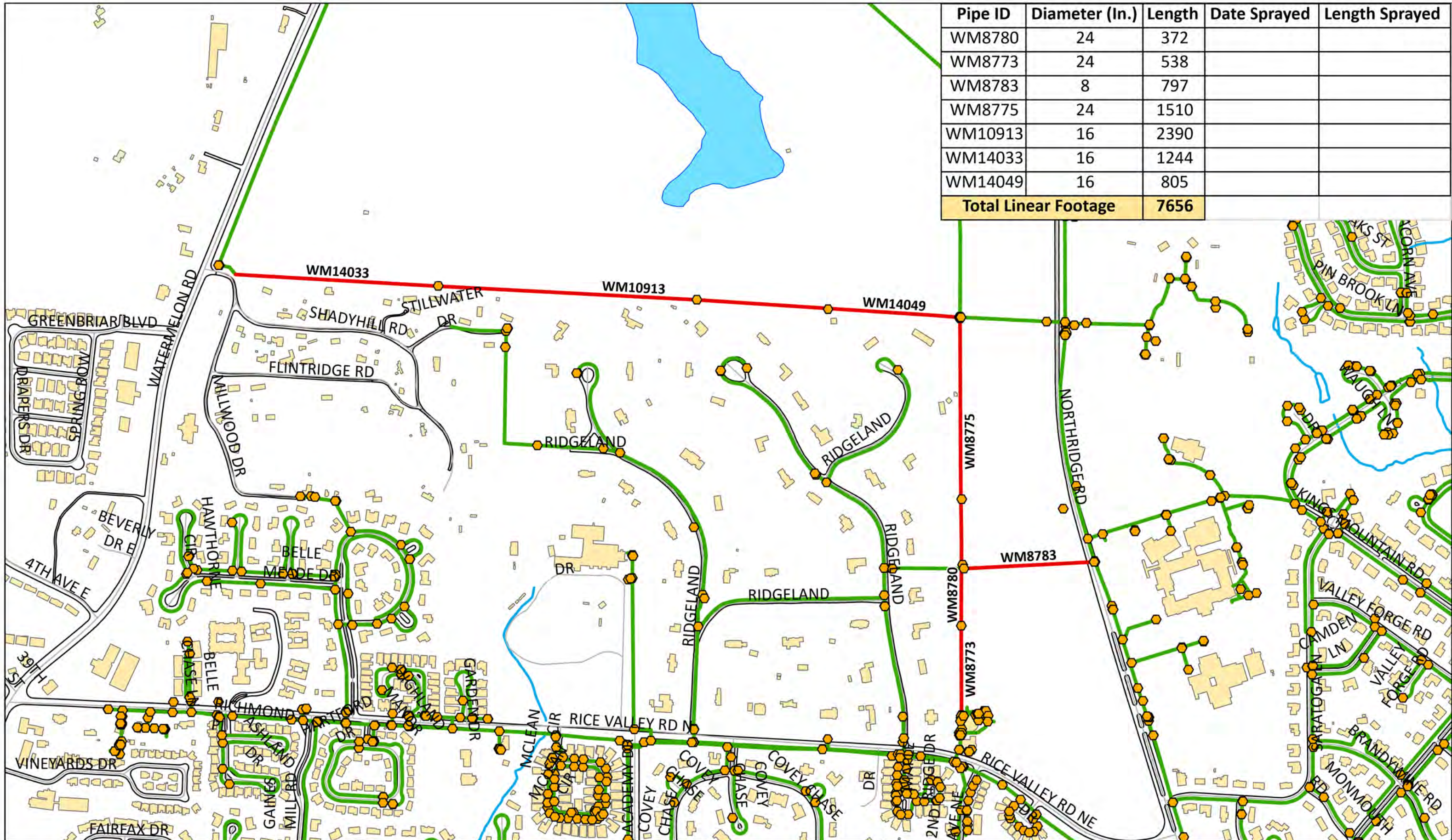
 Valves  
 Lines to Spray

## 2022 ROW SPRAY NEEDS



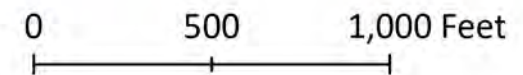
**Water-8**

Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM8780	24	372		
WM8773	24	538		
WM8783	8	797		
WM8775	24	1510		
WM10913	16	2390		
WM14033	16	1244		
WM14049	16	805		
<b>Total Linear Footage</b>		<b>7656</b>		



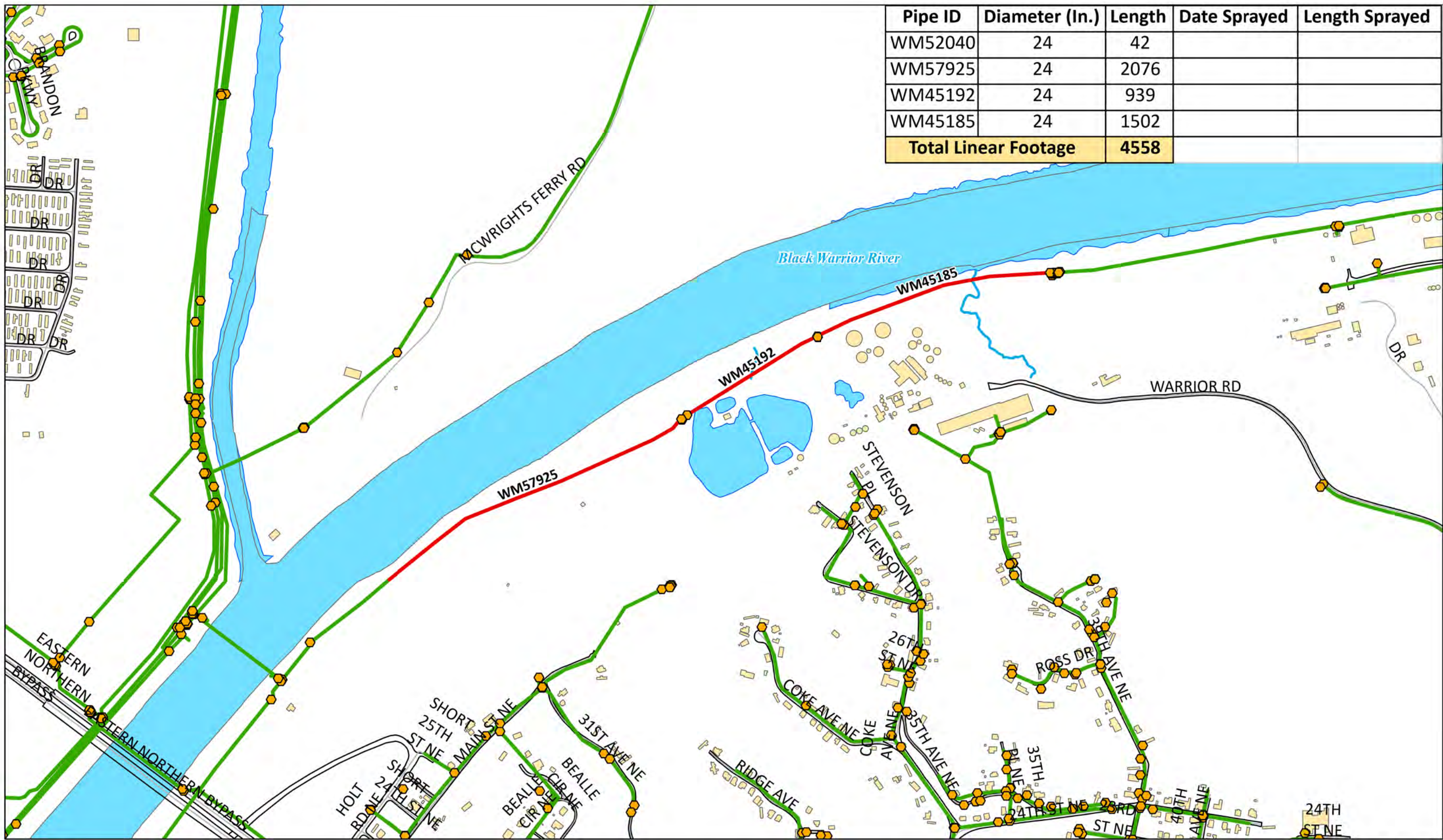
● Valves  
— Lines to Spray



## 2022 ROW SPRAY NEEDS



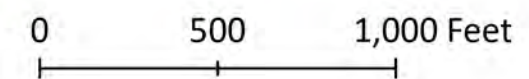
**Alt-1  
Water**

Pipe ID	Diameter (In.)	Length	Date Sprayed	Length Sprayed
WM52040	24	42		
WM57925	24	2076		
WM45192	24	939		
WM45185	24	1502		
<b>Total Linear Footage</b>		<b>4558</b>		



 Valves  
 Lines to Spray

## 2022 ROW SPRAY NEEDS



**Alt-2  
Water**



US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
3874	6930	230	3286		
3899	3901	416	6292		
3901	3909	450	6293		
3909	9141	300	6294		
3923	9150	357	6296		
3932	3933	220	6921		
3933	3934	284	6920		
3934	3935	224	6919		
6902	6907	207	3294		
6907	6908	175	3293		
6908	6909	125	3292		
6909	6912	321	3289		
6912	6915	369	3288		
6928	6932	172	3296		
6930	6942	391	3290		
6931	6930	195	3300		
6932	6931	269	3295		

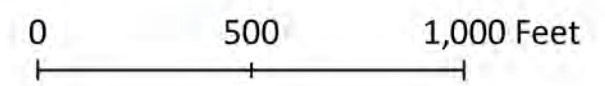


US Manhole	DS Manhole	Length	Lucity ID	Date Sprayed	Length Sprayed
6942	6948	218	3291		
6948	3899	377	6291		
9141	9142	315	9569		
9142	9143	155	9570		
9143	9149	237	9571		
9149	3923	241	6295		
9150	9151	140	9572		
9151	9152	275	9573		
9152	9153	412	9574		
9153	9154	308	9575		
9154	9155	188	9576		
9155	9156	245	9577		
9156	9157	244	9578		
9157	3932	302	6922		
6928A	6928	158	9972		
<b>Total Linear Footage</b>		<b>8517</b>			



● Manholes  
➔ Lines to Spray

## 2022 ROW SPRAY NEEDS



Alt-3