



Memorandum

TO: Arkansas Division of Environmental Quality
FROM: Tim Verner, P.E.
SUBJECT: City of West Memphis (AR0022039)
Amended CAO LIS 20-134-001
DATE: May 15, 2024
CC: WMU / File

CORRECTIVE ACTION HIGHLIGHTS

A. Program Highlights

- Completed SSES and Collection System Modeling
- Completed WWTP Hydraulic Assessment
- Completed Sanitary Sewer Rehab of over 600 structures
- Completed Replacement of PS 1
- Completed Upgrade to PS 9
- Completed Upgrade to PS 3
- Completed Point Repairs as identified in SSES
- Completed Bar Screen Replacement at WWTP
- Completed Design of PS 7 Rehabilitation
- Now under contract for WWTP Expansion (\$43,200,000)
- Developing Plans to Redirect flow from PS 10 to WWTP
- Replacement of PS 4 underway
- Scheduling Bid(s) for over 20,000 LF of CIPP, Pipe Bursting, and Pipe Replacement

B. Investments since beginning of CAP Actions in 2018

- Over \$27,700,000 has been spent to date for Planning, Design, and System Improvements
- Remaining costs for Projects under contract and planned projects include \$28,700,000 (WWTP), CIPP/Pipe Bursting/Pipe Replacement (\$6,500,000), PS 10 (\$2,000,000), Replacement of older pumps in PS 8 and PS 9 (\$750,000), Other (?)

West Memphis Utilities CAP Progress Overview

WEST MEMPHIS UTILITY COMMISSION
604 East Cooper
Phone: 870-735-3355
West Memphis, AR 72301



CAP Consent Order Projects 2019 - 2023 (Not Including WWTP)

2019 Sanitary Sewer Manhole Rehabilitation: Basins 3,4,8 & 17	\$	599,345.50	296 Manholes
2020 Sanitary Sewer Manhole Rehabilitation	\$	449,865.00	340 Manholes
2021 Sanitary Sewer Manholes and Line Repairs			
1. Auburn & Yale	\$	54,874.00	
2. Belmont & Vanderbilt	\$	112,752.00	
3. E. Madison & 7th Street	\$	256,082.00	
4. Broadway	\$	560,298.30	
5. Total	\$	984,006.30	
2022 Point Repairs - In Progress	\$	531,125.00	44 Repairs
2022 Rehab PS 3 & 4, New Force Main		3,207,330.80	
1. 2022 Rehab PS 3 & 4, New Force Main Material Order	\$	408,335.85	
2. 2022 Rehab PS 3 & 4, New Force Main Material Order	\$	2,425.48	
3. 2022 Rehab PS 3 & 4, New Force Main Material Order	\$	2,143.43	
4. 2022 Rehab PS 3 & 4, New Force Main Material Order	\$	13,246.83	
5. Total	\$	426,151.59	
2023 CIPP	\$	5,039,838.00	31,001.9 LF
Total	\$	11,237,662.19	

Priority One Manhole Rehabilitation Recommendations

Project Number 18342500 2019 West Memphis SSES

Manhole	Repair Description	Street Address	Construction LMH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infit (GPD)	Total (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-10B38	Replace Cover	2823 Oak Cv	Precast / N/A	Non-Paved	8.55	\$150	\$150	73.416		73.416	73.416	0.002	1
WM10N-13C8	Replace Cover/Frame/Frame Seal	151 Legion Rd	Precast / N/A	Non-Paved	12.17	\$1,050	\$1,200	27.749		27.749	101.165	0.038	2
WM10A-10V1	Complete Manhole Rehab w/ New Frame and Cover	205 Ingram Blvd	Precast / N/A	Paved	4.83	\$2,648	\$3,848	30.845		30.845	132,009	0.086	3
WM10A-10A5	Cementitious Coating and Replace Cover/Frame/Frame Seal	2214 Autumn Ave	Precast / N/A	Non-Paved	15.82	\$3,781	\$7,629	39.243	317	38,559	171,589	0.086	4
WM15A2-15X3	Cementitious Coating, Gout Lower 18" of Manhole, and Repair Bench/Trough	2507 E Burton Ave	None / N/A	Non-Paved	3.38	\$1,541	\$9,170	7.153		7.153	178,722	0.215	5
WM10A-10A10D	Realign Frame and install internal Chimney Seal	2004 Jackson Heights Cv	Precast / N/A	Paved	6.47	\$350	\$9,520	1.440		1.440	180,162	0.243	6
WM10N-10N11	Realign Frame and install internal Chimney Seal	2820 Autumn Ave	Brick / N/A	Paved	3.23	\$350	\$9,870	1.440		1.440	181,602	0.243	7
WM10N-10A17	Replace Cover/Frame/Frame Seal and Adjustment	2898 E. Tyler Ave	Not Visible / N/A	Non-Paved	7.72	\$1,500	\$11,370	5.904		5.904	187,506	0.254	8
WM10N-13B7	Replace Cover/Frame/Frame Seal	201 S Ok St	Rehab / N/A	Non-Paved	6.93	\$1,050	\$12,420	3.744		3.744	191,250	0.280	9
WM10A-10S1	Replace Cover/Frame/Frame Seal and Adjustment	400 Jackson Heights	Precast / N/A	Non-Paved	8.04	\$1,500	\$13,920	5.040		5.040	196,290	0.288	10
WM10A-10H6	Replace Cover/Frame/Frame Seal and Adjustment	2622 E Monroe Ave	Rehab / N/A	Non-Paved	2.80	\$1,500	\$15,420	5.040		5.040	201,330	0.288	11
WM10N-13B9	Replace Cover/Frame/Frame Seal and Adjustment	305 S Ok St	Rehab / N/A	Non-Paved	5.44	\$1,500	\$16,920	5.040		5.040	206,370	0.288	12
WM10N-10A44	Replace Cover/Frame/Frame Seal and Adjustment	309 Chestnut St	Precast / N/A	Non-Paved	6.17	\$1,500	\$18,420	5.040		5.040	211,410	0.288	13
WM10A-10S5	Replace Cover/Frame/Frame Seal and Adjustment	309 S 25th St	Precast / N/A	Non-Paved	5.07	\$1,500	\$19,920	5.040		5.040	216,450	0.288	14
WM10N-13Y4	Replace Cover/Frame/Frame Seal and Adjustment	3600 E Polk Ave	Poured / N/A	Non-Paved	8.88	\$1,500	\$21,420	5.040		5.040	221,490	0.288	15
WM10N-10B18D	Replace Cover/Frame/Frame Seal	2905 E Jackson Ave	Not Visible / N/A	Non-Paved	5.02	\$1,050	\$22,470	3.168		3.168	224,658	0.331	16
WM10N-10A18	Replace Cover/Frame/Frame Seal	2790 Elm Cv	None / N/A	Non-Paved	5.00	\$1,050	\$23,520	3.168		3.168	227,826	0.331	17
WM10A-10N1	Replace Cover/Frame/Frame Seal and Adjustment	612 S 22nd St	Precast / N/A	Non-Paved	13.70	\$1,500	\$25,020	4.176		4.176	232,002	0.359	18
WM15A2-15T2	Replace Cover/Frame/Frame Seal	503 Ingram Blvd	Rehab / N/A	Non-Paved	7.38	\$1,050	\$26,070	2.880		2.880	234,882	0.365	19
WM10A-10S3	Replace Cover/Frame/Frame Seal	2302 S.L. Henry St	None / N/A	Non-Paved	5.79	\$1,050	\$27,120	2.880		2.880	237,762	0.365	20
WM10A-10A16	Replace Cover/Frame/Frame Seal	2128 E Broadway St	Precast / N/A	Non-Paved	15.36	\$1,050	\$28,170	2.880		2.880	240,642	0.365	21
WM10A-10A15	Replace Cover/Frame/Frame Seal	2128 E Broadway St	Precast / N/A	Non-Paved	15.40	\$1,050	\$29,220	2.880		2.880	243,522	0.365	22
WM15A2-15U1	Replace Cover/Frame/Frame Seal	504 Hamilton St	Rehab / N/A	Non-Paved	7.45	\$1,050	\$30,270	2.880		2.880	246,402	0.365	23
WM10A-10L1A	Replace Cover/Frame/Frame Seal	609 S 25th St	None / N/A	Non-Paved	4.13	\$1,050	\$31,320	2.880		2.880	249,282	0.365	24
WM15A2-15T4	Replace Cover/Frame/Frame Seal	607 Ingram Blvd	Rehab / N/A	Non-Paved	4.98	\$1,050	\$32,370	2.880		2.880	252,162	0.365	25
WM10N-13Q1E	Replace Cover/Frame/Frame Seal	3850 E. Service Rd	Poured / N/A	Non-Paved	7.04	\$1,050	\$33,420	2.880		2.880	255,042	0.365	26
WM10N-10A13	Replace Cover/Frame/Frame Seal	2770 W Grove Dr	Rehab / N/A	Non-Paved	8.51	\$1,050	\$34,470	2.880		2.880	257,922	0.365	27
WM10N-10A12	Replace Cover/Frame/Frame Seal	2529 Tyler Cir	Precast / N/A	Non-Paved	4.80	\$1,050	\$35,520	2.880		2.880	260,802	0.365	28
WM10N-10A12	Replace Cover/Frame/Frame Seal	2460 E Tyler Ave	Rehab / N/A	Non-Paved	7.67	\$1,050	\$36,570	2.880		2.880	263,682	0.365	29
WM10N-10A15	Replace Cover/Frame/Frame Seal	308 Magnolia St	Precast / N/A	Non-Paved	4.62	\$1,050	\$37,620	2.880		2.880	266,562	0.365	30
WM10N-10A15	Replace Cover/Frame/Frame Seal	317 Cedar St	Precast / N/A	Non-Paved	6.10	\$1,050	\$38,670	2.880		2.880	269,442	0.365	31
WM10N-10A17	Replace Cover/Frame/Frame Seal	2558 Montclair Cir	Precast / N/A	Non-Paved	6.51	\$1,050	\$39,720	2.880		2.880	272,322	0.365	32
WM15A2-15L2	Replace Cover/Frame/Frame Seal	512 Hamilton St	Rehab / N/A	Non-Paved	6.70	\$1,050	\$40,770	2.880		2.880	275,202	0.365	33
WM10N-10A12	Replace Cover/Frame/Frame Seal	2699 S Grove Dr	Precast / N/A	Non-Paved	8.78	\$1,050	\$41,820	2.880		2.880	278,082	0.365	34
WM15A2-15S2	Replace Cover/Frame/Frame Seal	2201 Gathings Dr	Rehab / N/A	Non-Paved	6.85	\$1,050	\$42,870	2.880		2.880	280,962	0.365	35
WM10N-10A15	Replace Cover/Frame/Frame Seal	2768 Elm Cv	Rehab / N/A	Non-Paved	6.36	\$1,050	\$43,920	2.880		2.880	283,842	0.365	36

Tuesday, March 31, 2020

Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-10AV6	Replace Cover/Frame/Frame Seal	2786 Elm Cv	None / N/A	Non-Paved	5.81	\$1,050	\$44,970	2,880		2,880	286,722	0.365	37
WM15A2-15AB6	Replace Cover/Frame/Frame Seal	2315 S Service Rd	Precast / N/A	Non-Paved	6.91	\$1,050	\$46,020	2,880		2,880	286,802	0.365	38
WM10N-10BB1	Replace Cover/Frame/Frame Seal	2808 E Grove Dr	None / N/A	Non-Paved	4.40	\$1,050	\$47,070	2,880		2,880	287,482	0.365	39
WM10N-10BF1B	Replace Cover/Frame/Frame Seal	2808 E Polk Ave	Precast / N/A	Non-Paved	7.50	\$1,050	\$48,120	2,880		2,880	288,562	0.365	40
WM10N-13A1	Replace Cover/Frame/Frame Seal	3604 E Polk Ave	Precast / N/A	Non-Paved	14.18	\$1,050	\$49,170	2,880		2,880	288,242	0.365	41
WM10N-10AJ5	Replace Cover/Frame/Frame Seal	2875 E Tyler Ave	Not Visible / N/A	Non-Paved	7.95	\$1,050	\$50,220	2,880		2,880	301,122	0.365	42
WM15A2-15AB8	Replace Cover/Frame/Frame Seal	2100 E Barton Ave	Precast / N/A	Non-Paved	8.29	\$1,050	\$51,270	2,880		2,880	304,002	0.365	43
WM10N-10AV1	Replace Cover/Frame/Frame Seal	2898 S Grove Dr	Rehab / N/A	Non-Paved	9.13	\$1,050	\$52,320	2,880		2,880	306,882	0.365	44
WM10N-13C1C	Replace Cover/Frame/Frame Seal	3850 E Service Rd	Precast / N/A	Non-Paved	3.82	\$1,050	\$53,370	2,880		2,880	309,762	0.365	45
WM10N-10BL3	Replace Cover/Frame/Frame Seal	2850 E Jackson Ave	Rehab / N/A	Paved	5.88	\$1,650	\$55,020	4,176	317	4,493	314,255	0.367	46
WM10A-10AE4	Replace Bench/Trough, Repair Corbel, and Replace Cover	2308 E Broadway St	Rehab / N/A	Non-Paved	9.61	\$1,200	\$56,220	3,168		3,168	317,423	0.379	47
WM10N-13B5	Replace Cover/Frame/Frame Seal and Adjustment	3300 E Polk Ave	Rehab / N/A	Non-Paved	8.07	\$1,500	\$57,720	3,744		3,744	321,167	0.401	48
WM10A-10AD3	Replace Cover/Frame/Frame Seal and Adjustment	212 Battis St	Precast / N/A	Non-Paved	4.25	\$1,500	\$59,220	3,744		3,744	324,911	0.401	49
WM10A-10J1	Replace Cover/Frame/Frame Seal and Adjustment	613 S 23rd St	Rehab / N/A	Non-Paved	7.01	\$1,500	\$60,720	3,744		3,744	328,655	0.401	50
WM10N-10AS1	Replace Cover/Frame/Frame Seal and Adjustment	316 Cedar St	Precast / N/A	Non-Paved	5.92	\$1,500	\$62,220	3,744		3,744	332,399	0.401	51
WM10N-10AY2	Replace Cover/Frame/Frame Seal and Adjustment	2816 S Grove Dr	Rehab / N/A	Non-Paved	5.60	\$1,500	\$63,720	3,744		3,744	336,143	0.401	52
WM10N-10AT2	Replace Cover/Frame/Frame Seal and Adjustment	2520 Tyler Cir	Precast / N/A	Non-Paved	9.80	\$1,500	\$65,220	3,744		3,744	339,887	0.401	53
WM10N-10BF1	Complete Manhole Rehab w/ New Cover	2800 E Polk Ave	Rehab / N/A	Non-Paved	9.40	\$2,254	\$67,474	5,256	289	5,515	345,402	0.409	54
WM15A2-15B2	Complete Manhole Rehab w/ New Frame and Cover	404 Ingram Blvd	Rehab / N/A	Non-Paved	8.10	\$2,921	\$70,395	6,768	360	7,128	352,530	0.410	55
WM10A-10AX1	Replace Cover/Frame/Frame Seal and Adjustment	2871 Elm Cv	None / N/A	Non-Paved	5.83	\$1,500	\$71,895	3,600		3,600	356,130	0.417	56
WM15A2-15M3	Complete Manhole Rehab w/ New Cover	1828 Sula Ln	Rehab / N/A	Non-Paved	4.81	\$1,520	\$73,414	3,096	547	3,643	359,773	0.417	57
WM10A-10B1A	Replace Cover/Frame/Frame Seal and Adjustment	604 S 22nd St	Rehab / N/A	Non-Paved	8.70	\$1,500	\$74,914	3,600		3,600	363,373	0.417	58
WM10N-10BL3A1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2850 E Jackson Ave	Rehab / N/A	Non-Paved	5.04	\$3,100	\$78,014	3,312	4,003	7,315	370,688	0.424	59
WM10N-10BF2	Complete Manhole Rehab w/ New Frame and Cover	2814 E Polk Ave	Rehab / N/A	Non-Paved	9.00	\$3,065	\$81,079	4,752	2,160	6,912	377,600	0.443	60
WM10N-12D1	Replace Cover/Frame/Frame Seal and Adjustment	205 N Walker Ave	None / N/A	Non-Paved	9.40	\$1,500	\$82,579	3,384		3,384	380,984	0.443	61
WM15A2-15S6	Replace Cover/Frame/Frame Seal and Adjustment	2301 Gathings Dr	Rehab / N/A	Non-Paved	6.33	\$1,500	\$84,079	3,312		3,312	384,296	0.453	62
WM13A3-13AB4	Replace Cover/Frame/Frame Seal and Adjustment	3506 Church St	Precast / N/A	Non-Paved	11.40	\$1,500	\$85,579	3,312		3,312	387,608	0.453	63
WM10N-25C4	Replace Cover/Frame/Frame Seal and Adjustment	5000 Commerce St	Precast / N/A	Non-Paved	7.18	\$1,500	\$87,079	3,312		3,312	389,920	0.453	64
WM10N-25A6	Replace Cover/Frame/Frame Seal and Adjustment	400 Mound City Rd	Precast / N/A	Non-Paved	11.75	\$1,500	\$88,579	3,312		3,312	394,232	0.453	65
WM10N-12M7	Replace Cover/Frame/Frame Seal and Adjustment	2901 E Service Rd	Not Visible / N/A	Non-Paved	3.45	\$1,500	\$90,079	3,312		3,312	397,544	0.453	66
WM10N-10BC3	Replace Cover/Frame/Frame Seal and Adjustment	315 S Walker Ave	Precast / N/A	Non-Paved	11.40	\$1,500	\$91,579	3,312		3,312	400,856	0.453	67
WM10N-13C1	Replace Cover/Frame/Frame Seal and Adjustment	3606 E Polk Ave	Precast / N/A	Non-Paved	13.20	\$1,500	\$93,079	3,240		3,240	404,096	0.463	68
WM15A2-15V3	Cementitious Coating and Grout Pipe Seals	507 Hamilton St	Rehab / N/A	Non-Paved	5.39	\$1,512	\$94,592	3,096		3,096	407,192	0.469	69
WM15A2-15S9	Cementitious Coating and Grout Pipe Seals	2501 Gathings Dr	Rehab / N/A	Non-Paved	5.49	\$1,528	\$96,120	3,096		3,096	410,288	0.484	70
WM15A2-15A8	Repair Corbel and Replace Cover/Frame/Frame Seal and Adjustment	806 Ingram Blvd	Rehab / N/A	Non-Paved	7.71	\$2,000	\$98,120	4,032		4,032	414,320	0.486	71
WM10A-10H2A	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2300 E Monroe Ave	Precast / N/A	Non-Paved	5.20	\$3,100	\$101,220	5,604	288	6,192	420,512	0.501	72
WM13A3-13W2A	Replace Cover/Frame/Frame Seal	3600 E Broadway St	Precast / N/A	Paved	3.95	\$1,450	\$102,670	2,880		2,880	423,392	0.503	73
WM15A2-15S8	Cementitious Coating and Grout Pipe Seals	2405 Gathings Dr	Rehab / N/A	Non-Paved	5.69	\$1,560	\$104,231	3,096		3,096	426,488	0.504	74

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Manhole	Repair Description	Street Address	Construction / MHI Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infiltr (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-13C2	Complete Manhole Rehab w/ New Frame and Cover	3606 E Polk Ave	Precast / N/A	Non-Paved	14.45	\$3,937	\$108,168	5.328	2,477	7,805	434,293	0.504	75
WM15A2-15D7	Replace Adjustment, Realign Frame , and Install External Chimney Seal	531 N 18th St	Rehab / N/A	Non-Paved	4.85	\$1,200	\$109,368	2.376		2,376	436,669	0.505	76
WM10N-10Z2	Complete Manhole Rehab w/ New Cover	2308 E Broadway St	Precast / N/A	Non-Paved	12.15	\$2,694	\$112,062	5.040	259	5,299	441,968	0.508	77
WM15A2-15Y3	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	607 E Woodlawn St	None / N/A	Non-Paved	3.91	\$1,626	\$113,687	3.096		3,096	445,064	0.525	78
WM15A2-15X1	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2503 N Woodlawn St	None / N/A	Non-Paved	4.04	\$1,646	\$115,334	3.096		3,096	448,160	0.532	79
WM10N-13C4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	151 Legion Rd	Precast / N/A	Non-Paved	15.05	\$3,100	\$118,434	5.040	720	5,760	453,920	0.538	80
WM15A2-15Y2	Cementitious Coating and Grout Pipe Seals	2404 N Gathings Dr	Rehab / N/A	Non-Paved	6.48	\$1,687	\$120,120	3.096		3,096	457,016	0.545	81
WM15A2-15V5	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	703 Hamilton St	None / N/A	Non-Paved	4.31	\$1,690	\$121,810	3.096		3,096	460,112	0.548	82
WM15A2-15V4	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2401 E Woodlawn St	None / N/A	Non-Paved	4.34	\$1,694	\$123,504	3.096		3,096	463,208	0.547	83
WM15A2-15X2	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	608 E Woodlawn St	None / N/A	Non-Paved	4.40	\$1,704	\$125,208	3.096	288	3,096	466,304	0.550	84
WM10N-12G6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3603 Beatty St	None / N/A	Non-Paved	3.82	\$3,100	\$128,308	5.328		5,616	471,920	0.552	85
WM10N-10A5A	Replace Adjustment, Realign Frame , and Install External Chimney Seal	2775 Elm Cv	Rehab / N/A	Non-Paved	5.54	\$1,200	\$129,508	2.160		2,160	474,080	0.556	86
WM15A2-15V1	Cementitious Coating and Grout Pipe Seals	2402 N Gathings Dr	Rehab / N/A	Non-Paved	6.76	\$1,732	\$131,240	3.096		3,096	477,176	0.559	87
WM15A2-15W3	Replace Cover/Frame/Frame Seal	2601 Gathings Dr	Rehab / N/A	Paved	2.98	\$1,450	\$132,690	2.592		2,592	479,768	0.559	88
WM15A2-15S11	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2513 Gathings Dr	None / N/A	Non-Paved	4.81	\$1,770	\$134,460	3.096		3,096	482,864	0.572	89
WM10A-10S4	Cementitious Coating and Replace Cover/Frame/Frame Seal and Adjustment	2302 S.L. Henry St	Precast / N/A	Non-Paved	5.00	\$2,350	\$136,810	3.744	360	4,104	486,968	0.573	90
WM10N-10BFS3	Complete Manhole Rehab w/ New Frame and Cover	3010 E Polk Ave	Brick / N/A	Non-Paved	8.19	\$3,095	\$139,905	5.040	360	5,789	489,757	0.578	92
WM10N-25A2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	4200 Petro Rd	Precast / N/A	Non-Paved	10.75	\$3,100	\$143,005	5.472	317	5,400	492,368	0.573	91
WM10N-25F5	Cementitious Coating and Replace Cover/Frame/Frame Seal and Adjustment	3850 E Service Rd	Precast / N/A	Non-Paved	5.44	\$2,480	\$145,485	4.608	605	5,213	500,370	0.585	93
WM10A-10A18	Complete Manhole Rehab w/ New Cover	205 Ingram Blvd	Precast / N/A	Non-Paved	7.10	\$1,886	\$150,096	2.880	259	3,139	507,474	0.600	94
WM10N-12M5	Cementitious Coating and Replace Cover/Frame/Frame Seal	3100 Church St	Rehab / N/A	Non-Paved	4.83	\$2,023	\$152,719	2.880	360	3,240	513,853	0.624	96
WM10N-25B5	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3804 Petro Rd	Precast / N/A	Non-Paved	10.10	\$3,100	\$155,819	4.320	648	4,968	518,821	0.624	97
WM10N-10BD1	Replace Cover/Frame/Frame Seal	2412 Autumn Ave	Rehab / N/A	Non-Paved	9.72	\$1,050	\$156,869	1.656		1,656	520,477	0.634	98
WM15A2-15N3	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	1805 Wheeler Ave	Rehab / N/A	Non-Paved	4.62	\$2,739	\$159,608	4.032	259	4,291	524,768	0.639	99
WM10N-10BF4	Complete Manhole Rehab w/ New Frame and Cover	3005 E Broadway Ave	Brick / N/A	Non-Paved	8.53	\$2,990	\$162,598	4.320	360	4,680	529,448	0.659	100
WM10N-10AV7	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2786 Elm Cv	None / N/A	Non-Paved	5.83	\$3,100	\$165,698	4.536	288	4,824	534,272	0.643	101
WM10N-13Q1B	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3850 E Service Rd	Precast / N/A	Non-Paved	3.70	\$3,100	\$168,798	4.032	648	4,680	538,952	0.662	102
WM10N-10AJ9	Replace Cover/Frame/Frame Seal and Adjustment	2802 E Tyler Ave	Precast / N/A	Non-Paved	4.70	\$1,500	\$170,298	2.232		2,232	541,184	0.672	103
WM10A-10AE1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2306 E Broadway St	Rehab / N/A	Non-Paved	10.62	\$3,100	\$173,398	4.320	288	4,608	545,792	0.673	104
WM15A2-15AA5	Cementitious Coating and Grout Pipe Seals	2406 Talenwood Dr	Not Visible / N/A	Paved	5.34	\$1,504	\$174,903	2.232		2,232	548,024	0.674	105
WM15A2-15N1	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	3850 E Service Rd	Precast / N/A	Non-Paved	7.45	\$3,192	\$178,095	4.032	605	4,637	552,661	0.688	106
WM13A3-13A13	Replace Adjustment, Realign Frame , and Install External Chimney Seal	2005 Wheeler Ave	Rehab / N/A	Non-Paved	8.06	\$1,150	\$179,245	1.368	288	1,656	554,317	0.694	107
WM10N-13C1	Replace Cover/Frame/Frame Seal and Adjustment	800 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	8.85	\$1,200	\$180,445	1.728		1,728	556,045	0.694	108
WM10N-10AJ1	Grout Lower 18" of Manhole and Repair Bench/Trough	3850 E Service Rd	Precast / N/A	Non-Paved	10.12	\$1,500	\$181,945	2.160		2,160	558,205	0.694	109
WM15A2-15AB2	Replace Cover/Frame/Frame Seal and Adjustment	405 S 25th St	Precast / N/A	Paved	11.38	\$1,000	\$182,945		1,440	1,440	559,645	0.694	110
WM15A2-15AD1A	Cementitious Coating and Grout Pipe Seals	2307 Wheeler Ave	Rehab / N/A	Non-Paved	6.59	\$1,500	\$184,445	2.160		2,160	561,805	0.694	111
		2306 Goodwin Ave	Rehab / N/A	Paved	5.66	\$1,556	\$186,000	1.656	547	2,203	564,008	0.706	112

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Manhole	Repair Description	Street Address	Construction (LHM Type)	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infiltration (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-12D4	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	3000 E Broadway Ave	Brick / N/A	Non-Paved	8.35	\$3,336	\$189,236	4,032	648	4,680	586,688	0.713	113
WM10N-10BG5	Replace Cover/Frame/Frame Seal	3105 E Polk Ave	None / N/A	Paved	3.85	\$1,450	\$190,786	2,016		2,016	570,704	0.719	114
WM15A2-15AE1A	Replace Cover/Frame/Frame Seal	2406 Tallwood Dr	Not Visible / N/A	Non-Paved	5.15	\$1,050	\$191,836	1,440		1,440	572,144	0.729	115
WM10A-10AX2	Replace Cover/Frame/Frame Seal	2750 Elm Cr	None / N/A	Non-Paved	5.42	\$1,050	\$192,886	1,440		1,440	573,584	0.729	116
WM15A2-15L3	Replace Cover/Frame/Frame Seal	2303 E Burton Ave	Rehab / N/A	Non-Paved	6.00	\$1,050	\$193,936	1,440		1,440	575,024	0.729	117
WM10N-12M6	Replace Cover/Frame/Frame Seal	2901 E Service Rd	None / N/A	Non-Paved	4.88	\$1,050	\$194,986	1,440		1,440	576,464	0.729	118
WM10N-13Q1L	Replace Cover/Frame/Frame Seal	3874 E Service Rd	Precast / N/A	Non-Paved	6.74	\$1,050	\$196,036	1,440		1,440	577,904	0.729	119
WM10N-10BC2	Replace Cover/Frame/Frame Seal	318 Peachtree St	Precast / N/A	Non-Paved	11.04	\$1,050	\$197,086	1,440		1,440	579,344	0.729	120
WM10A-10H2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2312 E Monroe St	Rehab / N/A	Non-Paved	6.88	\$3,100	\$200,186	3,680	288	4,248	583,592	0.730	121
WM15A2-15N4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	1805 Wheeler Ave	None / N/A	Non-Paved	3.30	\$3,100	\$203,286	3,680	288	4,248	587,840	0.730	122
WM15A2-15A5	Complete Manhole Rehab, Internal Chimney Seal, and New Cover	2100 E Burton Ave	Rehab / N/A	Non-Paved	12.39	\$3,132	\$206,419	3,960	259	4,219	592,059	0.742	123
WM15A2-15A9	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	906 Ingram Blvd	Rehab / N/A	Non-Paved	9.10	\$3,456	\$209,875	4,392	259	4,651	596,711	0.743	124
WM10N-13C8	Replace Cover/Frame/Frame Seal and Adjustment	151 Legion Rd	Precast / N/A	Non-Paved	13.56	\$1,500	\$211,375	2,016		2,016	598,727	0.744	125
WM10A-10AE1A	Replace Cover/Frame/Frame Seal and Adjustment	2300 Stuart Ave	Precast / N/A	Non-Paved	2.82	\$1,500	\$212,875	2,016		2,016	600,743	0.744	126
WM15A2-15S3	Replace Cover/Frame/Frame Seal and Adjustment	2203 Gatlinga Dr	Rehab / N/A	Non-Paved	6.88	\$1,500	\$214,375	2,016		2,016	602,759	0.744	127
WM10N-10AT6	Complete Manhole Rehab w/ New Frame and Cover	2216 E Broadway St	None / N/A	Paved	3.54	\$2,441	\$216,816	2,880	360	3,240	605,999	0.754	128
WM10N-10BF2	Replace Cover/Frame/Frame Seal	2911 S.L. Henry St	Precast / N/A	Non-Paved	9.82	\$1,050	\$217,866	1,368		1,368	607,367	0.758	129
WM10N-10BL2	Replace Cover/Frame/Frame Seal	3880 E Service Rd	Precast / N/A	Non-Paved	8.04	\$3,100	\$222,016	3,744	288	4,032	612,407	0.769	131
WM10N-13Q1M	Repair Corbel, and Replace Cover/Frame/Frame Seal	2810 Autumn Ave	None / N/A	Paved	4.80	\$1,950	\$223,966	2,292	259	2,491	615,258	0.783	132
WM15A2-15J1	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	528 E McAuley Dr	None / N/A	Non-Paved	3.30	\$1,528	\$225,494	1,944		1,944	617,202	0.786	133
WM10N-25F2	Complete Manhole Rehab w/ New Frame and Cover	4000 I 55	Precast / N/A	Non-Paved	7.46	\$2,819	\$228,313	3,168	360	3,528	620,730	0.789	134
WM15A2-15A2	Complete Manhole Rehab w/ New Cover	2101 Gatlinga Dr	Rehab / N/A	Non-Paved	12.11	\$2,688	\$231,000	3,096	259	3,355	624,085	0.801	135
WM10N-25E1	Complete Manhole Rehab w/ New Frame and Cover	4300 Petro Rd	Precast / N/A	Non-Paved	6.73	\$1,677	\$232,677	1,440	648	2,088	626,173	0.803	136
WM10N-25B4	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	4250 Petro Rd	Precast / N/A	Non-Paved	10.28	\$3,645	\$236,322	3,960	576	4,536	630,709	0.804	137
WM10A-10AB3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	147 Stuart Ave	Rehab / N/A	Non-Paved	7.10	\$3,100	\$239,422	3,528	288	3,816	634,525	0.812	138
WM10N-13B2	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	3600 E Polk Ave	Rehab / N/A	Non-Paved	11.01	\$3,782	\$243,183	4,032	576	4,608	639,133	0.816	139
WM10N-10BF1A	Complete Manhole Rehab w/ New Frame and Cover	2900 E Polk Ave	Rehab / N/A	Non-Paved	7.65	\$2,897	\$246,080	3,168	360	3,528	642,661	0.821	140
WM15A2-15AG2	Grout Wall/Joints	1300 Ingram Blvd	Precast / N/A	Non-Paved	3.95	\$263	\$246,344		317	317	642,978	0.831	141
WM10A-14A1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	476 Stuart Ave	Rehab / N/A	Non-Paved	12.96	\$3,100	\$249,444	2,880	835	3,715	646,693	0.834	142
WM15A2-15P1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2007 S Service Rd	None / N/A	Paved	6.80	\$3,500	\$252,944	3,600	576	4,176	650,869	0.838	143
WM10N-13D8	Complete Manhole Rehab w/ New Frame and Cover	4261 E Broadway Ave	Precast / N/A	Non-Paved	11.88	\$2,501	\$255,445	2,376	576	2,952	653,821	0.847	144
WM10A-10AA3	Cementitious Coating and Replace Cover/Frame/Frame Seal	120 Stuart Ave	Rehab / N/A	Non-Paved	9.61	\$2,789	\$258,232	2,880	360	3,240	657,061	0.860	145
WM10N-13Q1K	Complete Manhole Rehab w/ New Frame and Cover	3982 E Service Rd	Precast / N/A	Non-Paved	8.87	\$3,044	\$261,276	3,168	317	3,485	660,546	0.874	146
WM10A-10D4	Replace Cover/Frame/Frame Seal	2212 Autumn Ave	None / N/A	Paved	5.67	\$1,450	\$262,726	1,368	288	1,656	662,202	0.876	147
WM10N-25A1	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	4300 Petro Rd	Precast / N/A	Non-Paved	13.82	\$4,227	\$266,954	3,744	1,037	4,781	666,983	0.884	148
WM13A3-13A8	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	3506 Church St	Precast / N/A	Non-Paved	12.15	\$3,944	\$270,898	4,176	259	4,435	671,418	0.889	149
WM15A2-15AF7	Replace Cover/Frame/Frame Seal	2400 N Service Rd	Precast / N/A	Non-Paved	4.55	\$1,050	\$271,948	864	317	1,181	672,599	0.889	150

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Manhole	Repair Description	Street Address	Construction (MH Type)	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-1301J	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3850 E Service Rd	Precast / N/A	Non-Paved	4.87	\$3,100	\$275,048	2,880	605	3,485	676,083	0.880	151
WM13A-13A2	Complete Manhole Rehab w/ New Cover	201 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	14.04	\$2,986	\$278,044	3,096	259	3,355	679,439	0.883	152
WM10N-10A21	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2802 E Grove Dr	None / N/A	Non-Paved	4.10	\$3,100	\$281,144	3,168	288	3,456	682,895	0.887	153
WM10N-1301G	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3892 E Service Rd	Poured / N/A	Non-Paved	7.02	\$3,100	\$284,244	2,880	576	3,456	686,351	0.887	154
WM15A2-15D1	Complete Manhole Rehab w/ New Cover	505 E McAlvey Dr	Rehab / N/A	Paved	6.29	\$1,756	\$286,000	1,368	576	1,944	688,295	0.903	155
WM13A-13P1A	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3710 Service Loop Road	Precast / N/A	Non-Paved	7.25	\$3,100	\$289,100	2,880	547	3,427	691,722	0.905	156
WM13A-13W1	Complete Manhole Rehab w/ New Cover	3600 E Broadway St	Precast / N/A	Non-Paved	13.10	\$2,846	\$291,946	2,880	259	3,139	694,861	0.907	157
WM13A-13A7	Complete Manhole Rehab w/ New Cover	300 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	13.15	\$2,854	\$294,800	2,880	259	3,139	698,000	0.909	158
WM10N-10A18	Replace Cover/Frame/Frame Seal	2700 E Tyler Ave	Rehab / N/A	Non-Paved	6.61	\$1,050	\$295,850	1,152		1,152	699,152	0.911	159
WM15A2-15S1	Replace Cover/Frame/Frame Seal	2101 Gathings Dr	Rehab / N/A	Non-Paved	5.99	\$1,050	\$296,900	1,152		1,152	700,304	0.911	160
WM10N-10B04	Replace Cover/Frame/Frame Seal	315 S Walker Ave	Precast / N/A	Non-Paved	13.05	\$1,050	\$297,950	1,152		1,152	701,456	0.911	161
WM15A2-15S4	Replace Cover/Frame/Frame Seal	2203 Gathings Dr	Rehab / N/A	Non-Paved	6.35	\$1,050	\$299,000	1,152		1,152	702,608	0.911	162
WM10N-10A15	Replace Cover/Frame/Frame Seal	225 S 25th St	Rehab / N/A	Non-Paved	5.59	\$1,050	\$300,050	1,152		1,152	703,760	0.911	163
WM10A-14A9	Replace Cover/Frame/Frame Seal	2706 Church St	None / N/A	Non-Paved	4.50	\$1,050	\$301,100	1,152		1,152	704,912	0.911	164
WM10A-10W1	Replace Cover/Frame/Frame Seal	106 S 22nd St	Precast / N/A	Non-Paved	6.40	\$1,050	\$302,150	1,152		1,152	706,064	0.911	165
WM10A-10H5	Replace Cover/Frame/Frame Seal	2610 E Monroe Ave	None / N/A	Non-Paved	4.19	\$1,050	\$303,200	1,152		1,152	707,216	0.911	166
WM10A-10A01	Replace Cover/Frame/Frame Seal	314 Chestnut St	Poured / N/A	Non-Paved	4.54	\$1,050	\$304,250	1,152		1,152	708,368	0.911	167
WM10A-10A01	Replace Cover/Frame/Frame Seal	2529 Tyler Cir	None / N/A	Non-Paved	5.65	\$1,050	\$305,300	1,152		1,152	709,520	0.911	168
WM10A-10A01	Replace Cover/Frame/Frame Seal	2503 Tyler Cir	Precast / N/A	Non-Paved	5.00	\$1,050	\$306,350	1,152		1,152	710,672	0.911	169
WM10A-10A03	Replace Cover/Frame/Frame Seal	517 N 18th St	Rehab / N/A	Non-Paved	4.21	\$3,100	\$309,450	3,096	288	3,384	714,056	0.916	170
WM15A2-15D8	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	607 S 25th St	None / N/A	Non-Paved	4.75	\$3,100	\$312,550	3,096	288	3,384	717,440	0.916	171
WM10A-10L1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3710 Service Loop Road	Precast / N/A	Non-Paved	12.00	\$3,920	\$316,470	3,960	259	4,219	721,659	0.929	172
WM10N-25C1	Grout Wall/Joints and Install External Chimney Seal	4112 E Service Rd	Precast / N/A	Non-Paved	8.00	\$1,106	\$317,576	864	317	1,181	722,840	0.937	173
WM10N-10B1E	Replace Bench/Trough, Repair Corbel, and Replace Cover	2850 E Jackson Ave	None / N/A	Paved	2.98	\$1,650	\$319,226	1,440	317	1,757	724,597	0.939	174
WM13A-13A6	Cementitious Coating and Replace Cover/Frame/Frame Seal	300 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	10.91	\$2,986	\$322,222	2,880	288	3,168	727,765	0.946	175
WM10N-10B1B	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2850 E Jackson Ave	Rehab / N/A	Non-Paved	4.91	\$3,100	\$325,322	2,304	965	3,269	731,034	0.948	176
WM10A-10A02	Complete Manhole Rehab w/ New Frame and Cover	112 Stuart Ave	Rehab / N/A	Paved	9.64	\$3,417	\$328,739	3,168	360	3,528	734,562	0.969	177
WM10A-10Z1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2216 E Broadway St	Precast / N/A	Paved	10.24	\$3,500	\$332,239	3,312	288	3,600	738,162	0.972	178
WM10N-10A73	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2841 Oak Cv	None / N/A	Non-Paved	4.82	\$3,100	\$335,339	2,880	288	3,168	741,330	0.979	179
WM10N-10A74	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2819 Oak Cv	None / N/A	Non-Paved	3.80	\$3,100	\$338,439	2,880	288	3,168	744,498	0.979	180
WM10A-10A70	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2806 Oak Cv	None / N/A	Non-Paved	3.20	\$3,100	\$341,539	2,880	288	3,168	747,666	0.979	181
WM10A-10A74	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2763 Elm Cv	Rehab / N/A	Non-Paved	7.25	\$3,100	\$344,639	2,880	288	3,168	750,834	0.979	182
WM13A-13A12	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	800 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	9.30	\$3,100	\$347,739	2,880	288	3,168	754,002	0.979	183
WM10N-25A5	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	615 Pairo Cv	Precast / N/A	Non-Paved	12.42	\$3,100	\$350,839	2,880	288	3,168	757,170	0.979	184
WM13A-13W2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3600 E Broadway St	Precast / N/A	Non-Paved	1.30	\$3,100	\$353,939	2,880	288	3,168	760,338	0.979	185
WM10N-10B15	Replace Cover/Frame/Frame Seal	2813 E Jackson Ave	Rehab / N/A	Paved	5.51	\$1,450	\$355,389	1,152	317	1,469	761,807	0.987	186
WM10A-10A79	Replace Bench/Trough and Replace Cover/Frame/Frame Seal and Adjustment	2804 Oak Cv	None / N/A	Non-Paved	4.32	\$2,500	\$357,889	2,232	288	2,520	764,327	0.992	187
WM15A2-15Z1	Replace Cover/Frame/Frame Seal	2100 E Burton Ave	Rehab / N/A	Paved	5.00	\$1,450	\$359,339	1,440		1,440	765,767	1.007	188

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Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-12K5	Replace Cover/Frame/Frame Seal	2902 Beatty St	None / N/A	Paved	3.26	\$1,450	\$360,789	1,440		1,440	767,207	1,007	189
WM10N-12Q2	Replace Cover/Frame/Frame Seal	2912 Church St	None / N/A	Paved	4.16	\$1,450	\$362,239	1,440		1,440	768,647	1,007	190
WM15A2-15Y1	Replace Cover/Frame/Frame Seal	2503 Hamilton St	Rehab / N/A	Paved	4.00	\$1,450	\$363,689	1,440		1,440	770,087	1,007	191
WM10A-10BE1	Replace Cover/Frame/Frame Seal	3104 E Broadway St	Rehab / N/A	Paved	4.45	\$1,450	\$365,139	1,440		1,440	771,527	1,007	192
WM15A2-33A16	Replace Cover/Frame/Frame Seal	1401 Ingram Blvd	Precast / N/A	Paved	6.85	\$1,450	\$366,589	1,152	288	1,440	772,967	1,007	193
WM10A-10A11	Complete Manhole Rehab w/ New Cover	2211 Jackson Heights	Precast / N/A	Non-Paved	18.80	\$3,774	\$370,363	2,880	835	3,715	776,682	1,016	194
WM15A2-15P2	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2003 E Service Rd	None / N/A	Paved	4.85	\$1,744	\$372,107	1,440	259	1,699	778,381	1,026	195
WM10N-10A16	Cementitious Coating and Replace Cover/Frame/Frame Seal	2896 E Tyler Ave	Rehab / N/A	Non-Paved	8.67	\$2,689	\$374,777	1,152	1,440	2,592	780,973	1,030	196
WM10N-13Q1D	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3950 E. Service Rd	Precast / N/A	Paved	4.49	\$3,500	\$378,277	3,096	288	3,384	784,357	1,034	197
WM15A2-15W1	Cementitious Coating and Grout Pipe Seals	2407 N Gathings Dr	Rehab / N/A	Non-Paved	4.79	\$1,416	\$379,693	1,368		1,368	785,725	1,035	198
WM10A-10AE2	Replace Cover/Frame/Frame Seal	2306 E Broadway St	Rehab / N/A	Non-Paved	10.16	\$1,050	\$380,743	1,008		1,008	786,733	1,042	199
WM15A2-15S7	Cementitious Coating and Grout Pipe Seals	2401 Gathings Dr	Rehab / N/A	Non-Paved	5.40	\$1,514	\$382,257	1,440		1,440	788,173	1,051	200
WM10N-13C5	Cementitious Coating and Replace Cover/Frame/Frame Seal	151 Legion Rd	Precast / N/A	Non-Paved	15.25	\$3,690	\$385,947	2,880	605	3,485	791,658	1,059	201
WM10A-10H3	Replace Cover/Frame/Frame Seal	2410 E Monroe Ave	Rehab / N/A	Paved	6.95	\$1,450	\$387,397	1,368		1,368	793,026	1,060	202
WM10A-10D7	Replace Cover/Frame/Frame Seal	2500 Autumn Ave	None / N/A	Paved	3.29	\$1,450	\$388,847	1,368		1,368	794,394	1,060	203
WM10N-12B3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	205 N OK St	Rehab / N/A	Non-Paved	10.15	\$3,100	\$391,947	2,376	547	2,923	797,317	1,060	204
WM15A2-15P3	Replace Cover/Frame/Frame Seal	1805 S Service Rd	Rehab / N/A	Paved	4.43	\$1,450	\$393,397	1,368		1,368	798,685	1,060	205
WM10N-10BL3D	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2360 E Jackson Ave	Rehab / N/A	Non-Paved	4.88	\$3,100	\$396,497	2,304	547	2,851	801,536	1,087	206
WM15A2-15AA1	Complete Manhole Rehab w/ New Cover	2306 Goodwin Ave	Rehab / N/A	Paved	7.00	\$1,870	\$398,367	1,440	259	1,699	803,235	1,101	207
WM10N-13B4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3400 E Polk Ave	Rehab / N/A	Paved	8.80	\$3,500	\$401,867	2,880	288	3,168	806,403	1,105	208
WM15A2-15G1	Repair Corbel and Replace Cover/Frame/Frame Seal and Adjustment	553 Julia St	None / N/A	Non-Paved	3.04	\$2,000	\$403,867	1,800		1,800	808,203	1,111	209

Report Totals: Total Cost: \$403,867

Total Inflow:

762,902

Total Infiltration:

45,301

Total Inflow:

808,203

West Memphis, AR



Priority Two Manhole Rehabilitation Recommendations

Project Number 18342500 2019 West Memphis SSSES

Manhole	Repair Description	Street Address	Construction LMH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio \$/GPD	Count
WM10N-10BC1	Complete Manhole Rehab w/ New Frame and Cover	412 S 25th St	Precast / N/A	Non-Paved	12.64	\$3,647	\$3,647	2,880	317	3,197	3,197	1.141	1
WM10A-10A14	Complete Manhole Rehab w/ New Frame and Cover	2202 E Broadway St	Precast / N/A	Non-Paved	15.19	\$4,055	\$7,703	3,168	360	3,528	6,725	1.149	2
WM10A-10A8	Complete Manhole Rehab w/ New Cover	408 Jackson Heights	Precast / N/A	Paved	18.47	\$3,705	\$11,408	2,952	259	3,211	9,936	1.154	3
WM15A2-15L1	Complete Manhole Rehab w/ New Cover	705 E McAulley Dr	Rehab / N/A	Paved	7.22	\$1,905	\$13,313	1,368	259	1,627	11,653	1.171	4
WM15A2-15L8	Complete Manhole Rehab w/ New Cover	1805 N McAulley Dr	Rehab / N/A	Non-Paved	4.21	\$1,424	\$14,737	936	259	1,195	12,758	1.191	5
WM15A2-15AF6	Repair Corbel and Replace Bench/Trough	2400 N Service Rd	Precast / N/A	Non-Paved	4.25	\$1,500	\$16,237	288	965	1,253	14,011	1.197	6
WM10N-13C3	Complete Manhole Rehab w/ New Frame and Cover	3806 E Polk Ave	Precast / N/A	Non-Paved	15.95	\$4,177	\$20,414	3,168	317	3,485	17,496	1.199	7
WM15A2-15S10	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2508 Gathings Dr	None / N/A	Non-Paved	4.04	\$1,646	\$22,060	1,368		1,368	18,864	1.204	8
WM10N-25C5	Replace Cover/Frame/Frame Seal	4000 I 55	Precast / N/A	Non-Paved	5.70	\$1,050	\$23,110	864		864	19,728	1.215	9
WM10A-10A10A	Replace Cover/Frame/Frame Seal	311 Jackson Heights	Precast / N/A	Non-Paved	3.85	\$1,050	\$24,160	864		864	20,592	1.215	10
WM10N-10A12	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2507 E Tyler Ave	Precast / N/A	Paved	11.74	\$3,500	\$27,660	2,592	288	2,880	23,472	1.215	11
WM10N-10N3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2412 Autumn Ave	Precast / N/A	Paved	11.29	\$3,500	\$31,160	1,152	1,728	2,880	26,352	1.215	12
WM10N-10R2	Replace Cover/Frame/Frame Seal	2807 E Harrison Ave	None / N/A	Non-Paved	3.82	\$1,050	\$32,210	864		864	27,216	1.215	13
WM10N-25F6	Grout Lower 18" of Manhole, Repair Bench/Trough, and Install Internal Chimney Seal	4000 I 55	Precast / N/A	Non-Paved	5.60	\$1,700	\$33,910	1,080	288	1,368	28,594	1.243	14
WM15A2-15C7	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	725 E McAulley Dr	Rehab / N/A	Non-Paved	7.11	\$3,138	\$37,048	1,872	648	2,520	31,104	1.245	15
WM10N-12R2	Grout Lower 18" of Manhole, Repair Bench/Trough, and Install Internal Chimney Seal	411 N 35th St	Rehab / N/A	Paved	4.75	\$1,800	\$38,848	1,152	288	1,440	32,544	1.250	16
WM10A-10F5	Replace Cover/Frame/Frame Seal	2507 E Jackson Ave	Rehab / N/A	Paved	6.41	\$1,450	\$40,298	1,152		1,152	33,696	1.259	17
WM15A2-15A11	Replace Cover/Frame/Frame Seal	1100 Ingram Blvd	Rehab / N/A	Paved	8.85	\$1,450	\$41,748	1,152		1,152	34,848	1.259	18
WM10N-10BC12	Replace Cover/Frame/Frame Seal	203 N Walker Ave	Precast / N/A	Paved	7.97	\$1,450	\$43,198	1,152		1,152	36,000	1.259	19
WM10A-10H1	Replace Cover/Frame/Frame Seal	608 S 23rd St	Rehab / N/A	Paved	8.30	\$1,450	\$44,648	1,152		1,152	37,152	1.259	20
WM10A-10X1	Replace Cover/Frame/Frame Seal	205 Ingram Blvd	Precast / N/A	Paved	13.80	\$1,450	\$46,098	1,152		1,152	38,304	1.259	21
WM10A-10X4	Replace Cover/Frame/Frame Seal	2207 Thompson Ave	Not Visible / N/A	Paved	0.00	\$1,450	\$47,548	1,152		1,152	39,456	1.259	22
WM10A-10A12	Replace Cover/Frame/Frame Seal	106 S 22nd St	Precast / N/A	Paved	15.70	\$1,450	\$48,998	1,152		1,152	40,608	1.259	23
WM10A-14A7	Replace Cover/Frame/Frame Seal	708 Stuart Ave	Rehab / N/A	Paved	6.99	\$1,450	\$50,448	1,152		1,152	41,760	1.259	24
WM10A-14C1	Replace Cover/Frame/Frame Seal	615 N 27th St	Rehab / N/A	Paved	5.78	\$1,450	\$51,898	1,152		1,152	42,912	1.259	25
WM13A2-13A3	Replace Cover/Frame/Frame Seal	3510 E Broadway St	Poured / N/A	Paved	15.30	\$1,450	\$53,348	1,152		1,152	44,064	1.259	26
WM10N-10BC11	Replace Cover/Frame/Frame Seal	2800 E Broadway Ave	Precast / N/A	Paved	8.45	\$1,450	\$54,798	1,152		1,152	45,216	1.259	27
WM15A2-15A84	Replace Cover/Frame/Frame Seal	2201 S Service Rd	Rehab / N/A	Paved	8.29	\$1,450	\$56,248	1,152		1,152	46,368	1.259	28
WM10A-10A19	Replace Cover/Frame/Frame Seal	305 Ingram Blvd	Precast / N/A	Paved	6.40	\$1,450	\$57,698	1,152		1,152	47,520	1.259	29
WM10N-13C8A	Replace Cover/Frame/Frame Seal	151 Legion Rd	Precast / N/A	Paved	3.05	\$1,450	\$59,148	1,152		1,152	48,672	1.259	30
WM15A2-15A85	Replace Cover/Frame/Frame Seal	2315 S Service Rd	Rehab / N/A	Paved	5.54	\$1,450	\$60,598	1,152		1,152	49,824	1.259	31
WM10N-10BL3A	Replace Cover/Frame/Frame Seal	2950 E Jackson Ave	Rehab / N/A	Paved	4.20	\$1,450	\$62,048	1,152		1,152	50,976	1.259	32
WM15A2-15P4	Replace Cover/Frame/Frame Seal	1805 S Service Rd	Rehab / N/A	Paved	3.13	\$1,450	\$63,498	1,152		1,152	52,128	1.259	33
WM10N-10BG3	Replace Cover/Frame/Frame Seal	3012 E Polk Ave	Rehab / N/A	Paved	4.14	\$1,450	\$64,948	1,152		1,152	53,280	1.259	34
WM10N-10BG2	Replace Cover/Frame/Frame Seal	3007 E Polk Ave	Rehab / N/A	Paved	5.61	\$1,450	\$66,398	1,152		1,152	54,432	1.259	35
WM15A2-15A10	Replace Cover/Frame/Frame Seal	2007 E Service Rd	Rehab / N/A	Paved	9.44	\$1,450	\$67,848	1,152		1,152	55,584	1.259	36

Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Infit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-10BG1	Replace Cover/Frame/Frame Seal	2808 E Polk Ave	Precast / N/A	Paved	7.30	\$1,450	\$89,298	1,152		1,152	56,736	1,259	37
WM15A2-15AG6	Replace Cover/Frame/Frame Seal	2100 E Barton Ave	Precast / N/A	Paved	8.51	\$1,450	\$70,748	1,152		1,152	57,888	1,259	38
WM10N-10BC7	Replace Cover/Frame/Frame Seal	2841 S Walker Ave	Precast / N/A	Paved	8.90	\$1,450	\$72,198	1,152		1,152	59,040	1,259	39
WM10N-10BC6	Replace Cover/Frame/Frame Seal	275 S Walker Ave	Precast / N/A	Paved	9.11	\$1,450	\$73,648	1,152		1,152	60,192	1,259	40
WM10N-10N4	Replace Cover/Frame/Frame Seal	2500 Autumn Ave	Precast / N/A	Paved	8.72	\$1,450	\$75,098	1,152		1,152	61,344	1,259	41
WM10N-10AM1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2501 E Tyler Ave	Rehab / N/A	Non-Paved	9.65	\$3,100	\$78,198	2,160	288	2,448	63,792	1,266	42
WM10A-10M1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	607 S 26th St	Rehab / N/A	Non-Paved	6.26	\$3,100	\$81,298	2,160	288	2,448	66,240	1,266	43
WM15A2-15L4	Complete Manhole Rehab w/ New Cover	708 Sullivan Ln	Rehab / N/A	Non-Paved	5.16	\$1,576	\$82,873	936	259	1,195	67,435	1,318	44
WM15A2-15L4	Complete Manhole Rehab w/ New Cover	2406 Tallwood Dr	Rehab / N/A	Non-Paved	3.86	\$1,050	\$83,923	792		792	68,227	1,326	45
WM15A2-15AE1C	Replace Cover/Frame/Frame Seal	N/A E Jackson Ave	Rehab / N/A	Paved	6.26	\$3,500	\$87,423	1,440	1,185	2,625	70,862	1,328	46
WM10N-10BL6A	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2207 Wheeler Ave	Rehab / N/A	Paved	5.51	\$1,782	\$89,205	1,080	259	1,339	72,202	1,330	47
WM15A2-15AD1	Complete Manhole Rehab, Internal Chimney Seal w/o New Frame and Cover	508 S 25th St	Rehab / N/A	Paved	7.21	\$2,304	\$91,509	1,152	547	1,699	73,901	1,356	48
WM10A-10F4	Complete Manhole Rehab, Internal Chimney Seal, and New Cover	1301 Ingram Blvd	Precast / N/A	Non-Paved	5.14	\$822	\$92,331	288	317	605	74,506	1,360	49
WM15A2-15AF5	Cementitious Coating	2308 E Broadway St	Rehab / N/A	Paved	9.84	\$3,500	\$95,831	2,016	547	2,563	77,069	1,365	50
WM10A-10AE3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	708 Sullivan Ln	Rehab / N/A	Non-Paved	5.61	\$1,648	\$97,479	936	259	1,195	78,264	1,379	51
WM15A2-15L5	Complete Manhole Rehab w/ New Cover	2102 Gatlings Dr	Rehab / N/A	Non-Paved	7.80	\$1,966	\$99,445	1,152	259	1,411	79,675	1,393	52
WM15A2-15T1	Complete Manhole Rehab w/ New Cover	2401 E Jackson Ave	Rehab / N/A	Paved	7.66	\$1,979	\$101,423	1,152	259	1,411	81,086	1,402	53
WM10A-10F3	Complete Manhole Rehab w/ New Cover	521 Ingram Blvd	Precast / N/A	Paved	13.31	\$3,780	\$105,203	2,016	648	2,664	83,750	1,419	54
WM15A2-15A3	Cementitious Coating and Replace Cover/Frame/Frame Seal	712 Stuart Ave	Rehab / N/A	Paved	4.94	\$1,540	\$106,743	504	576	1,080	84,830	1,426	55
WM10A-14A8	Complete Manhole Rehab w/ New Cover	1800 N McAulley Dr	Rehab / N/A	Non-Paved	6.21	\$2,994	\$109,737	1,800	259	2,059	86,890	1,454	56
WM15A2-15C10	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	2707 E. Harrison Ave	None / N/A	Non-Paved	4.71	\$1,050	\$110,787	720		720	87,610	1,458	57
WM10N-10C2	Replace Cover/Frame/Frame Seal	2216 E Broadway St	None / N/A	Non-Paved	4.83	\$1,050	\$111,837	720		720	88,330	1,458	58
WM10A-10A2	Replace Cover/Frame/Frame Seal	201 N 26th St	Rehab / N/A	Non-Paved	5.32	\$1,050	\$112,887	720		720	89,050	1,458	59
WM10A-10BN3	Replace Cover/Frame/Frame Seal	213 Fallis St	Rehab / N/A	Non-Paved	3.93	\$1,050	\$113,937	720		720	89,770	1,458	60
WM10A-10A8	Replace Cover/Frame/Frame Seal	164 Stuart Ave	Rehab / N/A	Non-Paved	7.62	\$1,050	\$114,987	720		720	90,490	1,458	61
WM10A-10AD1	Replace Cover/Frame/Frame Seal	225 Fallis St	Rehab / N/A	Non-Paved	6.44	\$1,050	\$116,037	720		720	91,210	1,458	62
WM10A-10AB4	Replace Cover/Frame/Frame Seal	208 N 28th St	Rehab / N/A	Non-Paved	6.15	\$1,050	\$117,087	720		720	91,930	1,458	63
WM10A-10AG3	Replace Cover/Frame/Frame Seal	208 Fallis St	Rehab / N/A	Non-Paved	5.12	\$1,050	\$118,137	720		720	92,650	1,458	64
WM10N-10BG1A	Replace Cover/Frame/Frame Seal	2918 E Polk Ave	Precast / N/A	Non-Paved	6.52	\$1,050	\$119,187	720		720	93,370	1,458	65
WM10A-10AA4	Replace Cover/Frame/Frame Seal	128 Stuart Ave	Rehab / N/A	Non-Paved	9.44	\$1,050	\$120,237	720		720	94,090	1,458	66
WM10A-10AE7	Replace Cover/Frame/Frame Seal	2602 E Broadway St	Rehab / N/A	Non-Paved	5.29	\$1,050	\$121,287	720		720	94,810	1,458	67
WM15A2-15E1	Replace Cover/Frame/Frame Seal	555 N 18th St	None / N/A	Non-Paved	3.21	\$1,050	\$122,337	720		720	95,530	1,458	68
WM15A2-15D9	Replace Cover/Frame/Frame Seal	1808 S McAulley Dr	Rehab / N/A	Non-Paved	3.38	\$1,050	\$123,387	720		720	96,250	1,458	69
WM15A2-15B8	Replace Cover/Frame/Frame Seal	1808 S McAulley Dr	None / N/A	Non-Paved	2.20	\$1,050	\$124,437	720		720	96,970	1,458	70
WM10N-10N5F3	Replace Cover/Frame/Frame Seal	4000 I SS	Precast / N/A	Non-Paved	7.59	\$1,050	\$125,487	720		720	97,690	1,458	71
WM15A2-15AE1E	Replace Cover/Frame/Frame Seal	2416 E Barton Ave	Precast / N/A	Non-Paved	3.77	\$1,050	\$126,537	720		720	98,410	1,458	72
WM13A3-13A16	Replace Cover/Frame/Frame Seal	800 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	7.28	\$1,050	\$127,587	720		720	99,130	1,458	73
WM10N-10BG1B	Replace Cover/Frame/Frame Seal	3008 E Polk Ave	Precast / N/A	Non-Paved	3.40	\$1,050	\$128,637	720		720	99,850	1,458	74

Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Inflit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-25B2	Complete Manhole Rehab w/ New Cover/Frame/Frame Seal and Adjustment	4200 Petro Rd	Precast / N/A	Non-Paved	10.75	\$3,720	\$132,357	1,512	1,037	2,549	102,398	1,460	75
WM15A2-15M2	Complete Manhole Rehab w/ New Cover	721 E McAluley Dr	Brick / N/A	Paved	4.91	\$1,556	\$133,893	792	259	1,051	102,450	1,461	76
WM15A2-15K6	Cementitious Coating and Grout Pipe Seals	1804 Scottwood St	Rehab / N/A	Non-Paved	4.51	\$1,372	\$135,264	936		936	104,386	1,465	77
WM10N-12B4	Complete Manhole Rehab w/ New Cover	3110 E Broadway St	Rehab / N/A	Paved	10.90	\$2,494	\$137,758	1,440	259	1,699	106,065	1,468	78
WM10A-10A10	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2800 E Broadway St	Rehab / N/A	Paved	4.28	\$3,500	\$141,258	1,440	936	2,376	108,461	1,473	79
WM10N-10B14	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2850 E Jackson Ave	Precast / N/A	Paved	5.94	\$3,500	\$144,758	1,152	1,195	2,347	110,808	1,481	80
WM10A-10A20	Cementitious Coating and Replace Cover/Frame/Frame Seal	305 Ingram Blvd	Poured / N/A	Non-Paved	6.66	\$2,316	\$147,074	1,152	360	1,512	112,320	1,531	81
WM15A2-15D3	Complete Manhole Rehab w/ New Cover	504 E McAluley Dr	Rehab / N/A	Non-Paved	6.78	\$1,855	\$148,909	936	259	1,195	113,515	1,535	82
WM15A2-15B4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	404 Ingram Blvd	Brick / N/A	Non-Paved	8.76	\$3,100	\$152,009	1,872	144	2,016	115,531	1,538	83
WM10N-10B1C	Complete Manhole Rehab w/ New Cover	2900 E Peik Ave	Precast / N/A	Non-Paved	4.88	\$1,531	\$153,539	720	259	979	116,510	1,563	84
WM10A-10F6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2515 E Jackson Ave	None / N/A	Non-Paved	3.86	\$3,500	\$157,039	1,944	288	2,232	118,742	1,568	85
WM15A2-15B1	Complete Manhole Rehab w/ New Cover	404 Ingram Blvd	Rehab / N/A	Non-Paved	11.40	\$2,574	\$159,613	1,368	259	1,627	120,370	1,582	86
WM10A-10A10	Complete Manhole Rehab, Internal Chimney Seal, and New Cover	301 Jackson Heights	Precast / N/A	Paved	15.38	\$3,612	\$163,226	2,016	259	2,275	122,645	1,588	87
WM10A-14B1	Complete Manhole Rehab w/ New Cover	2701 Beatty Dr	Rehab / N/A	Paved	8.50	\$2,270	\$165,496	1,152	259	1,411	124,056	1,609	88
WM10N-10N6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2502 Autumn Ave	Rehab / N/A	Paved	8.12	\$3,500	\$168,996	1,368	806	2,174	126,230	1,610	89
WM10N-25J1	Cementitious Coating and Replace Cover/Frame/Frame Seal	3804 Petro Rd	Precast / N/A	Non-Paved	7.42	\$2,437	\$171,433	1,152	360	1,512	127,742	1,612	90
WM15A2-15B7	Grout Lower 18" of Manhole, Repair Bench/Trough, and Install Internal Chimney Seal	4000 I 55	Precast / N/A	Non-Paved	7.11	\$1,700	\$173,133	864	187	1,051	128,794	1,617	91
WM15A2-15A13	Cementitious Coating	1903 S. McAluley Dr	None / N/A	Non-Paved	3.21	\$1,514	\$174,647	936		936	129,730	1,617	92
WM10A-10D1	Cementitious Coating and Replace Cover/Frame/Frame Seal	1100 Ingram Blvd	Rehab / N/A	Paved	6.82	\$1,059	\$175,706	288	360	648	130,378	1,635	93
WM10N-12P1	Repair Corbel and Repair Bench/Trough	604 S 22nd St	Rehab / N/A	Non-Paved	7.75	\$2,490	\$178,196	1,152	360	1,512	131,890	1,647	94
WM10N-25D2	Grout Lower 18" of Manhole and Repair Bench/Trough	2818 Dickson St	Rehab / N/A	Paved	4.85	\$1,000	\$179,196	288	317	605	132,494	1,653	95
WM15A2-15D2	Complete Manhole Rehab w/ New Frame and Cover	689 Peto Cv	Precast / N/A	Non-Paved	6.73	\$1,000	\$180,196		605	605	133,099	1,653	96
WM10A-10A9	Complete Manhole Rehab, Internal Chimney Seal, and New Cover	504 E McAluley Dr	Rehab / N/A	Non-Paved	6.25	\$2,625	\$182,821	936	648	1,584	134,683	1,657	97
WM15A2-15B3	Complete Manhole Rehab w/ New Frame and Cover	401 Jackson Heights	Precast / N/A	Paved	16.38	\$3,772	\$186,593	2,016	259	2,275	136,958	1,658	98
WM15A2-15R2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	404 Ingram Blvd	Rehab / N/A	Non-Paved	8.05	\$2,913	\$189,506	1,368	360	1,728	138,686	1,686	99
WM15A2-15C5	Complete Manhole Rehab w/ New Cover	1100 Ingram Blvd	Rehab / N/A	Paved	3.80	\$3,500	\$193,006	1,152	907	2,059	140,746	1,700	100
WM10N-10B1C	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	605 E McAluley Dr	Rehab / N/A	Non-Paved	11.49	\$2,588	\$195,595	936	576	1,512	142,258	1,712	101
WM10A-10A13	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	N/A E Jackson Ave	Rehab / N/A	Non-Paved	4.74	\$3,100	\$198,695	1,152	648	1,800	144,058	1,722	102
WM10A-10A13	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2555 Montclair Cir	Rehab / N/A	Non-Paved	7.10	\$3,100	\$201,795	1,152	648	1,800	145,858	1,722	103
WM10A-10A10C	Cementitious Coating	2205 Jackson Heights	Precast / N/A	Non-Paved	6.52	\$1,043	\$202,838	288	317	605	146,462	1,725	104
WM15A2-15A10	Grout Lower 18" of Manhole and Repair Bench/Trough	2400 N Service Rd	Precast / N/A	Paved	4.80	\$1,000	\$203,838	288	288	576	147,038	1,736	105
WM10N-10B1C	Repair Corbel	3009 Autumn Ave	Precast / N/A	Non-Paved	4.62	\$500	\$204,338	288		288	147,326	1,736	106
WM15A2-15N2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2005 Wheeler Ave	Rehab / N/A	Paved	6.08	\$3,500	\$207,838	1,368	648	2,016	149,342	1,736	107
WM10N-12A3	Repair Corbel	409 N OK St	Rehab / N/A	Paved	5.75	\$500	\$208,338	288		288	149,630	1,736	108
WM10N-12M4	Grout Lower 18" of Manhole and Repair Bench/Trough	3100 Church St	Rehab / N/A	Paved	4.96	\$1,000	\$209,338	288	288	576	150,206	1,736	109
WM10N-12A2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3207 Beatty St	Rehab / N/A	Paved	9.40	\$3,500	\$212,838	1,368	648	2,016	152,222	1,736	110
WM15A2-15A11	Repair Corbel	1300 Ingram Blvd	Precast / N/A	Paved	4.40	\$500	\$213,338	288		288	152,510	1,736	111
WM10N-12L1	Repair Corbel	409 N 32nd St	Rehab / N/A	Paved	5.23	\$500	\$213,838	288		288	152,798	1,736	112

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Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Inflit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-12A5	Repair Corbel	3300 Church St	Rehab / N/A	Paved	7.73	\$500	\$214,338	288		288	153,086	1.736	113
WM10A-10A6	Repair Corbel	427 Jackson Heights	Precast / N/A	Non-Paved	5.26	\$500	\$214,838	288		288	153,374	1.736	114
WM10A-10A10B	Repair Corbel	303 Jackson Heights	Precast / N/A	Non-Paved	6.49	\$500	\$215,338	288		288	153,662	1.736	115
WM10N-12P2	Grout Lower 18" of Manhole and Repair Bench/Trough	2208 Dickson St	None / N/A	Paved	3.55	\$1,000	\$216,338	288		288	154,238	1.736	116
WM15A2-15A44	Repair Corbel	2404 Talmon Dr	Rehab / N/A	Paved	5.21	\$500	\$216,838	288		288	154,526	1.736	117
WM10N-12N3	Repair Corbel	2901 White St	None / N/A	Paved	2.45	\$500	\$217,338	288		288	154,814	1.736	118
WM10N-12N2	Repair Corbel	2910 White St	Rehab / N/A	Paved	4.70	\$500	\$217,838	288		288	155,102	1.736	119
WM10N-10BL2	Grout Lower 18" of Manhole and Repair Bench/Trough	380 S Walker Ave	Rehab / N/A	Paved	6.62	\$1,000	\$218,838		576	576	155,678	1.736	120
WM15A2-15A4	Complete Manhole Rehab w/ New Cover	605 Ingram Blvd	Rehab / N/A	Paved	13.01	\$2,832	\$221,669	1,368	258	1,627	157,206	1.740	121
WM10N-10BL1	Cementitious Coating and Replace Cover/Frame/Frame Seal	315 S Walker Ave	Rehab / N/A	Paved	10.90	\$3,394	\$225,063	1,584	360	1,944	159,250	1.746	122
WM10N-10BK3	Cementitious Coating	3009 Autumn Ave	Precast / N/A	Non-Paved	3.94	\$630	\$225,694		360	360	159,610	1.751	123
WM10N-10N9	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2715 Autumn Ave	Rehab / N/A	Paved	6.56	\$3,500	\$229,194	1,440	547	1,987	161,597	1.761	124
WM10N-13Q10	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3888 E Service Rd	Precast / N/A	Non-Paved	6.61	\$3,100	\$232,294	1,152	605	1,757	163,354	1.765	125
WM10A-10D5	Replace Cover/Frame/Frame Seal	2224 Autumn Ave	None / N/A	Paved	5.80	\$1,450	\$233,744	504	317	821	164,174	1.767	126
WM10N-13B8	Cementitious Coating and Replace Cover/Frame/Frame Seal	209 S OK St	Rehab / N/A	Paved	6.45	\$2,682	\$236,426	1,152	360	1,512	165,686	1.774	127
WM10N-10BL6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2813 E Jackson Ave	Rehab / N/A	Non-Paved	5.98	\$3,100	\$239,526	1,440	288	1,728	167,414	1.784	128
WM10N-13C9	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	151 Legion Cove	Precast / N/A	Non-Paved	9.94	\$3,100	\$242,626	1,440	288	1,728	169,142	1.784	129
WM10N-10BH1	Grout Lower 18" of Manhole, Repair Bench/Trough, and Repair Corbel	3022 Polk Cove	None / N/A	Paved	3.48	\$1,500	\$244,126	288	547	835	169,678	1.786	130
WM10A-10F2	Complete Manhole Rehab w/ New Cover	2304 E Jackson Ave	Rehab / N/A	Paved	7.12	\$1,889	\$246,015	504	547	1,051	171,029	1.787	131
WM15A2-15C3	Cementitious Coating and Grout Pipe Seals	525 McAuley Dr	Rehab / N/A	Non-Paved	6.46	\$1,694	\$247,699	936		936	171,965	1.789	132
WM15A2-15N2	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2503 N Gathings Dr	None / N/A	Non-Paved	4.29	\$1,686	\$249,385	936		936	172,901	1.802	133
WM10A-25A8	Complete Manhole Rehab and External Chimney Seal w/o New Frame and Cover	400 Mound City Rd	Precast / N/A	Non-Paved	10.60	\$3,146	\$252,531	864		864	174,629	1.821	134
WM15A2-15A1B	Replace Cover/Frame/Frame Seal	2406 Talmonwood Dr	Rehab / N/A	Non-Paved	5.18	\$1,050	\$253,581	576		576	175,205	1.823	135
WM15A2-15A46	Replace Cover/Frame/Frame Seal	2416 E Barton Ave	Precast / N/A	Non-Paved	5.74	\$1,050	\$254,631	576		576	175,781	1.823	136
WM10N-12M3	Cementitious Coating	509 Denton St	Rehab / N/A	Paved	7.50	\$1,200	\$255,831	288	360	648	176,429	1.852	137
WM10A-10A2	Complete Manhole Rehab, Internal Chimney Seal, and New Cover	604 S 22nd St	Rehab / N/A	Paved	15.92	\$3,697	\$259,528	1,440	547	1,987	178,416	1.861	138
WM10A-10K1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	613 S 24th St	Rehab / N/A	Non-Paved	4.70	\$3,100	\$262,628	1,008	648	1,656	180,072	1.872	139
WM10A-10AC4A	Replace Cover/Frame/Frame Seal	227 Beatty St	Precast / N/A	Non-Paved	3.42	\$1,050	\$263,678	288	259	547	180,619	1.919	140
WM15A2-15A83	Cementitious Coating and Replace Cover/Frame/Frame Seal	2315 S Service Rd	Precast / N/A	Paved	7.31	\$2,820	\$266,498	1,152	317	1,469	182,088	1.920	141
WM10N-10BL1	Repair Bench/Trough	315 S Walker Ave	Rehab / N/A	Paved	9.41	\$500	\$266,998		259	259	182,347	1.929	142
WM10N-15A11A	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	2600 N Service Rd	None / N/A	Paved	4.52	\$1,723	\$268,721	576	317	893	183,240	1.930	143
WM10N-10N5	Cementitious Coating and Replace Cover/Frame/Frame Seal	2503 Autumn Ave	Precast / N/A	Paved	8.10	\$2,946	\$271,667	72	1,454	1,526	184,766	1.930	144
WM10N-25A7	Complete Manhole Rehab w/ New Frame and Cover	400 Mound City Rd	Precast / N/A	Non-Paved	11.30	\$3,433	\$275,100	1,152	605	1,757	186,523	1.954	145
WM10N-25B7	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3200 Petro Rd	Precast / N/A	Paved	8.27	\$3,500	\$278,600	1,152	605	1,757	188,280	1.982	146
WM10A-15C1	Complete Manhole Rehab w/ New Frame and Cover	409 E McAuley Dr	Rehab / N/A	Non-Paved	6.19	\$2,615	\$281,215	936	360	1,296	189,576	2.018	147
WM10N-10BL3F	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2850 E Jackson Ave	None / N/A	Paved	3.63	\$3,500	\$284,715	1,440	288	1,728	191,304	2.025	148
WM15A2-15A43	Cementitious Coating and Grout Pipe Seals	2405 Talmonwood Dr	Not Visible / N/A	Paved	6.00	\$1,610	\$286,325	792		792	192,096	2.033	149
WM15A2-15A1C1	Cementitious Coating and Grout Pipe Seals	2206 Goodwin Ave	Rehab / N/A	Paved	5.71	\$1,564	\$287,889	216	547	763	192,859	2.049	150

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Manhole	Repair Description	Street Address	Construction L/M Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Inflow (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10A-14B3	Cementitious Coating and Grout Pipe Seals	2801 Beatty Dr	Brick / N/A	Paved	6.64	\$1,712	\$289,601	576	259	835	183,894	2,050	151
WM15A2-18K1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	608 E Manley Dr	Rehab / N/A	Paved	7.71	\$3,500	\$293,101	1,152	547	1,699	185,394	2,060	152
WM10N-10BC14	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	205 N Walker Ave	Precast / N/A	Paved	4.06	\$3,500	\$296,601	1,152	547	1,699	187,093	2,060	153
WM15A2-15C2	Cementitious Coating and Grout Pipe Seals	2204 Twiss St	Rehab / N/A	Non-Paved	8.10	\$1,946	\$298,547	936		936	188,029	2,079	154
WM1N-25B3	Complete Manhole Rehab w/ New Cover	4000 Petro Rd	Precast / N/A	Paved	10.31	\$2,400	\$300,947	576	576	1,152	189,181	2,083	155
WM10A-10A47	Replace Cover/Frame/Frame Seal	164 Stuart Ave	Rehab / N/A	Non-Paved	8.20	\$1,050	\$301,997	504		504	189,685	2,083	156
WM10A-10A5	Replace Cover/Frame/Frame Seal	2208 E Broadway St	Rehab / N/A	Non-Paved	7.50	\$1,050	\$303,047	504		504	200,189	2,083	157
WM15A2-15C11	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	1805 Goodwin Ave	Rehab / N/A	Non-Paved	4.20	\$3,100	\$306,147	936	547	1,483	201,672	2,090	158
WM13A3-13A17	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	900 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	6.90	\$3,100	\$309,247	836	547	1,483	203,155	2,090	159
WM15A2-15L3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	1913 Sible Ln	Rehab / N/A	Non-Paved	5.69	\$3,100	\$312,347	836	547	1,483	204,638	2,090	160
WM15A2-15K4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	1928 Scotland St	Rehab / N/A	Non-Paved	7.44	\$3,100	\$315,447	936	547	1,483	206,122	2,090	161
WM10N-10P2	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2811 E Jackson Ave	Rehab / N/A	Paved	7.24	\$3,500	\$318,947	576	1,084	1,670	207,792	2,095	162
WM10N-10N8	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2705 Autumn Ave	Rehab / N/A	Paved	6.40	\$3,500	\$322,447	1,388	288	1,656	209,448	2,114	163
WM15A2-15A1	Complete Manhole Rehab w/ New Cover	401 Ingram Blvd	Precast / N/A	Non-Paved	14.04	\$2,996	\$325,443	1,152	259	1,411	210,859	2,123	164
WM10N-13B10	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	405 S OK St	None / N/A	Non-Paved	3.23	\$3,100	\$328,543	1,152	288	1,440	212,299	2,153	165
WM15A2-15S5	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2204 Gathings Dr	Rehab / N/A	Non-Paved	6.33	\$3,100	\$331,643	1,152	288	1,440	213,739	2,153	166
WM10N-10A4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2529 E Tyler Ave	Rehab / N/A	Non-Paved	9.21	\$3,100	\$334,743	1,152	288	1,440	215,179	2,153	167
WM10A-10T1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2201 Jackson Heights	None / N/A	Non-Paved	3.91	\$3,100	\$337,843	1,152	288	1,440	216,619	2,153	168
WM10N-12B1	Complete Manhole Rehab w/ New Frame and Cover	3301 N OK St	Brick / N/A	Non-Paved	8.80	\$3,033	\$340,876	1,008	360	1,368	217,987	2,217	169
WM10A-10F1	Complete Manhole Rehab w/ New Cover	2208 E Jackson Ave	Rehab / N/A	Paved	5.90	\$1,694	\$342,570	504	259	763	218,750	2,220	170
WM15A2-15A87	Cementitious Coating and Replace Cover/Frame/Frame Seal	3804 E Polk Ave	Precast / N/A	Non-Paved	13.43	\$3,399	\$345,969	1,152	317	1,469	220,219	2,314	171
WM10A-10D2	Cementitious Coating and Replace Cover/Frame/Frame Seal	2407 S Service Rd	Precast / N/A	Non-Paved	7.20	\$2,402	\$348,371	720	317	1,037	221,256	2,317	172
WM10N-10P1	Complete Manhole Rehab w/ New Cover	2115 E Jackson Ave	Rehab / N/A	Paved	6.50	\$1,790	\$350,161	504	259	763	222,019	2,345	173
WM10N-12D3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2801 E Jackson Ave	Rehab / N/A	Paved	7.13	\$3,500	\$353,661	576	907	1,483	223,502	2,360	174
WM10N-10V1	Cementitious Coating	3000 E Broadway St	Rehab / N/A	Non-Paved	8.72	\$1,395	\$355,056	216	360	576	224,078	2,422	175
WM10N-25B8	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3200 Petro Rd	Poured / N/A	Paved	7.48	\$3,500	\$358,556	1,152	288	1,440	225,518	2,431	176
WM10A-10V1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2201 E Broadway St	Precast / N/A	Paved	3.04	\$3,500	\$362,056	1,152	288	1,440	226,958	2,431	177
WM10N-10BC5	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	315 S Walker Ave	Precast / N/A	Paved	11.02	\$3,500	\$365,556	1,152	288	1,440	228,398	2,431	178
WM10N-10BC9	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2823 Oak CV	Precast / N/A	Paved	8.27	\$3,500	\$369,056	1,152	288	1,440	229,838	2,431	179
WM10N-10P3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2805 E Jackson Ave	Rehab / N/A	Paved	5.89	\$3,500	\$372,556	576	864	1,440	231,278	2,431	180
WM10A-10D6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2320 Autumn Ave	None / N/A	Paved	5.86	\$3,500	\$376,056	1,152	288	1,440	232,718	2,431	181
WM10N-12G5	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3601 Beatty St	Precast / N/A	Paved	6.00	\$3,500	\$379,556	864	576	1,440	234,158	2,431	182
WM10N-10P4	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2816 E Jackson Ave	Rehab / N/A	Paved	3.47	\$3,500	\$383,056	576	835	1,411	235,570	2,480	183
WM10A-14A5	Replace Cover/Frame/Frame Seal	510 Stuart Ave	Rehab / N/A	Paved	8.10	\$1,450	\$384,506	576		576	236,146	2,517	184
WM10A-14A6	Replace Cover/Frame/Frame Seal	606 Stuart Ave	Rehab / N/A	Paved	7.50	\$1,450	\$385,956	576		576	236,722	2,517	185
WM10N-10A4V1	Replace Cover/Frame/Frame Seal	2691 S Grove St	Precast / N/A	Paved	4.70	\$1,450	\$387,406	576		576	237,208	2,517	186
WM10A-14A4	Replace Cover/Frame/Frame Seal	501 Stuart Ave	Rehab / N/A	Paved	8.71	\$1,450	\$388,856	576		576	237,674	2,517	187
WM10N-12M1	Replace Cover/Frame/Frame Seal	405 Denton St	Rehab / N/A	Paved	7.35	\$1,450	\$390,306	576		576	238,450	2,517	188

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Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Inflit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM10N-10BL3C	Cementitious Coating and Replace Cover/Frame/Frame Seal	2850 E Jackson Ave	Rehab / N/A	Non-Paved	6.70	\$2,322	\$392,628	288	634	922	239,371	2,520	189
WM10A-10A4	Cementitious Coating and Replace Cover/Frame/Frame Seal	2212 Autumn Ave	Precast / N/A	Non-Paved	15.36	\$3,708	\$396,336	1,152	317	1,469	240,840	2,524	190
WM15A2-15H3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	1904 S McAuley Dr	None / N/A	Non-Paved	4.40	\$3,100	\$399,436	936	288	1,224	242,064	2,533	191
WM15A2-15K5	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	1928 E Barton Ave	Rehab / N/A	Non-Paved	5.35	\$3,100	\$402,536	936	288	1,224	242,288	2,533	192
WM10A-10J2	Cementitious Coating and Grout Pipe Seals	113 S 23rd St	Rehab / N/A	Paved	8.08	\$1,943	\$404,479	216	547	763	244,051	2,546	193
WM15A2-15AB2A	Complete Manhole Rehab w/ New Cover	2021 Goodwin Ave	Rehab / N/A	Paved	7.80	\$1,998	\$406,477	504	259	763	244,814	2,618	194
WM15A2-15R1	Cementitious Coating and Replace Cover/Frame/Frame Seal	1100 Ingram Blvd	Rehab / N/A	Paved	5.05	\$2,458	\$408,935	288	648	936	245,750	2,626	195
WM10N-12A7	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	3503 Church St	None / N/A	Paved	3.36	\$1,558	\$410,472	288	288	576	246,328	2,689	196
WM10N-10N7	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2604 Autumn Ave	Rehab / N/A	Paved	6.18	\$3,500	\$413,972	504	806	1,310	247,837	2,671	197
WM10A-10B1	Complete Manhole Rehab w/ New Cover	607 S 22nd St	Rehab / N/A	Paved	8.41	\$2,256	\$416,228	576	259	835	248,472	2,701	198
WM15A2-15M4	Cementitious Coating and Grout Pipe Seals	1925 N McAuley Dr	Rehab / N/A	Non-Paved	4.46	\$1,364	\$417,592	504	317	821	248,978	2,706	199
WM10N-25A3	Complete Manhole Rehab w/ New Frame and Cover	615 Petro Cv	Precast / N/A	Non-Paved	14.69	\$3,975	\$421,567	1,152	317	1,469	250,445	2,707	200
WM10N-25B9	Cementitious Coating	3900 Petro Rd	Precast / N/A	Paved	6.24	\$998	\$422,565	360	360	720	250,805	2,773	201
WM10A-10AA1	Cementitious Coating and Replace Cover/Frame/Frame Seal	109 Stuart Ave	Rehab / N/A	Non-Paved	10.94	\$3,000	\$425,566	720	360	1,080	251,865	2,778	202
WM10A-10A13	Complete Manhole Rehab w/ New Cover	2115 E Broadway St	Precast / N/A	Paved	15.10	\$3,166	\$428,732	864	259	1,123	253,008	2,819	203
WM10N-10R3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2823 E. Harrison Ave	Rehab / N/A	Paved	3.30	\$3,500	\$432,232	576	648	1,224	254,232	2,859	204
WM10A-10G1	Replace Cover/Frame/Frame Seal	504 S 25th St	None / N/A	Paved	4.86	\$1,450	\$433,682	504	504	1,008	254,736	2,877	205
WM10N-12K2	Replace Cover/Frame/Frame Seal	3101 Beatty St	Rehab / N/A	Paved	7.47	\$1,450	\$435,132	504	288	792	255,240	2,877	206
WM10N-12H1	Cementitious Coating and Grout Pipe Seals	306 N 35th St	Rehab / N/A	Paved	6.43	\$1,679	\$436,811	288	288	576	255,816	2,915	207
WM10N-12F3	Cementitious Coating and Grout Pipe Seals	503 N 34th St	Rehab / N/A	Paved	6.48	\$1,687	\$438,497	576	288	864	256,392	2,928	208
WM10N-12K1	Cementitious Coating and Grout Pipe Seals	3111 Beatty St	Rehab / N/A	Paved	8.00	\$1,930	\$440,427	288	360	648	257,040	2,978	209
WM15A2-15A6	Cementitious Coating and Grout Pipe Seals	2100 E Barton Ave	Rehab / N/A	Paved	10.20	\$2,282	\$442,709	216	547	763	257,803	2,980	210
WM10N-12F1	Cementitious Coating and Grout Pipe Seals	305 N 34th St	Rehab / N/A	Paved	8.38	\$1,991	\$444,700	288	360	648	258,451	3,072	211
WM10N-25B1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	4300 Petro Rd	Precast / N/A	Non-Paved	11.47	\$3,100	\$447,800	720	288	1,008	259,459	3,075	212
WM13A2-13A15	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	800 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	8.86	\$3,100	\$450,900	720	288	1,008	260,467	3,075	213
WM10A-10AE8	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2728 E Broadway St	Rehab / N/A	Non-Paved	4.88	\$3,100	\$454,000	720	288	1,008	261,475	3,075	214
WM15A2-15B5	Cementitious Coating and Grout Pipe Seals	1941 S McAuley Dr	Rehab / N/A	Non-Paved	5.69	\$1,560	\$455,561	504	288	792	261,979	3,086	215
WM15A2-15M1	Cementitious Coating and Grout Pipe Seals	721 E McAuley Dr	Rehab / N/A	Paved	5.19	\$1,480	\$457,041	216	259	475	262,454	3,115	216
WM10A-14B2	Complete Manhole Rehab w/ New Frame and Cover	2801 Beatty Dr	Rehab / N/A	Paved	7.12	\$1,739	\$458,780	547	547	1,094	263,022	3,178	217
WM10A-10D3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2204 Autumn Ave	Brick / N/A	Paved	6.17	\$3,500	\$462,280	504	547	1,051	264,053	3,330	218
WM15A2-15C9	Cementitious Coating and Grout Pipe Seals	1820 N McAuley Dr	None / N/A	Non-Paved	6.66	\$1,716	\$463,996	504	504	1,008	264,557	3,404	219
WM15A2-15B6	Cementitious Coating, Grout Lower 18" of Manhole, and Repair Bench/Trough	1821 S McAuley Dr	None / N/A	Non-Paved	4.50	\$1,720	\$465,716	504	288	792	265,061	3,413	220
WM10A-14A2	Replace Bench/Trough	476 Stuart Ave	Rehab / N/A	Paved	11.40	\$1,000	\$466,716	288	288	576	265,349	3,472	221
WM15A2-15AE1D	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2416 E Barton Ave	Precast / N/A	Non-Paved	3.91	\$3,100	\$469,816	288	605	893	266,242	3,472	222
WM10N-13C1N	Replace Bench/Trough	3996 E Service Rd	Poured / N/A	Non-Paved	7.95	\$1,000	\$470,816	288	288	576	266,530	3,472	223
WM10N-13C1F	Replace Bench/Trough	3986 E Service Rd	Poured / N/A	Non-Paved	7.53	\$1,000	\$471,816	288	288	576	266,818	3,472	224
WM10N-10B4	Replace Bench/Trough	2990 S.L. Henry St	Precast / N/A	Paved	6.82	\$1,000	\$472,816	288	288	576	267,106	3,472	225
WM15A2-15AF2	Grout Lower 18" of Manhole and Repair Bench/Trough	1300 Ingram Blvd	Precast / N/A	Non-Paved	6.58	\$1,000	\$473,816	288	288	576	267,394	3,472	226

Tuesday, March 31, 2020

Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Inflit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM13A3-13P3	Grout Lower 18" of Manhole and Repair BenchTrough	3401 Service Loop Road	Poured / N/A	Non-Paved	7.48	\$1,000	\$474,816	288	288	288	267,892	3.472	227
WM13A3-13P1	Grout Lower 18" of Manhole and Repair BenchTrough	3710 Service Loop Road	Poured / N/A	Non-Paved	8.60	\$1,000	\$475,816	288	288	288	267,970	3.472	228
WM10N-25B6	Grout Lower 18" of Manhole and Repair BenchTrough	3904 Petro Rd	Precast / N/A	Non-Paved	7.98	\$1,000	\$476,816	288	288	288	268,258	3.472	229
WM10N-25A4	Grout Lower 18" of Manhole and Repair BenchTrough	615 Church Cv	Precast / N/A	Non-Paved	10.92	\$1,000	\$477,816	288	288	288	268,546	3.472	230
WM10A-14A9A	Grout Lower 18" of Manhole and Repair BenchTrough	2690 Parich St	Precast / N/A	Non-Paved	5.32	\$1,000	\$478,816	288	288	288	268,834	3.472	231
WM15A2-15L2	Cementitious Coating and Grout Pipe Seals	700 E McAlvey Dr	Rehab / N/A	Paved	7.21	\$1,804	\$480,619	504	288	504	269,338	3.579	232
WM10N-13B3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	3502 E Polk Ave	Rehab / N/A	Paved	9.28	\$3,500	\$484,119	72	893	965	270,302	3.628	233
WM10A-10A49	Replace Cover/Frame/Frame Seal	170 Stuart Ave	Not Visible / N/A	Non-Paved	5.70	\$1,050	\$485,169	288		288	270,590	3.646	234
WM10A-10B1	Replace Cover/Frame/Frame Seal	2706 Thompson Ave	Rehab / N/A	Non-Paved	4.12	\$1,050	\$486,219	288		288	270,878	3.646	235
WM10A-10B1	Replace Cover/Frame/Frame Seal	205 Falls St	Rehab / N/A	Non-Paved	4.53	\$1,050	\$487,269	288		288	271,166	3.646	236
WM10A-10A3	Replace Cover/Frame/Frame Seal	229 Bellis St	Rehab / N/A	Non-Paved	3.91	\$1,050	\$488,319	288		288	271,454	3.646	237
WM10N-10C1	Replace Cover/Frame/Frame Seal	2704 Autumn Ave	Rehab / N/A	Non-Paved	5.62	\$1,050	\$489,369	288		288	271,742	3.646	238
WM10A-10A1	Replace Cover/Frame/Frame Seal	125 Stuart Ave	Rehab / N/A	Non-Paved	8.13	\$1,050	\$490,419	288		288	272,030	3.646	239
WM15A2-15A1F	Replace Cover/Frame/Frame Seal	2416 E Burton Ave	Precast / N/A	Non-Paved	3.71	\$1,050	\$491,469	288		288	272,318	3.646	240
WM10A-CO11	Replace Cover/Frame/Frame Seal	614 S 22nd St	Rehab / N/A	Non-Paved	7.00	\$1,050	\$492,519	288		288	272,606	3.646	241
WM10A-10A46	Replace Cover/Frame/Frame Seal	148 Stuart Ave	Rehab / N/A	Non-Paved	9.13	\$1,050	\$493,569	288		288	272,894	3.646	242
WM10N-10C3	Replace Cover/Frame/Frame Seal	2702 E Harrison Ave	Rehab / N/A	Non-Paved	4.38	\$1,050	\$494,619	288		288	273,182	3.646	243
WM10A-10A45	Replace Cover/Frame/Frame Seal	138 Stuart Ave	Rehab / N/A	Non-Paved	8.14	\$1,050	\$495,669	288		288	273,470	3.646	244
WM10A-10A6A	Replace Cover/Frame/Frame Seal	411 Jackson Heights	Precast / N/A	Non-Paved	6.72	\$1,890	\$496,719	288		288	273,758	3.646	245
WM10A-10U3	Cementitious Coating and Grout Pipe Seals	110 S 24th St	Rehab / N/A	Paved	7.75	\$1,967	\$500,576	504		504	274,292	3.750	246
WM15A2-15B4A	Cementitious Coating and Grout Pipe Seals	1937 E McAlvey Dr	Brick / N/A	Non-Paved	8.23	\$3,100	\$503,676	504		504	274,766	3.902	247
WM15A2-15D6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	529 Julia St	None / N/A	Non-Paved	4.00	\$3,100	\$506,776	504		504	275,558	3.914	248
WM15A2-15C6	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	705 E McAlvey Dr	Brick / N/A	Non-Paved	9.19	\$3,100	\$509,876	504		504	276,350	3.914	249
WM15A2-15H1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	525 Rosemary Ln	Rehab / N/A	Non-Paved	4.72	\$3,100	\$513,376	504		504	277,142	3.914	250
WM10N-12P3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	2900 Dickson St	None / N/A	Paved	3.27	\$3,500	\$516,876	576		864	278,006	4.051	251
WM10A-14E3	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	601 N 27th St	None / N/A	Paved	4.02	\$3,500	\$518,824	576		864	278,870	4.051	252
WM15A2-15A7	Cementitious Coating and Grout Pipe Seals	2021 Goodwin Ave	Brick / N/A	Paved	8.11	\$1,948	\$522,324	216	259	475	279,346	4.088	253
WM10A-10A7	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	418 Jackson Heights	Precast / N/A	Paved	17.12	\$3,500	\$526,858	288	547	835	280,181	4.191	254
WM10A-14A3	Complete Manhole Rehab w/ New Cover	480 Stuart Ave	Rehab / N/A	Paved	11.15	\$2,534	\$529,392	288	259	547	280,728	4.631	255
WM10N-10B1	Complete Manhole Rehab w/ New Frame and Cover	405 S 31st St	Precast / N/A	Paved	3.94	\$1,230	\$530,622	288	259	259	280,987	4.747	256
WM10N-25D1	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	615 Petro Rd	Precast / N/A	Paved	8.26	\$3,500	\$534,122	576	144	720	281,707	4.861	257
WM10A-10A1	Replace Cover/Frame/Frame Seal	205 Bellis St	Rehab / N/A	Paved	5.03	\$1,450	\$535,038	288		288	281,995	5.035	258
WM10A-10A5	Replace Cover/Frame/Frame Seal	225 Bellis St	None / N/A	Paved	3.28	\$1,450	\$536,488	288		288	282,283	5.035	259
WM10A-10A4	Replace Cover/Frame/Frame Seal	227 Bellis St	Rehab / N/A	Paved	2.51	\$1,450	\$537,938	288		288	282,571	5.035	260
WM10A-10A3	Replace Cover/Frame/Frame Seal	2208 Autumn Ave	Precast / N/A	Paved	15.92	\$1,450	\$539,388	288		288	282,859	5.035	261
WM15A2-15A15	Replace Cover/Frame/Frame Seal	1401 Ingram Blvd	Other / N/A	Paved	4.09	\$1,450	\$539,838	288		288	283,147	5.035	262
WM10A-10H4	Replace Cover/Frame/Frame Seal	2511 E Monroe Ave	Rehab / N/A	Paved	6.09	\$1,450	\$539,288	288		288	283,435	5.035	263
WM15A2-15A4B	Replace Cover/Frame/Frame Seal	2404 Tallwood Dr	Not Visible / N/A	Paved	4.72	\$1,450	\$539,738	288		288	283,723	5.035	264

Manhole	Repair Description	Street Address	Construction / MH Type	Surface	Depth	Repair Cost	Cumulative Repair Cost	Inflow (GPD)	Inflit (GPD)	Total Inflow (GPD)	Cumulative Flow (GPD)	Ratio (\$/GPD)	Count
WM15A2-15AB6A	Replace Cover/Frame/Frame Seal	2315 S Service Rd	Precast / N/A	Paved	6.51	\$1,450	\$541,188	288		288	288,011	5.035	265
WM10N-13C8B	Replace Cover/Frame/Frame Seal	151 Legion Rd	Precast / N/A	Paved	2.40	\$1,450	\$542,638	288		288	284,299	5.035	266
WM10A-14F1	Replace Cover/Frame/Frame Seal	491 N 28th St	Precast / N/A	Paved	6.78	\$1,450	\$544,088	288		288	284,587	5.035	267
WM15A2-15AA4A	Replace Cover/Frame/Frame Seal	2404 Tallwood Dr	Not Visible / N/A	Paved	4.88	\$1,450	\$545,538	288		288	284,875	5.035	268
WM13A3-13W2B	Replace Cover/Frame/Frame Seal	3600 E Broadway St	Poured / N/A	Paved	3.05	\$1,450	\$546,988	288		288	285,163	5.035	269
WM13A3-13A14	GROUT Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	800 Dr Martin Luther King Jr Dr	Precast / N/A	Non-Paved	8.74	\$3,100	\$550,088	288		288	285,739	5.382	270
WM10A-10AB2	GROUT Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	139 Stuart Ave	Rehab / N/A	Non-Paved	7.50	\$3,100	\$553,188	288		288	286,315	5.382	271
WM10N-12G2	Cementitious Coating and GROUT Pipe Seals	3401 Beatty St	Rehab / N/A	Paved	8.12	\$1,949	\$555,137	360		360	286,675	5.414	272
WM10N-12G1	Cementitious Coating and GROUT Pipe Seals	3309 Beatty St	Rehab / N/A	Paved	8.27	\$1,973	\$557,111	360		360	287,035	5.481	273
WM10N-12J2	Cementitious Coating and GROUT Pipe Seals	3508 Church St	Rehab / N/A	Paved	6.07	\$1,621	\$558,732	288		288	287,323	5.629	274
WM10N-12G4	Cementitious Coating and GROUT Pipe Seals	3801 Beatty St	Rehab / N/A	Paved	6.10	\$1,626	\$560,358	288		288	287,611	5.646	275
WM10N-12F2	Cementitious Coating and GROUT Pipe Seals	407 N 34th St	Rehab / N/A	Paved	6.39	\$1,672	\$562,030	288		288	287,899	5.807	276
WM10A-14E2	GROUT Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	520 N 27th St	None / N/A	Paved	4.42	\$3,500	\$565,530	288	288	576	288,475	6.076	277
WM10N-12J1	Cementitious Coating, GROUT Lower 18" of Manhole, and Repair Bench/Trough	401 N 36th St	None / N/A	Paved	4.89	\$1,750	\$567,281	288		288	288,763	6.078	278
WM10N-12A6	Cementitious Coating, GROUT Lower 18" of Manhole, and Repair Bench/Trough	3400 Church St	None / N/A	Paved	5.37	\$1,859	\$569,140	288		288	289,051	6.456	279
WM15A2-15Y2	Cementitious Coating and GROUT Pipe Seals	599 E Woodlawn St	Rehab / N/A	Non-Paved	4.70	\$1,402	\$570,542	216		216	289,267	6.491	280
WM10N-10A11	Complete Manhole Rehab w/ New Cover	2498 S.L. Henry St	Rehab / N/A	Paved	9.04	\$2,196	\$572,738	72	259	331	289,598	6.632	281
WM15A2-15A12	Cementitious Coating and Replace Cover/Frame/Frame Seal	1100 Ingram Blvd	Rehab / N/A	Paved	7.85	\$2,922	\$575,660	72	360	432	290,030	6.764	282
WM15A2-15AA2	Cementitious Coating and GROUT Pipe Seals	2306 Goodwin Ave	Not Visible / N/A	Paved	5.72	\$577,225	\$577,225	216		216	290,246	7.246	283
WM10A-10A17	GROUT Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	205 Ingram Blvd	Poured / N/A	Paved	14.70	\$3,500	\$580,725	72	288	360	290,606	9.772	284
WM10A-10X2	Replace Cover/Frame/Frame Seal	107 Stuart Ave	Not Visible / N/A	Paved	12.05	\$1,450	\$582,175	72		72	290,678	20.139	285
WM10N-10BC13	Replace Cover/Frame/Frame Seal	205 N Walker Ave	Rehab / N/A	Paved	6.02	\$1,450	\$583,625	72		72	290,750	20.139	286

Report Totals: Total Cost: \$583,625

Total Inflow:

218,520

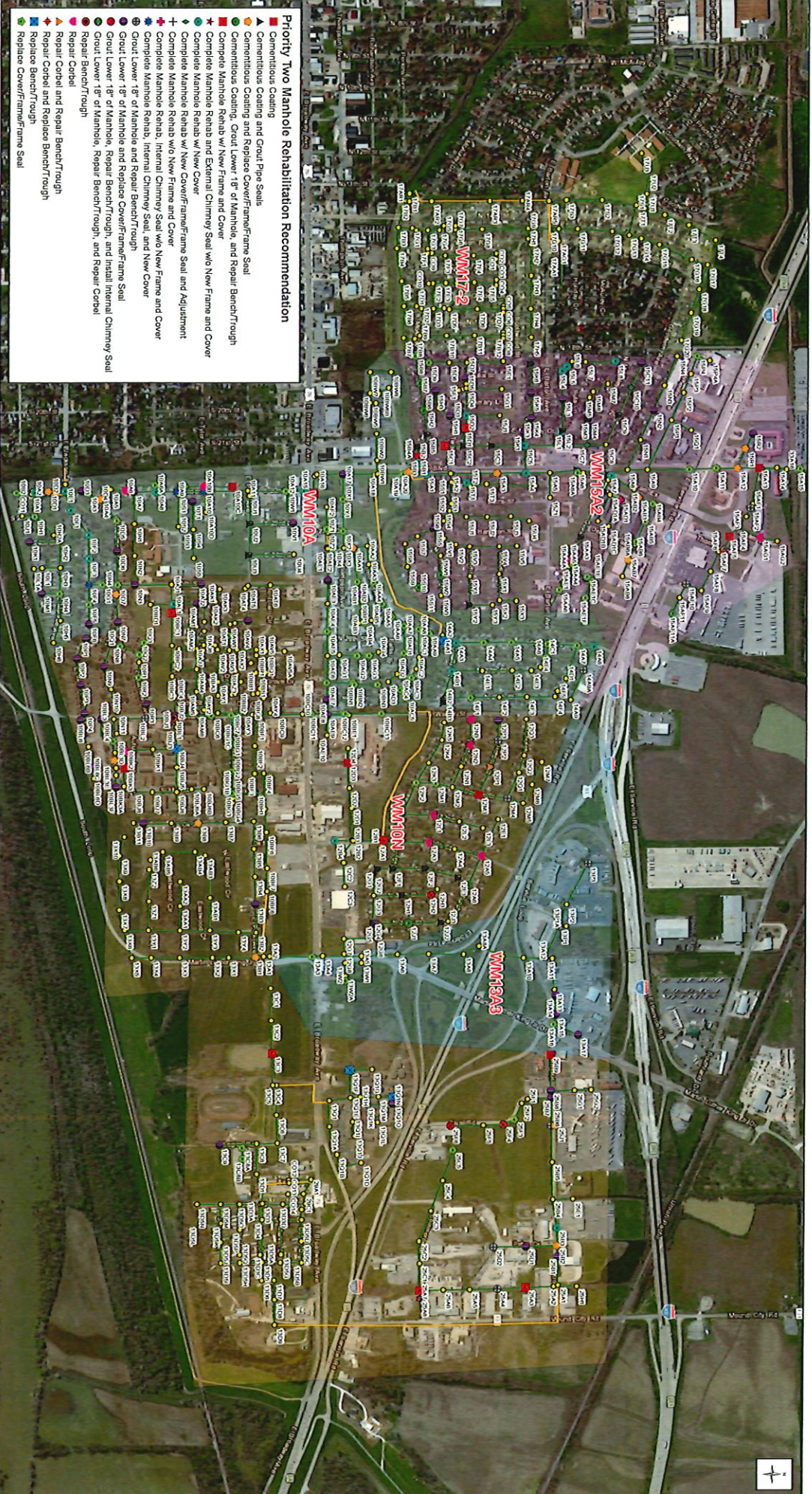
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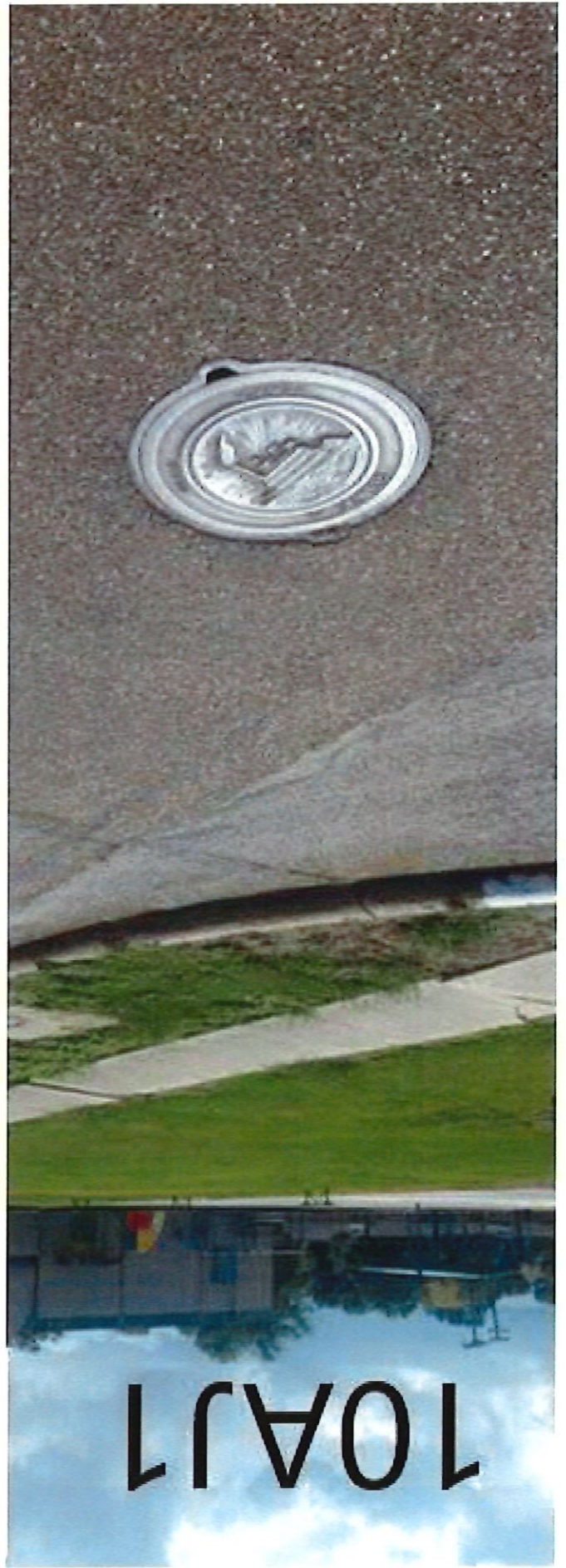
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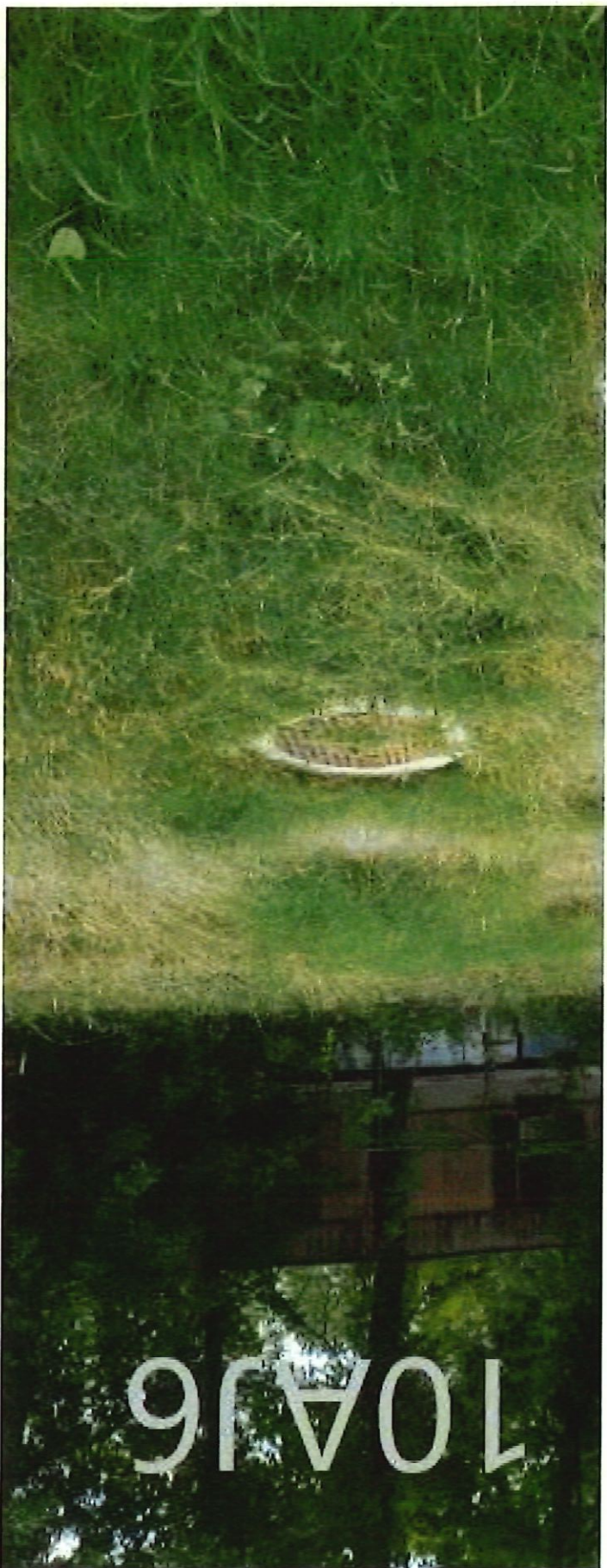
290,750

West Memphis, AR

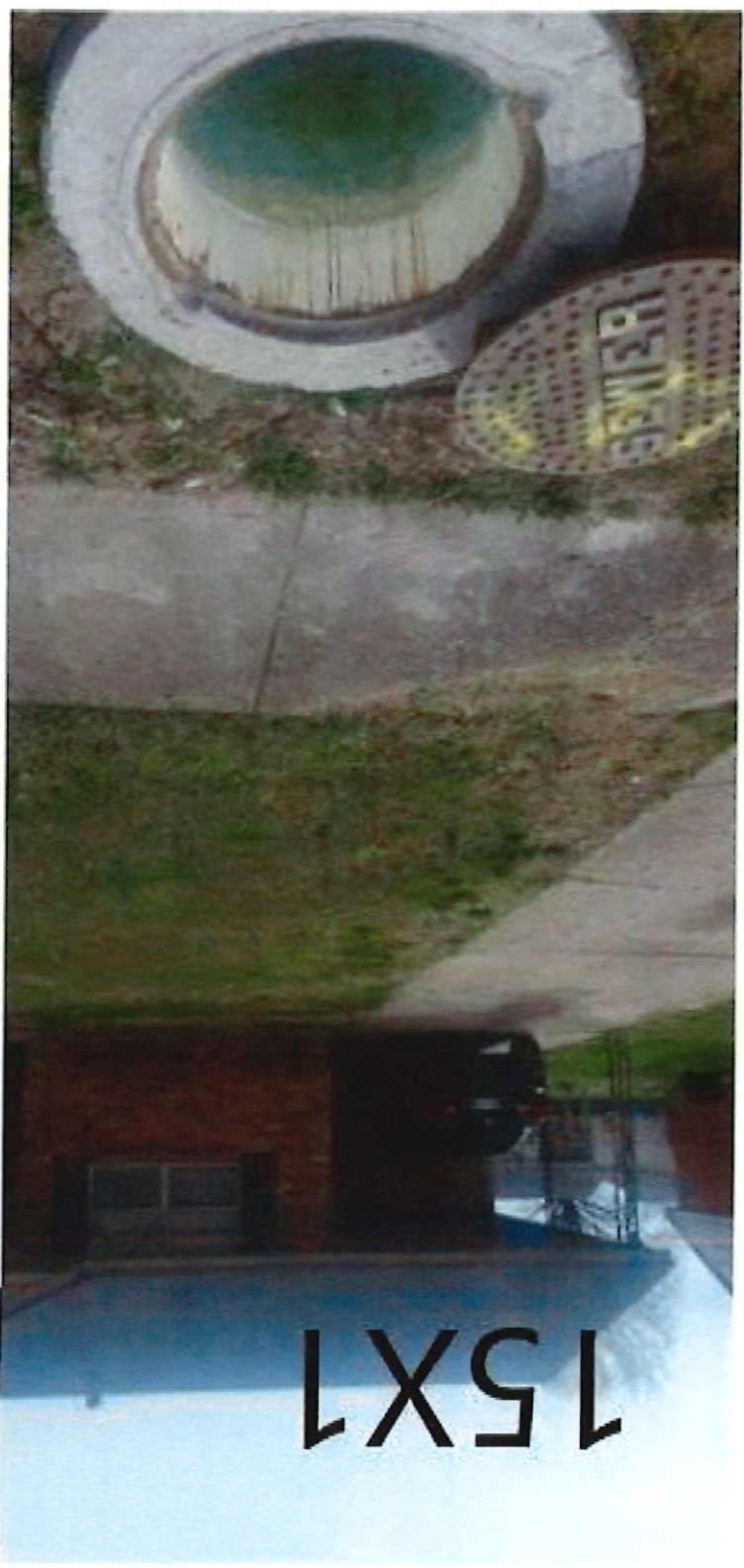


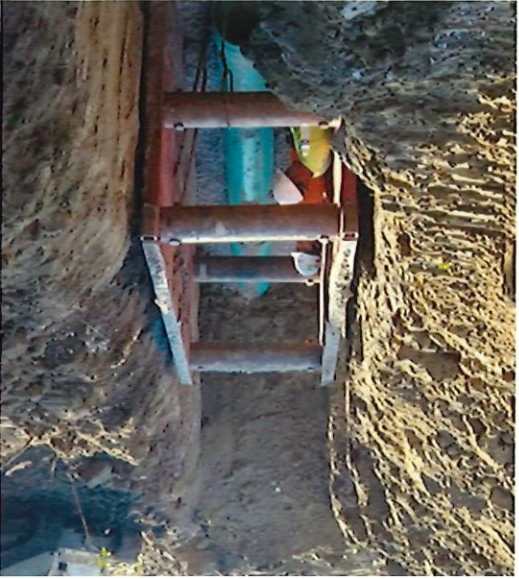






10A96







Location #33
6/1/2023



504 E MCAuley Dr Repair #33



Location #34
6/1/2023

529 Julia St Repair # 34 Completed.



location #36 not #37
6/1/2023

1913 Sula Ln Repair #37





Location 42 & 42A 7/13/2023
512 Parkway



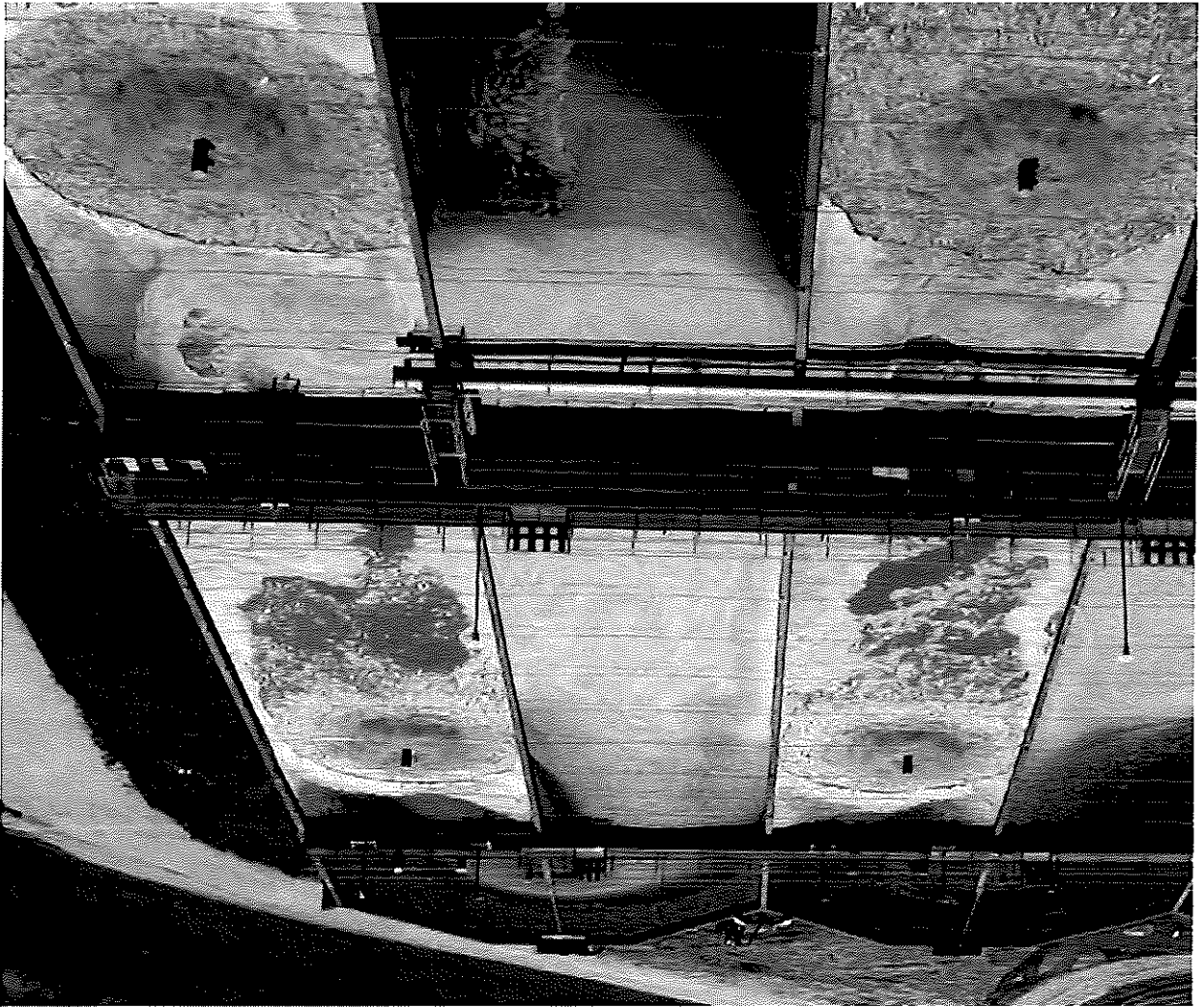
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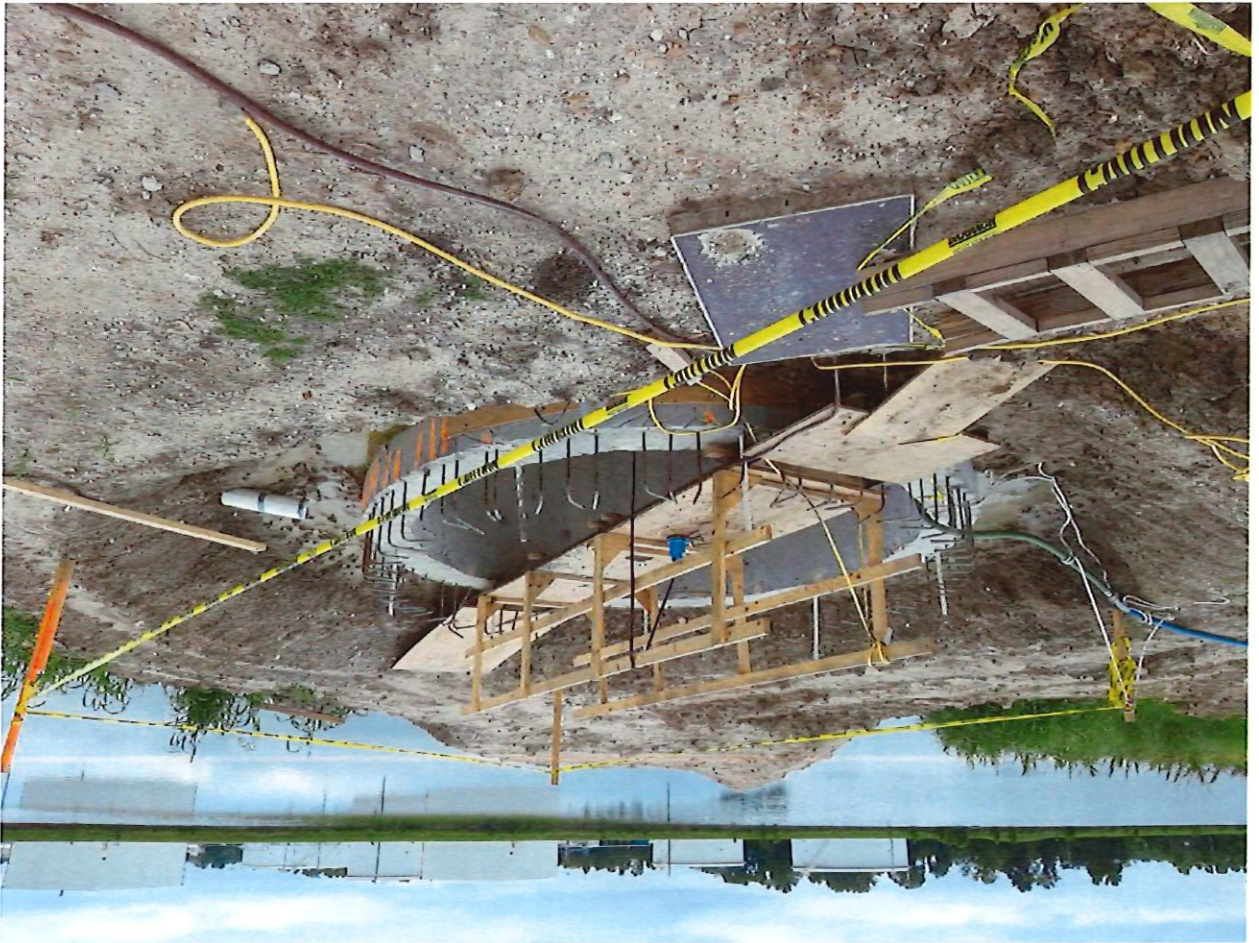
Aerial View of Clarifiers
March 28, 2024



New Aerators
March 28, 2024



EQ Basin Pump Last Station Sunk
May 13, 2024



Influent/Grit Chamber Site
May 14, 2024



SEWER POINT REPAIR

Location	Pipe Segment	Diameter (inches)	Stationing	FROM USMH/DSMH	Dept (VF)	Depth Level (VF)	Length (LF)	Location	Pipe Material	Address	Status	NOTES
1	4AG1:4AF1	8	0+32 to 0+42	USMH	6.8	6.1 to 8	306	Grass easement	Concrete	809 DOVER RD		
2	4AG1:4AF1	8	2+26 to 2+36	USMH	6.8	6.1 to 8	306	Grass easement	Concrete	809 DOVER RD		
3	4AG1:4AF1	8	2+96 to 3+06	USMH	6.8	6.1 to 8	306	Grass easement	Concrete	809 DOVER RD		
4	8J4:8J3	8	0+32 to 0+42	DSMH	2.8	0 to 6	332	Center street	Concrete	308 S 4th St	COMPLETED	Alternate Bid # 14 (\$2,500), Alternate Bid # 6 (additional 1 ft)
5	8J4:8J3	8	0+66 to 0+76	DSMH	2.8	0 to 6	332	Center street	Concrete	308 S 4th St	COMPLETED	
6	8J4:8J3	8	1+28 to 1+38	DSMH	2.8	0 to 6	332	Center street	Concrete	308 S 4th St	COMPLETED	
7	8J4:8J3	8	1+62 to 1+72	DSMH	2.8	0 to 6	332	Center street	Concrete	308 S 4th St	COMPLETED	
8	8B7:8B6	18	TBD	USMH	9.5	8.1 to 10	345	Paved Easment	Concrete	302 MONROE AVE	COMPLETED	**camera truck with Lamb
9	8CQ2:8CQ1	8	3+08 to 3+18	USMH	2.8	0 to 6	495	Center street	Concrete	1906 E HARRISON	COMPLETED	*Charging extra labor due to given location being incorrect therefore digging up in an incorrect loc
10	10AA7:10AA6	10	1+49 to 1+59	DSMH	8.2	8.1 to 10	167	Grass easement	Concrete	164 STUART AVE	COMPLETED	*pipe shattered into manhole; no manhole boots; using quick set concrete as substitute
11	10AA8:10AA7	8	1+55 to 1+65	USMH	7.6	6.1 to 8	166	Grass easement	Concrete	164 STUART AVE		
12	10AE3:10AE2	12	1+29 to 1+39	USMH	9.6	8.1 to 10	254	Grass easement	Concrete	2308 E BROADWAY ST		sewer line (1200) 4 ft under water line and will need to burst
13	10AE7:10AE6	12	0+00 to 0+10	USMH	5.3	0 to 6	292	Grass easement	Concrete	2602 E BROADWAY ST	COMPLETED	Said 12 in pipe but really 10 in
14	10AG3:10AG2	8	1+15 to 1+25	USMH	5.2	0 to 6	235	Grass easement	Concrete	208 FALLIS ST	COMPLETED	
15	10BB2:10BB1	6	0+00 to 0+10	DSMH	4.5	0 to 6	97.6	Grass easement	Concrete	2808 E GROVE DR	COMPLETED	
16	10AV6:10AV5	8	1+88 to 1+98	USMH	5.8	0 to 6	201	Grass easement	Concrete	2786 ELM CV	COMPLETED	
17	10AV5:10AV4	8	0+86 to 0+96	USMH	7.1	6.1 to 8	106.7	Grass easement	Concrete	2769 ELM CV	COMPLETED	
18	10AV3:10AV2	8	0+72 to 0+82	DSMH	8.6	8.1 to 10	82.1	Grass easement	Concrete	2770 W GROVE DR	COMPLETED	total length 13; Alternate bid item #6
19	10AZ2:10AZ1	6	0+00 to 0+10	DSMH	4.3	0 to 6	91.5	Grass easement	Concrete	2802 E GROVE DR	COMPLETED	**Plans said it was 6in pipe, actually 8 in pipe
20	10BW8:10BW7	10	2+05 to 2+15	DSMH	3.2	0 to 6	230	Grass easement	PVC	398 INGRAM BLVD	COMPLETED	**worked around telephone cable running through sewer pvc pipe
21	10M1:10H4	8	1+57 to 1+67	USMH	6.2	6.1 to 8	199	Center street	Concrete	2511 E MONROE AVE	COMPLETED	Alternate bid #6 (additional 3 ft of pipe)
22	10Q3:10Q2	8	0+00 to 0+10	DSMH	4.3	0 to 6	127.1	Grass easement	Concrete	2702 E HARRISON AVE	COMPLETED	
23	10R3:10R2	8	0+00 to 0+10	USMH	3.5	0 to 6	232.6	Paved Easment	PVC	2823 E. HARRISON AVE	COMPLETED	
24	10R3:10R2	8	2+15 to 2+25	USMH	3.5	0 to 6	232.6	Paved Easment	PVC	2823 E. HARRISON AVE	COMPLETED	
25	12L1:12K1	8	3+36 to 3+46	USMH	5.5	0 to 6	346.5	Center Street	Concrete	3111 BEATTY ST	COMPLETED	
26	12P2:12P1	8	1+40 to 1+50	USMH	4	0 to 6	300.1	Center Street	Concrete	2908 DICKSON ST	COMPLETED	
27	12P2:12P1	8	2+10 to 2+20	USMH	4.5	0 to 6	300.1	Center Street	Concrete	2908 DICKSON ST	COMPLETED	
28	13A17:13A16	10	1+08 to 1+18	USMH	7	6.1 to 8	287.3	Grass easement	PVC	900 DR MARTIN LUTHER KING		
29	13B10:13B9	8	1+80 to 1+70	DSMH	3.5	0 to 6	277.7	Grass easement	Concrete	306 S Ok St	COMPLETED	Alternate bid item #6 (additional 7 ft and 1 in of pipe)
30	13P3:13P2A	10	1+39 to 1+49	USMH	7.5	6.1 to 8	503	Park lot/ asphalt	PVC	3600 SERVICE LOOP	COMPLETED	**Located incorrectly due to the second manhole being covered with asphalt; incorrect hole was dug backfilled 8/17-18. Breakage was listed incorrectly on plans and required extra 2 feet of a hole cut.
31	15AB5:15AB4	8	1+80 to 1+90	USMH	6	6.1 to 8	220.8	Paved Easment	Concrete	2315 S SERVICE RD	COMPLETED	9-10 feet deep instead of the 6-8 feet listed on plans. Replaced a 6 in tie in that was unman broken during excavation
32	15AG2:15AG1	10	0+73 to 0+83	DSMH	4	0 to 6	189	Grass easement	PVC	1300 INGRAM BLVD	COMPLETED	*Pipe was not extended from "break" until the next manhole, resulting in 110 of extra pipe to be laid
33	15D4:15D3	8	0+00 to 0+10	DSMH	6.8	6.1 to 8	290	Grass easement	Concrete	504 E MCAULEY DR	COMPLETED	6/1/2023
34	15D6A:15D6	8	0+40 to 0+50	USMH	4	0 to 6	50.1	Grass easement	Concrete	529 JULIA ST	COMPLETED	6/1/2023
35	15D8:15D7	8	1+83 to 1+93	USMH	4.2	0 to 6	196.3	Grass easement	Concrete	517 N 18TH ST	Completed	6/1/2023 no pics
36	15L3:15L2	8	3+29 to 3+39	DSMH	5.69	0 to 6	339.2	Grass easement	Concrete	1913 SULA LN	COMPLETED	6/1/2023 Says #37 on picture sent Address is correct
37	15M4:15M3	8	0+00 to 0+10	DSMH	4.6	0 to 6	29.1	Grass easement	Concrete	1928 SULA LN	COMPLETED	4/18/2023
38	15N4:15N3	8	2+88 to 2+98	DSMH	3.4	0 to 6	298	Grass easement	Concrete	1805 WHEELER AVE	COMPLETED	Service connection broken during repair and replaced
39	15R1:15A12	8	2+31 to 2+41	USMH	7.8	6.1 to 8	241.1	Center street	Concrete	1100 INGRAM BLVD		
40	15W3:15W2	8	0+97 to 1+07	DSMH	2.4 to 4	0 to 6	110	Center street	Concrete	2505 GATHINGS DR	COMPLETED	Alternate bid item #6 (additional 2 feet of pipe) due to cracking on bell
41	17C5:17C4	12	3+69 to 3+79	USMH	11.4	10.1 to 12	379	Grass easement	Concrete	S McAuley Dr near the Bayou	Completed	7/14/2023
42	17C6:17C5	6	0+02 to 0+12	USMH	11.2	10.1 to 12	92	Grass easement	Concrete	510 parkway	Completed	7/13/2023

28 & 39 will be added to OPP list
 8 may be bid out on its own.
 1-3 & 4; & 42 need camera footage

12 was uncovered 5ft and water main is 4 ft above sewer line. Pipe burst alternative

REPAIR LATERAL

Location	Pipe Segment	Diameter (inches)	Stationing	FROM USMH/DSMH	Dept (VF)	Depth Level (VF)	Length (LF)	Location	Pipe Material	Address
1A	4AG1:4AF1	TBD	2+42	USMH	6.8	6.1 to 8	306	Grass easement	Concrete	809 DOVER RD
2A	17C6:17C5	6	0+50	USMH	11.2	10.1 to 12	92	Grass easement	Concrete	510 parkway