

2022 ANNUAL REPORT



**CITY OF TYLER
CONSENT DECREE
DOJ NO. 90-5-1-1-09767**

March 1, 2023

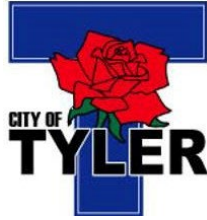


James Sallans
Litigation Division, MC-175
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087



Associate Director, Water Enforcement Branch
Compliance Assurance and Enforcement Division
U.S. Environmental Protection Agency, Region 6
1201 Elm Street, Suite 500
Dallas, TX 75270-2102

P.O. Box 2039
Tyler, Texas 75710



511 W. Locust
Tyler, Texas 75702

February 27, 2023

Associate Director, Water Enforcement Branch Compliance Assurance and Enforcement Division
U.S. Environmental Protection Agency, Region 6 1201 Elm Street, Suite 500
Dallas, TX 75270-2102

James Sallans
Litigation Division, MC-175
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: City of Tyler Consent Decree DOJ No. 90-5-1-1-09767
2022 Annual Report

To EPA Region 6 and TCEQ:

Pursuant to Paragraph IX.88 of the Consent Decree for United States et al v. City of Tyler, please find enclosed electronic and hard copies of the City of Tyler's annual report covering the reporting period of January 1, 2022, through December 31, 2022.

Please feel free to contact me at (903) 531-1234 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Kate M. Dietz". The signature is written in a cursive style.

Kate Dietz, P.E.
Tyler Water Utilities Director of Utilities

Enclosures

CITY OF TYLER
CONSENT DECREE, DOJ No. 90-5-1-1-09767

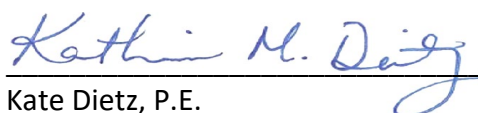
2022 ANNUAL REPORT
1 JANUARY 2022 THROUGH 31 DECEMBER 2022

Enclosed is the City of Tyler Annual Report for the reporting period of 1 January 2022 through 31 December 2022. The report structure follows the requirements listed in “Appendix I – Consolidated Listing of *United States et. al v. City of Tyler* Consent Decree Deliverables and Consent Decree Reports”. Each tab represents the following sections:

Section A	CMOM Program
Section B	Trend Analysis
Section C	Quarterly Reports
Section D	Training Program
Section E	SSO Reporting
Section F	System-Wide Routine Cleaning Program
Section G	Revised High Frequency Cleaning Program
Section H	Root Control Program
Section I	Completion of Condition Assessment Activities
Section J	FOG Enforcement Program
Section K	Completion of Capacity Remedial Measures
Section L	Completion of Condition Remedial Measures
Section M	Completion of Lift Station Remedial Measures
Section N	Completion of Force Main Remedial Measures
Section O	Additional Constructed SSO Locations

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.



Kate Dietz, P.E.
Director of Utilities

2/27/2023

Date

Section A. CMOM Program (Subparagraph 88.a):

The certified Final Capacity, Management, Operation, and Maintenance (CMOM) Program, was submitted to the Associate Director, Water Enforcement Branch, Compliance Assurance and Enforcement Division, U.S. Environmental Protection Agency, Region 6 (EPA), and Mr. James Sallans, Litigation Division, MC-175, Texas Commission on Environmental Quality (TCEQ) on 5 October 2017, prior to the requirement (Paragraph 16) that it be submitted no later than one (1) year after the Consent Decree Effective Date of 10 April 2017. City of Tyler received comments on its Final CMOM Program from EPA, incorporated them 4 April 2018, and received an email confirming the Final CMOM Program (CMOM Program) acceptance 20 November 2018 from Mr. Alan Vaughn, U.S. Environmental Protection Agency, Region 6.

A thorough review of the CMOM program was completed during 2022, and resulting updates were non-material changes such as updating contact information, performance indicators, and the list of food service establishments. The updated CMOM has been posted to the City website.

A.1 Training Program

The technical and skills training program, as detailed in Appendix B of the CMOM Program, and in compliance with Paragraphs 19 and 20 of the Consent Decree, has been implemented at Tyler Water Utilities (TWU). Specific training is outlined for specific job categories and roles. Training records are maintained for each employee and are included in Section D of this Annual Report for 2022. No changes to this program have been made at this time.

A.2 Sewer Overflow Response Plan (SORP)

A Sewer Overflow Response Plan, as detailed in Appendix D of the CMOM Program, and in compliance with Paragraph 21 of the Consent Decree, has been implemented at TWU. The Emergency Contact Numbers (SORP Appendix 3) have been updated.

A.3 SSO Reporting and Documentation Procedures

The SORP provides written procedures for sanitary sewer overflow (SSO) reporting and documentation, in compliance with Paragraphs 22 – 27 of the Consent Decree. TWU Standard

Operating Procedures (SOPs), included in Appendix A of the CMOM Program, address requirements in said paragraphs and are currently implemented and in use to report and document SSOs. Records for 2022 are included in Section E of this Annual Report. No changes to these procedures have been made at this time.

A.4 System-Wide Routine Cleaning Program

In compliance with Paragraphs 28 – 30 of the Consent Decree, and as explained in Section 3.5 of the CMOM Program, a TWU developed system wide cleaning program is ongoing. Documentation of said cleaning for 2022 is included in Section F of this Annual Report. No changes to this program have been made at this time.

A.5 Revised High Frequency Cleaning Program

TWU staff, in compliance with Paragraphs 31 – 33 of the Consent Decree, developed and implemented a High Frequency Cleaning Program. Said High Frequency Cleaning Program is included in Appendix E of the CMOM Program. Changes to the high-frequency cleaning program are documented in Section G of this Annual Report. The use of rodding machines has been replaced with high pressure jetting equipment.

A.6 Sewer System Internal Inspection Program

TWU staff developed an ongoing Sewer System Internal Inspection Program, in compliance with Paragraphs 34 – 35 of the Consent Decree. Said Sewer System Internal Inspection Program will be implemented following completion of the Assessment of Gravity Sewer Lines required in Paragraph 58 of the Consent Decree. Section 3.2 of the CMOM Program presents this inspection program; Appendix F of the CMOM Program details components of the Condition Assessment as related to gravity sewer lines. No changes to this program have been made at this time.

A.7 Sewer System Manhole Inspection Program

TWU staff developed an ongoing Sewer System Manhole Inspection Program, in compliance with Paragraphs 36 – 37 of the Consent Decree. Said Sewer System Manhole Inspection Program will be implemented following completion of the Assessment of Manholes required in Paragraph 59 of the Consent Decree. Section 3.3 of the CMOM Program presents this inspection program;

Appendix F of the CMOM Program details components of the Condition Assessment as related to manholes. No changes to this program have been made at this time.

A. 8 Lift Station Preventative Maintenance Plan

In compliance with Paragraph 38 of the Consent Decree, TWU developed a Lift Station Preventive Maintenance Plan. Said Lift Station Preventive Maintenance Plan utilizes TWU SOPs, included in Appendix A of the CMOM Program. TWU utilizes Cityworks™ to track preventive maintenance work orders.

As part of the CMOM program, TWU staff recommended the following lift stations and associated force mains for detailed condition assessment and/or design of necessary repairs and design improvements, See **Table A-1**.

Table A-1: CMOM Lift Station and Force Main Improvements

CMOM Item	Project Site	Project Description	Project Completion Date
1	Bellwood Lift Station	Engineering Letter Report Assessment	10/31/2023
2	Shackelford Lift Station	Engineering Letter Report Assessment	10/31/2023
3	Brooks Lift Station	Engineering Letter Report Assessment	10/31/2023
4	Charleston Lift Station	Engineering Detailed Design	12/31/2023
5	Earl Campbell Lift Station	Consolidation Design & Construction	12/31/2025
6	Hogan Lift Station	Influent Sewer Repairs	12/31/2024
7	Greenbriar Lift Station	Engineering Detailed Design	12/31/2025
8	Gilley Lift Station	Engineering Detailed Design	12/31/2025

A.9 Fats, Oils, and Grease (FOG) Control Program

In compliance with Paragraphs 39 – 40 of the Consent Decree, a comprehensive FOG Control Program, as detailed in the CMOM Program, Appendix C, was developed. This FOG Control Program has been implemented and an ordinance has been adopted. No changes to this program have been made at this time. Updates to the FOG Generators (food service establishments) list and approved waste haulers are incorporated as needed.

A.10 Root Control Program

TWU staff developed a Root Control Program, in compliance with Paragraphs 41 – 43 of the Consent Decree. This Root Control Program is detailed in Section 7 of the CMOM Program. The use of rodding machines has been replaced with high pressure jetting equipment.

A.11 Information Management System

TWU, in compliance with Paragraphs 44 – 49 of the Consent Decree, updated its Information Management System (IMS) system to Cityworks™. The Asset Management System (AMS) is integrated with City of Tyler's Geographical Information System (GIS) to create a Spatial Data Management System (SDMS). Sections 2.8 and 2.9 of the CMOM Program describe the IMS and SDMS plan. No substantial changes to this system have been made at this time.

Section B. Trend Analysis (Subparagraph 88.b):

An analysis of the number, volume, duration, and cause of SSOs over a 24-month rolling time period is required by the Consent Decree. In the reporting period of 1 January 2021 through 31 December 2021, there were 62 SSOs, as compared to 52 in the 1 January 2022 through 31 December 2022 reporting period. This is a continued downward trend line. Annual rainfall for 2022, as compared to 2021, decreased approximately thirteen (13) inches, from 49.6" in 2021 to 36.0" in 2022.

B.1 Number: 24-month Rolling

A comparison of the rolling 24-month 2020-2021 to 2021-22 periods, demonstrates that the annual average number of SSOs drops from 70.5 to 57.0. This is a 19.2% reduction.

B.2 Volume: 24-month Rolling

The average SSO volume increased by 23.3% from 1,927 gallons during 2020-21 to 2,377 gallons in 2021-22. However, the overall volume of sanitary sewer overflows slightly decreased from 271,731 gallons for 2020-2021 period to 270,957 gallons due the decrease in the number of SSOs.

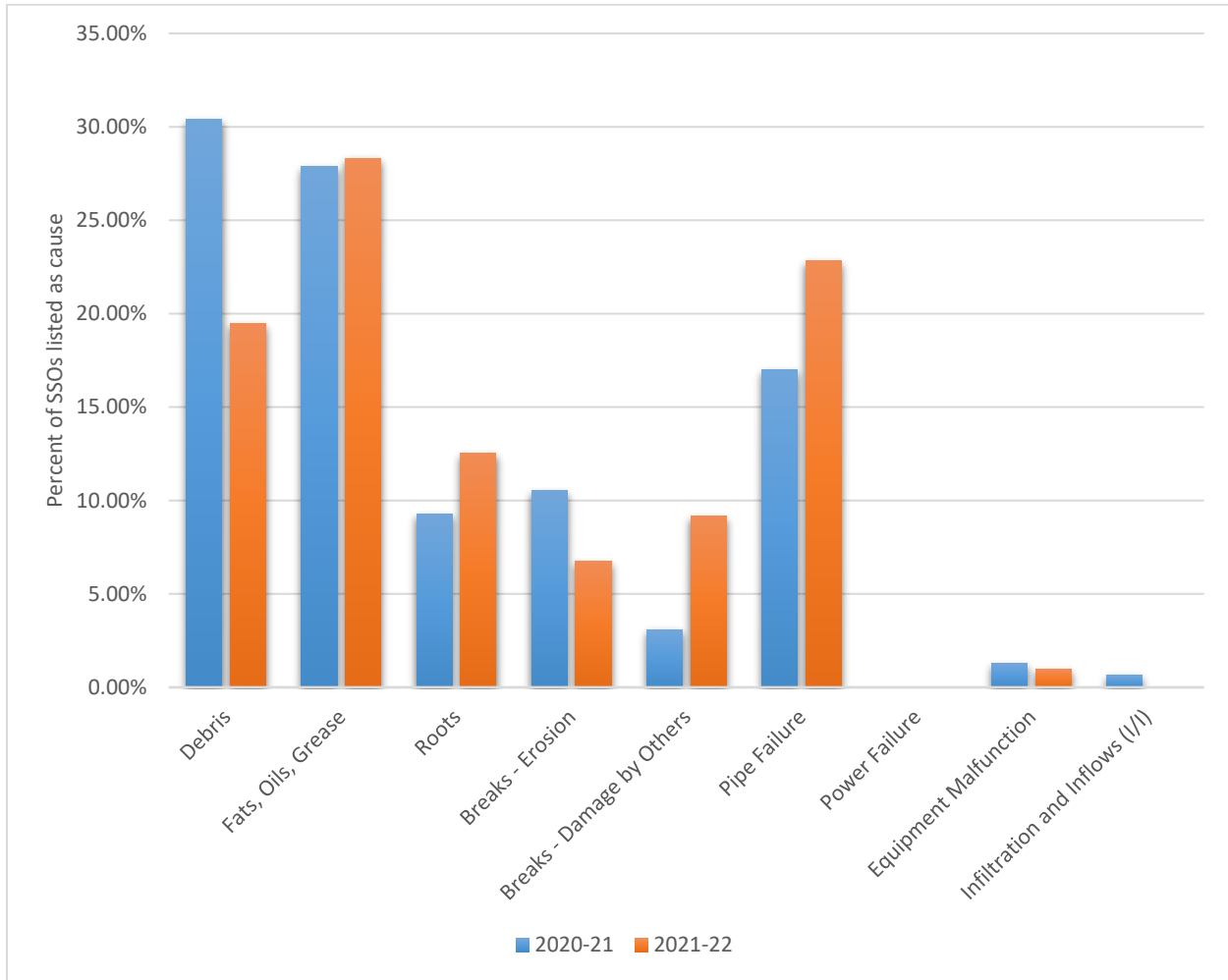
B.3 Duration: 24-month Rolling

Comparing the average duration of SSOs during the 2020-21 period to the 2021-22 period, the average SSO duration increased from 152 minutes to 163 minutes. This is an increase of 6.9%.

B.4 Discussion

The rolling 24-month comparisons are continuing to trend in the right direction. Improved access to easement and difficult to reach areas, proactive repair and remedial work, preventative maintenance, more miles of gravity sewer main cleaned, more experience, and improvements to the sanitary sewer collection system are all contributing factors to this trend. The majority of SSOs typically occurred due to pipe failures and fats, oils, and grease (FOG). Debris, roots, and breaks due to damage by others are the three (3) next most common causes of SSOs after pipe failures and FOG. The significant decrease in debris related SSOs can be attributed to the

Figure B-1: Cause of SSOs in the 2020-21 and 2021-22 Rolling 24-Month Periods



City of Tyler follows the CMOM Program components to help prevent, mitigate, and decrease the number of SSOs. The high frequency and city-wide cleaning programs, along with the FOG program, are targeted CMOM Program components identified to reduce SSOs. Management continues to evaluate and monitor their effectiveness. Efficient and thorough utilization of the Cityworks™ AMS remains key to successfully performing and tracking preventative maintenance and remedial activities. City of Tyler is working to be better able to monitor those remote sewer lines by major easement improvements to reduce the number of SSOs caused by line breaks or failures primarily due to erosion.

Section C. Quarterly Reports (Subparagraph 88.c):

A compilation of the quarterly reports submitted during the 1 January 2022 through 31 December 2022 reporting period is attached.

City of Tyler
Consent Decree, DOJ No. 90-S-1-1-09767
Quarterly Report - 2022 Quarter 1
01 January 2022 through 31 March 2022

Start Date	Start Time	Finish Date	Finish Time	Address	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
1/1/2022	10:25:37 AM	1/1/2022	1:25:47 PM	5421 Quail Creek Dr, Tyler, TX, 75703	SS.GM.T0002782	West Mud Creek	600	550	GRAVITY MAIN	BREAKS DUE TO EROSION BREAKS, OTHER CAUSES FLOODING	No	No	Overflow Vacuumed, Overflow Stopped, Repaired	Repair Sewer Main	No
1/6/2022	8:24:00 AM	1/6/2022	8:44:00 AM	2454 W Front St, Tyler, TX, 75702	SS.GM.T0013941	Willow Creek	100	77	MANHOLE	DEBRIS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
1/21/2022	8:08:00 AM	1/21/2022	8:30:00 AM	W 32nd St & Border Ave, Tyler, TX, 75702	SS.GM.T0005348	Contained in Yard	66	50	MANHOLE	CONTRACTOR DAMAGE	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Manhole/Invert	No
2/11/2022	5:40:00 PM	2/11/2022	6:00:00 PM	422 Boyd Ln, Tyler, TX 75703	SS.GM.T0001053	Contained in Storm Drain	40	40	MANHOLE	DEBRIS FATS, OIL, GREASE	No	Yes, 2/8/2019	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
2/16/2022	9:40:46 AM	2/16/2022	11:42:58 AM	1308 W 33rd St, Tyler, TX 75702	SS.MH.T0002864	Black Fork Creek	3660	2000	MANHOLE	CONTRACTOR DAMAGE	No	No	Spill Contained, Overflow Stopped, Area Disinfected	Advised contractor to upsize their bypass pumps.	No
2/22/2022	2:30:00 PM	2/23/2022	12:00:00 AM	302 N Fleishel Ave, Tyler, TX, 75702	SS.GM.T0004187	Black Fork Creek	5,700	2,000	GRAVITY MAIN	CONTRACTOR DAMAGE	No	No	Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired	After a series of three repairs from contractor damage, it was determined the SSO was caused by a faulty private lateral.	No
2/25/2022	12:29:00 PM	2/25/2022	1:29:00 PM	617 W Dobbs St, Tyler, TX, 75701	SS.GM.T0007078	Contained in Street	360	300	MANHOLE	BREAKS, OTHER CAUSES	No	No	Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Sewer Main	No
3/1/2022	4:47:00 PM	3/1/2022	5:47:00 PM	1904 Lamplight Ln, Tyler, TX, 75701	SS.GM.T0004741	Black Fork Creek	600	550	MANHOLE	BREAKS, OTHER CAUSES	No	No	Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Sewer Main	No
3/10/2022	3/10/2022	3/11/2022	10:00:00 AM	1630 Old Omen Rd, Tyler, TX, 75701	SS.GM.T0008566	Black Fork Creek	2520	2000	MANHOLE	DEBRIS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Repair Manhole /Invert	No
3/20/2022	11:43:00 AM	3/20/2022	12:45:00 PM	Shenandoah Dr & McDonald Rd, Tyler, TX, 75701	SS.GM.T0004626	Black Fork Creek	248	200	MANHOLE	ROOTS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on Root Control Program	No
3/29/2022	9:20:00 AM	3/29/2022	10:00:00 AM	608 E 5th St, Tyler, TX, 75701	SS.GM.T0014175	Black Fork Creek	400	350	MANHOLE	ROOTS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on Root Control Program	No
3/29/2022	10:25:00 AM	3/30/2022	11:25:26 AM	1527 E Commerce St, Tyler, TX, 75702	SS.GM.T0013267	Black Fork Creek	600	300	MANHOLE	ROOTS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on Root Control Program	No

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Douglas Box - Interim Director of Utilities

Date

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
4/1/2022	8:00:00 PM	4/1/2022	10:00:00 PM	2405 Terrilings Dr, Tyler, TX, 75701	SS.GM.T0005778	Black Fork Creek	1,200	1,000	MANHOLE	ROOTS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
4/4/2022	9:14:00 AM	4/4/2022	10:25:00 AM	615 E 3rd St, Tyler, TX, 75701	SS.GM.T0009006	Black Fork Creek	710	600	MANHOLE	ROOTS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared.	Place on High Frequency Cleaning List	No
4/4/2022	8:00:00 AM	4/4/2022	8:30:00 AM	1101 Doctors Dr, Tyler, TX, 75701	SS.GM.T0009241	Contained in Building and Parking Lot	150	20	PRIVATE CLEANOUT	DEBRIS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Manhole/Invert	No
4/18/2022	8:30:53 PM	4/18/2022	9:45:00 PM	4501 Inverness Dr, Tyler, TX, 75703	SS.GM.T0001667	Contained in Storm Drain	375	375	MANHOLE	CONTRACTOR DAMAGE	No	No	Main Jetted, Spille Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired	Repair Sewer Main	No
4/25/2022	8:55:25 AM	4/25/2022	9:25:30 AM	734 S Fleishel Ave, Tyler, TX 75701	SS.GM.T0004771	Black Fork Creek	150	100	PRIVATE CLEANOUT	DEBRIS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared,	Place on High Frequency Cleaning List	No
5/8/2022	3:35:21 PM	5/8/2022	4:35:00 PM	E Front St & Baxter Ave, Tyler, TX, 75702	SS.GM.T0013426	Contained in Storm Drain	120	120	MANHOLE	BREAKS, OTHER CAUSES FATS, OIL, GREASE	No	No	Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
5/9/2022	10:10:00 AM	5/9/2022	11:05:00 AM	2406 Pine Burr Rd, Tyler, TX, 75702	SS.GM.T0007208	Willow Creek	165	145	MANHOLE	BREAKS, OTHER CAUSES ROOTS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared.	Place on Root Control Program	No
5/12/2022	7:35:00 PM	5/12/2022	8:35:00 PM	12343 Old Ranch Rd, Tyler, TX, 75706	SS.FM.T0000006	Contained in Yard	200	190	FORCE MAIN	CONTRACTOR DAMAGE	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired	Repair Sewer Main	No
5/24/2022	11:00:00 AM	5/25/2022	12:00:00 PM	9125 Cherokee Trl, Tyler, TX, 75703	SS.FM.T0000040	Contained in Yard	14,400	10,000	FORCE MAIN	BREAKS, OTHER CAUSES	No	Yes	Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired	Repair Sewer Main	No
5/29/2022	3:30:00 PM	5/29/2022	4:30:00 PM	501 W South Town Dr, Tyler, TX, 75703	SS.GM.T0014643	Contained in Yard	900	800	MANHOLE	BREAKS, OTHER CAUSES	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired	Repair Sewer Main	No
6/3/2022	3:30:00 PM	6/3/2022	4:00:00 PM	1418 W Gentry Pkwy, Tyler, TX, 75702	SS.GM.T0005581	Contained in Storm Drain	60	20	MANHOLE	FATS, OIL, GREASE	No	Yes, 8/7/2017	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
6/11/2022	5:01:01 PM	6/11/2022	5:41:13 PM	6771 S Broadway Ave, Tyler, TX, 75703	SS.GM.T0013361	Contained in Yard	240	200	MANHOLE	DEBRIS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired.	Repair Sewer Main	No
6/12/2022	6:08:00 PM	6/12/2022	7:38:03 PM	4624 Leisure Ln, Tyler, TX, 75703	SS.GM.T0002487	West Mud Creek	540	500	MANHOLE	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
6/28/2022	10:00:00 AM	6/28/2022	4:20:00 PM	3033 W Gentry Pkwy, Tyler, TX, 75702	SS.GM.T0013805	Black Fork Creek	9,500	3,000	GRAVITY MAIN	BREAKS DUE TO EROSION	No	No	Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired.	Repair Sewer Main	No
6/30/2022	5:05:00 PM	6/30/2022	6:15:00 PM	800 S Beckham Ave, Tyler, TX, 75701	SS.GM.T0006061	Contained in Storm Drain	210	200	PRIVATE CLEANOUT	DEBRIS	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Repaired	Installed Manhole & Check Valve	No

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Katherine M Dietz

Kate Dietz, P.E. - Director of Utilities

July 6, 2022

Date

City of Tyler
Consent Decree, DOJ No. 90-5-1-1-09767
Quarterly Report - 2022 Quarter 3
01 July 2022 through 30 September 2022

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
7/5/22	3:40:00 PM	7/5/22	4:10:00 PM	1318 Bailey Dr, Tyler, TX, 75702	SS.GM.T0009163	Contained	60	60	PRIVATE CLEANOUT	DEBRIS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
7/6/22	10:40:03 AM	7/6/22	10:50:06 AM	803 S Beckham Ave, Tyler, TX, 75701	SS.GM.T0009254	Contained	50	50	MANHOLE	DEBRIS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
7/11/22	5:15:00 PM	7/11/22	6:00:00 PM	615 S Vine Ave, Tyler, TX, 75701	SS.GM.T0008526	Contained	450	400	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	No	Main Jetted, Overflow Contained, Overflow Stopped, Area Disinfected, Blockage Cleared	Repair Sewer Main	No
8/7/22	8:45:00 PM	8/7/22	9:45:00 PM	6523 S Broadway Ave, Tyler, TX, 75703	SS.GM.T0013953	Contained in yard	180	120	MANHOLE	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Referred to FOG Program	No
8/23/22	1:00:00 AM	8/23/22	1:20:00 AM	2314 Holley St, Tyler, TX, 75701	SS.GM.T0004297	Contained to House	10	10	PRIVATE CLEANOUT	ROOTS	No	No	Main Jetted, Overflow Contained, Overflow Stopped, Blockage Cleared	Install Manhole and Place on Root Control Program	No
8/26/22	9:46:00 AM	8/26/22	10:16:00 AM	3715 Fry Ave, Tyler, TX, 75701	SS.GM.T0003818	W. Mud Creek	30	15	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Repair Sewer Main	Yes
8/28/22	3:40:43 PM	8/28/22	4:40:51 PM	2723 Ada Ave, Tyler, TX, 75702	SS.GM.T0008193	Contained	60	60	MANHOLE	FATS, OIL, GREASE	No	Yes	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List and Repair Main	No
9/14/22	2:00:10 PM	9/14/22	2:50:00 PM	845 Crosby St, Tyler, TX, 75701	SS.GM.T0003867	Contained	50	50	GRAVITY MAIN	CONTRACTOR DAMAGE	No	No	Main Jetted, Overflow Contained, Overflow Stopped, Area Disinfected, Blockage Cleared	Repair Sewer Main	No
9/19/22	12:00:00 PM	9/19/22	8:00:00 PM	2203 W M L King Jr Blvd, Tyler, TX, 75702	SS.GM.T0008395	Black Fork Creek	4,800	3,000	GRAVITY MAIN	BREAKS, OTHER CAUSES	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Repair Sewer Main	No
9/27/22	2:30:00 PM	9/27/22	6:30:00 PM	2301 W M L King Jr Blvd, Tyler, TX, 75702	SS.GM.T0010654	Black Fork Creek	4,800	2,400	GRAVITY MAIN	EQUIPMENT MALFUCTION	No	Yes	Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Blockage Removed from Bypass Pump	No
9/29/2022	9:24:00 PM	9/30/2022	12:24:00 PM	3437 Cope St, Tyler, TX, 75702	SS.GM.T0007590	Contained	180	180	PRIVATE CLEANOUT	CONTRACTOR DAMAGE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Construction Material Removed from Manhole	No
9/30/2022	9:21:00 AM	9/30/2022	10:21:00 AM	3009 E 5th St, Tyler, TX, 75701	SS.GM.T0004383	Black Fork Creek	60	55	MANHOLE	BREAKS, OTHER CAUSES	No	No	Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Repair Sewer Main	No

CERTIFICATION:
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.


Kate Dietz, P.E. – Director of Utilities

10/4/2022

Date

Start Date	Start Time	Finish Date	Finish Time	Address/Location	Asset ID	Receiving Stream	Estimated Volume Discharged (gal)	Estimated Volume Recovered (gal)	Component from Which SSO Was Released	Suspected Cause of SSO	Potential Danger to Human Health & Safety or the Environment	Repeat SSO? If yes, list date(s) of previous SSO(s) at this address/asset	Comments/Response	Follow-Up Actions	Public Notification Made?
10/3/2022	12:42:00 PM	10/3/2022	1:30:06 PM	4048 Charleston Park, TX, 75701	Tyler, SS.GM.T0012643	Contained in Street	12	12	PRIVATE CLEANOUT	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
10/7/2022	10:00:21 AM	10/7/2022	3:00:27 PM	Kent Dr & Reed Rd, TX, 75707	Tyler, SS.FM.T0000056	Contained in Yard	1,500	1,000	FORCE MAIN	BREAKS, OTHER CAUSES	No	Yes, 5/26/2017 & 9/30/2020	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Sewer Main	No
10/12/2022	4:55:00 PM	10/12/2022	5:10:00 PM	1923 Woodlawn St, TX, 75702	Tyler, SS.GM.T0007369	Contained in Yard	45	30	PRIVATE CLEANOUT	DEBRIS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
10/15/2022	9:40:15 AM	10/15/2022	10:25:23 AM	2505 McDonald Rd, Tyler, TX, 75701	Tyler, SS.GM.T0004626	Black Fork Creek	225	190	MANHOLE	DEBRIS	No	Yes, 1/18/2019 & 3/20/2022	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning list	No
10/15/2022	9:00:00 AM	10/15/2022	1:30:00 PM	10265 Greenbriar Rd, Tyler, TX, 75709	SS.FM.T0000042	Indian Creek	26,098	2,000	FORCE MAIN	BREAKS, OTHER CAUSES	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Force Main	No
10/19/2022	8:35:57 AM	10/19/2022	9:00:03 AM	3217 Rolling Hill Dr, TX, 75702	Tyler, SS.GM.T0007602	Contained in Yard	50	40	MANHOLE	DEBRIS	No	Yes, 12/5/2017 & 7/13/2021	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Place on High Frequency Cleaning List	No
10/20/2022	11:30:28 AM	10/20/2022	12:30:32 PM	4430 Chandler Hwy, TX, 75709	Tyler, SS.GM.T0006964	Contained in Yard	300	260	MANHOLE	ROOTS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on Root Control Program	No
11/2/2022	10:10:06 AM	11/2/2022	10:35:13 AM	1024 W 4th St, TX, 75701	Tyler, SS.GM.T0000501	Contained in Storm Drain	250	210	MANHOLE	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
11/2/2022	1:50:53 PM	11/2/2022	2:30:58 PM	Roseland Blvd & E 5th St, Tyler, TX, 75701	SS.GM.T0006106	Contained in Street	80	70	MANHOLE	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
11/7/2022	11:23:28 AM	11/7/2022	12:05:34 PM	723 N Bois D Arc Ave, TX, 75702	Tyler, SS.GM.T0008499	Contained in Street	21	20	MANHOLE	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Refer to FOG Program	No
12/1/2022	12:50:26 PM	12/1/2022	2:00:30 PM	Rice Rd & Old Bullard Rd, Tyler, TX, 75703	SS.GM.T0001294	West Mud creek	700	640	MANHOLE	BREAKS, OTHER CAUSES	No	No	Main Jetted, Spill Contained, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared, Repaired	Repair Manhole/Invert & Repair Sewer Main	No
12/27/2022	8:39:00 AM	12/27/2022	10:39:00 AM	Clinic Dr & Hospital Dr, TX, 75703	Tyler, SS.GM.T0014216	Black Fork Creek	480	400	MANHOLE	FATS, OIL, GREASE	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on High Frequency Cleaning List	No
12/31/2022	5:00:32 PM	12/31/2022	5:40:39 PM	N Fannin Ave & E Berta St, Tyler, TX, 75702	SS.GM.T0007030	Contained	80	80	MANHOLE	ROOTS	No	No	Main Jetted, Overflow Vacuumed, Overflow Stopped, Area Disinfected, Blockage Cleared	Place on Root Control Program	No

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Katherine Dietz, P.E. - Director of Utilities

Date

Section D. Training Program (Paragraph 19):

Information relative to City of Tyler's training program is attached. **Table D-1** lists all training activities during the 1 January 2022 through 31 December 2022 reporting period. Safety training is not included and other unrelated training is not included.

Table D-1: Listing of Training Activities

Training Date	Course	Personnel Name
2/14/2022	Valve & Maintenance	HUBBARD, ANTONIO
2/17/2022	Valve & Maintenance	WADE, KELVIN
2/17/2022	Trenchbox Training	ADAMS, JOE HAROLD
2/17/2022	Trenchbox Training	ATKINSON, CHARLES
2/17/2022	Trenchbox Training	BUSTOS, JOSE
2/17/2022	Trenchbox Training	CLEAVER, FREDERICK
2/17/2022	Trenchbox Training	CRAVENS, TIMOTHY
2/17/2022	Trenchbox Training	ESPINOZA, DAVID
2/17/2022	Trenchbox Training	MARTINEZ, ARTURO
2/17/2022	Trenchbox Training	PENALOZA, MIGUEL
5/23/2022	Basic Water	ATKINSON, CHARLES
5/23/2022	Basic Water	CLEAVER, FREDERICK
5/23/2022	Basic Water	DREW, TYEKO
5/23/2022	Basic Water	GREENE, BRYAN
5/23/2022	Basic Water	HURTADO, ALEX
5/23/2022	Basic Water	PHILLIPS, JERRY
5/23/2022	Basic Water	RUNNELS, MICHAEL
5/23/2022	Basic Water	SCOTT, TINA
5/23/2022	Basic Water	WADE, KELVIN
5/25/2022	Basic Wastewater	BRADLEY, SHANE
5/25/2022	Basic Wastewater	GARCIA, OLIVER
5/25/2022	Basic Wastewater	LOMBERA, JUAN D
5/25/2022	Basic Wastewater	MCCOWIN, LAMARCUS
5/25/2022	Basic Wastewater	MITCHUM, JEREMY
5/25/2022	Basic Wastewater	RUBIO, RAMIRO
5/25/2022	Basic Wastewater	TUDOR, TERESA
5/25/2022	Basic Wastewater	ZUNIGA, IVAN
9/27-28/2022	Work Zone Traffic Control	DAVLIN, BRYAN
9/27-28/2022	Work Zone Traffic Control	FLORES, BRIGIDO
9/27-28/2022	Work Zone Traffic Control	LOMBERA, JUAN D
9/27-28/2022	Work Zone Traffic Control	MCCOWIN, LAMARCUS

Section E. SSO Reporting (Subparagraph 24.c and Paragraph 25):

Monthly Compliance Reports

See the following pages for copies of monthly compliance reports for the 1 January 2022 through 31 December 2022 reporting period.

Releases or Backups from Private Laterals

Table E-1 displays the releases or backups from private laterals that occurred during the 1 January 2022 through 31 December 2022 reporting period. There were seven (7) releases or backups from private laterals for 2022.

Table E-1: Listing of Releases and/or Backups from Private Laterals

Requet Code Or Work Order	Date	Address	Cause
46453	1/18/2022	428 N Virginia Ave	Debris
47730	3/15/2022	3500 S Broadway Ave, STE 300, Tyler, TX, 75701	Debris
48769	5/10/2022	813 David Dr	Debris
1250800	10/3/2022	4048 Charleston Park, Tyler, TX 75701	Grease
52563	10/4/2022	1816 E Southeast Loop 323	Grease
52794	10/10/2022	4112 Pinecreek Dr	Lateral Failure
53131	11/3/2022	1000 Golden Rd	Roots



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: January 2022

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
1/21/2022 8:08am	1/21/2022 8:30am	66	W 32nd St & Border Ave, Tyler, TX, 75702	Hardened concrete in manhole left behind by contractor after rehabbing.	Repair manhole, have an inspector making sure contractor work is professional.	Sewer leaking out of manhole. SS.MH.T0002838 was leaking approximately _3_ gallons per minute for _22_ minutes = _66_ gallons into yard. Stop was relieved from SS.MH.T0002852 by jetting SS.GM.T0005348 for _345_ feet. Stop was approximately _2_ feet from SS.MH.T0002838. Area was flushed with 1000__ gallons of fresh water and disinfected with HTH. Recovered _50_ gallons of sewer. This stop was caused by _debris_.	5-gallon bucket method

Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems
FAX to 903-525-0389
Date Reported: 1/2/2020

Signature: _____
Attn: Lisa Fisher
Mailed to Austin:
1/2/2020

TCEQ-20756 (06-27-16)

Page 1

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

This form may be used in lieu of 24-hour notification to the Regional Office when the accidental or unauthorized discharge or spill meets the requirements in 30 TAC 305.132 and 30 TAC 327.32. You must fax or mail a completed, signed copy within 20 days of the following month to the Water Section Manager at your TCEQ Regional Office. The original, signed copy should be mailed to the address located at the bottom of the form.

General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: February

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002** Southside Plant

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
2/11/2022 5:40 PM	2/11/2022 6:00 PM	40 gal	422 Boyd Ln	Grease	Wash, CCTV, and put on 6-month cycle	Sewer leaking out of manhole. SS.MH.T003443 was leaking approximately 2 gallons per minute for 20 minutes = 40 gallons into storm gutter. Stop was relieved from SS.MH.T0003445 by Jetting SS.GM.T0001053 for 142 feet. Stop was approximately 135 feet from SS.MH.T0003445. Area was flushed with 200 gallons of fresh water and disinfected with HTH. Recovered 40 gallons of sewage. This stop was caused by grease, and sanitary debris.	5-gal bucket method

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems

Signature: _____

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported:

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

Page 1

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.

This form may be used in lieu of 24-hour notification to the Regional Office when the accidental or unauthorized discharge or spill meets the requirements in 30 TAC 305.132 and 30 TAC 327.32. You must fax or mail a completed, signed copy within 20 days of the following month to the Water Section Manager at your TCEQ Regional Office. The original, signed copy should be mailed to the address located at the bottom of the form.

General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: February

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
2/25/2022 12:29 PM	2/25/2022 1:29 PM	360gal	617 W Dobbs	Broken pipe	CCTV, repair pipe, and replace entire line.	Sewer leaking out of manhole. SS.MH.T0003298 was leaking approximately 6 gallons per minute for 60 minutes = 360 gallons into street. Stop was relieved from SS.MH.T0003266 by jetting SS.GM.T0007078 for 435 feet. Stop was approximately 150 feet from SS.MH.T0003298. Area was flushed with 1000 gallons of fresh water and disinfected with HTH. Recovered 300 gallons of sewer. This stop was caused by a broken pipe.	Five-gallon bucket method

Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems
FAX to 903-525-0389
Date Reported: 1/2/2020

Signature: _____
Attn: Lisa Fisher
Mailed to Austin:
1/2/2020

TCEQ-20756 (06-27-16)

Page 1

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

This form may be used in lieu of 24-hour notification to the Regional Office when the accidental or unauthorized discharge or spill meets the requirements in 30 TAC 305.132 and 30 TAC 327.32. You must fax or mail a completed, signed copy within 20 days of the following month to the Water Section Manager at your TCEQ Regional Office. The original, signed copy should be mailed to the address located at the bottom of the form.

General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **April 2022**

Subscriber: ☐

Permittee: ☒

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

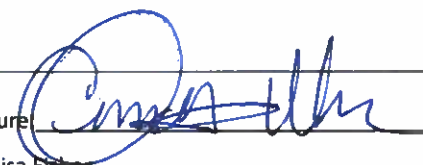
TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002 Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
4/18/2022 8:30pm	4/18/2022 9:45pm	375	4501 Inverness Dr.	Contract or damage	Repair sewer main. Reroute sewer main.	Sewer leaking out of manhole. SS.MH.T0006948 was leaking approximately 5 gallons per minute for 75 minutes = 375 gallons contained in storm drain. Stop was relieved from SS.MH.T0004179 by jetting SS.GM.T0001667 for 150 feet. Stop was approximately 120 feet from SS.MH.T0004179. Area was flushed with 500 gallons of fresh water. Recovered 375 gallons of sewer. This stop was caused by construction damage.	5-gallon bucket method

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems

Signature: 

5/3/22

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported:

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All

TCEQ-20756 (06-27-16)

Page 1

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **April 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
4/20/2022 12:45 pm	4/20/2022 1:15 pm	60gal	201 MacArthur	Lift station malfunction	Installed a back flow preventer to sewer service.	Went to above address to MH 1295 and it was standing. Immediately I knew Dixie lift station wasn't pumping. So, I sent Shane over there to the lift station, and he check MH 7624 and it was standing. I called Marcus and he didn't answer. So, I called Eddie and he got a hold of Marcus. While we were waiting on a lift station person. I removed co lid from customers house and immediately sewer started coming out there and not in his house. Both of his bathrooms had sewer water in them even the master bedroom closet. After lift station was restarted, we all went and cleaned the rooms the best we could and disinfected the areas until cleaning company could come in. This isn't the first time I have been at this address for this problem	5-gal bucket method
4-5-2022 8:00am	4-5-2022 8:30am	150	1101 Doctors Dr	Baby wipes/ linens from hospital	Rerouted flow at a double outfall main. Directed flow away from businesses.	Sewer leaking out of private cleanout. Clean out was leaking approximately 5 gallons per minute for 30 minutes = 150 gallons into yard. Stop was relieved from SS.MH.T0005081 by jetting/ SS.GM.T0009241 for 100_ feet. Stop was approximately 100 feet from SS.MH.T0005081. Area was flushed with 100 gallons of fresh water and disinfected with HTH. Recovered 20 gallons of sewer. This stop was caused by hand tissue.	5- gallon bucket method

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation

Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems

FAX to 903-525-0389

Date Reported: 1/2/2020

Signature: 

Attn: Lisa Fisher

Mailed to Austin:
1/2/2020

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

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General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **June 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002 Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
5-29-2022 3:30 pm Has been Amended and turn into a 24hr Non- compliance	5-29-2022 4:30 pm	900	501 W South Town Dr, Tyler, TX, 75703	Offset pipe was catching debris	Repair pipe where and old repair was done.	Sewer leaking out of manhole. SS.MH.T0001648 was leaking approximately 15 gallons per minute for 60 minutes = 900 gallons into yard. Stop was relieved from SS.MH.T0014735 by jetting SS.GM.T0014643 for 24 feet. Stop was approximately 24 feet from SS.MH.T0014735 Area was flushed with 5,000 gallons of fresh water and disinfected with lime. Recovered 900 gallons of sewer. This stop was caused by rags, hands wipes, toilet paper at major offset in the pipe.	5- gallon bucket method
6-11-2022 5:01 PM	6-11-2022 5:41 PM	240 gal	6771 S. Broadway Tyler, TX 75703	Grease and Debris	Add to High Frequency program to be washed every 6 months	Sewer leaking out of manhole. SS.MH.T0013113 was leaking approximately 6 gallons per minute for _40_ minutes = 240 gallons into yard. Stop was relieved from SS.MH.T0001647 by jetting SS.GM.T0013361 for 500 feet. Stop was approximately 500 feet from SS.MH.T0001647. Area was flushed with 1000 gallons of fresh water, and disinfected with HTH. Recovered 200 gallons of sewer. This stop was caused by grease.	5 Gallon bucket method

Information Reported by (Name/Title): Tim Moore/Operations Manager Service Center

Signature: _____

TCEQ-20756 (06-27-16)

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: May 2022

Subscriber: ☐

Permittee: ☒

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

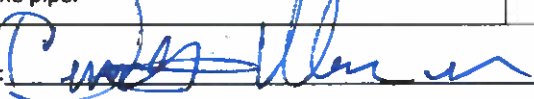
TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002 Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
3:00pm 5-29-2022	4:00pm 5-29/2022	900	501 W South Town	Major offset in pipe	Repair the pipe. It appears that an old repair is starting to fail.	Sewer leaking out of manhole. SS.MH.T0001648 was leaking approximately 15 gallons per minute for 60 minutes = 900 gallons into yard. Stop was relieved from SS.MH.T0014735 by jetting SS.GM.T0014643 for 24 feet. Stop was approximately 24 feet from SS.MH.T0014735 Area was flushed with 5,000 gallons of fresh water and disinfected with lime. Recovered 900 gallons of sewer. This stop was caused by rags, hands wipes, toilet paper at major offset in the pipe.	5-gallon bucket method

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems

Signature: 

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported:

Amended into a 24 hr NonCompliance - Mitch Corn

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

TCEQ-20756 (06-27-16)

Page 1

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Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **May 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: [Click here to enter text.](#)

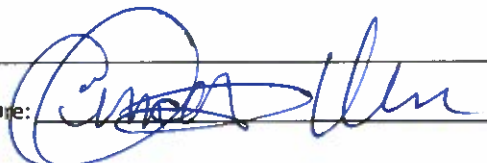
TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
5/8/2022 3:35 pm	5/8/2022 4:35pm	120	Front & Baxter	grease	PM wash, refer to FOG program, Place line on Wash n treat for grease	Sewer leaking out of manhole SS.MH.T0005002 was leaking approximately 2 gallons per minute for 60 minutes = 120 gallons into storm drain. Stop was relieved from SS.MH.T0004998 by washing SS.GM.T0013426 for 428 feet. Stop was approximately 300 feet from SS.MH.T0004998. Area was flushed with 500 gallons of fresh water and disinfected with HTH/lime. Recovered 120 gallons of sewer. This stop was caused by grease.	5-gallon bucket method
5/12/022 7:35 pm	5/12/2022 8:35 pm	200	12343 Old Ranch Rd, Tyler, TX, 75706	Contractor	Place sanitary sewer signs over the force main	Sewer leaking out of force main. SSFM0000006 was leaking approximately 3.33 gallons per minute for 60 minutes = 200 gallons into yard. Stop was relieved by fixing force main. Area was flushed with 1000 gallons of fresh water and disinfected with HTH. Recovered 190 gallons of sewer. This stop was caused by contractor.	5- gallon bucket method

Information Reported by (Name/Title): **Michael Norris/ Manager Wastewater Treatment Systems**

Signature: 

5/13/22

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **June 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002 Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
5-29-2022 3:30 pm Has been Amended and turn into a 24hr Non- compliance	5-29-2022 4:30 pm	900	501 W South Town Dr, Tyler, TX, 75703	Offset pipe was catching debris	Repair pipe where and old repair was done.	Sewer leaking out of manhole. SS.MH.T0001648 was leaking approximately 15 gallons per minute for 60 minutes = 900 gallons into yard. Stop was relieved from SS.MH.T0014735 by jetting SS.GM.T0014643 for 24 feet. Stop was approximately 24 feet from SS.MH.T0014735 Area was flushed with 5,000 gallons of fresh water and disinfected with lime. Recovered 900 gallons of sewer. This stop was caused by rags, hands wipes, toilet paper at major offset in the pipe.	5- gallon bucket method
6-11-2022 5:01 PM	6-11-2022 5:41 PM	240 gal	6771 S. Broadway Tyler, TX 75703	Grease and Debris	Add to High Frequency program to be washed every 6 months	Sewer leaking out of manhole. SS.MH.T0013113 was leaking approximately 6 gallons per minute for _40_ minutes = 240 gallons into yard. Stop was relieved from SS.MH.T0001647 by jetting SS.GM.T0013361 for 500 feet. Stop was approximately 500 feet from SS.MH.T0001647. Area was flushed with 1000 gallons of fresh water, and disinfected with HTH. Recovered 200 gallons of sewer. This stop was caused by grease.	5 Gallon bucket method

Information Reported by (Name/Title): Tim Moore/Operations Manager Service Center

Signature: _____

Tim Moore *6/30/22*

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **June 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
6-3-2022 3:30 pm	6-3-2022 4:00 pm	60	1418 W Gentry Pkwy, Tyler, TX, 75702	F.O.G.	Referred to pretreatment, CCTV line, Place on HFCP	Sewer leaking out of manhole. SS.MH.T0001789 was leaking approximately 2gallons per minute for 30 minutes = 60 gallons into storm drain. Stop was relieved from SS.MH.T0001792 by jetting SS.GM.T0005581 for 70 feet. Stop was approximately 70 feet from SS.MH.T0001792. Area was flushed with 500 gallons of fresh water and disinfected with HTH. Recovered 20 gallons of sewer. This stop was caused by grease & silt.	5-gallon bucket method
6-30-2022 5:05pm	6-30-2022 6:15pm	210	800 S Beckham	Baby wipes	Digging up the sewer main to expose a buried manhole that splits up a 1000 ft run. At this point the line cannot be viewed %100 from both ends. We will also install a check valve on the service line to prevent backflow into premise.	Sewer leaking out of private cleanout. Private co was leaking approximately _3_ gallons per minute for _70_ minutes = _210_ gallons into storm drain. Stop was relieved from SS.MH.T0014171 by jetting SS.GM.T0006061 for _800_ feet. Stop was approximately _800_ feet from SS.MH.T0014171. Area was flushed with _500_ gallons of fresh water and disinfected with HTH. Recovered _200_ gallons of sewer. This stop was caused by _debris_.	5-gallon bucket method

Information Reported by (Name/Title): Tim Moore/ Operations Manager Service Center

FAX to 903-525-0389

Date Reported: 1/2/2020

Signature:  *Lisa Fisher* *6/30/22*

Attn: Lisa Fisher

Mailed to Austin:
1/2/2020

TCEQ-20756 (06-27-16)

Page 1

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20th day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **October 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: Click here to enter text.

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002 Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
10/03/2022 12:41 PM	10/03/2022 1:30 PM	12 Gal	4048 Charleston Park	Grease	Washed and treated for grease and will add to HFCP to be washed twice a year	Sewer leaking out of cleanout. SS.MH.T0009849 was leaking approximately 1/4gallon per minute for 48 minutes = 12 gallons into street. Stop was relieved from SS.MH.T0009015 by jetting SS.GM.T0012643 for 92 feet. Stop was approximately 10 feet from SS.MH.T0009015. Area was flushed with 50 gallons of fresh water and disinfected with HTH. This stop was caused by grease.	5 Gallon Bucket
10/7/2022 10:00am	10/7/2022 3:00pm	1500 gal	Kent Dr & reed Rd.	Leaking force main	Remove the portion of pipe with the leak and replaced with solid sleeves.	Sewer leaking out of force main. SS.FM.T0000056 was leaking approximately 5 gallons per minute for 300 minutes = 1500 gallons into yard. Stop was relieved repairing Force Main. Stop was approximately 60 ft. south of MH6190. Area was flushed with 300 gallons of fresh water and disinfected with HTH. Recovered 1000 gallons of sewer. This stop was caused by small break in force main.	5-gallon bucket method

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems

Signature: Mitch Com

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin: 11/1/22

Date Reported:

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: October 2022

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
10/12/22 4:55 pm	10/12/22 5:10 pm	45 gal	1923 Woodlawn St.	Ragging (baby wipes)	PM washed and will add to HFCP to be washed every 6 months	Sewer leaking out of private cleanout. Cleanout was leaking approximately 3 gallons per minute for 15 minutes = 45 gallons into yard. Stop was relieved from SS.MH.T0000900 by jetting SS.GM.T0007369 for 200 feet. Stop was approximately 50 feet from SS.MH.T0000900. Area was flushed with 200 gallons of fresh water and disinfected with HTH. Recovered 30 gallons of sewer. This stop was caused by baby wipes.	5 Gallon Bucket
10/19/22 8:35 am	10/19/22 9:00 am	50 Gal	3217 Rolling Hill Dr.	Debris, Ragging	PM washed and treated and will add to HFCP to be washed every 6 months.	Sewer leaking out of manhole SS.MH.T0001960 was leaking approximately 2 gallons per minute for 25 minutes = 50 gallons into yard. Stop was relieved from SS.MH.T0001067 by jetting SS.GM.T0007602 for 569 feet. Stop was approximately 569 feet from SS.MH.T0001067. Area was flushed with 500 gallons of fresh water and disinfected with HTH. Recovered 40 gallons of sewer. This stop was caused by rags, toilet tissue and debris.	5 Gallon bucket
10/20/22 1130 am	10/20/22 12:30 pm	300 gal	4430 Chandler Hwy	Roots	Remove Roots and add to root removal program	Sewer leaking out of SS.MH.T0002715 was leaking approximately 5 gallons per minute for 60 minutes = 300 gallons into yard. Stop was relieved from SS.MH.T00013061 by jetting SS.GM.T0006964 for 119 feet. Stop was approximately 119 feet from SS.MH.T0013061. Area was flushed with 1200	5 Gallon Bucket

TCEQ-20756 (06-27-16)

Page 1

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*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.

WEST SIDE

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
						gallons of fresh water and disinfected with HTH. Recovered 260 gallons of sewer. This stop was caused by roots.	

Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems
 Date Reported: 11/1/2022
 FAX to 903-525-0389

Signature: Mitch Corn 11/1/22
 Attn: Lisa Fisher
 Mailed to Austin: 11/1/2022

When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

This form may be used in lieu of 24-hour notification to the Regional Office when the accidental or unauthorized discharge or spill meets the requirements in 30 TAC 305.132 and 30 TAC 327.32. You must fax or mail a completed, signed copy within 20 days of the following month to the Water Section Manager at your TCEQ Regional Office. The original, signed copy should be mailed to the address located at the bottom of the form.

General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: November 2022

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX0047988**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-002 Southside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
10:10 AM 11/2/2022	10:35 AM 11/2/2022	250Gal	1024 W 4 th St	Grease, Wipes	PM Washed, CCTVD and Will add to HFCD to be washed yearly	Sewer leaking out of manhole. SS.MH.T0002506 was leaking approximately 10 gallons per minute for 25 minutes = 250 gallons into storm drain. Stop was relieved from SS.MH.T0002500 by jetting SS.GM.T0000501 for 70 feet. Stop was approximately 70 feet from SS.MH.T0000250. Area was flushed with 12 gallons of fresh water and disinfected with HTH. Recovered 210 gallons of sewer. This stop was caused by grease and baby wipes.	5 Gallon Bucket

Information Reported by (Name/Title): Michael Norris/Manager Wastewater Treatment Systems

Signature: _____

Michael Norris

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported:

TCEQ-20756 (06-27-16)

Page 1

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When reporting an accidental or unauthorized discharge or spill, it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.132, and, if applicable, 30 TAC Section 327.32.

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General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume



Accidental Discharge or Spill Monthly Summary Form

See back of form for guidance for completion

General Information: **November 2022**

Permittee: ☒

Subscriber: ☐

Regulated Entity Name: **City of Tyler 903-531-1285**

EPA ID No: **TX 0047996**

Regulated Entity No: [Click here to enter text.](#)

TCEQ Region: **Region 5 - Tyler**

Permit No: **TCEQ 10653-001 Westside Plant**

County: **Smith**

Start Date Start Time	End Date End Time	Volume (gallons)	Location	Cause	Steps taken to reduce, eliminate, and prevent recurrence	Description/Content	Standard Method for Volume Calculation
1:50 PM 11/2/2022	2:30 PM 11/2/2022	80 Gal	Roseland / E. 5 th St.	Grease	PM washed and CCTVD and will add to HFCP to be cleaned every 6 months due to inverted siphon	Sewer leaking out of manhole. SS.MH.T0003194 was leaking approximately 2 gallons per minute for 40 minutes = 80 gallons into street. Stop was relieved from SS.MH.T0003193 by jetting SS.GM.T0006106 for 88 feet. Stop was approximately 10 feet from SS.MH.T0003193. Area was flushed with 500 gallons of fresh water and disinfected with HTH. This stop was caused by grease.	5 Gallon bucket
11:23 AM 11/7/2022	12:05 PM 11/7/2022	21 Gal	723 Bois D Arc	Grease	Pm washed and CCTVD will PM wash yearly	Sewer leaking out of private cleanout. SS.GM.T0008499 was leaking approximately 1/2 gallon per minute for 42minutes =21 gallons into street. Stop was relieved from SS.MH.T0004520 by jetting SS.GM.T0008499 for 387feet. Stop was approximately 15 feet from SS.MH.T0004520. Area was flushed with 100 gallons of fresh water and disinfected with HTH. This stop was caused by grease.	5 Gallon bucket

Information Reported by (Name/Title): Michael Norris/ Manager Wastewater Treatment Systems

Signature: _____

FAX to 903-525-0389

Attn: Lisa Fisher

Mailed to Austin:

Date Reported: 1/2/2020

1/2/2020

TCEQ-20756 (06-27-16)

Page 1

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General Information

Entity name - permitted name or owner name for subscriber systems.

Permit Number – Your TCEQ WQ permit number (i.e., WQ0012345001). If you are a subscriber, use the RN to which the collection system is associated. If the RN is unknown, please call the TCEQ Regional Office for assistance.

Noncompliance Summary

Volume – volume must be estimated by the one of the four methods outlined in 30 TAC

Location – include address or latitude and longitude coordinates

Cause - grease, blockage, infiltration or inflow, equipment failure, power outage, other?

Steps taken reduce, eliminate or prevent recurrence – List all steps taken to ensure no further reoccurrences

Description/content – a description of the events that lead to the spill including the contents of the spill and actions taken to clean

Standard Method – name the method you used to estimate the volume

Section F. System-Wide Routine Cleaning Program (Paragraph 30)

Total Miles of Unique Gravity Sewer Lines Cleaned

The total number of unique miles of gravity sewer lines cleaned during the 1 January 2022 through 31 December 2022 reporting period was 204.5 miles. **Figure F-1** follows and depicts the locations of unique sewer segments cleaned.

Total Miles of Gravity Sewer Lines Cleaned

The total miles of all gravity sewer lines cleaned during the 1 January 2022 through 31 December 2022 reporting period, including all lengths of gravity sewer lines cleaned in accordance with the Revised High Frequency Cleaning Program, was 285.4 miles.

Sewer Segments Added or Removed from the High Frequency Cleaning Program

Table F-1 lists the sewer segments that were added to the High Frequency Cleaning Program's three (3), six (6), and 12 month cycles, respectively. A total of 120 sewer segments were added to the High Frequency Cleaning Program during the 1 January 2022 through 31 December 2022 reporting period.

Table F-2 lists the 372 sewer segments that were removed from the High Frequency Cleaning Program during the 1 January 2022 through 31 December 2022 reporting period.

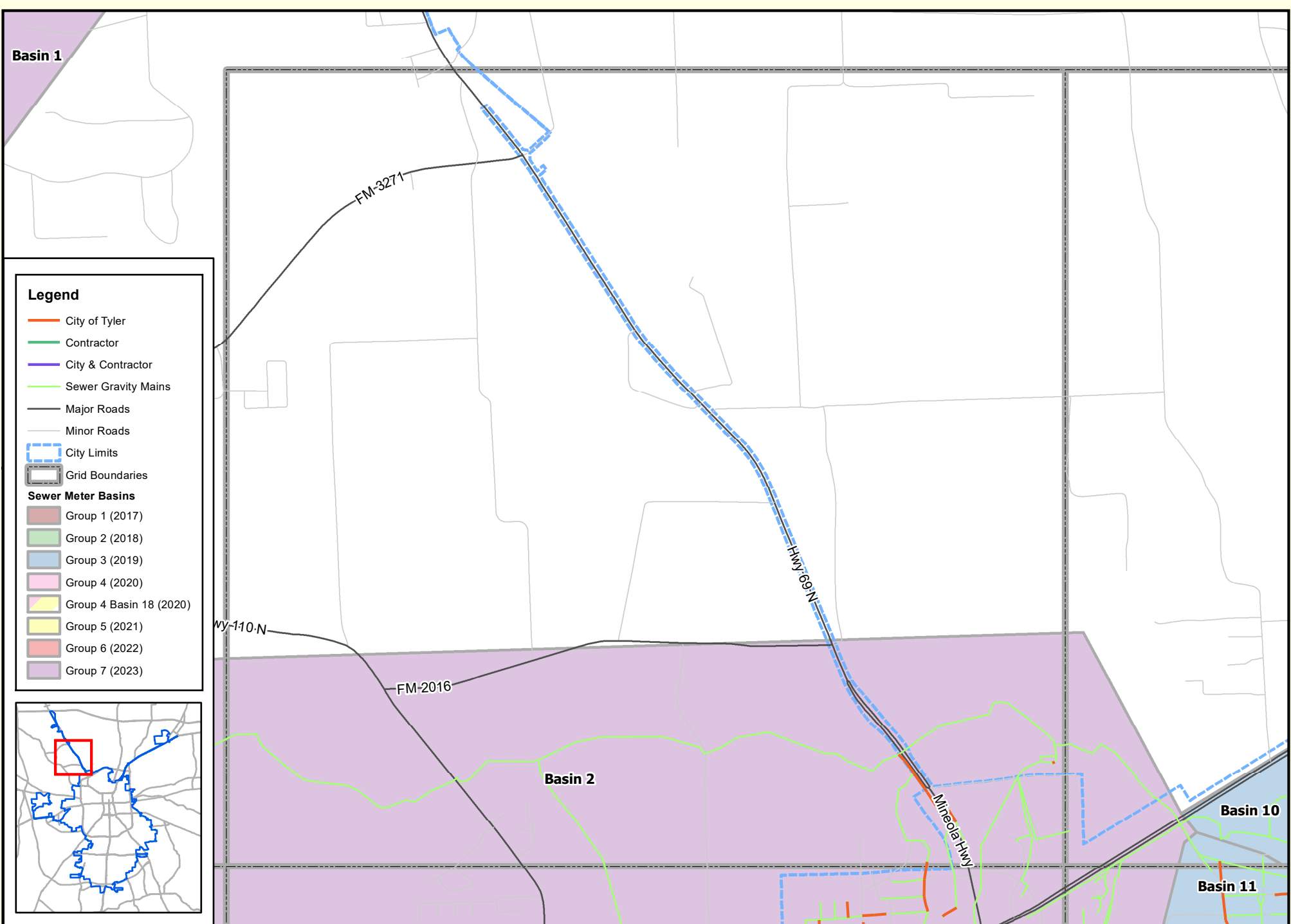


Figure F-1. Unique Sewer Segments Cleaned - Year 6

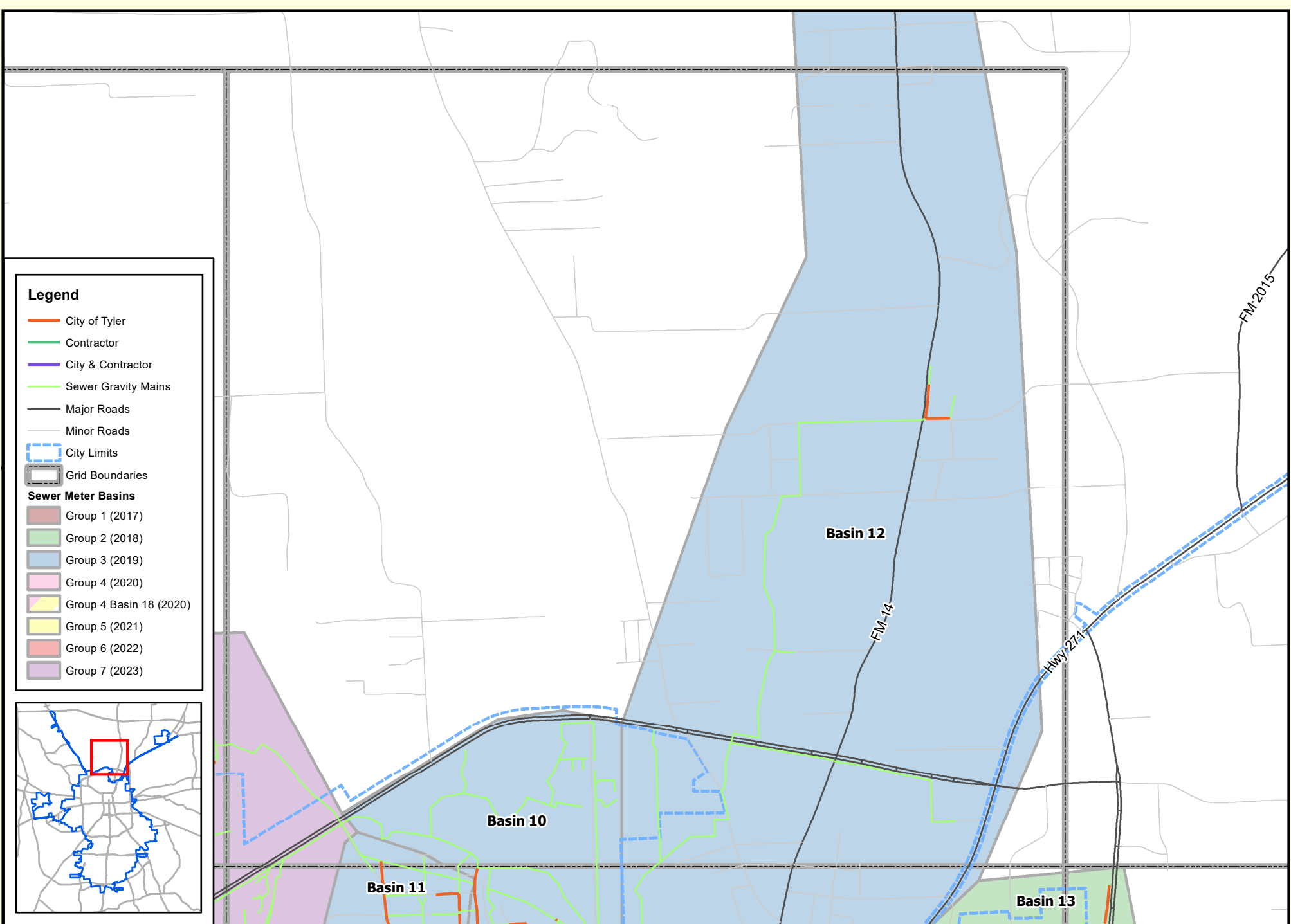


Figure F-1. Unique Sewer Segments Cleaned - Year 6

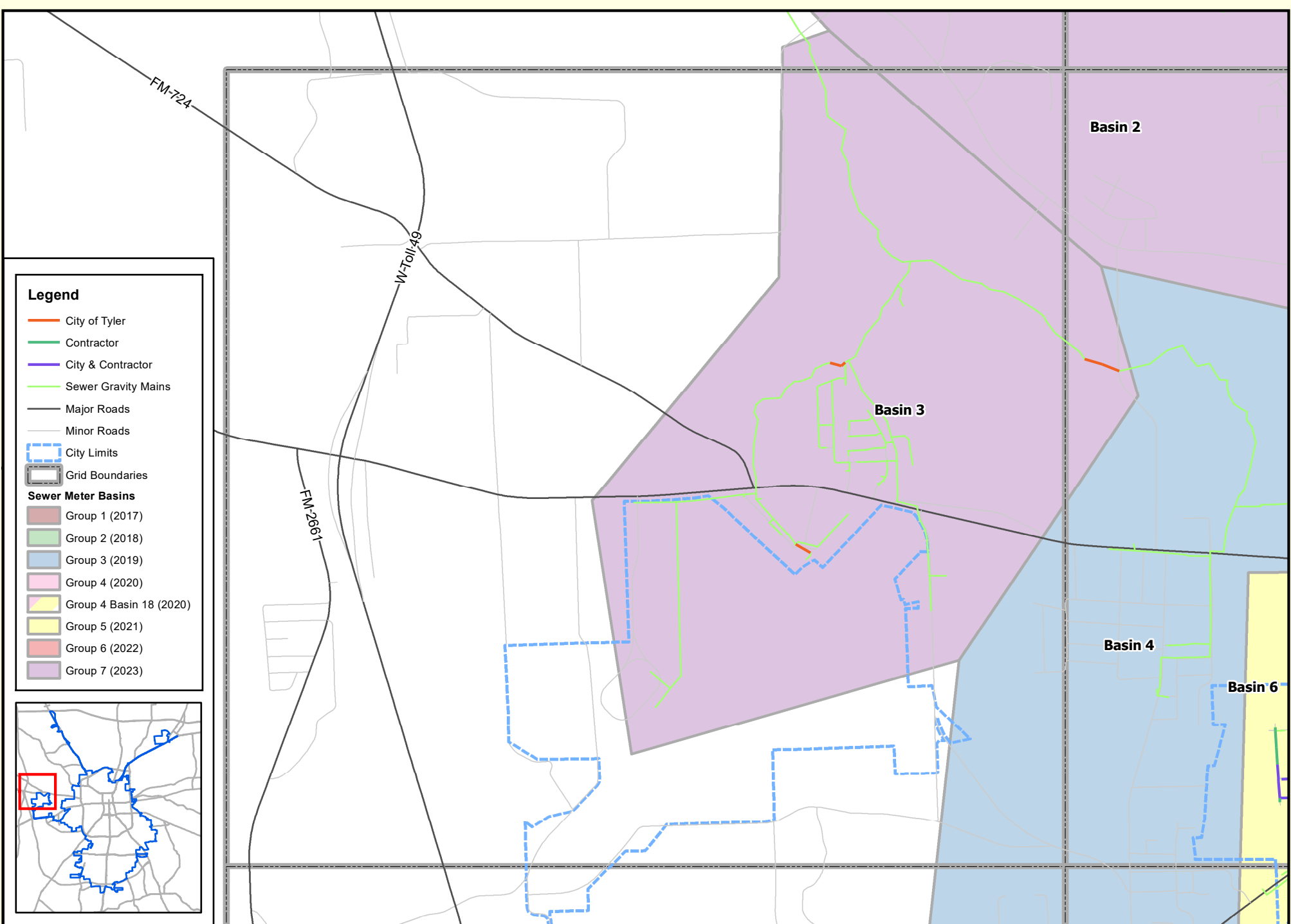


Figure F-1. Unique Sewer Segments Cleaned - Year 6

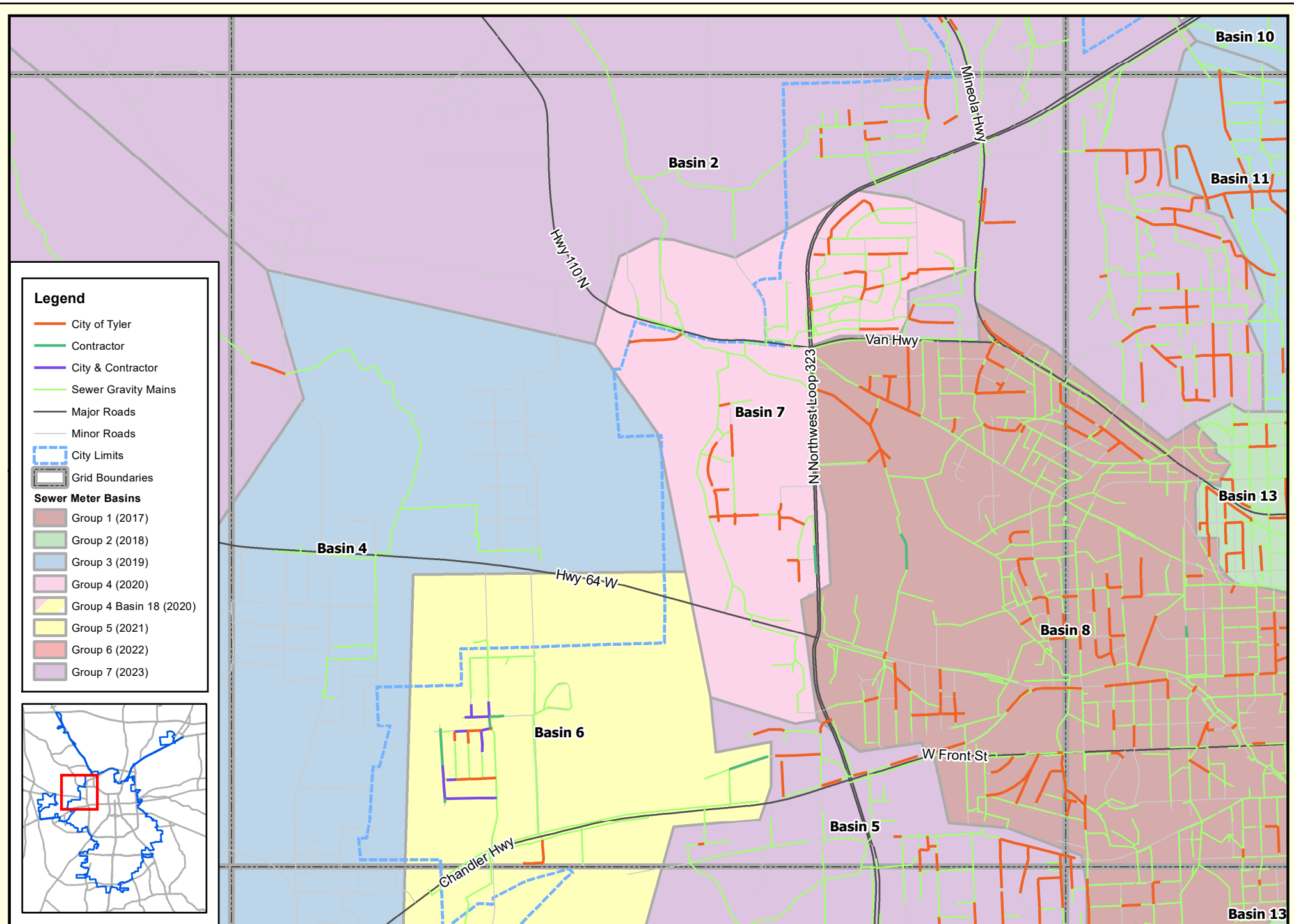


Figure F-1. Unique Sewer Segments Cleaned - Year 6

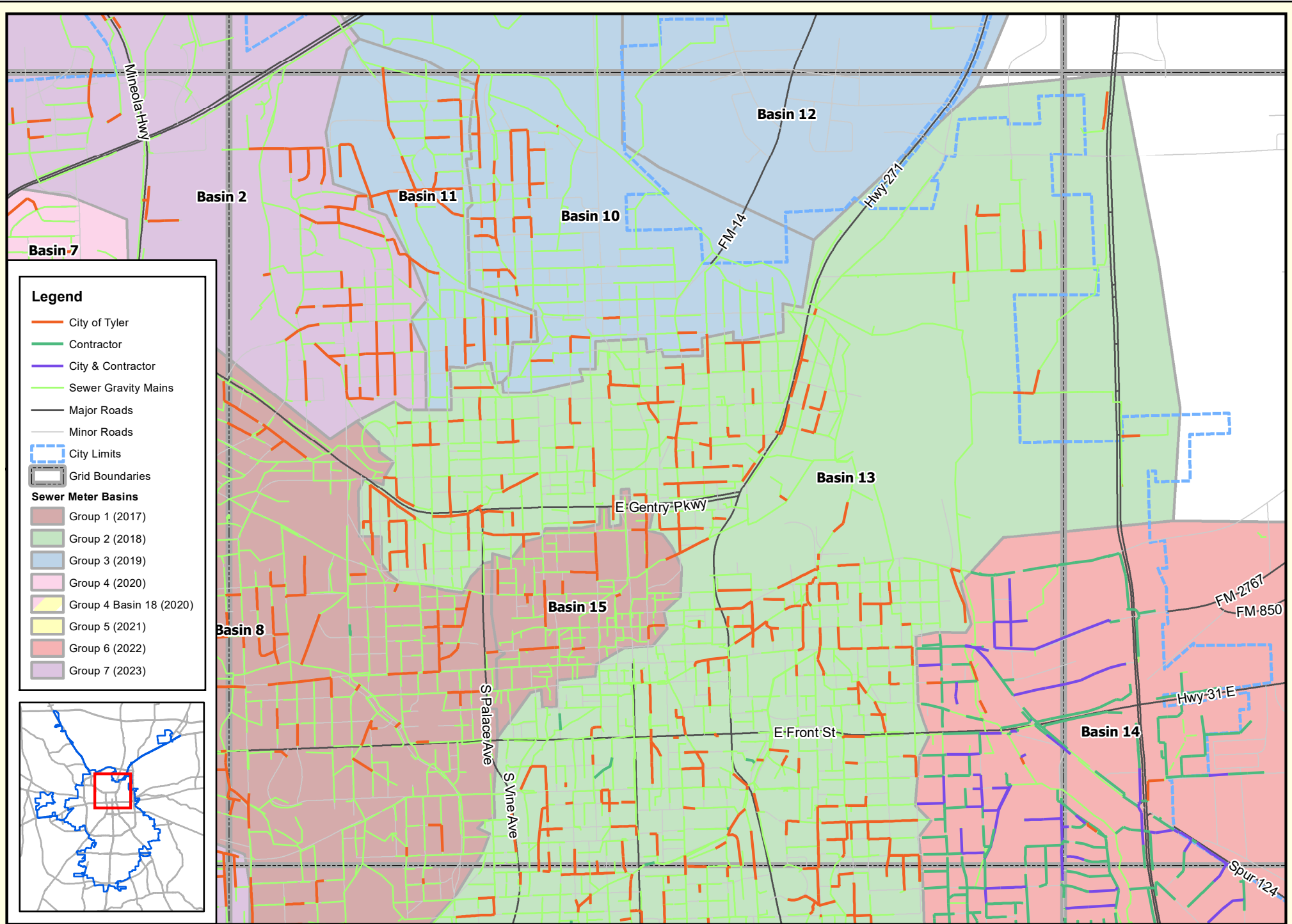


Figure F-1. Unique Sewer Segments Cleaned - Year 6

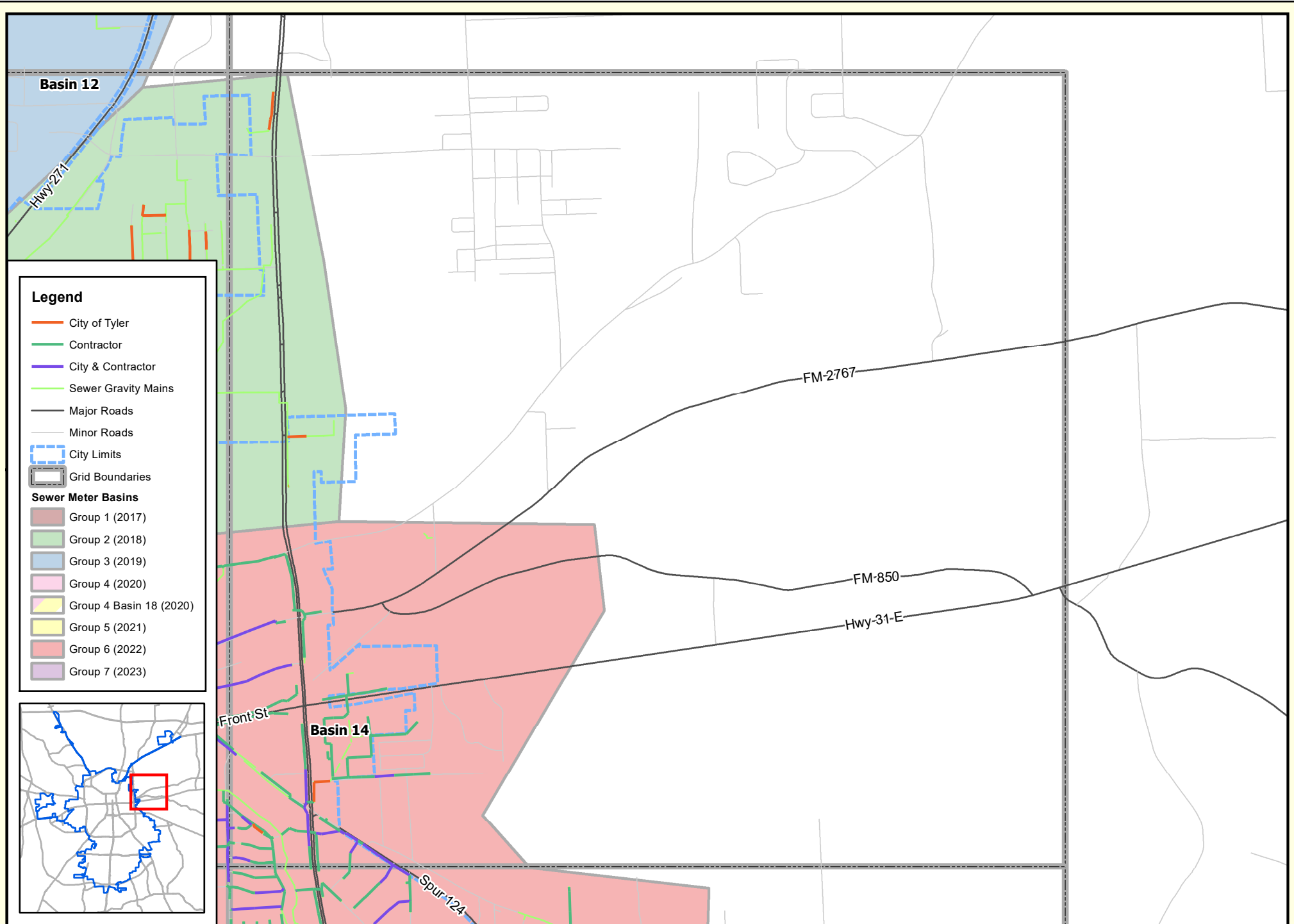


Figure F-1. Unique Sewer Segments Cleaned - Year 6

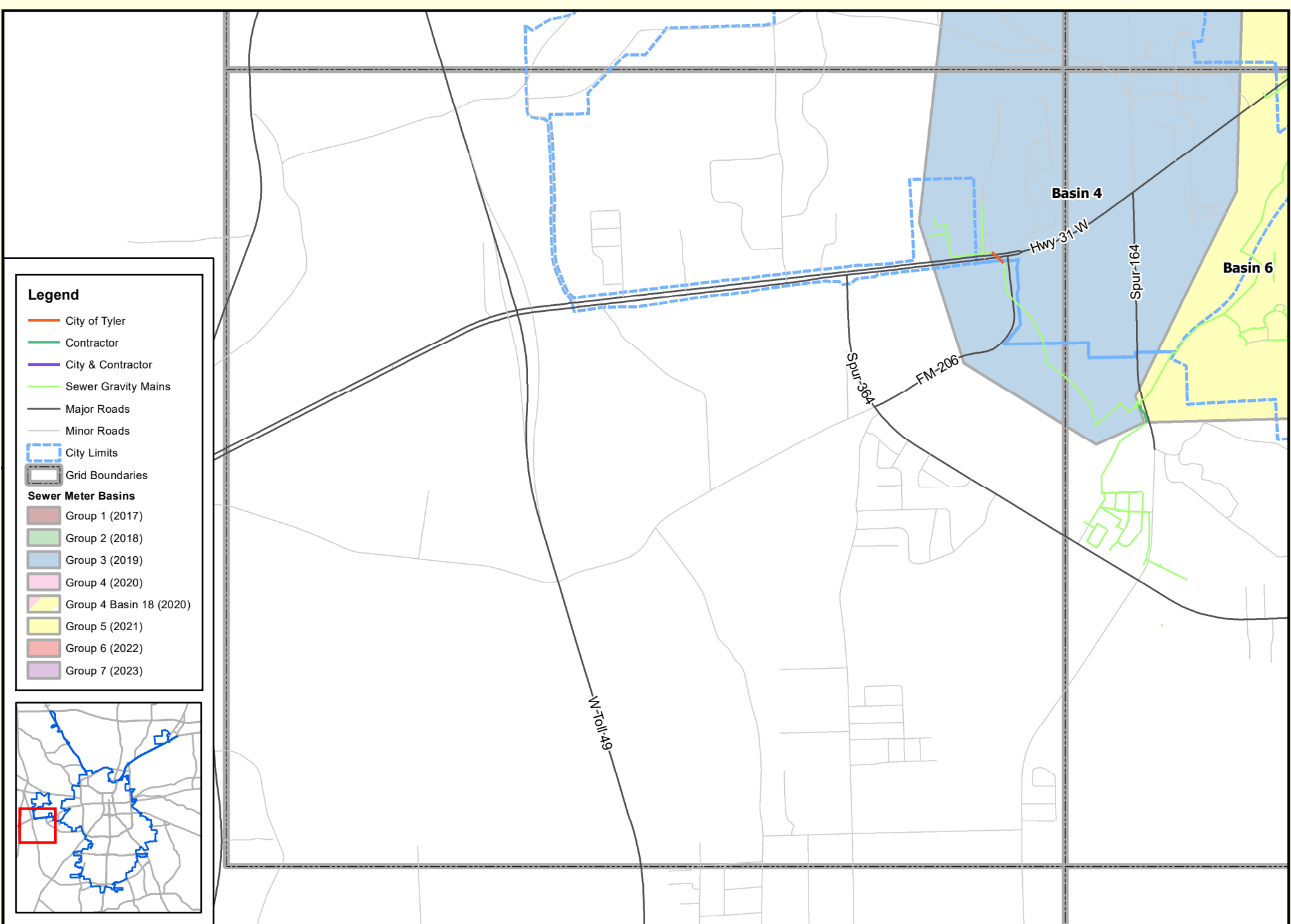


Figure F-1. Unique Sewer Segments Cleaned - Year 6

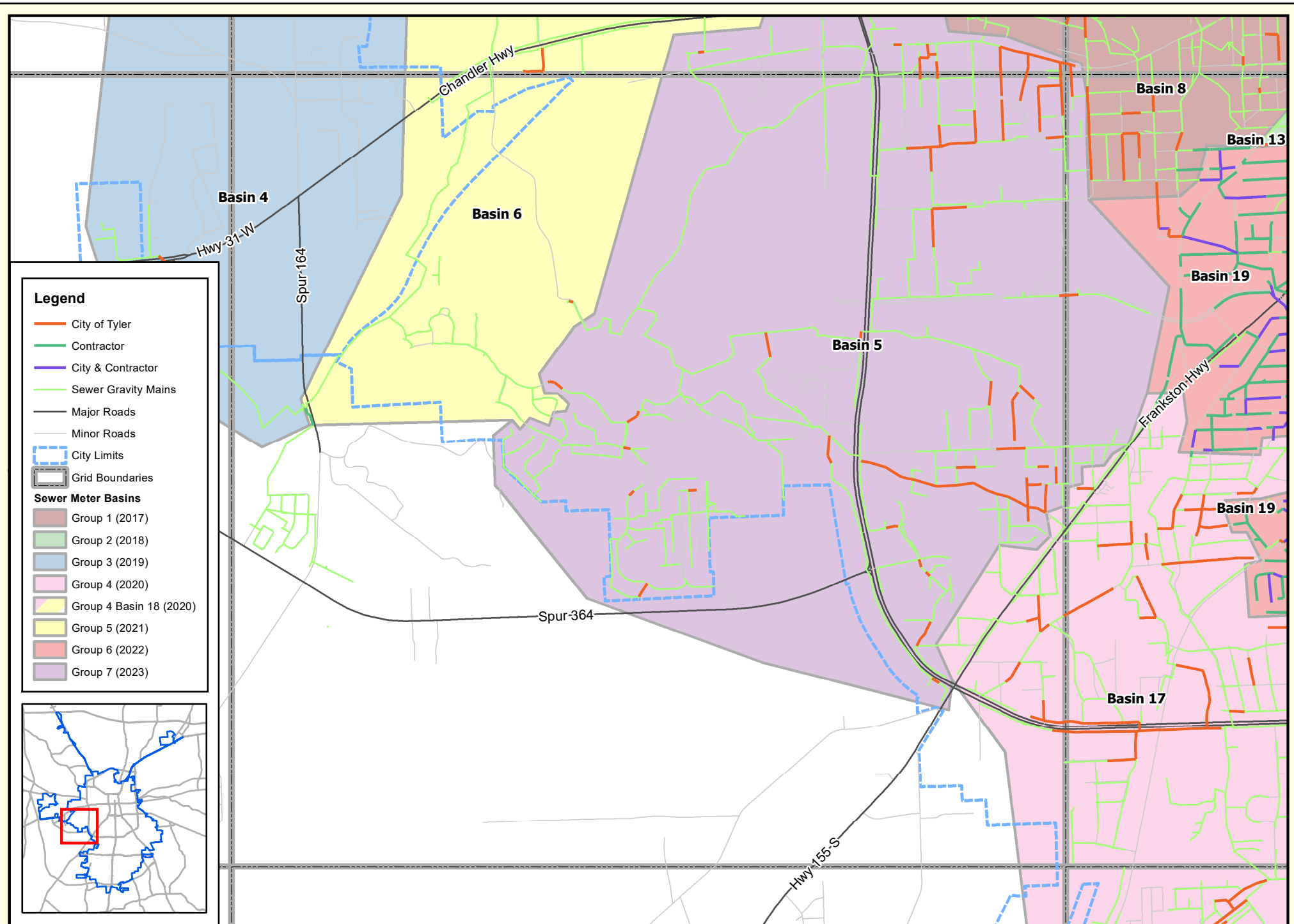


Figure F-1. Unique Sewer Segments Cleaned - Year 6

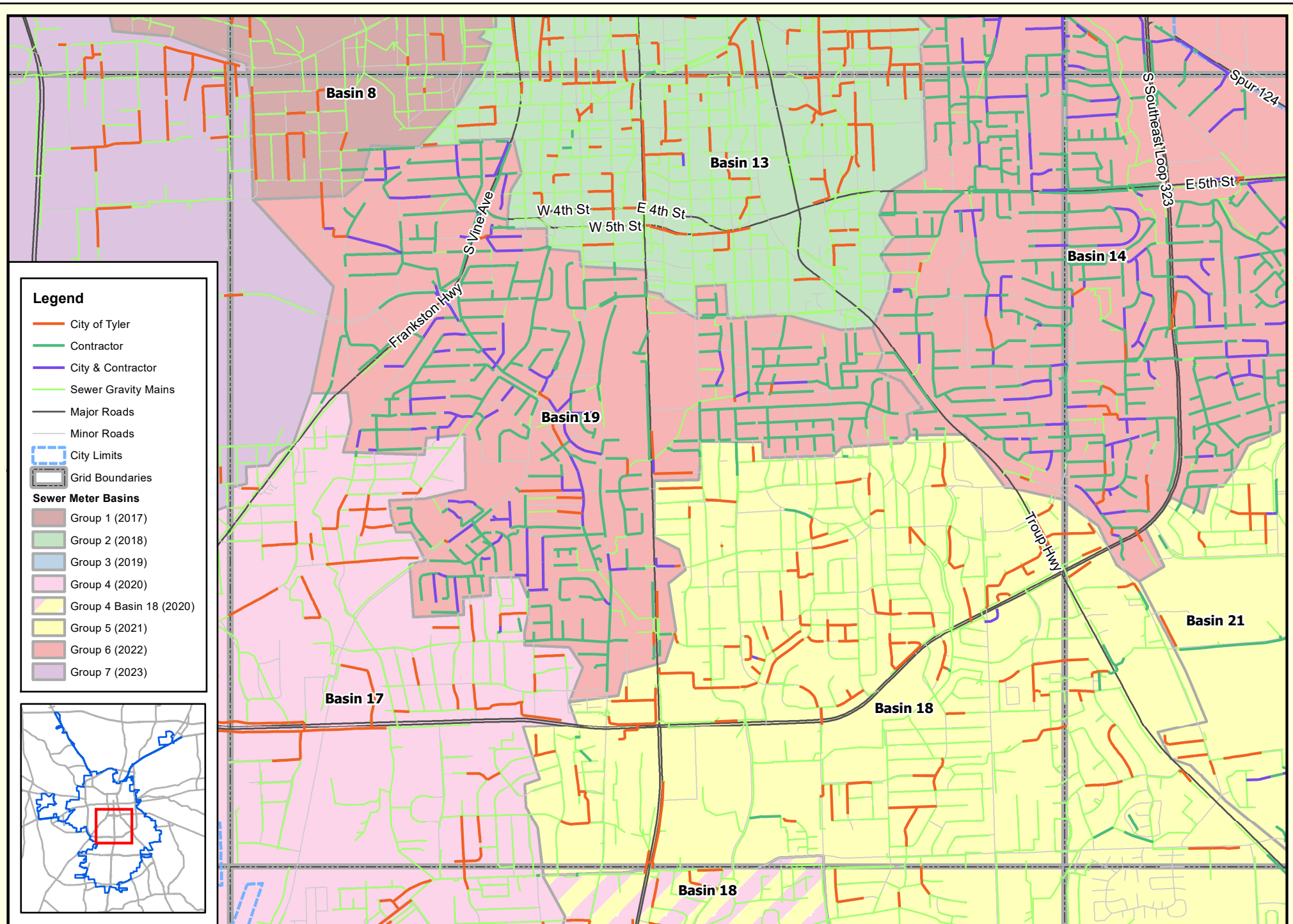


Figure F-1. Unique Sewer Segments Cleaned - Year 6

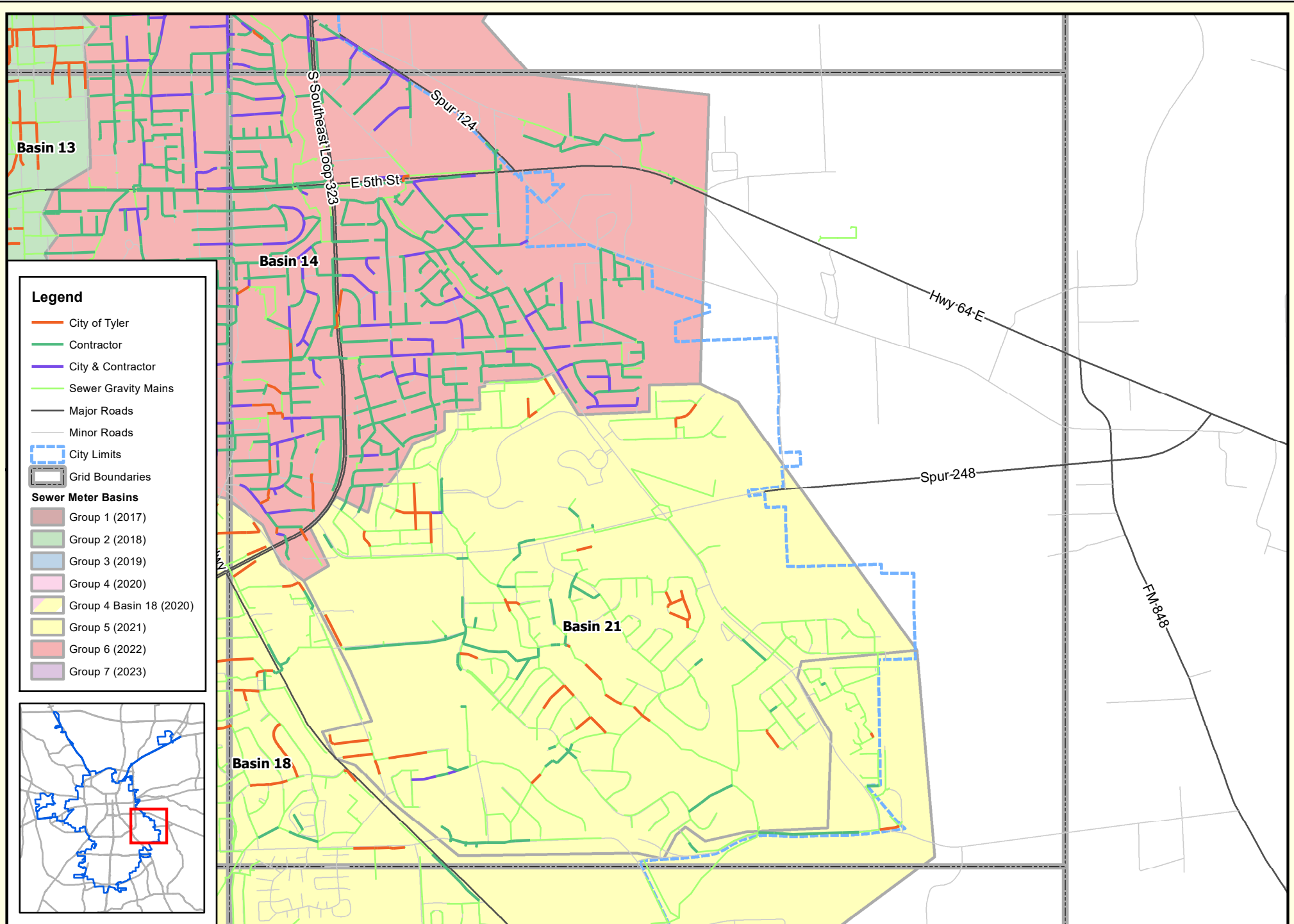


Figure F-1. Unique Sewer Segments Cleaned - Year 6

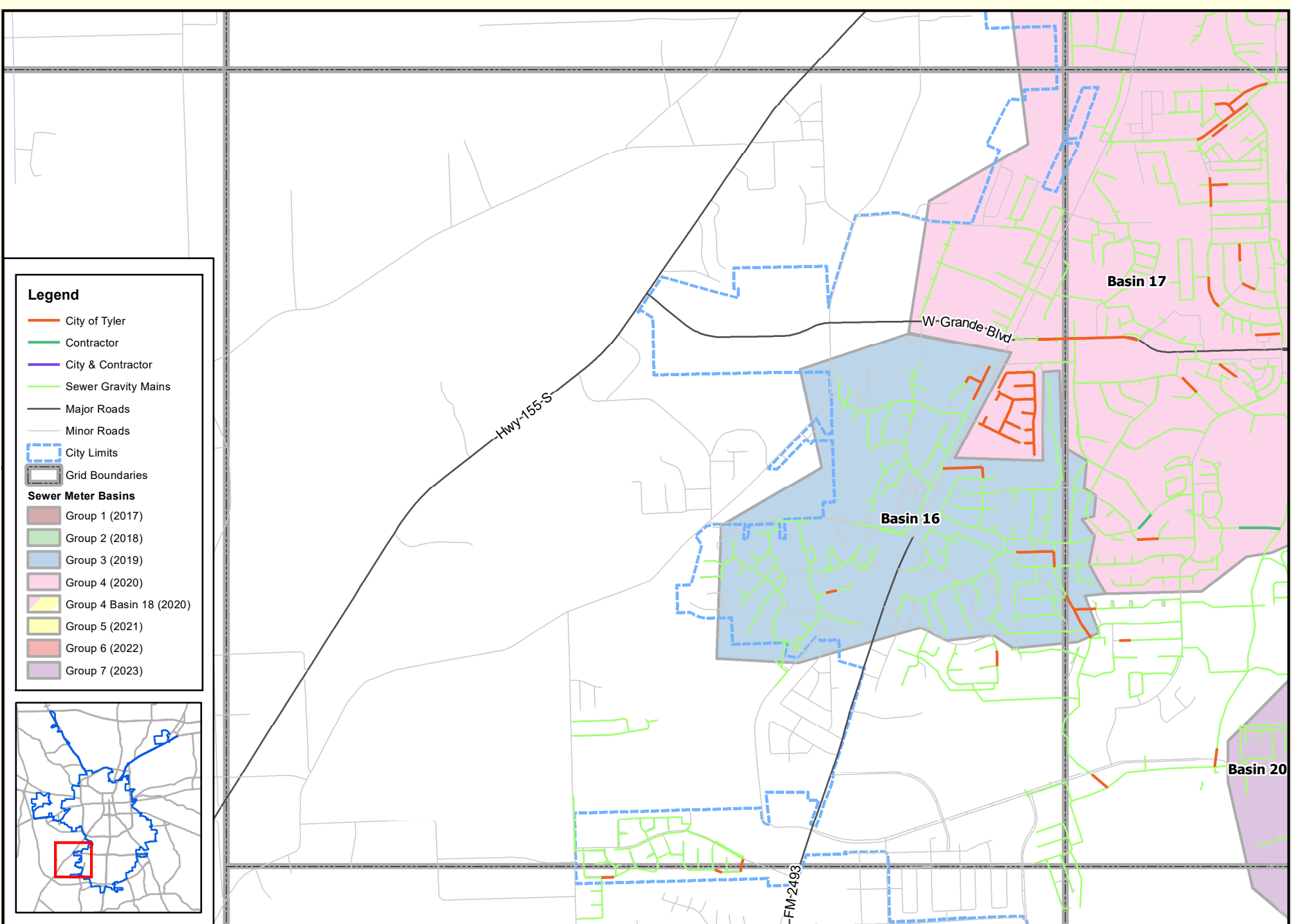


Figure F-1. Unique Sewer Segments Cleaned - Year 6

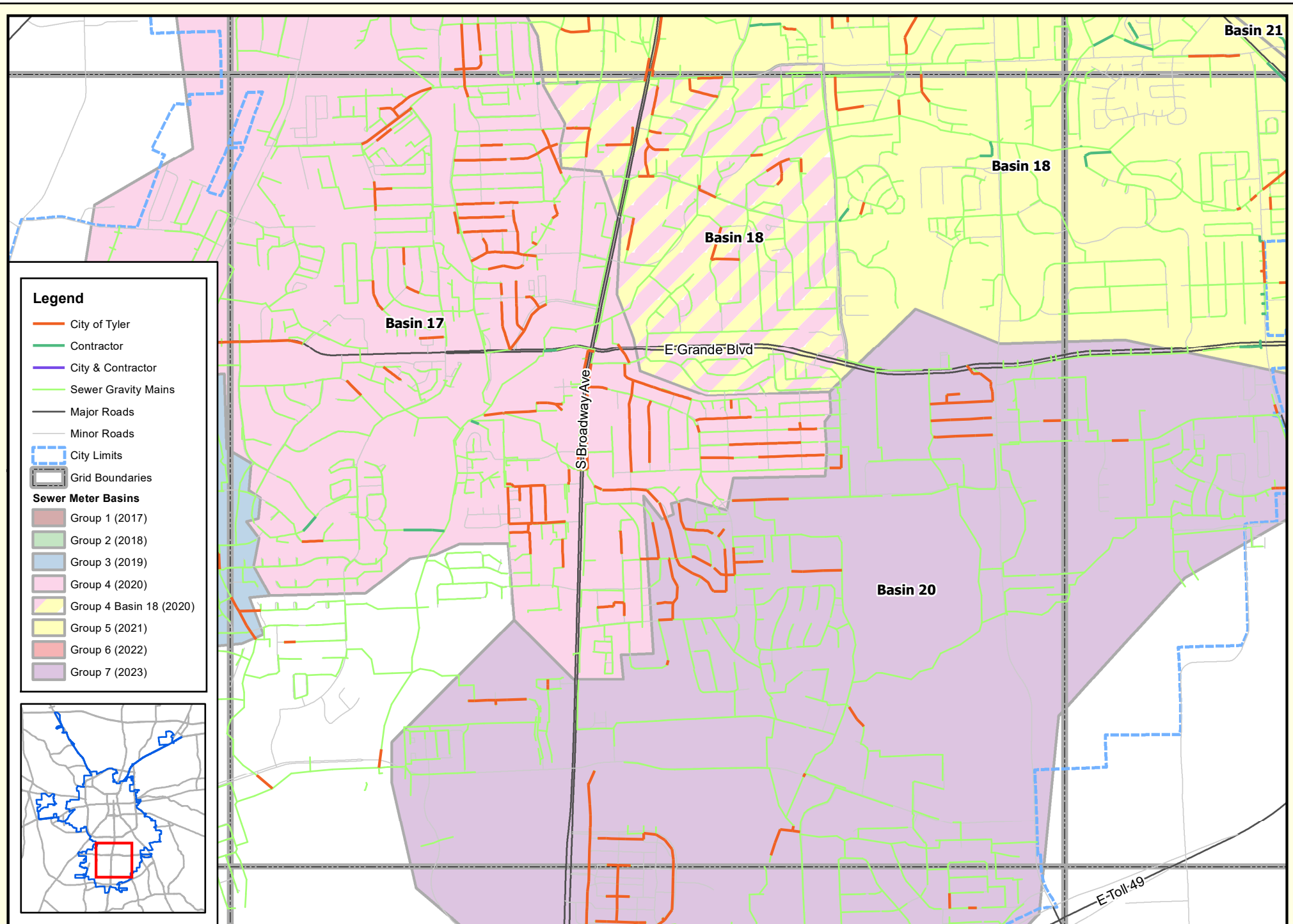


Figure F-1. Unique Sewer Segments Cleaned - Year 6

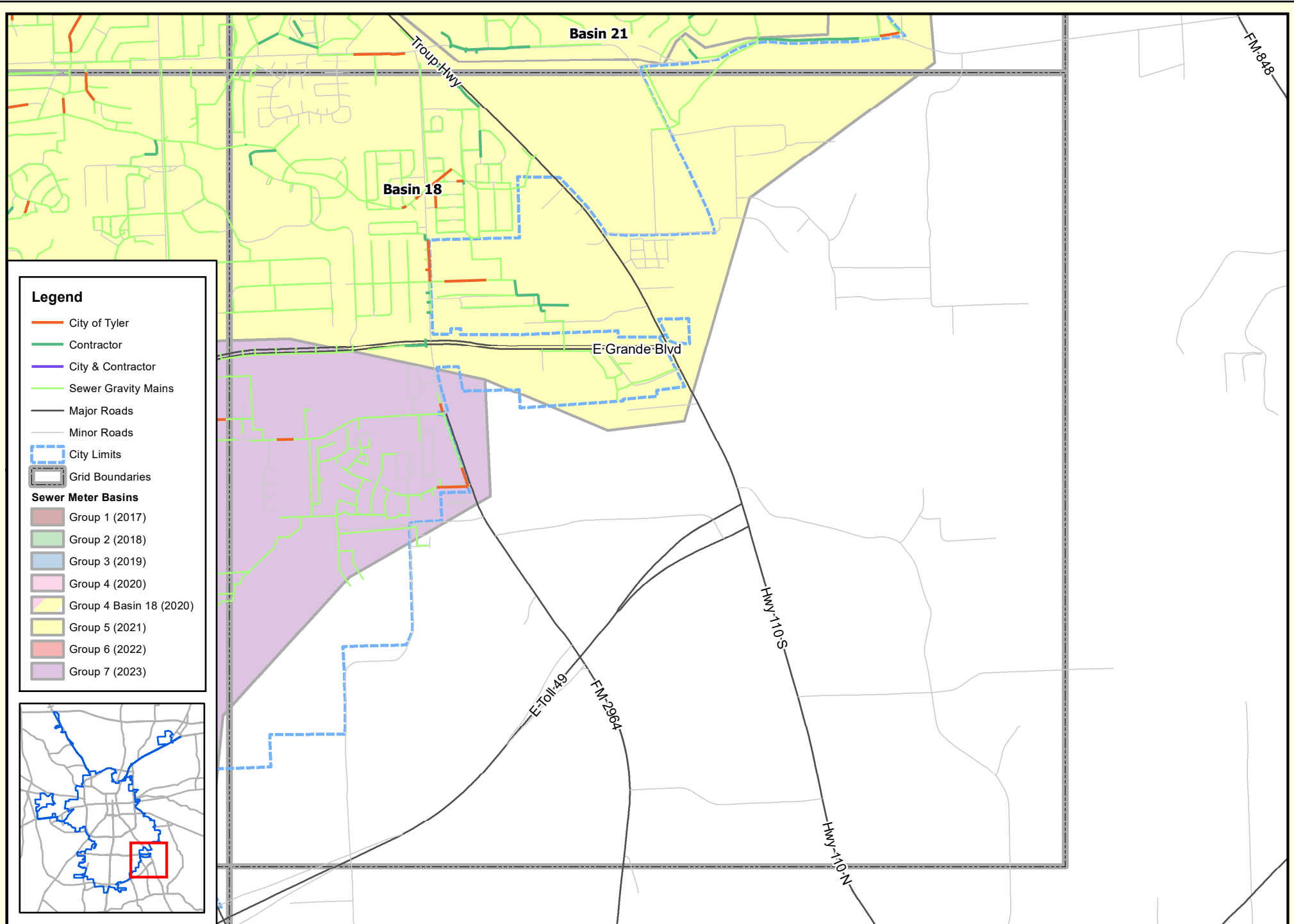


Figure F-1. Unique Sewer Segments Cleaned - Year 6

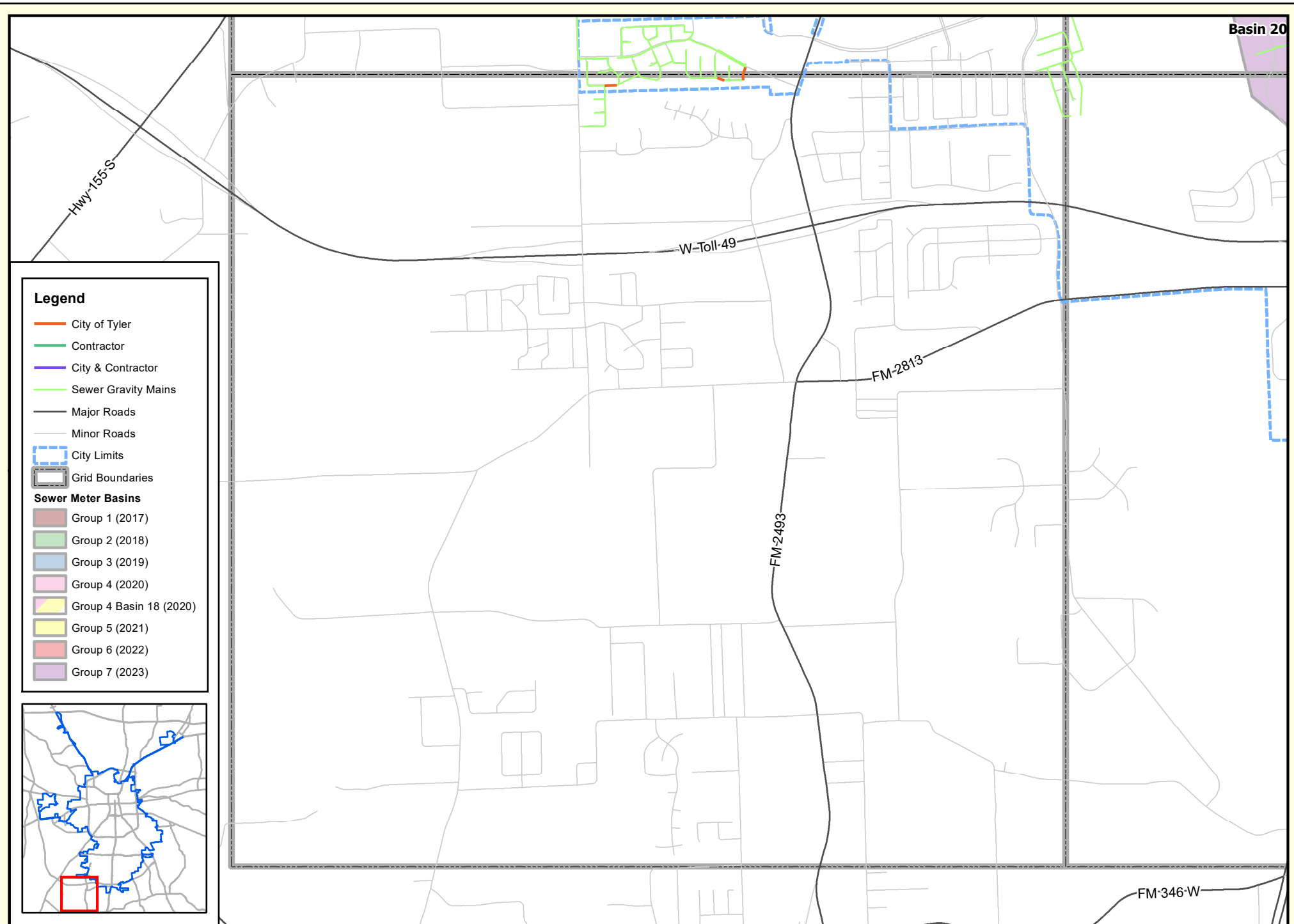


Figure F-1. Unique Sewer Segments Cleaned - Year 6

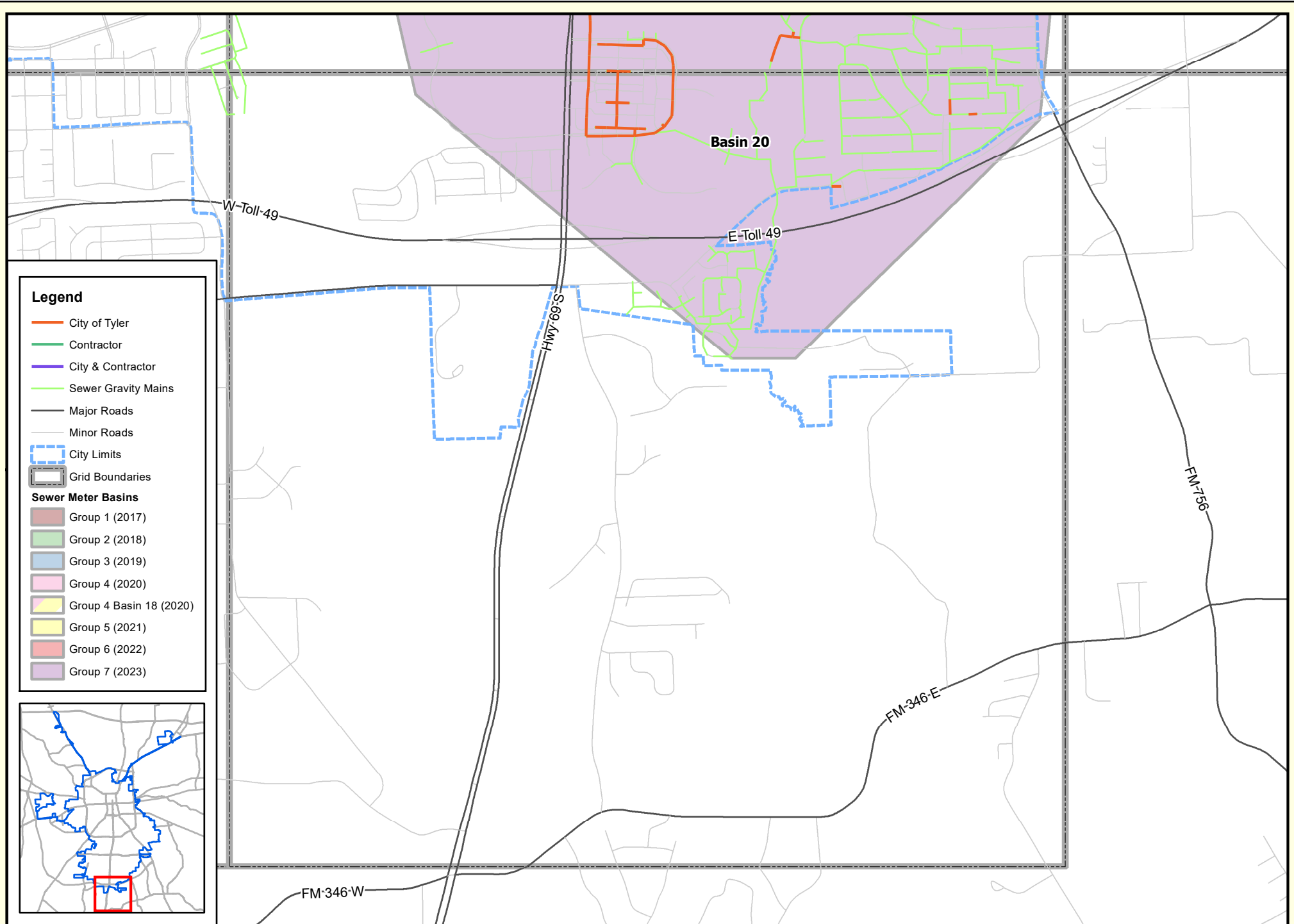


Figure F-1. Unique Sewer Segments Cleaned - Year 6

Table F-1: Gravity Sewer Segments Added to the High Frequency Cleaning Program

Asset ID	Cycle	Asset ID	Cycle	Asset ID	Cycle
SS.GM.T0004771	3	SS.GM.T0014668	6	SS.GM.T0013426	12
SS.GM.T0004772	3	SS.GM.T0014779	6	SS.GM.T0014166	12
SS.GM.T0009241	3	SS.GM.T0015061	6	SS.GM.T0014438	12
SS.GM.T0000463	6	SS.GM.T0015531	6	SS.GM.T0014652	12
SS.GM.T0000954	6	SS.GM.T0015561	6	SS.GM.T0014851	12
SS.GM.T0001461	6	SS.GM.T0000267	12	SS.GM.T0014852	12
SS.GM.T0001568	6	SS.GM.T0000650	12	SS.GM.T0014853	12
SS.GM.T0002116	6	SS.GM.T0000791	12	SS.GM.T0015062	12
SS.GM.T0002487	6	SS.GM.T0001384	12	SS.GM.T0015599	12
SS.GM.T0002830	6	SS.GM.T0001385	12	SS.GM.T0015604	12
SS.GM.T0003233	6	SS.GM.T0001386	12	SS.GM.T0015679	12
SS.GM.T0003697	6	SS.GM.T0001840	12	SS.GM.T0015686	12
SS.GM.T0003941	6	SS.GM.T0001896	12	SS.GM.T0015687	12
SS.GM.T0003944	6	SS.GM.T0003374	12	SS.GM.T0015749	12
SS.GM.T0004997	6	SS.GM.T0003537	12	SS.GM.T0015767	12
SS.GM.T0006047	6	SS.GM.T0003542	12	SS.GM.T0015783	12
SS.GM.T0006106	6	SS.GM.T0004344	12	SS.GM.T0015790	12
SS.GM.T0007419	6	SS.GM.T0005252	12	SS.GM.T0015793	12
SS.GM.T0007478	6	SS.GM.T0005269	12	SS.GM.T0015808	12
SS.GM.T0008291	6	SS.GM.T0005297	12	SS.GM.T0015855	12
SS.GM.T0009262	6	SS.GM.T0005574	12	SS.GM.T0015865	12
SS.GM.T0010258	6	SS.GM.T0005744	12	SS.GM.T0015873	12
SS.GM.T0011290	6	SS.GM.T0005759	12		
SS.GM.T0011291	6	SS.GM.T0005950	12		
SS.GM.T0011292	6	SS.GM.T0005997	12		
SS.GM.T0011293	6	SS.GM.T0006443	12		
SS.GM.T0011480	6	SS.GM.T0006964	12		
SS.GM.T0011982	6	SS.GM.T0007885	12		
SS.GM.T0012015	6	SS.GM.T0007922	12		
SS.GM.T0012196	6	SS.GM.T0008001	12		
SS.GM.T0012197	6	SS.GM.T0008194	12		
SS.GM.T0012198	6	SS.GM.T0008516	12		
SS.GM.T0012199	6	SS.GM.T0008655	12		
SS.GM.T0012200	6	SS.GM.T0008760	12		
SS.GM.T0012201	6	SS.GM.T0008972	12		
SS.GM.T0012202	6	SS.GM.T0009007	12		
SS.GM.T0012203	6	SS.GM.T0009022	12		
SS.GM.T0012204	6	SS.GM.T0009163	12		
SS.GM.T0012260	6	SS.GM.T0009284	12		
SS.GM.T0012261	6	SS.GM.T0009334	12		
SS.GM.T0012282	6	SS.GM.T0009602	12		
SS.GM.T0012641	6	SS.GM.T0009720	12		
SS.GM.T0012642	6	SS.GM.T0010031	12		
SS.GM.T0012643	6	SS.GM.T0010038	12		
SS.GM.T0012733	6	SS.GM.T0010039	12		
SS.GM.T0013202	6	SS.GM.T0010134	12		
SS.GM.T0013204	6	SS.GM.T0011736	12		
SS.GM.T0013649	6	SS.GM.T0012895	12		
SS.GM.T0013941	6	SS.GM.T0013267	12		

Table F-2: Gravity Sewer Segments Removed from the High Frequency Cleaning Program

Asset ID	Cycle
SS.GM.T0012417	3
SS.GM.T0014216	3
SS.GM.T0000516	6
SS.GM.T0001139	6
SS.GM.T0001140	6
SS.GM.T0001144	6
SS.GM.T0001224	6
SS.GM.T0001250	6
SS.GM.T0001315	6
SS.GM.T0001712	6
SS.GM.T0001775	6
SS.GM.T0001828	6
SS.GM.T0001829	6
SS.GM.T0002028	6
SS.GM.T0002422	6
SS.GM.T0002423	6
SS.GM.T0002424	6
SS.GM.T0002425	6
SS.GM.T0002426	6
SS.GM.T0002539	6
SS.GM.T0003139	6
SS.GM.T0003184	6
SS.GM.T0003317	6
SS.GM.T0003318	6
SS.GM.T0003328	6
SS.GM.T0003430	6
SS.GM.T0003746	6
SS.GM.T0004469	6
SS.GM.T0004470	6
SS.GM.T0004474	6
SS.GM.T0004790	6
SS.GM.T0005276	6
SS.GM.T0005967	6
SS.GM.T0005968	6
SS.GM.T0005969	6
SS.GM.T0006413	6
SS.GM.T0006636	6
SS.GM.T0006638	6
SS.GM.T0006646	6
SS.GM.T0007233	6
SS.GM.T0007473	6
SS.GM.T0007696	6
SS.GM.T0007860	6
SS.GM.T0008026	6
SS.GM.T0008227	6
SS.GM.T0008422	6

Asset ID	Cycle
SS.GM.T0008836	6
SS.GM.T0008910	6
SS.GM.T0008928	6
SS.GM.T0009844	6
SS.GM.T0010737	6
SS.GM.T0010738	6
SS.GM.T0010739	6
SS.GM.T0011236	6
SS.GM.T0011237	6
SS.GM.T0011240	6
SS.GM.T0012003	6
SS.GM.T0012048	6
SS.GM.T0012223	6
SS.GM.T0013125	6
SS.GM.T0013138	6
SS.GM.T0013139	6
SS.GM.T0013140	6
SS.GM.T0013337	6
SS.GM.T0013338	6
SS.GM.T0013340	6
SS.GM.T0013344	6
SS.GM.T0014005	6
SS.GM.T0014147	6
SS.GM.T0014919	6
SS.GM.T0014977	6
SS.GM.T0015060	6
SS.GM.T0015140	6
SS.GM.T0015248	6
SS.GM.T0000318	12
SS.GM.T0000320	12
SS.GM.T0000364	12
SS.GM.T0000411	12
SS.GM.T0000412	12
SS.GM.T0000413	12
SS.GM.T0000420	12
SS.GM.T0000543	12
SS.GM.T0000544	12
SS.GM.T0000545	12
SS.GM.T0000546	12
SS.GM.T0000547	12
SS.GM.T0000666	12
SS.GM.T0000667	12
SS.GM.T0000703	12
SS.GM.T0000833	12
SS.GM.T0001050	12
SS.GM.T0001051	12

Asset ID	Cycle
SS.GM.T0001084	12
SS.GM.T0001085	12
SS.GM.T0001236	12
SS.GM.T0001237	12
SS.GM.T0001282	12
SS.GM.T0001339	12
SS.GM.T0001357	12
SS.GM.T0001389	12
SS.GM.T0001390	12
SS.GM.T0001391	12
SS.GM.T0001466	12
SS.GM.T0001489	12
SS.GM.T0001497	12
SS.GM.T0001637	12
SS.GM.T0001638	12
SS.GM.T0001774	12
SS.GM.T0001778	12
SS.GM.T0002037	12
SS.GM.T0002098	12
SS.GM.T0002280	12
SS.GM.T0002420	12
SS.GM.T0002675	12
SS.GM.T0002784	12
SS.GM.T0002930	12
SS.GM.T0003037	12
SS.GM.T0003050	12
SS.GM.T0003051	12
SS.GM.T0003052	12
SS.GM.T0003053	12
SS.GM.T0003063	12
SS.GM.T0003419	12
SS.GM.T0003447	12
SS.GM.T0003551	12
SS.GM.T0003571	12
SS.GM.T0003616	12
SS.GM.T0003670	12
SS.GM.T0003671	12
SS.GM.T0003734	12
SS.GM.T0003827	12
SS.GM.T0003852	12
SS.GM.T0003898	12
SS.GM.T0003910	12
SS.GM.T0003911	12
SS.GM.T0003940	12
SS.GM.T0003951	12
SS.GM.T0003952	12

Table F-2: Gravity Sewer Segments Removed from the High Frequency Cleaning Program

Asset ID	Cycle
SS.GM.T0003965	12
SS.GM.T0003980	12
SS.GM.T0003986	12
SS.GM.T0003987	12
SS.GM.T0004005	12
SS.GM.T0004035	12
SS.GM.T0004074	12
SS.GM.T0004097	12
SS.GM.T0004102	12
SS.GM.T0004113	12
SS.GM.T0004114	12
SS.GM.T0004171	12
SS.GM.T0004249	12
SS.GM.T0004310	12
SS.GM.T0004361	12
SS.GM.T0004363	12
SS.GM.T0004366	12
SS.GM.T0004381	12
SS.GM.T0004382	12
SS.GM.T0004396	12
SS.GM.T0004415	12
SS.GM.T0004574	12
SS.GM.T0004642	12
SS.GM.T0004644	12
SS.GM.T0004692	12
SS.GM.T0004693	12
SS.GM.T0004815	12
SS.GM.T0004817	12
SS.GM.T0004894	12
SS.GM.T0004898	12
SS.GM.T0004900	12
SS.GM.T0004901	12
SS.GM.T0004994	12
SS.GM.T0004995	12
SS.GM.T0005009	12
SS.GM.T0005010	12
SS.GM.T0005038	12
SS.GM.T0005186	12
SS.GM.T0005188	12
SS.GM.T0005225	12
SS.GM.T0005405	12
SS.GM.T0005423	12
SS.GM.T0005592	12
SS.GM.T0005700	12
SS.GM.T0005768	12
SS.GM.T0005783	12

Asset ID	Cycle
SS.GM.T0005867	12
SS.GM.T0005896	12
SS.GM.T0005934	12
SS.GM.T0005941	12
SS.GM.T0005942	12
SS.GM.T0006022	12
SS.GM.T0006094	12
SS.GM.T0006193	12
SS.GM.T0006197	12
SS.GM.T0006204	12
SS.GM.T0006205	12
SS.GM.T0006227	12
SS.GM.T0006228	12
SS.GM.T0006384	12
SS.GM.T0006403	12
SS.GM.T0006404	12
SS.GM.T0006406	12
SS.GM.T0006407	12
SS.GM.T0006408	12
SS.GM.T0006409	12
SS.GM.T0006421	12
SS.GM.T0006434	12
SS.GM.T0006447	12
SS.GM.T0006487	12
SS.GM.T0006536	12
SS.GM.T0006537	12
SS.GM.T0006602	12
SS.GM.T0006606	12
SS.GM.T0006663	12
SS.GM.T0006787	12
SS.GM.T0006788	12
SS.GM.T0006789	12
SS.GM.T0006790	12
SS.GM.T0006791	12
SS.GM.T0006792	12
SS.GM.T0006793	12
SS.GM.T0006831	12
SS.GM.T0006855	12
SS.GM.T0006874	12
SS.GM.T0006956	12
SS.GM.T0007031	12
SS.GM.T0007098	12
SS.GM.T0007207	12
SS.GM.T0007210	12
SS.GM.T0007222	12
SS.GM.T0007225	12

Asset ID	Cycle
SS.GM.T0007344	12
SS.GM.T0007348	12
SS.GM.T0007434	12
SS.GM.T0007468	12
SS.GM.T0007488	12
SS.GM.T0007581	12
SS.GM.T0007590	12
SS.GM.T0007610	12
SS.GM.T0007673	12
SS.GM.T0007674	12
SS.GM.T0007702	12
SS.GM.T0007704	12
SS.GM.T0007735	12
SS.GM.T0007736	12
SS.GM.T0007783	12
SS.GM.T0007869	12
SS.GM.T0007877	12
SS.GM.T0007881	12
SS.GM.T0007918	12
SS.GM.T0007920	12
SS.GM.T0007972	12
SS.GM.T0008056	12
SS.GM.T0008057	12
SS.GM.T0008063	12
SS.GM.T0008076	12
SS.GM.T0008077	12
SS.GM.T0008078	12
SS.GM.T0008088	12
SS.GM.T0008139	12
SS.GM.T0008153	12
SS.GM.T0008159	12
SS.GM.T0008160	12
SS.GM.T0008162	12
SS.GM.T0008163	12
SS.GM.T0008180	12
SS.GM.T0008187	12
SS.GM.T0008191	12
SS.GM.T0008202	12
SS.GM.T0008231	12
SS.GM.T0008233	12
SS.GM.T0008272	12
SS.GM.T0008326	12
SS.GM.T0008333	12
SS.GM.T0008339	12
SS.GM.T0008358	12
SS.GM.T0008393	12

Table F-2: Gravity Sewer Segments Removed from the High Frequency Cleaning Program

Asset ID	Cycle
SS.GM.T0008394	12
SS.GM.T0008395	12
SS.GM.T0008396	12
SS.GM.T0008401	12
SS.GM.T0008456	12
SS.GM.T0008481	12
SS.GM.T0008580	12
SS.GM.T0008587	12
SS.GM.T0008625	12
SS.GM.T0008786	12
SS.GM.T0008850	12
SS.GM.T0008851	12
SS.GM.T0008911	12
SS.GM.T0008945	12
SS.GM.T0009004	12
SS.GM.T0009032	12
SS.GM.T0009035	12
SS.GM.T0009047	12
SS.GM.T0009084	12
SS.GM.T0009089	12
SS.GM.T0009126	12
SS.GM.T0009161	12
SS.GM.T0009232	12
SS.GM.T0009274	12
SS.GM.T0009312	12
SS.GM.T0009600	12
SS.GM.T0009601	12
SS.GM.T0009612	12
SS.GM.T0009655	12
SS.GM.T0009686	12
SS.GM.T0009744	12
SS.GM.T0009811	12
SS.GM.T0009852	12
SS.GM.T0009853	12
SS.GM.T0009855	12
SS.GM.T0009856	12
SS.GM.T0009959	12
SS.GM.T0009998	12
SS.GM.T0010000	12
SS.GM.T0010006	12
SS.GM.T0010007	12
SS.GM.T0010008	12
SS.GM.T0010012	12
SS.GM.T0010037	12
SS.GM.T0010654	12
SS.GM.T0010655	12

Asset ID	Cycle
SS.GM.T0010656	12
SS.GM.T0010717	12
SS.GM.T0011399	12
SS.GM.T0011685	12
SS.GM.T0012041	12
SS.GM.T0012075	12
SS.GM.T0012095	12
SS.GM.T0012326	12
SS.GM.T0012327	12
SS.GM.T0012328	12
SS.GM.T0012336	12
SS.GM.T0012358	12
SS.GM.T0012438	12
SS.GM.T0012439	12
SS.GM.T0012440	12
SS.GM.T0012441	12
SS.GM.T0012442	12
SS.GM.T0012443	12
SS.GM.T0012444	12
SS.GM.T0012661	12
SS.GM.T0012662	12
SS.GM.T0012663	12
SS.GM.T0012963	12
SS.GM.T0013028	12
SS.GM.T0013035	12
SS.GM.T0013187	12
SS.GM.T0013200	12
SS.GM.T0013210	12
SS.GM.T0013558	12
SS.GM.T0013589	12
SS.GM.T0013590	12
SS.GM.T0013885	12
SS.GM.T0013895	12
SS.GM.T0013960	12
SS.GM.T0014105	12
SS.GM.T0014141	12
SS.GM.T0014143	12
SS.GM.T0014181	12
SS.GM.T0014192	12
SS.GM.T0014213	12
SS.GM.T0014425	12
SS.GM.T0014543	12
SS.GM.T0014807	12
SS.GM.T0014872	12
SS.GM.T0014877	12
SS.GM.T0014893	12

Asset ID	Cycle
SS.GM.T0015090	12
SS.GM.T0015149	12
SS.GM.T0015433	12
SS.GM.T0015592	12

Section G. Revised High Frequency Cleaning Program (Paragraph 33)

Sewer Segments Subject to Revised High Frequency Cleaning Program

See **Table G-1**, listing the 1,469 sewer segments subject to the Revised High Frequency Cleaning Program, along with an identification of how often each segment was cleaned during this reporting period. The list for the 1 January 2022 through 31 December 2022 reporting period is sorted by Asset ID.

Maps of Sewer Segments Subject to Revised High Frequency Cleaning Program

See **Figure G-1** depicting the locations of sewer segments subject to the Revised High Frequency Cleaning Program as of 31 December 2022.

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0000700	3	4
SS.GM.T0001053	3	4
SS.GM.T0001058	3	5
SS.GM.T0001059	3	6
SS.GM.T0002042	3	4
SS.GM.T0002043	3	4
SS.GM.T0002710	3	3
SS.GM.T0003955	3	4
SS.GM.T0004235	3	3
SS.GM.T0004237	3	6
SS.GM.T0004771	3	4
SS.GM.T0004772	3	3
SS.GM.T0004774	3	4
SS.GM.T0007328	3	4
SS.GM.T0007820	3	4
SS.GM.T0008035	3	4
SS.GM.T0008685	3	3
SS.GM.T0009233	3	3
SS.GM.T0009236	3	4
SS.GM.T0009241	3	6
SS.GM.T0009305	3	3
SS.GM.T0000384	6	3
SS.GM.T0000463	6	2
SS.GM.T0000576	6	4
SS.GM.T0000581	6	2
SS.GM.T0000582	6	2
SS.GM.T0000593	6	4
SS.GM.T0000738	6	1
SS.GM.T0000739	6	2
SS.GM.T0000740	6	2
SS.GM.T0000813	6	4
SS.GM.T0000853	6	3
SS.GM.T0000927	6	2
SS.GM.T0000928	6	2
SS.GM.T0000929	6	2
SS.GM.T0000950	6	5
SS.GM.T0000951	6	2
SS.GM.T0000952	6	2
SS.GM.T0000954	6	2
SS.GM.T0000964	6	2
SS.GM.T0000965	6	2
SS.GM.T0001149	6	2
SS.GM.T0001150	6	1
SS.GM.T0001176	6	2
SS.GM.T0001238	6	2
SS.GM.T0001381	6	2
SS.GM.T0001461	6	3
SS.GM.T0001563	6	2
SS.GM.T0001567	6	1
SS.GM.T0001568	6	1
SS.GM.T0001703	6	2
SS.GM.T0001797	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004311	12	0
SS.GM.T0004312	12	4
SS.GM.T0004314	12	2
SS.GM.T0004316	12	1
SS.GM.T0004318	12	2
SS.GM.T0004344	12	0
SS.GM.T0004390	12	2
SS.GM.T0004391	12	2
SS.GM.T0004411	12	1
SS.GM.T0004438	12	1
SS.GM.T0004452	12	1
SS.GM.T0004494	12	2
SS.GM.T0004507	12	2
SS.GM.T0004515	12	2
SS.GM.T0004532	12	2
SS.GM.T0004536	12	2
SS.GM.T0004543	12	1
SS.GM.T0004544	12	2
SS.GM.T0004555	12	1
SS.GM.T0004557	12	2
SS.GM.T0004599	12	2
SS.GM.T0004616	12	2
SS.GM.T0004617	12	2
SS.GM.T0004620	12	2
SS.GM.T0004625	12	3
SS.GM.T0004626	12	4
SS.GM.T0004629	12	2
SS.GM.T0004632	12	1
SS.GM.T0004633	12	1
SS.GM.T0004634	12	2
SS.GM.T0004635	12	2
SS.GM.T0004636	12	2
SS.GM.T0004637	12	2
SS.GM.T0004641	12	2
SS.GM.T0004647	12	1
SS.GM.T0004649	12	2
SS.GM.T0004650	12	2
SS.GM.T0004656	12	2
SS.GM.T0004690	12	1
SS.GM.T0004721	12	2
SS.GM.T0004722	12	2
SS.GM.T0004736	12	3
SS.GM.T0004742	12	3
SS.GM.T0004743	12	2
SS.GM.T0004757	12	2
SS.GM.T0004758	12	2
SS.GM.T0004763	12	1
SS.GM.T0004764	12	1
SS.GM.T0004765	12	1
SS.GM.T0004781	12	2
SS.GM.T0004795	12	1
SS.GM.T0004797	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0001899	6	1
SS.GM.T0001902	6	1
SS.GM.T0002005	6	2
SS.GM.T0002116	6	3
SS.GM.T0002168	6	2
SS.GM.T0002169	6	2
SS.GM.T0002206	6	2
SS.GM.T0002248	6	2
SS.GM.T0002307	6	2
SS.GM.T0002308	6	2
SS.GM.T0002487	6	4
SS.GM.T0002512	6	2
SS.GM.T0002513	6	1
SS.GM.T0002514	6	1
SS.GM.T0002521	6	2
SS.GM.T0002522	6	2
SS.GM.T0002523	6	2
SS.GM.T0002524	6	2
SS.GM.T0002568	6	3
SS.GM.T0002591	6	1
SS.GM.T0002671	6	2
SS.GM.T0002676	6	2
SS.GM.T0002677	6	2
SS.GM.T0002678	6	1
SS.GM.T0002680	6	2
SS.GM.T0002695	6	2
SS.GM.T0002696	6	2
SS.GM.T0002698	6	2
SS.GM.T0002699	6	2
SS.GM.T0002700	6	2
SS.GM.T0002701	6	2
SS.GM.T0002702	6	2
SS.GM.T0002787	6	2
SS.GM.T0002826	6	1
SS.GM.T0002830	6	1
SS.GM.T0002834	6	0
SS.GM.T0002835	6	0
SS.GM.T0002838	6	1
SS.GM.T0002988	6	4
SS.GM.T0003064	6	2
SS.GM.T0003203	6	2
SS.GM.T0003214	6	2
SS.GM.T0003227	6	2
SS.GM.T0003231	6	3
SS.GM.T0003233	6	3
SS.GM.T0003241	6	2
SS.GM.T0003243	6	2
SS.GM.T0003382	6	2
SS.GM.T0003385	6	2
SS.GM.T0003413	6	4
SS.GM.T0003433	6	1
SS.GM.T0003555	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004802	12	2
SS.GM.T0004803	12	1
SS.GM.T0004804	12	1
SS.GM.T0004834	12	2
SS.GM.T0004848	12	1
SS.GM.T0004849	12	1
SS.GM.T0004899	12	1
SS.GM.T0004934	12	2
SS.GM.T0004962	12	3
SS.GM.T0004971	12	1
SS.GM.T0004991	12	1
SS.GM.T0005030	12	2
SS.GM.T0005033	12	2
SS.GM.T0005041	12	1
SS.GM.T0005064	12	1
SS.GM.T0005085	12	1
SS.GM.T0005087	12	1
SS.GM.T0005088	12	1
SS.GM.T0005113	12	1
SS.GM.T0005126	12	1
SS.GM.T0005127	12	2
SS.GM.T0005128	12	1
SS.GM.T0005139	12	2
SS.GM.T0005150	12	1
SS.GM.T0005154	12	1
SS.GM.T0005156	12	2
SS.GM.T0005159	12	1
SS.GM.T0005165	12	2
SS.GM.T0005166	12	1
SS.GM.T0005167	12	1
SS.GM.T0005192	12	2
SS.GM.T0005194	12	6
SS.GM.T0005198	12	1
SS.GM.T0005245	12	1
SS.GM.T0005249	12	4
SS.GM.T0005250	12	4
SS.GM.T0005251	12	4
SS.GM.T0005252	12	2
SS.GM.T0005253	12	0
SS.GM.T0005269	12	2
SS.GM.T0005270	12	2
SS.GM.T0005278	12	2
SS.GM.T0005297	12	2
SS.GM.T0005298	12	2
SS.GM.T0005314	12	2
SS.GM.T0005315	12	2
SS.GM.T0005316	12	3
SS.GM.T0005317	12	1
SS.GM.T0005320	12	1
SS.GM.T0005322	12	1
SS.GM.T0005348	12	3
SS.GM.T0005349	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0003556	6	1
SS.GM.T0003557	6	1
SS.GM.T0003578	6	2
SS.GM.T0003581	6	2
SS.GM.T0003582	6	2
SS.GM.T0003583	6	2
SS.GM.T0003697	6	1
SS.GM.T0003786	6	1
SS.GM.T0003787	6	1
SS.GM.T0003839	6	3
SS.GM.T0003851	6	2
SS.GM.T0003859	6	4
SS.GM.T0003867	6	10
SS.GM.T0003883	6	5
SS.GM.T0003886	6	2
SS.GM.T0003887	6	3
SS.GM.T0003929	6	4
SS.GM.T0003941	6	1
SS.GM.T0003944	6	1
SS.GM.T0004006	6	2
SS.GM.T0004011	6	2
SS.GM.T0004053	6	2
SS.GM.T0004054	6	3
SS.GM.T0004158	6	2
SS.GM.T0004182	6	2
SS.GM.T0004185	6	2
SS.GM.T0004281	6	4
SS.GM.T0004307	6	3
SS.GM.T0004313	6	3
SS.GM.T0004315	6	3
SS.GM.T0004359	6	2
SS.GM.T0004446	6	2
SS.GM.T0004522	6	1
SS.GM.T0004523	6	1
SS.GM.T0004654	6	4
SS.GM.T0004709	6	2
SS.GM.T0004713	6	2
SS.GM.T0004717	6	2
SS.GM.T0004778	6	2
SS.GM.T0004779	6	3
SS.GM.T0004780	6	3
SS.GM.T0004782	6	3
SS.GM.T0004783	6	3
SS.GM.T0004800	6	2
SS.GM.T0004801	6	2
SS.GM.T0004810	6	2
SS.GM.T0004811	6	3
SS.GM.T0004812	6	2
SS.GM.T0004844	6	16
SS.GM.T0004852	6	1
SS.GM.T0004866	6	2
SS.GM.T0004867	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0005350	12	1
SS.GM.T0005351	12	1
SS.GM.T0005354	12	1
SS.GM.T0005355	12	1
SS.GM.T0005365	12	2
SS.GM.T0005379	12	1
SS.GM.T0005409	12	1
SS.GM.T0005412	12	1
SS.GM.T0005450	12	1
SS.GM.T0005473	12	2
SS.GM.T0005481	12	2
SS.GM.T0005499	12	3
SS.GM.T0005527	12	1
SS.GM.T0005530	12	1
SS.GM.T0005531	12	1
SS.GM.T0005532	12	1
SS.GM.T0005546	12	1
SS.GM.T0005557	12	2
SS.GM.T0005574	12	2
SS.GM.T0005581	12	6
SS.GM.T0005636	12	2
SS.GM.T0005637	12	2
SS.GM.T0005640	12	2
SS.GM.T0005646	12	2
SS.GM.T0005647	12	3
SS.GM.T0005648	12	3
SS.GM.T0005655	12	1
SS.GM.T0005659	12	1
SS.GM.T0005662	12	1
SS.GM.T0005672	12	2
SS.GM.T0005674	12	1
SS.GM.T0005676	12	1
SS.GM.T0005679	12	1
SS.GM.T0005689	12	1
SS.GM.T0005693	12	2
SS.GM.T0005694	12	2
SS.GM.T0005695	12	2
SS.GM.T0005741	12	2
SS.GM.T0005743	12	1
SS.GM.T0005744	12	1
SS.GM.T0005759	12	1
SS.GM.T0005763	12	3
SS.GM.T0005767	12	1
SS.GM.T0005821	12	3
SS.GM.T0005822	12	3
SS.GM.T0005839	12	1
SS.GM.T0005869	12	5
SS.GM.T0005870	12	1
SS.GM.T0005880	12	1
SS.GM.T0005901	12	5
SS.GM.T0005907	12	2
SS.GM.T0005910	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004893	6	4
SS.GM.T0004997	6	1
SS.GM.T0005119	6	6
SS.GM.T0005306	6	2
SS.GM.T0005307	6	2
SS.GM.T0005318	6	2
SS.GM.T0005389	6	2
SS.GM.T0005394	6	2
SS.GM.T0005497	6	2
SS.GM.T0005528	6	3
SS.GM.T0005577	6	2
SS.GM.T0005578	6	3
SS.GM.T0005628	6	1
SS.GM.T0005638	6	2
SS.GM.T0005639	6	2
SS.GM.T0005641	6	1
SS.GM.T0005642	6	1
SS.GM.T0005690	6	3
SS.GM.T0005769	6	3
SS.GM.T0005770	6	3
SS.GM.T0005771	6	2
SS.GM.T0005772	6	3
SS.GM.T0005792	6	2
SS.GM.T0005797	6	1
SS.GM.T0005798	6	4
SS.GM.T0005799	6	3
SS.GM.T0005800	6	3
SS.GM.T0005801	6	2
SS.GM.T0005864	6	2
SS.GM.T0005868	6	2
SS.GM.T0005977	6	3
SS.GM.T0006025	6	3
SS.GM.T0006047	6	1
SS.GM.T0006048	6	2
SS.GM.T0006088	6	4
SS.GM.T0006099	6	1
SS.GM.T0006106	6	2
SS.GM.T0006122	6	2
SS.GM.T0006123	6	2
SS.GM.T0006124	6	2
SS.GM.T0006125	6	1
SS.GM.T0006376	6	2
SS.GM.T0006383	6	1
SS.GM.T0006644	6	1
SS.GM.T0006645	6	1
SS.GM.T0006647	6	1
SS.GM.T0006648	6	2
SS.GM.T0006652	6	1
SS.GM.T0006872	6	2
SS.GM.T0006958	6	1
SS.GM.T0007001	6	2
SS.GM.T0007204	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0005911	12	1
SS.GM.T0005918	12	1
SS.GM.T0005939	12	1
SS.GM.T0005944	12	1
SS.GM.T0005950	12	1
SS.GM.T0005960	12	1
SS.GM.T0005980	12	2
SS.GM.T0005983	12	5
SS.GM.T0005996	12	2
SS.GM.T0005997	12	2
SS.GM.T0006007	12	3
SS.GM.T0006019	12	3
SS.GM.T0006036	12	1
SS.GM.T0006037	12	1
SS.GM.T0006049	12	1
SS.GM.T0006075	12	1
SS.GM.T0006077	12	1
SS.GM.T0006080	12	1
SS.GM.T0006081	12	2
SS.GM.T0006082	12	1
SS.GM.T0006091	12	2
SS.GM.T0006130	12	0
SS.GM.T0006169	12	1
SS.GM.T0006170	12	2
SS.GM.T0006183	12	0
SS.GM.T0006194	12	1
SS.GM.T0006207	12	1
SS.GM.T0006218	12	2
SS.GM.T0006221	12	1
SS.GM.T0006235	12	1
SS.GM.T0006248	12	3
SS.GM.T0006289	12	1
SS.GM.T0006290	12	1
SS.GM.T0006298	12	1
SS.GM.T0006299	12	1
SS.GM.T0006300	12	1
SS.GM.T0006301	12	1
SS.GM.T0006303	12	1
SS.GM.T0006330	12	1
SS.GM.T0006335	12	1
SS.GM.T0006337	12	1
SS.GM.T0006341	12	1
SS.GM.T0006347	12	1
SS.GM.T0006364	12	2
SS.GM.T0006365	12	1
SS.GM.T0006366	12	2
SS.GM.T0006370	12	1
SS.GM.T0006373	12	1
SS.GM.T0006385	12	2
SS.GM.T0006433	12	1
SS.GM.T0006435	12	1
SS.GM.T0006441	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007224	6	2
SS.GM.T0007346	6	2
SS.GM.T0007366	6	2
SS.GM.T0007368	6	1
SS.GM.T0007369	6	5
SS.GM.T0007401	6	5
SS.GM.T0007419	6	1
SS.GM.T0007478	6	2
SS.GM.T0007479	6	2
SS.GM.T0007537	6	3
SS.GM.T0007630	6	1
SS.GM.T0007711	6	1
SS.GM.T0007863	6	2
SS.GM.T0007864	6	2
SS.GM.T0007868	6	2
SS.GM.T0007904	6	1
SS.GM.T0008015	6	3
SS.GM.T0008065	6	2
SS.GM.T0008138	6	2
SS.GM.T0008148	6	2
SS.GM.T0008149	6	2
SS.GM.T0008155	6	2
SS.GM.T0008156	6	2
SS.GM.T0008164	6	0
SS.GM.T0008197	6	1
SS.GM.T0008271	6	2
SS.GM.T0008273	6	2
SS.GM.T0008282	6	2
SS.GM.T0008288	6	2
SS.GM.T0008290	6	2
SS.GM.T0008291	6	1
SS.GM.T0008361	6	3
SS.GM.T0008362	6	3
SS.GM.T0008374	6	2
SS.GM.T0008377	6	2
SS.GM.T0008380	6	4
SS.GM.T0008381	6	4
SS.GM.T0008382	6	1
SS.GM.T0008383	6	3
SS.GM.T0008385	6	2
SS.GM.T0008425	6	2
SS.GM.T0008449	6	1
SS.GM.T0008581	6	3
SS.GM.T0008589	6	3
SS.GM.T0008668	6	4
SS.GM.T0008783	6	2
SS.GM.T0008784	6	2
SS.GM.T0008785	6	2
SS.GM.T0008922	6	2
SS.GM.T0009177	6	2
SS.GM.T0009262	6	1
SS.GM.T0009263	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0006443	12	1
SS.GM.T0006444	12	1
SS.GM.T0006466	12	1
SS.GM.T0006470	12	1
SS.GM.T0006472	12	0
SS.GM.T0006518	12	1
SS.GM.T0006538	12	0
SS.GM.T0006566	12	2
SS.GM.T0006567	12	3
SS.GM.T0006574	12	1
SS.GM.T0006575	12	2
SS.GM.T0006576	12	2
SS.GM.T0006577	12	2
SS.GM.T0006578	12	3
SS.GM.T0006579	12	1
SS.GM.T0006580	12	2
SS.GM.T0006581	12	1
SS.GM.T0006585	12	1
SS.GM.T0006586	12	1
SS.GM.T0006589	12	1
SS.GM.T0006608	12	1
SS.GM.T0006616	12	1
SS.GM.T0006617	12	1
SS.GM.T0006618	12	2
SS.GM.T0006639	12	2
SS.GM.T0006640	12	2
SS.GM.T0006704	12	1
SS.GM.T0006714	12	1
SS.GM.T0006728	12	1
SS.GM.T0006731	12	2
SS.GM.T0006732	12	2
SS.GM.T0006733	12	2
SS.GM.T0006737	12	2
SS.GM.T0006814	12	2
SS.GM.T0006815	12	2
SS.GM.T0006817	12	2
SS.GM.T0006865	12	1
SS.GM.T0006894	12	2
SS.GM.T0006903	12	2
SS.GM.T0006911	12	1
SS.GM.T0006912	12	2
SS.GM.T0006913	12	1
SS.GM.T0006914	12	1
SS.GM.T0006943	12	1
SS.GM.T0006957	12	1
SS.GM.T0006964	12	3
SS.GM.T0006974	12	2
SS.GM.T0006975	12	1
SS.GM.T0007005	12	1
SS.GM.T0007022	12	1
SS.GM.T0007028	12	1
SS.GM.T0007029	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0009264	6	2
SS.GM.T0009269	6	3
SS.GM.T0009291	6	2
SS.GM.T0009292	6	3
SS.GM.T0009315	6	1
SS.GM.T0009378	6	2
SS.GM.T0009388	6	2
SS.GM.T0009499	6	3
SS.GM.T0009533	6	2
SS.GM.T0009534	6	2
SS.GM.T0009536	6	2
SS.GM.T0009537	6	2
SS.GM.T0009541	6	3
SS.GM.T0009547	6	1
SS.GM.T0009854	6	3
SS.GM.T0009884	6	2
SS.GM.T0009900	6	2
SS.GM.T0009991	6	2
SS.GM.T0010197	6	1
SS.GM.T0010199	6	1
SS.GM.T0010225	6	2
SS.GM.T0010258	6	1
SS.GM.T0010367	6	2
SS.GM.T0010515	6	2
SS.GM.T0010517	6	2
SS.GM.T0010551	6	1
SS.GM.T0010621	6	1
SS.GM.T0010631	6	0
SS.GM.T0011264	6	2
SS.GM.T0011290	6	0
SS.GM.T0011291	6	0
SS.GM.T0011292	6	0
SS.GM.T0011293	6	0
SS.GM.T0011414	6	0
SS.GM.T0011457	6	1
SS.GM.T0011480	6	2
SS.GM.T0011481	6	2
SS.GM.T0011507	6	2
SS.GM.T0011509	6	1
SS.GM.T0011510	6	1
SS.GM.T0011982	6	1
SS.GM.T0012015	6	1
SS.GM.T0012196	6	2
SS.GM.T0012197	6	2
SS.GM.T0012198	6	2
SS.GM.T0012199	6	2
SS.GM.T0012200	6	2
SS.GM.T0012201	6	2
SS.GM.T0012202	6	2
SS.GM.T0012203	6	2
SS.GM.T0012204	6	2
SS.GM.T0012260	6	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007050	12	1
SS.GM.T0007063	12	1
SS.GM.T0007068	12	1
SS.GM.T0007070	12	2
SS.GM.T0007071	12	1
SS.GM.T0007073	12	1
SS.GM.T0007074	12	1
SS.GM.T0007118	12	1
SS.GM.T0007119	12	1
SS.GM.T0007140	12	1
SS.GM.T0007141	12	1
SS.GM.T0007142	12	1
SS.GM.T0007143	12	2
SS.GM.T0007176	12	1
SS.GM.T0007211	12	1
SS.GM.T0007212	12	1
SS.GM.T0007213	12	1
SS.GM.T0007214	12	3
SS.GM.T0007216	12	2
SS.GM.T0007221	12	2
SS.GM.T0007253	12	1
SS.GM.T0007258	12	1
SS.GM.T0007262	12	1
SS.GM.T0007267	12	1
SS.GM.T0007268	12	2
SS.GM.T0007273	12	1
SS.GM.T0007274	12	1
SS.GM.T0007275	12	1
SS.GM.T0007308	12	1
SS.GM.T0007309	12	1
SS.GM.T0007310	12	1
SS.GM.T0007311	12	1
SS.GM.T0007313	12	1
SS.GM.T0007320	12	1
SS.GM.T0007321	12	1
SS.GM.T0007347	12	1
SS.GM.T0007351	12	2
SS.GM.T0007391	12	2
SS.GM.T0007425	12	1
SS.GM.T0007460	12	1
SS.GM.T0007469	12	2
SS.GM.T0007474	12	1
SS.GM.T0007475	12	1
SS.GM.T0007482	12	1
SS.GM.T0007483	12	1
SS.GM.T0007486	12	1
SS.GM.T0007487	12	1
SS.GM.T0007489	12	1
SS.GM.T0007496	12	5
SS.GM.T0007502	12	2
SS.GM.T0007503	12	1
SS.GM.T0007530	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0012261	6	2
SS.GM.T0012282	6	2
SS.GM.T0012459	6	2
SS.GM.T0012517	6	5
SS.GM.T0012518	6	2
SS.GM.T0012569	6	2
SS.GM.T0012574	6	2
SS.GM.T0012606	6	5
SS.GM.T0012641	6	1
SS.GM.T0012642	6	1
SS.GM.T0012643	6	3
SS.GM.T0012733	6	2
SS.GM.T0012860	6	2
SS.GM.T0012861	6	2
SS.GM.T0012888	6	1
SS.GM.T0012927	6	5
SS.GM.T0012928	6	3
SS.GM.T0013124	6	3
SS.GM.T0013126	6	3
SS.GM.T0013191	6	1
SS.GM.T0013192	6	1
SS.GM.T0013202	6	3
SS.GM.T0013204	6	1
SS.GM.T0013206	6	3
SS.GM.T0013230	6	1
SS.GM.T0013319	6	2
SS.GM.T0013386	6	2
SS.GM.T0013388	6	2
SS.GM.T0013390	6	2
SS.GM.T0013474	6	3
SS.GM.T0013493	6	2
SS.GM.T0013649	6	2
SS.GM.T0013712	6	2
SS.GM.T0013713	6	2
SS.GM.T0013941	6	2
SS.GM.T0014042	6	2
SS.GM.T0014043	6	2
SS.GM.T0014044	6	2
SS.GM.T0014100	6	4
SS.GM.T0014102	6	2
SS.GM.T0014106	6	2
SS.GM.T0014138	6	1
SS.GM.T0014140	6	3
SS.GM.T0014158	6	3
SS.GM.T0014174	6	2
SS.GM.T0014177	6	2
SS.GM.T0014191	6	2
SS.GM.T0014211	6	2
SS.GM.T0014212	6	2
SS.GM.T0014220	6	2
SS.GM.T0014264	6	2
SS.GM.T0014656	6	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007531	12	3
SS.GM.T0007549	12	1
SS.GM.T0007550	12	1
SS.GM.T0007562	12	3
SS.GM.T0007563	12	3
SS.GM.T0007589	12	1
SS.GM.T0007597	12	1
SS.GM.T0007598	12	1
SS.GM.T0007599	12	2
SS.GM.T0007600	12	1
SS.GM.T0007601	12	1
SS.GM.T0007602	12	5
SS.GM.T0007622	12	1
SS.GM.T0007623	12	1
SS.GM.T0007641	12	1
SS.GM.T0007642	12	1
SS.GM.T0007643	12	1
SS.GM.T0007647	12	2
SS.GM.T0007648	12	2
SS.GM.T0007649	12	1
SS.GM.T0007662	12	1
SS.GM.T0007667	12	1
SS.GM.T0007668	12	1
SS.GM.T0007700	12	1
SS.GM.T0007720	12	1
SS.GM.T0007721	12	1
SS.GM.T0007722	12	1
SS.GM.T0007723	12	1
SS.GM.T0007749	12	1
SS.GM.T0007750	12	2
SS.GM.T0007759	12	1
SS.GM.T0007760	12	1
SS.GM.T0007766	12	1
SS.GM.T0007769	12	1
SS.GM.T0007770	12	1
SS.GM.T0007775	12	2
SS.GM.T0007776	12	1
SS.GM.T0007777	12	1
SS.GM.T0007782	12	1
SS.GM.T0007797	12	1
SS.GM.T0007837	12	1
SS.GM.T0007838	12	1
SS.GM.T0007878	12	2
SS.GM.T0007882	12	1
SS.GM.T0007885	12	3
SS.GM.T0007897	12	1
SS.GM.T0007922	12	1
SS.GM.T0007923	12	2
SS.GM.T0007937	12	1
SS.GM.T0007942	12	1
SS.GM.T0007943	12	1
SS.GM.T0007961	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0014658	6	1
SS.GM.T0014661	6	2
SS.GM.T0014668	6	1
SS.GM.T0014779	6	5
SS.GM.T0014835	6	4
SS.GM.T0014994	6	3
SS.GM.T0015024	6	2
SS.GM.T0015057	6	1
SS.GM.T0015061	6	1
SS.GM.T0015139	6	2
SS.GM.T0015343	6	1
SS.GM.T0015531	6	3
SS.GM.T0015561	6	2
SS.GM.T0000267	12	0
SS.GM.T0000316	12	2
SS.GM.T0000319	12	1
SS.GM.T0000354	12	1
SS.GM.T0000414	12	1
SS.GM.T0000423	12	1
SS.GM.T0000425	12	1
SS.GM.T0000471	12	3
SS.GM.T0000472	12	3
SS.GM.T0000473	12	2
SS.GM.T0000477	12	2
SS.GM.T0000481	12	3
SS.GM.T0000508	12	2
SS.GM.T0000509	12	2
SS.GM.T0000510	12	2
SS.GM.T0000522	12	2
SS.GM.T0000552	12	1
SS.GM.T0000553	12	1
SS.GM.T0000554	12	1
SS.GM.T0000555	12	1
SS.GM.T0000575	12	8
SS.GM.T0000580	12	2
SS.GM.T0000584	12	2
SS.GM.T0000586	12	4
SS.GM.T0000601	12	2
SS.GM.T0000602	12	1
SS.GM.T0000603	12	2
SS.GM.T0000604	12	2
SS.GM.T0000605	12	2
SS.GM.T0000618	12	2
SS.GM.T0000619	12	2
SS.GM.T0000620	12	2
SS.GM.T0000629	12	3
SS.GM.T0000637	12	5
SS.GM.T0000650	12	0
SS.GM.T0000659	12	1
SS.GM.T0000663	12	1
SS.GM.T0000665	12	1
SS.GM.T0000671	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0007963	12	2
SS.GM.T0007964	12	2
SS.GM.T0007968	12	1
SS.GM.T0007975	12	3
SS.GM.T0007978	12	1
SS.GM.T0007982	12	1
SS.GM.T0007983	12	1
SS.GM.T0007989	12	4
SS.GM.T0007996	12	2
SS.GM.T0008001	12	2
SS.GM.T0008017	12	0
SS.GM.T0008032	12	1
SS.GM.T0008036	12	2
SS.GM.T0008037	12	2
SS.GM.T0008048	12	2
SS.GM.T0008049	12	2
SS.GM.T0008050	12	2
SS.GM.T0008058	12	1
SS.GM.T0008074	12	1
SS.GM.T0008079	12	2
SS.GM.T0008086	12	1
SS.GM.T0008089	12	2
SS.GM.T0008090	12	3
SS.GM.T0008091	12	3
SS.GM.T0008093	12	1
SS.GM.T0008098	12	1
SS.GM.T0008099	12	1
SS.GM.T0008100	12	1
SS.GM.T0008101	12	1
SS.GM.T0008102	12	2
SS.GM.T0008105	12	2
SS.GM.T0008144	12	0
SS.GM.T0008145	12	0
SS.GM.T0008147	12	0
SS.GM.T0008181	12	4
SS.GM.T0008193	12	5
SS.GM.T0008194	12	1
SS.GM.T0008225	12	1
SS.GM.T0008226	12	0
SS.GM.T0008230	12	0
SS.GM.T0008236	12	1
SS.GM.T0008265	12	3
SS.GM.T0008270	12	2
SS.GM.T0008294	12	2
SS.GM.T0008314	12	2
SS.GM.T0008315	12	1
SS.GM.T0008316	12	1
SS.GM.T0008317	12	2
SS.GM.T0008318	12	1
SS.GM.T0008324	12	2
SS.GM.T0008347	12	1
SS.GM.T0008348	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0000672	12	1
SS.GM.T0000673	12	2
SS.GM.T0000674	12	1
SS.GM.T0000675	12	1
SS.GM.T0000676	12	1
SS.GM.T0000678	12	1
SS.GM.T0000690	12	1
SS.GM.T0000693	12	1
SS.GM.T0000694	12	1
SS.GM.T0000715	12	1
SS.GM.T0000716	12	1
SS.GM.T0000720	12	1
SS.GM.T0000724	12	1
SS.GM.T0000745	12	2
SS.GM.T0000761	12	1
SS.GM.T0000775	12	2
SS.GM.T0000791	12	2
SS.GM.T0000793	12	2
SS.GM.T0000806	12	3
SS.GM.T0000808	12	3
SS.GM.T0000814	12	4
SS.GM.T0000821	12	3
SS.GM.T0000829	12	3
SS.GM.T0000834	12	1
SS.GM.T0000840	12	1
SS.GM.T0000843	12	2
SS.GM.T0000844	12	2
SS.GM.T0000846	12	2
SS.GM.T0000871	12	2
SS.GM.T0000888	12	3
SS.GM.T0000890	12	1
SS.GM.T0000891	12	0
SS.GM.T0000892	12	0
SS.GM.T0000893	12	0
SS.GM.T0000894	12	0
SS.GM.T0000895	12	4
SS.GM.T0000972	12	1
SS.GM.T0000975	12	1
SS.GM.T0000991	12	2
SS.GM.T0001077	12	1
SS.GM.T0001078	12	1
SS.GM.T0001079	12	1
SS.GM.T0001082	12	1
SS.GM.T0001090	12	2
SS.GM.T0001132	12	0
SS.GM.T0001161	12	1
SS.GM.T0001163	12	0
SS.GM.T0001165	12	0
SS.GM.T0001186	12	2
SS.GM.T0001240	12	2
SS.GM.T0001241	12	1
SS.GM.T0001242	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0008349	12	2
SS.GM.T0008360	12	1
SS.GM.T0008370	12	1
SS.GM.T0008371	12	1
SS.GM.T0008373	12	2
SS.GM.T0008379	12	1
SS.GM.T0008384	12	1
SS.GM.T0008399	12	0
SS.GM.T0008400	12	1
SS.GM.T0008419	12	1
SS.GM.T0008420	12	1
SS.GM.T0008429	12	3
SS.GM.T0008448	12	1
SS.GM.T0008472	12	1
SS.GM.T0008484	12	1
SS.GM.T0008492	12	1
SS.GM.T0008495	12	1
SS.GM.T0008504	12	1
SS.GM.T0008511	12	1
SS.GM.T0008512	12	1
SS.GM.T0008514	12	1
SS.GM.T0008516	12	1
SS.GM.T0008543	12	2
SS.GM.T0008544	12	2
SS.GM.T0008546	12	2
SS.GM.T0008547	12	2
SS.GM.T0008553	12	2
SS.GM.T0008582	12	2
SS.GM.T0008585	12	2
SS.GM.T0008595	12	3
SS.GM.T0008615	12	3
SS.GM.T0008626	12	2
SS.GM.T0008631	12	3
SS.GM.T0008654	12	3
SS.GM.T0008655	12	2
SS.GM.T0008689	12	2
SS.GM.T0008690	12	2
SS.GM.T0008691	12	2
SS.GM.T0008698	12	2
SS.GM.T0008706	12	2
SS.GM.T0008714	12	2
SS.GM.T0008715	12	2
SS.GM.T0008740	12	2
SS.GM.T0008750	12	2
SS.GM.T0008760	12	1
SS.GM.T0008763	12	2
SS.GM.T0008792	12	1
SS.GM.T0008793	12	1
SS.GM.T0008798	12	3
SS.GM.T0008825	12	1
SS.GM.T0008857	12	3
SS.GM.T0008862	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0001243	12	1
SS.GM.T0001257	12	2
SS.GM.T0001258	12	2
SS.GM.T0001300	12	1
SS.GM.T0001305	12	2
SS.GM.T0001307	12	2
SS.GM.T0001309	12	1
SS.GM.T0001326	12	2
SS.GM.T0001327	12	1
SS.GM.T0001329	12	1
SS.GM.T0001331	12	1
SS.GM.T0001336	12	1
SS.GM.T0001348	12	1
SS.GM.T0001349	12	2
SS.GM.T0001384	12	2
SS.GM.T0001385	12	2
SS.GM.T0001386	12	2
SS.GM.T0001455	12	1
SS.GM.T0001456	12	1
SS.GM.T0001609	12	1
SS.GM.T0001627	12	1
SS.GM.T0001628	12	0
SS.GM.T0001629	12	1
SS.GM.T0001630	12	1
SS.GM.T0001672	12	1
SS.GM.T0001673	12	2
SS.GM.T0001678	12	1
SS.GM.T0001723	12	2
SS.GM.T0001724	12	1
SS.GM.T0001744	12	1
SS.GM.T0001745	12	1
SS.GM.T0001750	12	1
SS.GM.T0001751	12	1
SS.GM.T0001752	12	1
SS.GM.T0001753	12	1
SS.GM.T0001757	12	1
SS.GM.T0001834	12	3
SS.GM.T0001838	12	1
SS.GM.T0001839	12	2
SS.GM.T0001840	12	1
SS.GM.T0001841	12	1
SS.GM.T0001842	12	2
SS.GM.T0001843	12	1
SS.GM.T0001844	12	1
SS.GM.T0001846	12	1
SS.GM.T0001855	12	1
SS.GM.T0001856	12	1
SS.GM.T0001896	12	2
SS.GM.T0001956	12	1
SS.GM.T0001957	12	1
SS.GM.T0002003	12	1
SS.GM.T0002006	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0008865	12	2
SS.GM.T0008866	12	2
SS.GM.T0008873	12	2
SS.GM.T0008874	12	2
SS.GM.T0008887	12	2
SS.GM.T0008893	12	2
SS.GM.T0008914	12	2
SS.GM.T0008915	12	3
SS.GM.T0008917	12	1
SS.GM.T0008918	12	2
SS.GM.T0008919	12	2
SS.GM.T0008970	12	1
SS.GM.T0008972	12	1
SS.GM.T0008974	12	3
SS.GM.T0008991	12	1
SS.GM.T0008992	12	2
SS.GM.T0008993	12	2
SS.GM.T0009005	12	1
SS.GM.T0009006	12	3
SS.GM.T0009007	12	1
SS.GM.T0009010	12	1
SS.GM.T0009011	12	1
SS.GM.T0009012	12	1
SS.GM.T0009013	12	1
SS.GM.T0009014	12	1
SS.GM.T0009022	12	2
SS.GM.T0009023	12	2
SS.GM.T0009024	12	1
SS.GM.T0009033	12	1
SS.GM.T0009036	12	1
SS.GM.T0009045	12	1
SS.GM.T0009058	12	2
SS.GM.T0009061	12	1
SS.GM.T0009082	12	0
SS.GM.T0009087	12	2
SS.GM.T0009095	12	1
SS.GM.T0009097	12	2
SS.GM.T0009098	12	1
SS.GM.T0009108	12	1
SS.GM.T0009115	12	1
SS.GM.T0009123	12	1
SS.GM.T0009125	12	1
SS.GM.T0009130	12	1
SS.GM.T0009143	12	1
SS.GM.T0009146	12	1
SS.GM.T0009147	12	1
SS.GM.T0009158	12	2
SS.GM.T0009163	12	2
SS.GM.T0009203	12	2
SS.GM.T0009214	12	1
SS.GM.T0009217	12	1
SS.GM.T0009224	12	1

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0002027	12	1
SS.GM.T0002035	12	2
SS.GM.T0002051	12	2
SS.GM.T0002059	12	1
SS.GM.T0002066	12	2
SS.GM.T0002067	12	3
SS.GM.T0002097	12	2
SS.GM.T0002103	12	2
SS.GM.T0002104	12	1
SS.GM.T0002149	12	1
SS.GM.T0002172	12	1
SS.GM.T0002174	12	1
SS.GM.T0002177	12	1
SS.GM.T0002178	12	1
SS.GM.T0002180	12	1
SS.GM.T0002203	12	1
SS.GM.T0002204	12	1
SS.GM.T0002214	12	1
SS.GM.T0002268	12	1
SS.GM.T0002269	12	1
SS.GM.T0002279	12	2
SS.GM.T0002391	12	1
SS.GM.T0002406	12	3
SS.GM.T0002407	12	2
SS.GM.T0002409	12	2
SS.GM.T0002410	12	1
SS.GM.T0002411	12	2
SS.GM.T0002412	12	2
SS.GM.T0002413	12	1
SS.GM.T0002436	12	1
SS.GM.T0002437	12	2
SS.GM.T0002491	12	2
SS.GM.T0002492	12	2
SS.GM.T0002495	12	2
SS.GM.T0002527	12	1
SS.GM.T0002528	12	1
SS.GM.T0002529	12	2
SS.GM.T0002530	12	1
SS.GM.T0002531	12	1
SS.GM.T0002532	12	1
SS.GM.T0002546	12	2
SS.GM.T0002547	12	1
SS.GM.T0002548	12	2
SS.GM.T0002566	12	5
SS.GM.T0002570	12	1
SS.GM.T0002573	12	3
SS.GM.T0002574	12	3
SS.GM.T0002582	12	2
SS.GM.T0002622	12	1
SS.GM.T0002623	12	1
SS.GM.T0002624	12	1
SS.GM.T0002629	12	1

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0009226	12	1
SS.GM.T0009227	12	0
SS.GM.T0009228	12	0
SS.GM.T0009230	12	1
SS.GM.T0009231	12	1
SS.GM.T0009235	12	1
SS.GM.T0009237	12	1
SS.GM.T0009243	12	1
SS.GM.T0009244	12	1
SS.GM.T0009245	12	1
SS.GM.T0009273	12	2
SS.GM.T0009278	12	1
SS.GM.T0009284	12	1
SS.GM.T0009290	12	1
SS.GM.T0009293	12	2
SS.GM.T0009294	12	1
SS.GM.T0009309	12	1
SS.GM.T0009310	12	3
SS.GM.T0009311	12	2
SS.GM.T0009313	12	3
SS.GM.T0009316	12	2
SS.GM.T0009325	12	2
SS.GM.T0009326	12	2
SS.GM.T0009329	12	3
SS.GM.T0009334	12	2
SS.GM.T0009353	12	1
SS.GM.T0009367	12	2
SS.GM.T0009385	12	1
SS.GM.T0009461	12	1
SS.GM.T0009462	12	1
SS.GM.T0009468	12	2
SS.GM.T0009470	12	2
SS.GM.T0009471	12	2
SS.GM.T0009472	12	2
SS.GM.T0009473	12	1
SS.GM.T0009480	12	1
SS.GM.T0009483	12	1
SS.GM.T0009484	12	1
SS.GM.T0009599	12	1
SS.GM.T0009602	12	1
SS.GM.T0009684	12	1
SS.GM.T0009688	12	2
SS.GM.T0009711	12	1
SS.GM.T0009716	12	1
SS.GM.T0009720	12	1
SS.GM.T0009725	12	1
SS.GM.T0009726	12	3
SS.GM.T0009730	12	1
SS.GM.T0009740	12	2
SS.GM.T0009753	12	2
SS.GM.T0009769	12	1
SS.GM.T0009773	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0002655	12	1
SS.GM.T0002661	12	1
SS.GM.T0002663	12	1
SS.GM.T0002669	12	1
SS.GM.T0002670	12	3
SS.GM.T0002711	12	4
SS.GM.T0002719	12	1
SS.GM.T0002740	12	1
SS.GM.T0002783	12	2
SS.GM.T0002790	12	2
SS.GM.T0002792	12	1
SS.GM.T0002793	12	1
SS.GM.T0002794	12	1
SS.GM.T0002804	12	2
SS.GM.T0002884	12	1
SS.GM.T0002901	12	3
SS.GM.T0002909	12	1
SS.GM.T0002910	12	1
SS.GM.T0002911	12	1
SS.GM.T0002914	12	2
SS.GM.T0002916	12	1
SS.GM.T0002918	12	1
SS.GM.T0002954	12	1
SS.GM.T0002965	12	1
SS.GM.T0002969	12	3
SS.GM.T0002970	12	2
SS.GM.T0002973	12	2
SS.GM.T0002978	12	3
SS.GM.T0002979	12	1
SS.GM.T0002984	12	2
SS.GM.T0002996	12	1
SS.GM.T0002999	12	3
SS.GM.T0003000	12	2
SS.GM.T0003007	12	3
SS.GM.T0003008	12	2
SS.GM.T0003009	12	3
SS.GM.T0003019	12	2
SS.GM.T0003021	12	2
SS.GM.T0003029	12	1
SS.GM.T0003030	12	1
SS.GM.T0003031	12	1
SS.GM.T0003040	12	1
SS.GM.T0003041	12	1
SS.GM.T0003054	12	2
SS.GM.T0003075	12	1
SS.GM.T0003076	12	1
SS.GM.T0003088	12	1
SS.GM.T0003099	12	4
SS.GM.T0003108	12	1
SS.GM.T0003146	12	2
SS.GM.T0003150	12	2
SS.GM.T0003166	12	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0009774	12	1
SS.GM.T0009777	12	1
SS.GM.T0009812	12	2
SS.GM.T0009820	12	1
SS.GM.T0009829	12	2
SS.GM.T0009857	12	1
SS.GM.T0009858	12	2
SS.GM.T0009861	12	1
SS.GM.T0009862	12	1
SS.GM.T0009863	12	2
SS.GM.T0009941	12	1
SS.GM.T0009979	12	1
SS.GM.T0009981	12	1
SS.GM.T0009982	12	1
SS.GM.T0009983	12	2
SS.GM.T0009984	12	2
SS.GM.T0009985	12	1
SS.GM.T0009989	12	1
SS.GM.T0010028	12	2
SS.GM.T0010031	12	2
SS.GM.T0010038	12	1
SS.GM.T0010039	12	1
SS.GM.T0010134	12	1
SS.GM.T0010419	12	1
SS.GM.T0010560	12	2
SS.GM.T0010706	12	1
SS.GM.T0010708	12	2
SS.GM.T0010719	12	2
SS.GM.T0010754	12	1
SS.GM.T0010755	12	1
SS.GM.T0010757	12	2
SS.GM.T0010758	12	2
SS.GM.T0010786	12	1
SS.GM.T0010792	12	2
SS.GM.T0010928	12	1
SS.GM.T0010929	12	1
SS.GM.T0010930	12	1
SS.GM.T0010931	12	1
SS.GM.T0010934	12	1
SS.GM.T0010935	12	2
SS.GM.T0011053	12	1
SS.GM.T0011306	12	1
SS.GM.T0011525	12	2
SS.GM.T0011736	12	0
SS.GM.T0011823	12	1
SS.GM.T0012129	12	1
SS.GM.T0012132	12	1
SS.GM.T0012216	12	1
SS.GM.T0012221	12	1
SS.GM.T0012335	12	2
SS.GM.T0012348	12	2
SS.GM.T0012374	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0003176	12	3
SS.GM.T0003211	12	2
SS.GM.T0003229	12	2
SS.GM.T0003232	12	1
SS.GM.T0003236	12	1
SS.GM.T0003293	12	1
SS.GM.T0003294	12	1
SS.GM.T0003304	12	2
SS.GM.T0003310	12	1
SS.GM.T0003312	12	1
SS.GM.T0003313	12	2
SS.GM.T0003315	12	1
SS.GM.T0003326	12	2
SS.GM.T0003327	12	2
SS.GM.T0003362	12	3
SS.GM.T0003373	12	1
SS.GM.T0003374	12	2
SS.GM.T0003375	12	1
SS.GM.T0003376	12	0
SS.GM.T0003377	12	0
SS.GM.T0003397	12	1
SS.GM.T0003399	12	1
SS.GM.T0003405	12	2
SS.GM.T0003445	12	1
SS.GM.T0003449	12	1
SS.GM.T0003456	12	1
SS.GM.T0003477	12	1
SS.GM.T0003478	12	1
SS.GM.T0003479	12	1
SS.GM.T0003531	12	1
SS.GM.T0003537	12	2
SS.GM.T0003542	12	1
SS.GM.T0003544	12	1
SS.GM.T0003585	12	1
SS.GM.T0003586	12	1
SS.GM.T0003617	12	1
SS.GM.T0003621	12	1
SS.GM.T0003623	12	1
SS.GM.T0003642	12	1
SS.GM.T0003672	12	3
SS.GM.T0003717	12	1
SS.GM.T0003718	12	1
SS.GM.T0003760	12	1
SS.GM.T0003771	12	1
SS.GM.T0003785	12	1
SS.GM.T0003824	12	3
SS.GM.T0003828	12	1
SS.GM.T0003838	12	1
SS.GM.T0003841	12	2
SS.GM.T0003855	12	3
SS.GM.T0003865	12	2
SS.GM.T0003872	12	3

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0012425	12	1
SS.GM.T0012426	12	1
SS.GM.T0012427	12	2
SS.GM.T0012664	12	1
SS.GM.T0012818	12	1
SS.GM.T0012868	12	1
SS.GM.T0012894	12	2
SS.GM.T0012895	12	2
SS.GM.T0012929	12	1
SS.GM.T0012968	12	1
SS.GM.T0012969	12	1
SS.GM.T0012981	12	1
SS.GM.T0013008	12	1
SS.GM.T0013047	12	2
SS.GM.T0013086	12	3
SS.GM.T0013087	12	3
SS.GM.T0013123	12	2
SS.GM.T0013162	12	1
SS.GM.T0013163	12	1
SS.GM.T0013174	12	1
SS.GM.T0013179	12	1
SS.GM.T0013190	12	2
SS.GM.T0013267	12	2
SS.GM.T0013278	12	3
SS.GM.T0013280	12	2
SS.GM.T0013281	12	2
SS.GM.T0013286	12	3
SS.GM.T0013315	12	1
SS.GM.T0013336	12	2
SS.GM.T0013347	12	1
SS.GM.T0013348	12	1
SS.GM.T0013359	12	1
SS.GM.T0013366	12	3
SS.GM.T0013426	12	3
SS.GM.T0013431	12	1
SS.GM.T0013438	12	1
SS.GM.T0013439	12	1
SS.GM.T0013440	12	1
SS.GM.T0013458	12	1
SS.GM.T0013459	12	1
SS.GM.T0013460	12	1
SS.GM.T0013461	12	1
SS.GM.T0013502	12	2
SS.GM.T0013518	12	1
SS.GM.T0013520	12	1
SS.GM.T0013524	12	2
SS.GM.T0013676	12	1
SS.GM.T0013677	12	1
SS.GM.T0013679	12	3
SS.GM.T0013710	12	1
SS.GM.T0013711	12	1
SS.GM.T0013835	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0003878	12	1
SS.GM.T0003880	12	3
SS.GM.T0003881	12	3
SS.GM.T0003882	12	1
SS.GM.T0003903	12	6
SS.GM.T0003904	12	6
SS.GM.T0003905	12	2
SS.GM.T0003906	12	2
SS.GM.T0003907	12	3
SS.GM.T0003912	12	6
SS.GM.T0003917	12	1
SS.GM.T0003918	12	1
SS.GM.T0003936	12	1
SS.GM.T0003962	12	1
SS.GM.T0003969	12	1
SS.GM.T0003982	12	1
SS.GM.T0003991	12	2
SS.GM.T0004009	12	1
SS.GM.T0004010	12	1
SS.GM.T0004012	12	0
SS.GM.T0004017	12	1
SS.GM.T0004024	12	1
SS.GM.T0004029	12	1
SS.GM.T0004030	12	1
SS.GM.T0004041	12	1
SS.GM.T0004060	12	2
SS.GM.T0004062	12	1
SS.GM.T0004079	12	2
SS.GM.T0004090	12	1
SS.GM.T0004115	12	2
SS.GM.T0004123	12	2
SS.GM.T0004140	12	1
SS.GM.T0004187	12	1
SS.GM.T0004207	12	1
SS.GM.T0004208	12	2
SS.GM.T0004209	12	3
SS.GM.T0004212	12	1
SS.GM.T0004213	12	1
SS.GM.T0004232	12	1
SS.GM.T0004238	12	2
SS.GM.T0004240	12	3
SS.GM.T0004241	12	1
SS.GM.T0004243	12	3
SS.GM.T0004252	12	3
SS.GM.T0004255	12	2
SS.GM.T0004256	12	2
SS.GM.T0004261	12	2
SS.GM.T0004262	12	2
SS.GM.T0004266	12	2
SS.GM.T0004267	12	2
SS.GM.T0004268	12	2
SS.GM.T0004269	12	2

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0013880	12	1
SS.GM.T0013882	12	1
SS.GM.T0013893	12	1
SS.GM.T0013922	12	1
SS.GM.T0013950	12	2
SS.GM.T0013954	12	1
SS.GM.T0013955	12	1
SS.GM.T0013956	12	1
SS.GM.T0013957	12	1
SS.GM.T0014016	12	1
SS.GM.T0014026	12	1
SS.GM.T0014108	12	2
SS.GM.T0014110	12	1
SS.GM.T0014157	12	1
SS.GM.T0014166	12	1
SS.GM.T0014186	12	1
SS.GM.T0014200	12	1
SS.GM.T0014314	12	1
SS.GM.T0014320	12	1
SS.GM.T0014438	12	3
SS.GM.T0014652	12	1
SS.GM.T0014672	12	1
SS.GM.T0014673	12	4
SS.GM.T0014782	12	2
SS.GM.T0014847	12	1
SS.GM.T0014851	12	1
SS.GM.T0014852	12	3
SS.GM.T0014853	12	1
SS.GM.T0014856	12	1
SS.GM.T0014915	12	1
SS.GM.T0014924	12	1
SS.GM.T0014969	12	2
SS.GM.T0014993	12	2
SS.GM.T0014998	12	2
SS.GM.T0015000	12	2
SS.GM.T0015010	12	1
SS.GM.T0015062	12	1
SS.GM.T0015121	12	1
SS.GM.T0015122	12	1
SS.GM.T0015208	12	1
SS.GM.T0015302	12	1
SS.GM.T0015308	12	1
SS.GM.T0015310	12	1
SS.GM.T0015402	12	1
SS.GM.T0015575	12	1
SS.GM.T0015599	12	1
SS.GM.T0015604	12	1
SS.GM.T0015679	12	1
SS.GM.T0015686	12	2
SS.GM.T0015687	12	2
SS.GM.T0015749	12	1
SS.GM.T0015767	12	2

Table G-1: Revised Frequency Cleaning Program

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0004270	12	2
SS.GM.T0004290	12	2
SS.GM.T0004291	12	2
SS.GM.T0004292	12	2
SS.GM.T0004293	12	2
SS.GM.T0004309	12	3

Asset ID	HFCP Cycle	HFCP Clean
SS.GM.T0015783	12	1
SS.GM.T0015790	12	2
SS.GM.T0015793	12	2
SS.GM.T0015808	12	2
SS.GM.T0015855	12	1
SS.GM.T0015865	12	2
SS.GM.T0015873	12	3

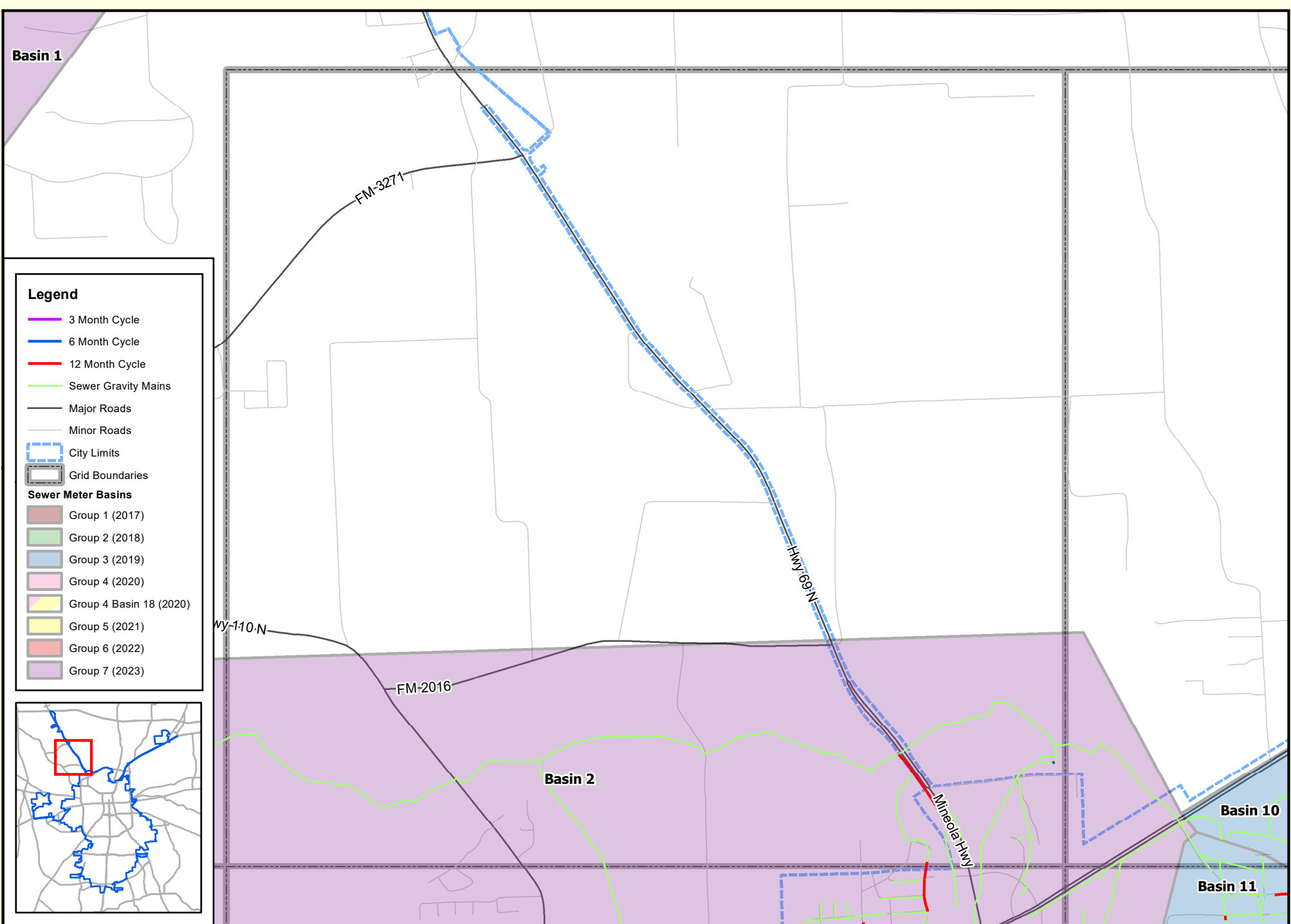
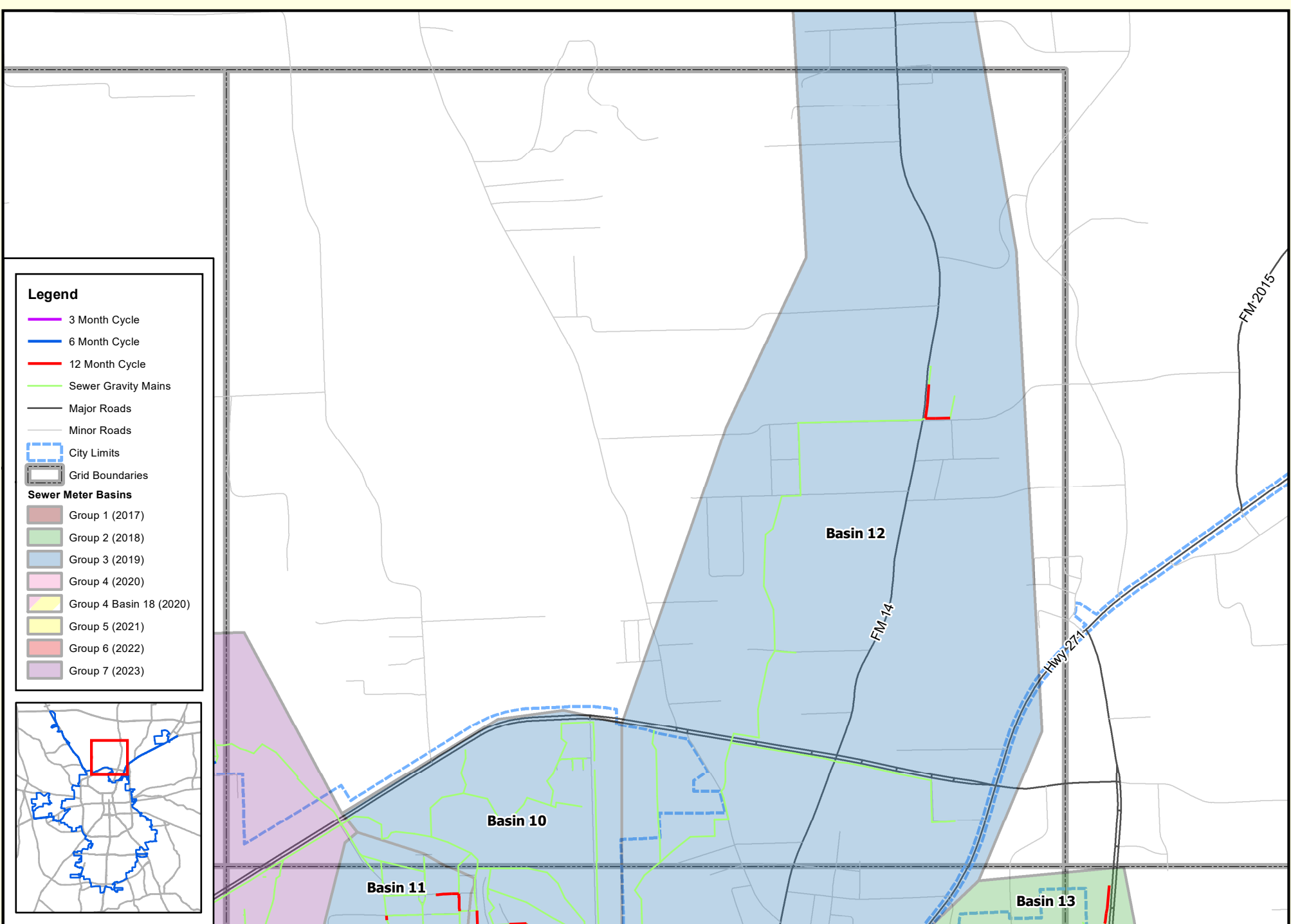


Figure G-1. Revised High Frequency Cleaning Program



Legend

- 3 Month Cycle
- 6 Month Cycle
- 12 Month Cycle
- Sewer Gravity Mains
- Major Roads
- Minor Roads
- City Limits
- Grid Boundaries

Sewer Meter Basins

- Group 1 (2017)
- Group 2 (2018)
- Group 3 (2019)
- Group 4 (2020)
- Group 4 Basin 18 (2020)
- Group 5 (2021)
- Group 6 (2022)
- Group 7 (2023)

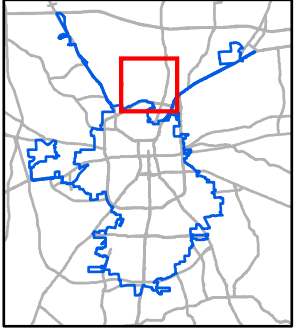


Figure G-1. Revised High Frequency Cleaning Program

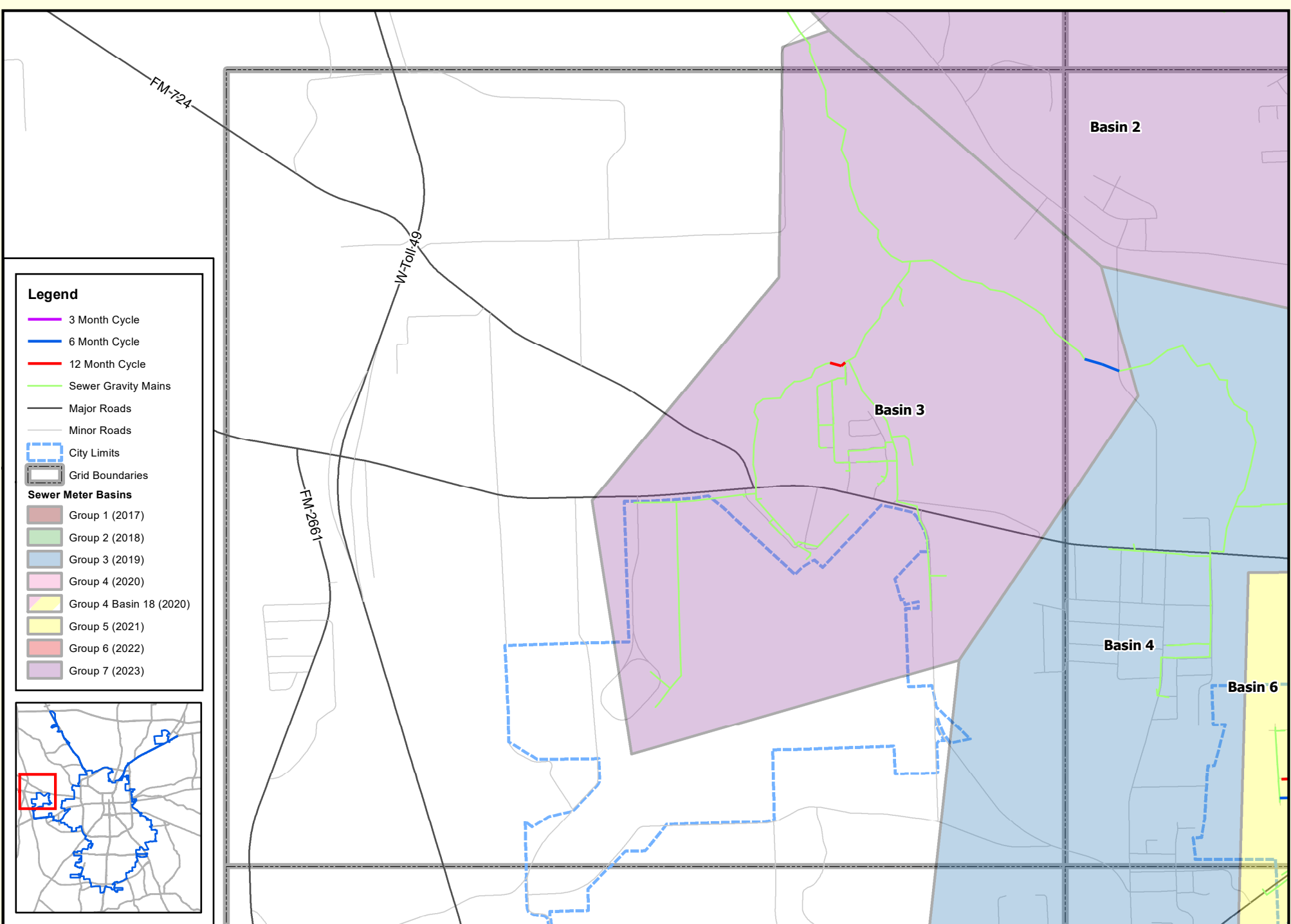


Figure G-1. Revised High Frequency Cleaning Program

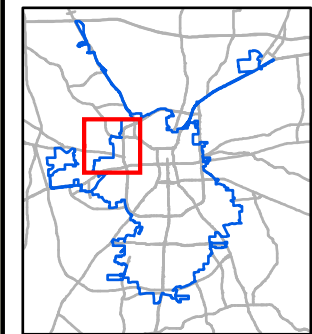
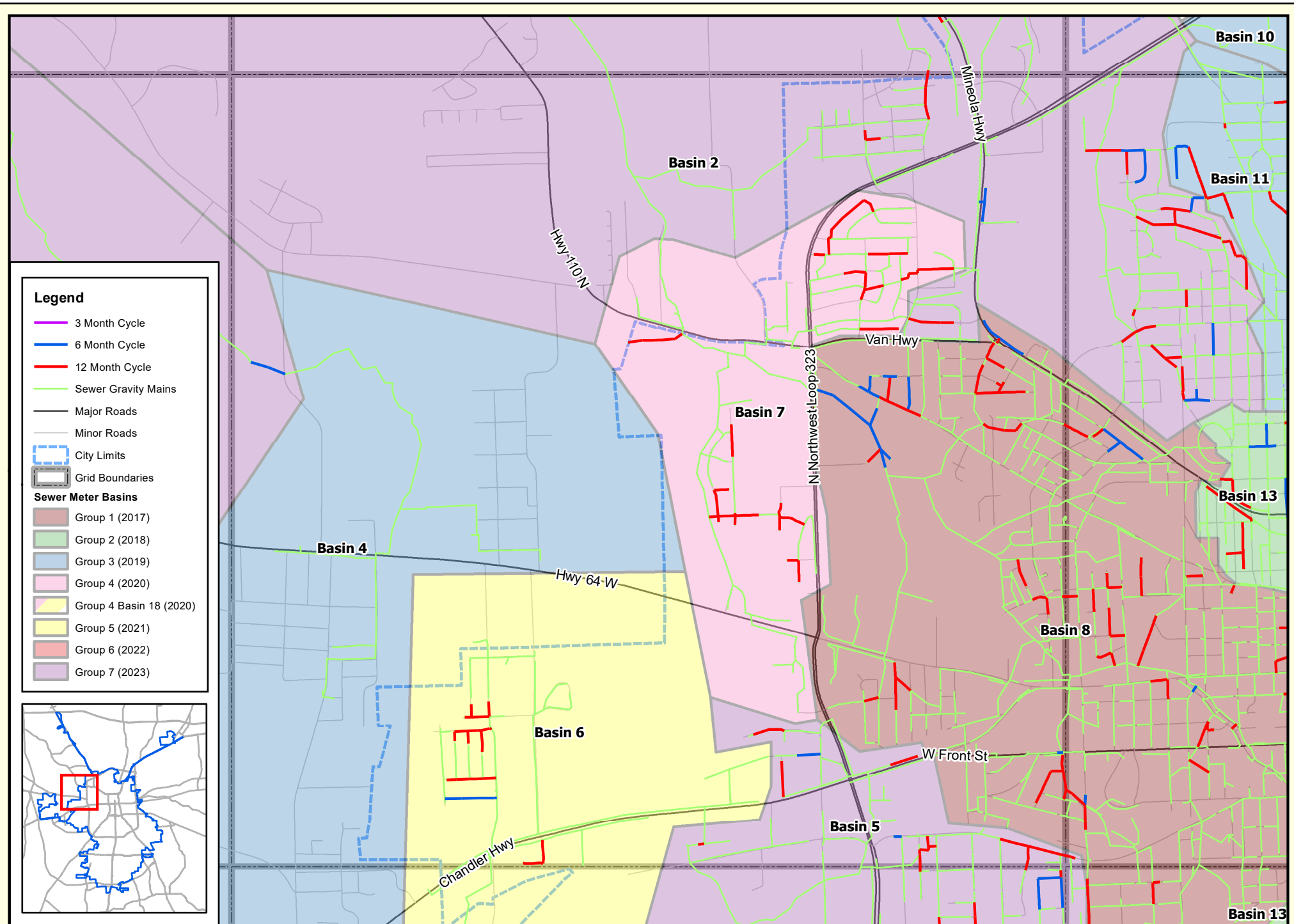


Figure G-1. Revised High Frequency Cleaning Program

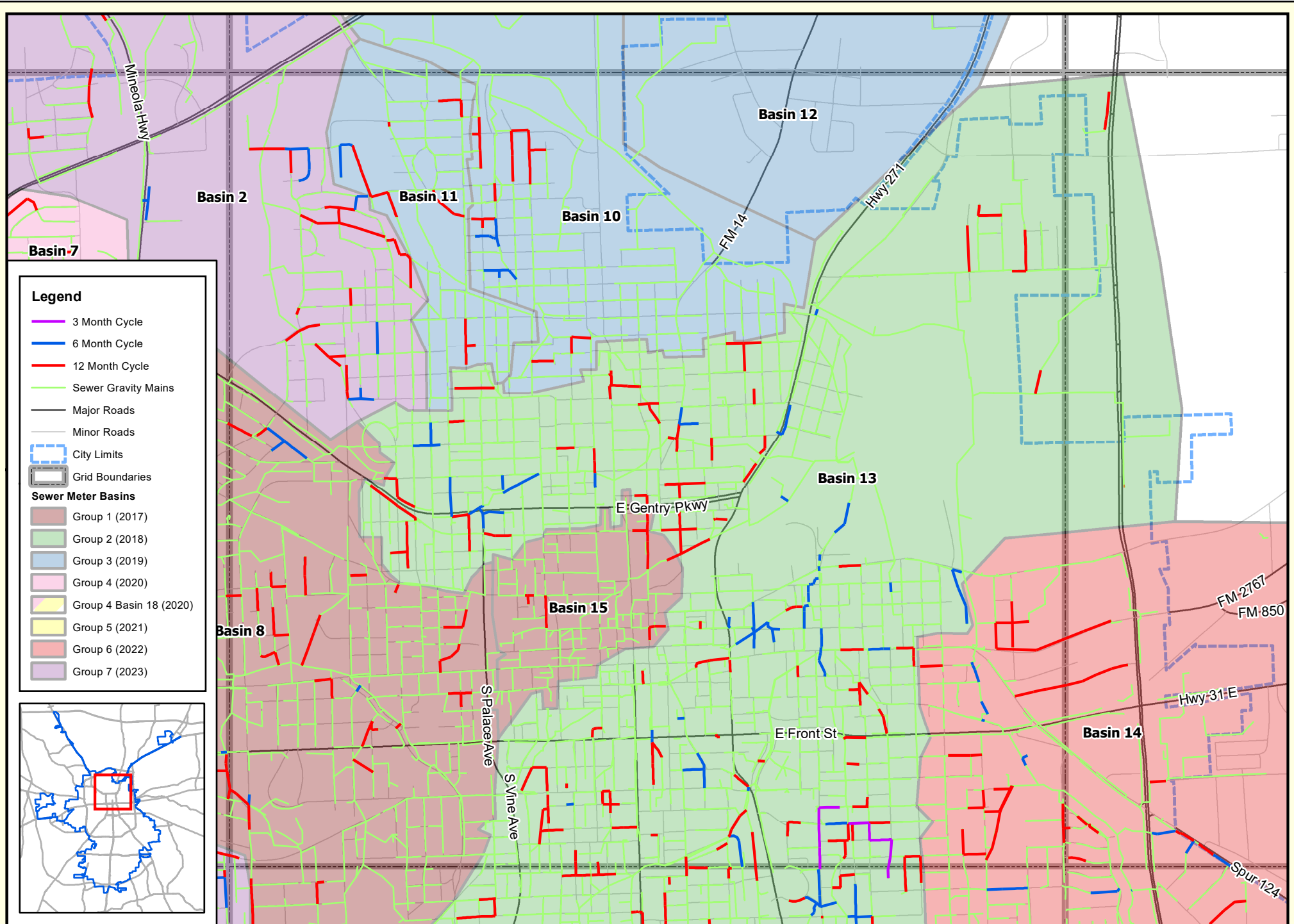


Figure G-1. Revised High Frequency Cleaning Program

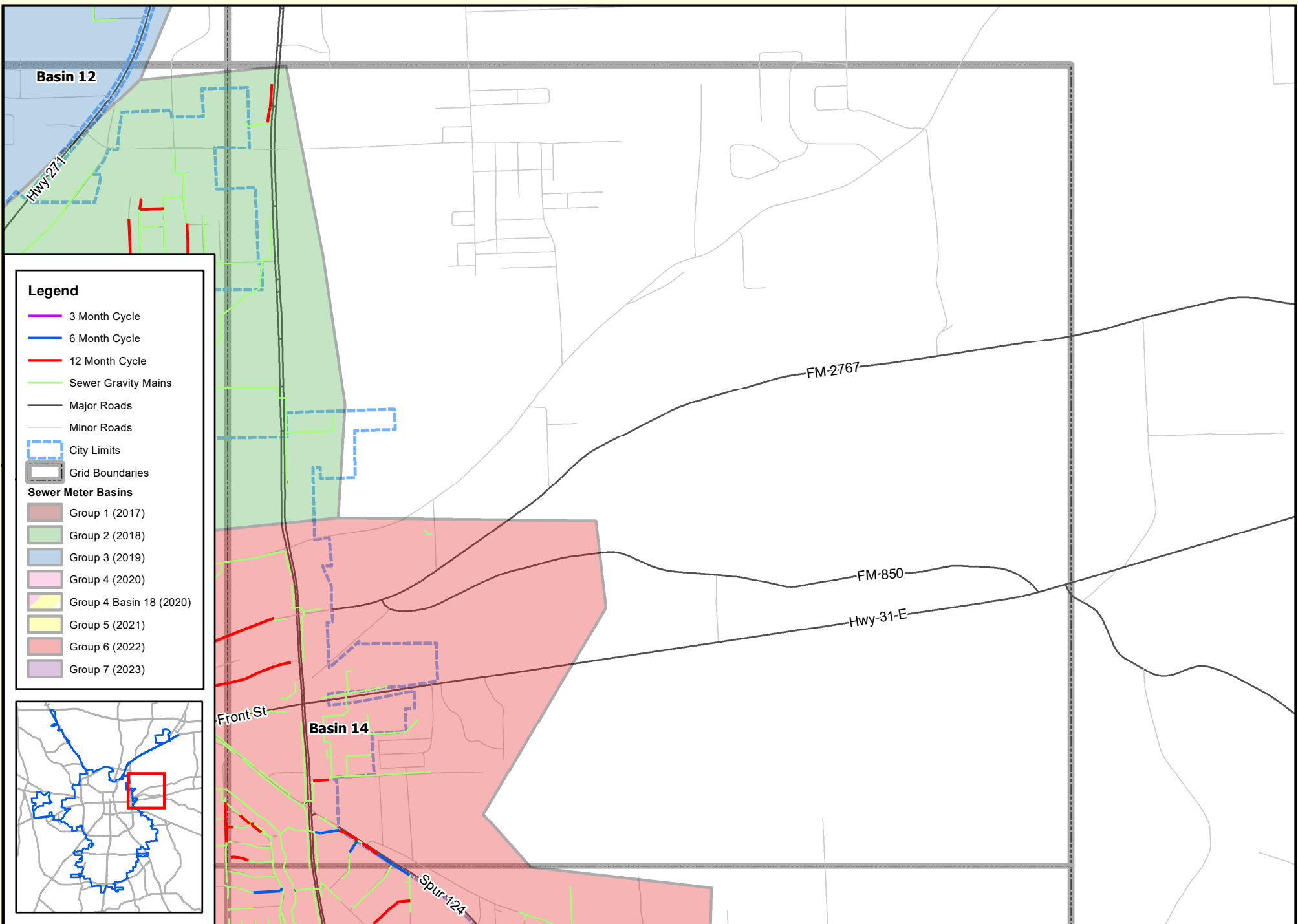


Figure G-1. Revised High Frequency Cleaning Program

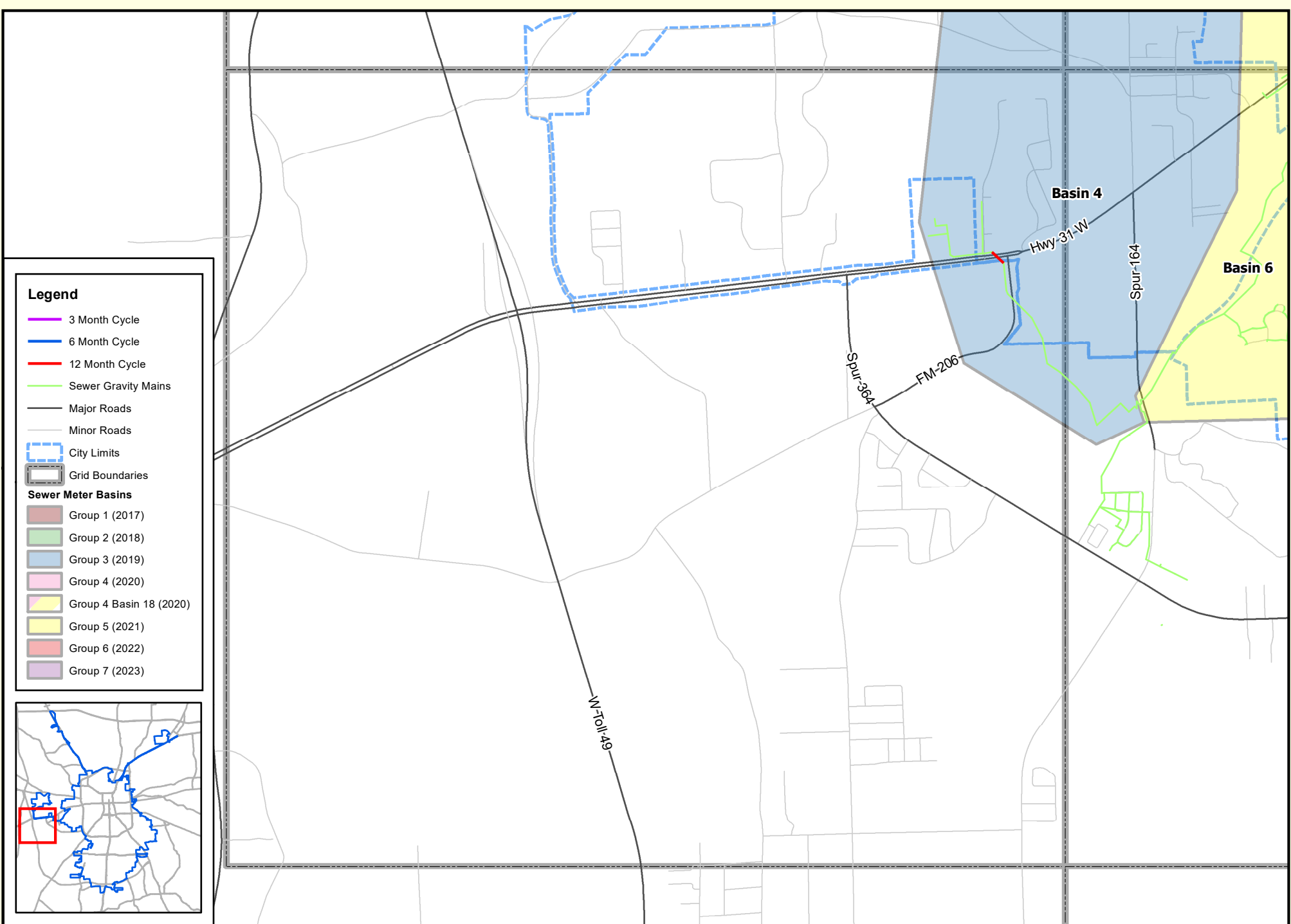


Figure G-1. Revised High Frequency Cleaning Program

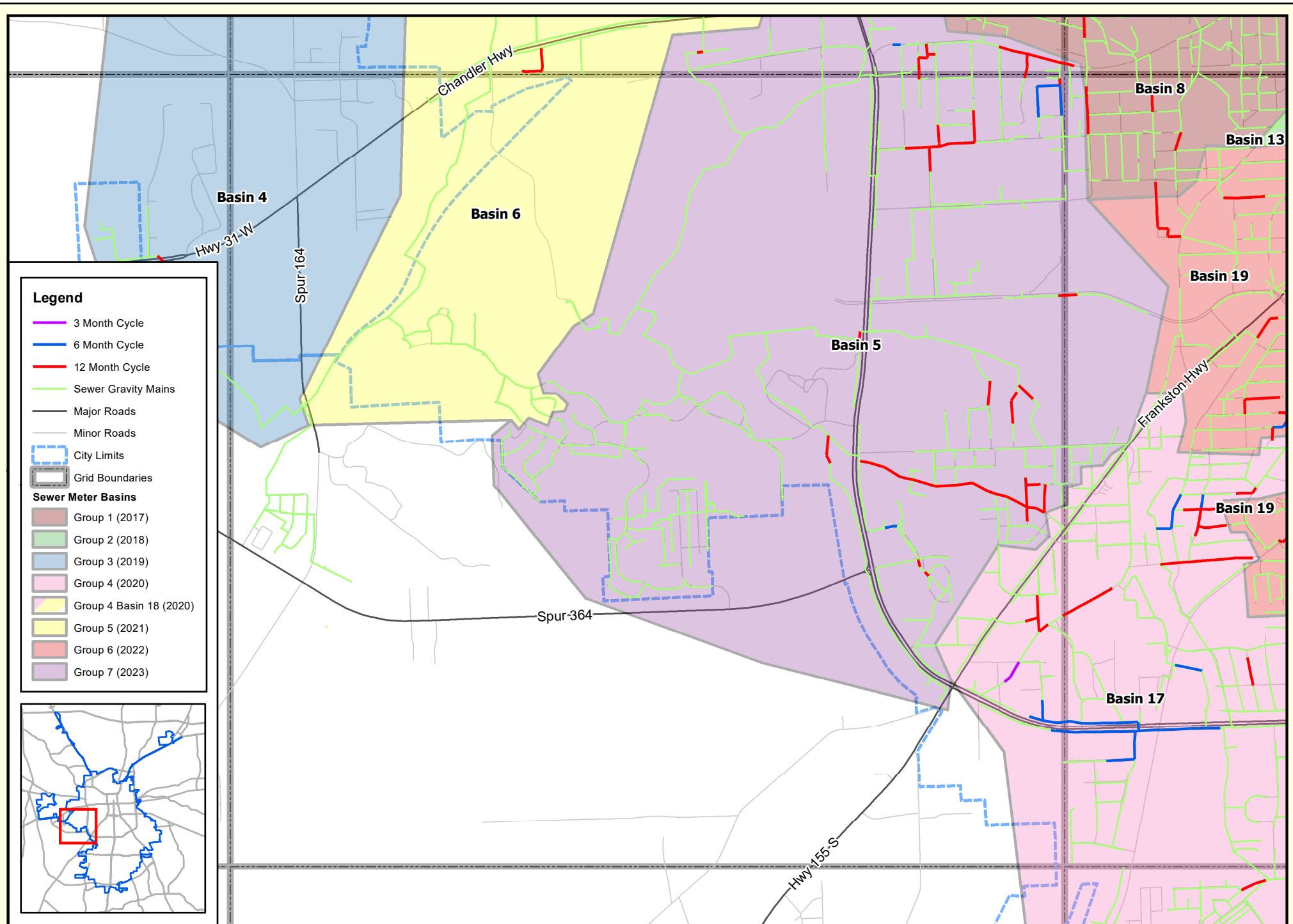


Figure G-1. Revised High Frequency Cleaning Program

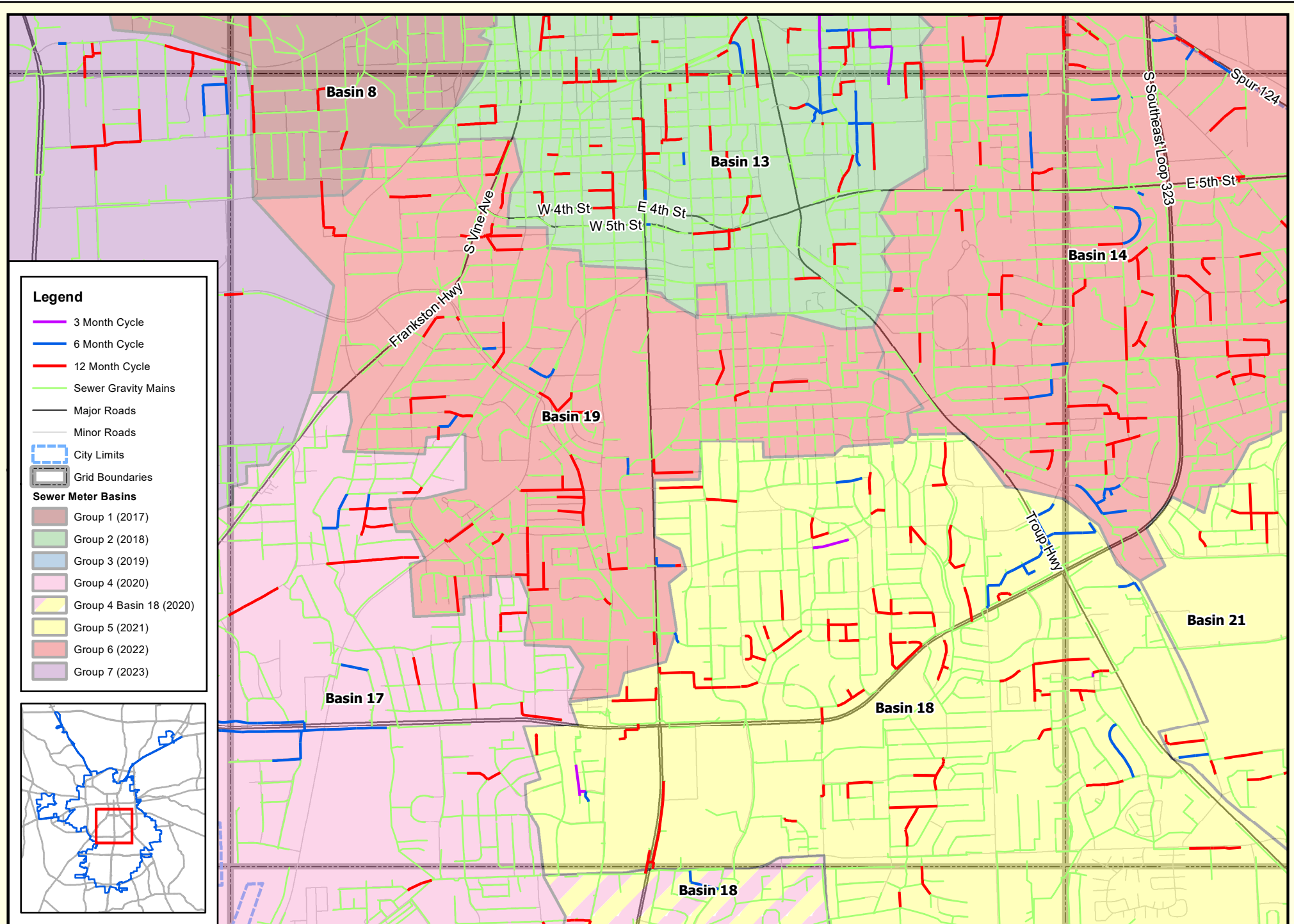


Figure G-1. Revised High Frequency Cleaning Program

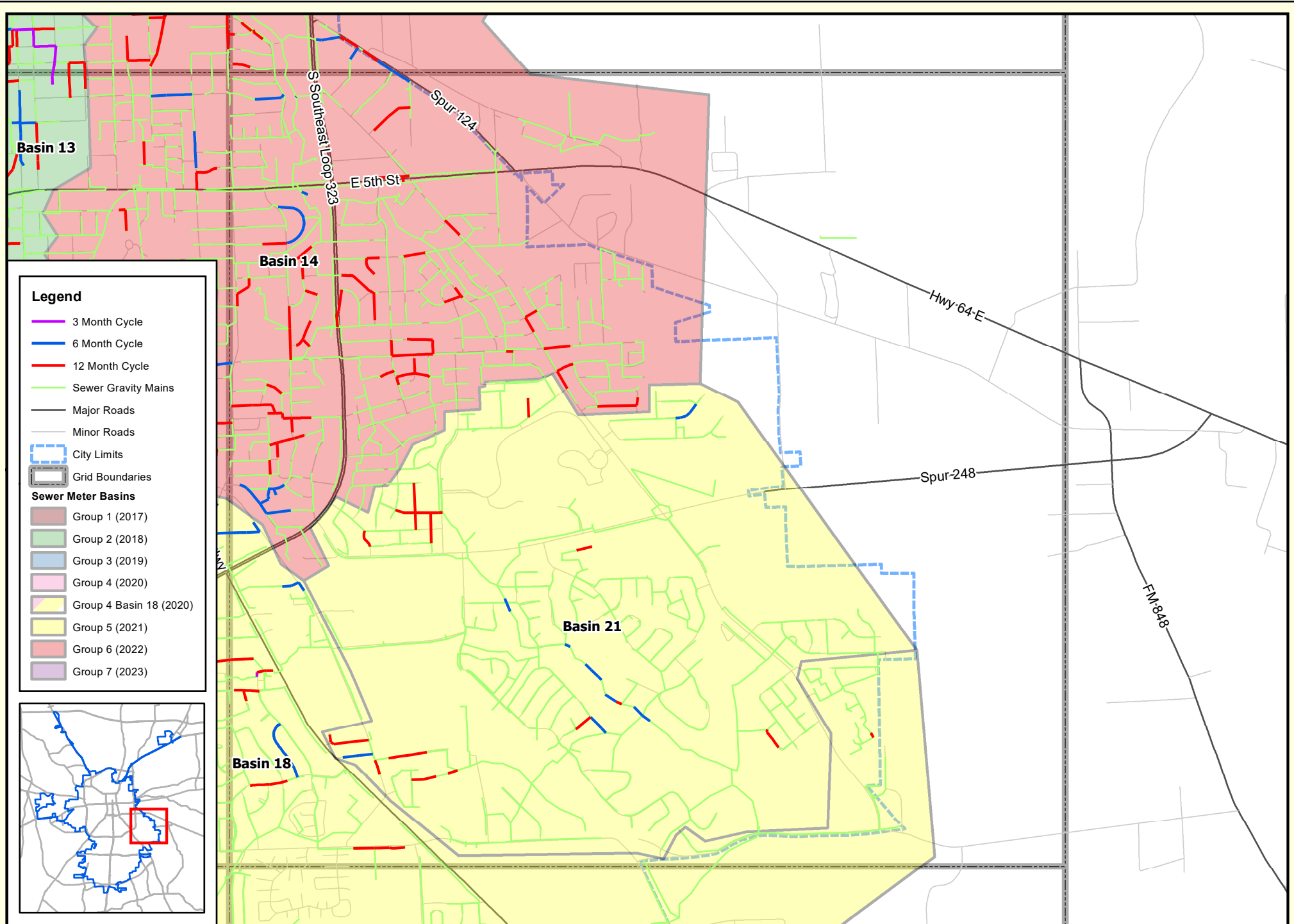
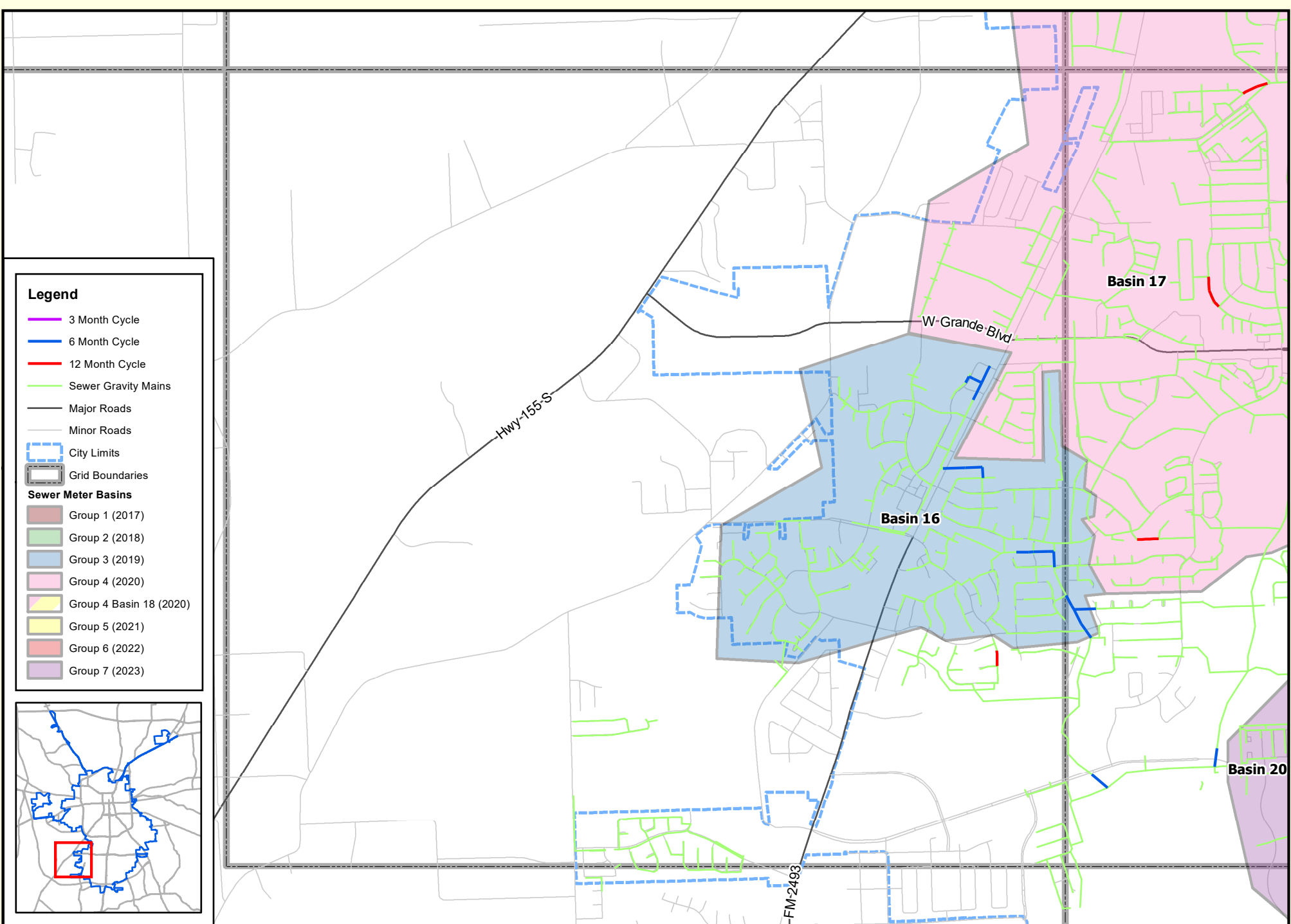


Figure G-1. Revised High Frequency Cleaning Program



Legend

- 3 Month Cycle
- 6 Month Cycle
- 12 Month Cycle
- Sewer Gravity Mains
- Major Roads
- Minor Roads

City Limits

Grid Boundaries

Sewer Meter Basins

- Group 1 (2017)
- Group 2 (2018)
- Group 3 (2019)
- Group 4 (2020)
- Group 4 Basin 18 (2020)
- Group 5 (2021)
- Group 6 (2022)
- Group 7 (2023)

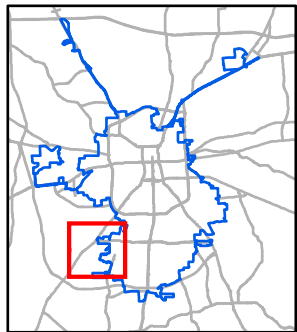


Figure G-1. Revised High Frequency Cleaning Program

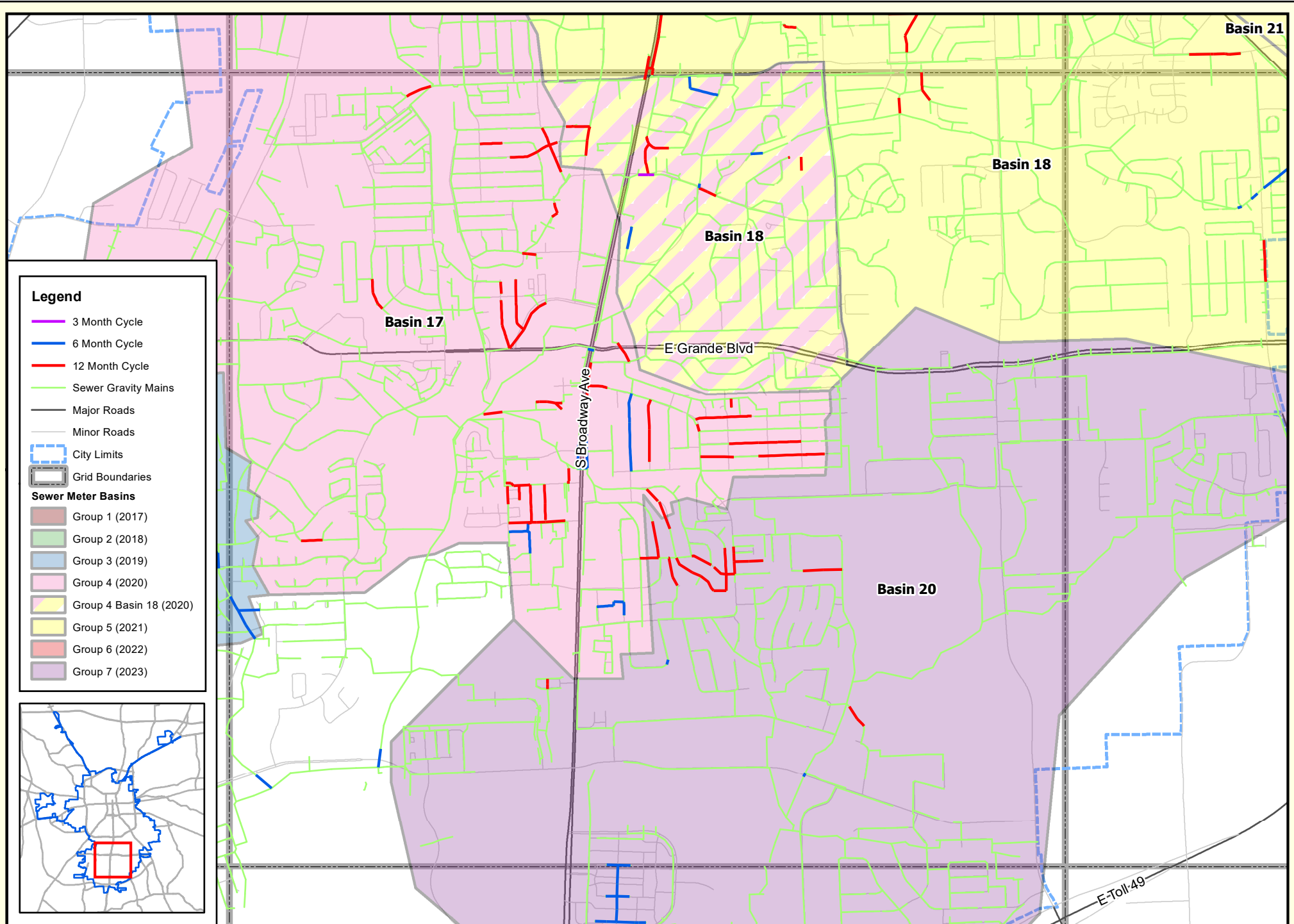


Figure G-1. Revised High Frequency Cleaning Program

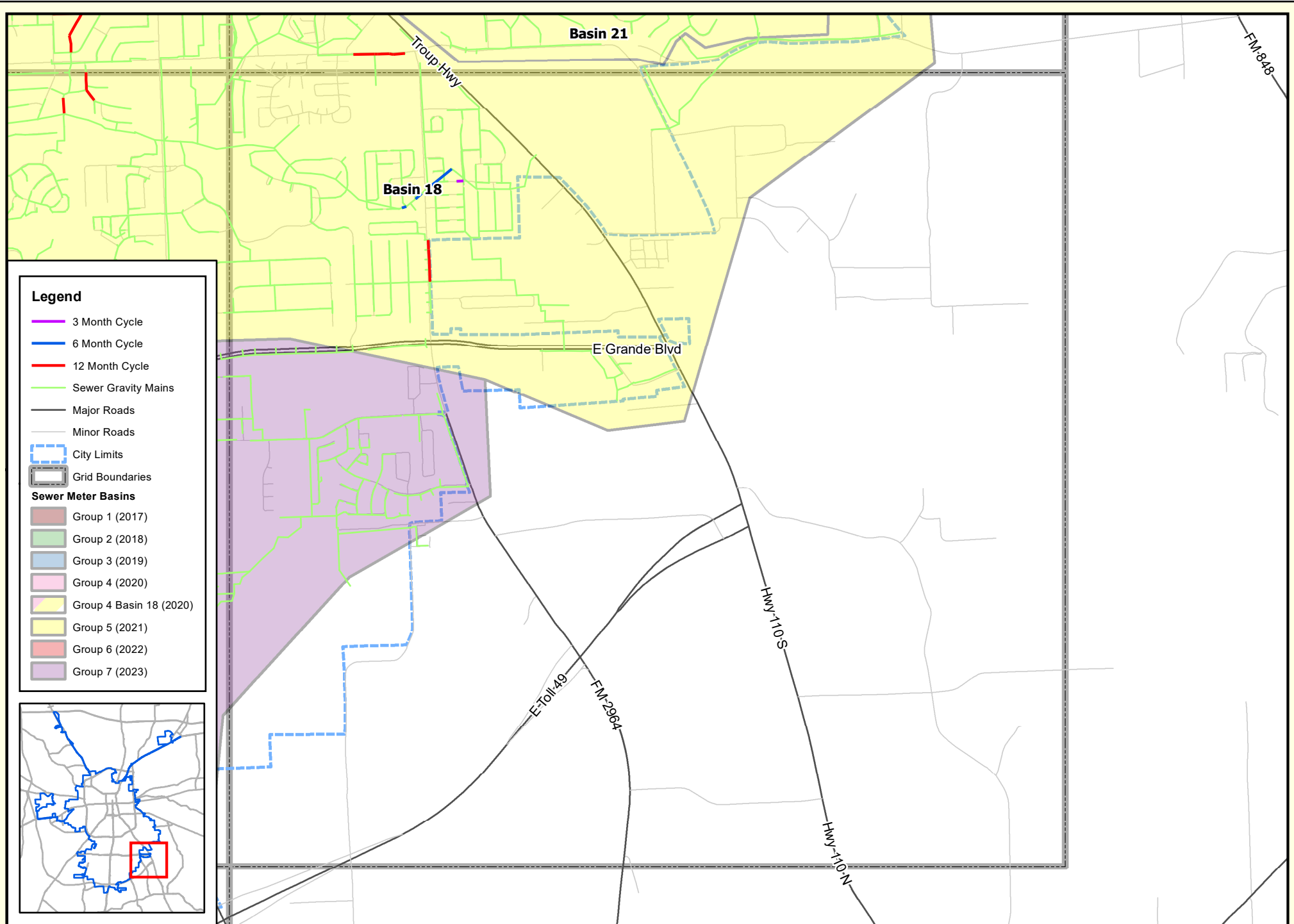


Figure G-1. Revised High Frequency Cleaning Program

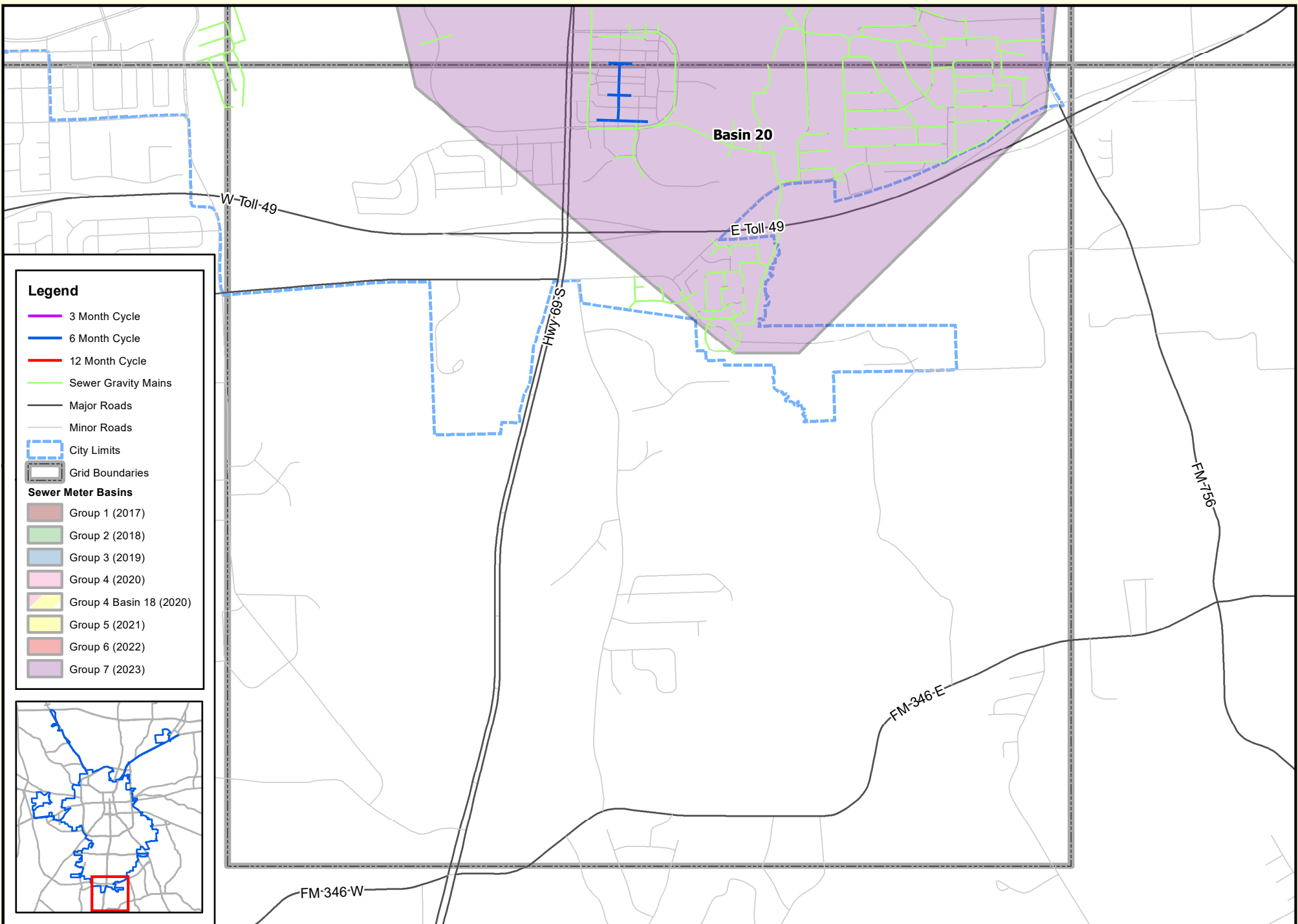


Figure G-1. Revised High Frequency Cleaning Program

Section H. Root Control Program (Paragraph 43):

Total Miles of Gravity Sewer Lines Where Root Control Activities Were Conducted

Condition assessment of mainline sewer utilizing CCTV and normal maintenance activities identified pipes with root intrusion. Reactive and/or proactive root control activities were conducted on 24.56 miles of the wastewater collection system during the 1 January 2022 through 31 December 2022 reporting period.

Means of Root Control

Mechanical root control was used by TWU during the 1 January 2022 through 31 December 2022 reporting period. TWU uses jetters, and vacuum jetters to cut and remove roots from the sewer mains.

TWU also contracted to have areas treated for chemical root control. These areas will be monitored to determine effectiveness of mechanical vs. chemical root control.

Degree of Chemical vs. Mechanical Means of Root Control

The percentage of each method of root control activity conducted during the 1 January 2022 through 31 December 2022 reporting period is shown in **Table H-1**, below.

Table H-1: Percentage of Root Control Measures Used

Means of Root Control	Miles Treated	Percentage of Total (%)
Chemical	5.56	23
Mechanical	19.00	77
Total	24.56	100

Sewer Segments Addressed

See **Table H-2** for a listing of the sewer segments – by Asset ID – where root control activities were conducted during the 1 January 2022 through 31 December 2022 reporting period. No segments were previously identified by analysis as referred to under subparagraphs 43.a or 40.d.

Table H-2: Gravity Sewer Mains with Root Control Activity

Asset ID	Asset ID	Asset ID	Asset ID
SS.GM.T0000471	SS.GM.T0001751	SS.GM.T0004123	SS.GM.T0005636
SS.GM.T0000472	SS.GM.T0001752	SS.GM.T0004208	SS.GM.T0005640
SS.GM.T0000473	SS.GM.T0001753	SS.GM.T0004209	SS.GM.T0005647
SS.GM.T0000481	SS.GM.T0001757	SS.GM.T0004232	SS.GM.T0005648
SS.GM.T0000384	SS.GM.T0002051	SS.GM.T0004390	SS.GM.T0005672
SS.GM.T0000414	SS.GM.T0002066	SS.GM.T0004391	SS.GM.T0005689
SS.GM.T0000431	SS.GM.T0002116	SS.GM.T0004392	SS.GM.T0005694
SS.GM.T0000522	SS.GM.T0002279	SS.GM.T0004452	SS.GM.T0005695
SS.GM.T0000575	SS.GM.T0002406	SS.GM.T0004494	SS.GM.T0005983
SS.GM.T0000584	SS.GM.T0002491	SS.GM.T0004593	SS.GM.T0006007
SS.GM.T0000586	SS.GM.T0002492	SS.GM.T0004634	SS.GM.T0006019
SS.GM.T0000593	SS.GM.T0002495	SS.GM.T0004635	SS.GM.T0006088
SS.GM.T0000619	SS.GM.T0002529	SS.GM.T0004636	SS.GM.T0005797
SS.GM.T0000629	SS.GM.T0002566	SS.GM.T0004742	SS.GM.T0005798
SS.GM.T0000806	SS.GM.T0002670	SS.GM.T0004743	SS.GM.T0005800
SS.GM.T0000808	SS.GM.T0002804	SS.GM.T0005763	SS.GM.T0005821
SS.GM.T0000813	SS.GM.T0002826	SS.GM.T0005767	SS.GM.T0005822
SS.GM.T0000820	SS.GM.T0003000	SS.GM.T0004781	SS.GM.T0005901
SS.GM.T0000844	SS.GM.T0003150	SS.GM.T0004834	SS.GM.T0005902
SS.GM.T0000846	SS.GM.T0003176	SS.GM.T0004893	SS.GM.T0005907
SS.GM.T0000580	SS.GM.T0003362	SS.GM.T0004899	SS.GM.T0005937
SS.GM.T0000637	SS.GM.T0003855	SS.GM.T0004971	SS.GM.T0006075
SS.GM.T0000665	SS.GM.T0003887	SS.GM.T0005041	SS.GM.T0006081
SS.GM.T0000673	SS.GM.T0004053	SS.GM.T0005113	SS.GM.T0006194
SS.GM.T0000840	SS.GM.T0004252	SS.GM.T0005156	SS.GM.T0006207
SS.GM.T0000843	SS.GM.T0004297	SS.GM.T0005163	SS.GM.T0006221
SS.GM.T0000853	SS.GM.T0004309	SS.GM.T0005192	SS.GM.T0006248
SS.GM.T0000876	SS.GM.T0004312	SS.GM.T0005194	SS.GM.T0006293
SS.GM.T0002067	SS.GM.T0003162	SS.GM.T0005198	SS.GM.T0006335
SS.GM.T0002097	SS.GM.T0003211	SS.GM.T0005249	SS.GM.T0006364
SS.GM.T0002573	SS.GM.T0003229	SS.GM.T0005250	SS.GM.T0006365
SS.GM.T0002574	SS.GM.T0003232	SS.GM.T0005251	SS.GM.T0006366
SS.GM.T0002914	SS.GM.T0003405	SS.GM.T0005314	SS.GM.T0006385
SS.GM.T0002969	SS.GM.T0003542	SS.GM.T0005315	SS.GM.T0006466
SS.GM.T0002978	SS.GM.T0003544	SS.GM.T0005316	SS.GM.T0006554
SS.GM.T0002988	SS.GM.T0003621	SS.GM.T0005317	SS.GM.T0006575
SS.GM.T0000950	SS.GM.T0003786	SS.GM.T0005320	SS.GM.T0006576
SS.GM.T0001090	SS.GM.T0003903	SS.GM.T0005322	SS.GM.T0006577
SS.GM.T0001186	SS.GM.T0003904	SS.GM.T0005365	SS.GM.T0006586
SS.GM.T0001307	SS.GM.T0003912	SS.GM.T0005379	SS.GM.T0006731
SS.GM.T0001316	SS.GM.T0003929	SS.GM.T0005398	SS.GM.T0006732
SS.GM.T0001326	SS.GM.T0003965	SS.GM.T0005490	SS.GM.T0006733
SS.GM.T0001327	SS.GM.T0004009	SS.GM.T0005499	SS.GM.T0006774
SS.GM.T0001673	SS.GM.T0004010	SS.GM.T0005527	SS.GM.T0006894
SS.GM.T0001678	SS.GM.T0004079	SS.GM.T0005528	SS.GM.T0006912
SS.GM.T0001750	SS.GM.T0004115	SS.GM.T0005574	SS.GM.T0006964

Table H-2: Gravity Sewer Mains with Root Control Activity

Asset ID	Asset ID	Asset ID	Asset ID
SS.GM.T0007070	SS.GM.T0007878	SS.GM.T0009097	SS.GM.T0013950
SS.GM.T0007073	SS.GM.T0007885	SS.GM.T0009125	SS.GM.T0007968
SS.GM.T0007118	SS.GM.T0013957	SS.GM.T0009143	SS.GM.T0014108
SS.GM.T0007119	SS.GM.T0007975	SS.GM.T0009158	SS.GM.T0014140
SS.GM.T0007204	SS.GM.T0007982	SS.GM.T0009203	SS.GM.T0014166
SS.GM.T0007211	SS.GM.T0007983	SS.GM.T0009329	SS.GM.T0014186
SS.GM.T0007212	SS.GM.T0008585	SS.GM.T0009397	SS.GM.T0014200
SS.GM.T0007213	SS.GM.T0008589	SS.GM.T0009226	SS.GM.T0014438
SS.GM.T0007214	SS.GM.T0008595	SS.GM.T0009237	SS.GM.T0014573
SS.GM.T0007216	SS.GM.T0008626	SS.GM.T0009241	SS.GM.T0014652
SS.GM.T0007221	SS.GM.T0008631	SS.GM.T0009273	SS.GM.T0014672
SS.GM.T0007258	SS.GM.T0008654	SS.GM.T0009293	SS.GM.T0014673
SS.GM.T0007267	SS.GM.T0008798	SS.GM.T0009470	SS.GM.T0014779
SS.GM.T0007268	SS.GM.T0008862	SS.GM.T0009471	SS.GM.T0014782
SS.GM.T0007308	SS.GM.T0008873	SS.GM.T0009472	SS.GM.T0014847
SS.GM.T0007309	SS.GM.T0008048	SS.GM.T0009473	SS.GM.T0014969
SS.GM.T0007310	SS.GM.T0008049	SS.GM.T0009730	SS.GM.T0015000
SS.GM.T0007311	SS.GM.T0008050	SS.GM.T0009740	SS.GM.T0015010
SS.GM.T0007320	SS.GM.T0008079	SS.GM.T0009773	SS.GM.T0015057
SS.GM.T0007321	SS.GM.T0008086	SS.GM.T0009983	SS.GM.T0015062
SS.GM.T0007356	SS.GM.T0008105	SS.GM.T0010560	SS.GM.T0015302
SS.GM.T0007391	SS.GM.T0008265	SS.GM.T0010708	SS.GM.T0015343
SS.GM.T0007401	SS.GM.T0008270	SS.GM.T0010719	SS.GM.T0015686
SS.GM.T0007425	SS.GM.T0008314	SS.GM.T0010757	SS.GM.T0015687
SS.GM.T0007460	SS.GM.T0008324	SS.GM.T0010758	SS.GM.T0015867
SS.GM.T0007502	SS.GM.T0008349	SS.GM.T0010928	SS.GM.T0015873
SS.GM.T0007530	SS.GM.T0008361	SS.GM.T0010929	SS.GM.T0015808
SS.GM.T0007531	SS.GM.T0008362	SS.GM.T0010930	SS.GM.T0015865
SS.GM.T0007536	SS.GM.T0008373	SS.GM.T0010931	
SS.GM.T0007562	SS.GM.T0008380	SS.GM.T0010935	
SS.GM.T0007563	SS.GM.T0008381	SS.GM.T0012335	
SS.GM.T0007599	SS.GM.T0008382	SS.GM.T0013086	
SS.GM.T0007600	SS.GM.T0008429	SS.GM.T0013087	
SS.GM.T0007601	SS.GM.T0008449	SS.GM.T0014994	
SS.GM.T0007602	SS.GM.T0008484	SS.GM.T0012348	
SS.GM.T0007647	SS.GM.T0008504	SS.GM.T0012374	
SS.GM.T0007648	SS.GM.T0008516	SS.GM.T0012406	
SS.GM.T0007720	SS.GM.T0008740	SS.GM.T0012427	
SS.GM.T0007721	SS.GM.T0008918	SS.GM.T0012517	
SS.GM.T0007722	SS.GM.T0008972	SS.GM.T0012895	
SS.GM.T0007723	SS.GM.T0008974	SS.GM.T0013047	
SS.GM.T0007751	SS.GM.T0009005	SS.GM.T0013190	
SS.GM.T0007770	SS.GM.T0009006	SS.GM.T0013267	
SS.GM.T0007775	SS.GM.T0009036	SS.GM.T0013336	
SS.GM.T0007776	SS.GM.T0009058	SS.GM.T0013502	
SS.GM.T0007777	SS.GM.T0009087	SS.GM.T0013835	

Section I. Completion of Condition Assessment Activities (Paragraph 60)

Total Miles of Gravity Sewer Lines Assessed

The total miles of gravity sewer lines assessed during the 1 January 2022 through 31 December 2022 reporting period was 91.4 miles.

Total Miles Assessed per Method of Inspection

The total miles of gravity sewer lines assessed per method of inspection during the 1 January 2022 through 31 December 2022 reporting period is shown in **Table I-1**.

Table I-1: Methods of Inspection Used

Method of Assessment	Miles Assessed in 2022	Miles Assessed in 2021
CCTV	103.1 (50 minimum)	91.4 (50 minimum)
Other Methods	0.0	0.0
Total	103.1 (75 minimum)	91.4 (75 minimum)

Total Number of Manholes Assessed

The total number of manholes assessed during this reporting period was 231 manholes.

Rating Scores for Mains and Manholes Assessed

Gravity sewer segments were evaluated using Step 1 – PACP quick rating during CCTV inspection in order to prioritize the analysis. The second step, analysis of inspection data, was undertaken to establish the pipe condition rating (A through E). This information will be used to prepare the Annual Condition Remedial Measures Plan, which will be submitted to the EPA and TCEQ by 1 July 2023. See **Table I-2** for gravity sewer segments and **Table I-3** for manholes assessed during the 1 January 2022 through 31 December 2022 reporting period, along with their condition ratings.

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0000308	C
SS.GM.T0000309	D
SS.GM.T0000310	D
SS.GM.T0000311	D
SS.GM.T0000312	D
SS.GM.T0000313	B
SS.GM.T0000314	B
SS.GM.T0000315	B
SS.GM.T0000316	D
SS.GM.T0000317	B
SS.GM.T0000318	B
SS.GM.T0000320	D
SS.GM.T0000321	B
SS.GM.T0000322	D
SS.GM.T0000323	B
SS.GM.T0000324	B
SS.GM.T0000325	D
SS.GM.T0000326	C
SS.GM.T0000327	D
SS.GM.T0000328	D
SS.GM.T0000329	B
SS.GM.T0000330	B
SS.GM.T0000331	B
SS.GM.T0000332	D
SS.GM.T0000333	C
SS.GM.T0000334	E
SS.GM.T0000335	B
SS.GM.T0000336	D
SS.GM.T0000337	D
SS.GM.T0000338	B
SS.GM.T0000339	B
SS.GM.T0000340	C
SS.GM.T0000341	B
SS.GM.T0000343	C
SS.GM.T0000360	B
SS.GM.T0000361	B
SS.GM.T0000362	B
SS.GM.T0000363	B
SS.GM.T0000364	B
SS.GM.T0000365	B
SS.GM.T0000366	B
SS.GM.T0000367	B
SS.GM.T0000368	B

Asset ID	Rating
SS.GM.T0000369	B
SS.GM.T0000370	B
SS.GM.T0000371	B
SS.GM.T0000372	B
SS.GM.T0000373	B
SS.GM.T0000374	B
SS.GM.T0000375	B
SS.GM.T0000376	B
SS.GM.T0000379	D
SS.GM.T0000416	D
SS.GM.T0000456	D
SS.GM.T0000457	D
SS.GM.T0000458	D
SS.GM.T0000461	B
SS.GM.T0000462	B
SS.GM.T0000464	C
SS.GM.T0000465	C
SS.GM.T0000466	C
SS.GM.T0000471	D
SS.GM.T0000472	D
SS.GM.T0000473	C
SS.GM.T0000474	D
SS.GM.T0000475	B
SS.GM.T0000476	D
SS.GM.T0000477	C
SS.GM.T0000478	D
SS.GM.T0000480	D
SS.GM.T0000481	B
SS.GM.T0000482	D
SS.GM.T0000485	B
SS.GM.T0000486	B
SS.GM.T0000487	C
SS.GM.T0000488	D
SS.GM.T0000489	B
SS.GM.T0000491	D
SS.GM.T0000492	D
SS.GM.T0000493	C
SS.GM.T0000494	C
SS.GM.T0000495	D
SS.GM.T0000496	D
SS.GM.T0000497	D
SS.GM.T0000498	C
SS.GM.T0000499	D

Asset ID	Rating
SS.GM.T0000500	B
SS.GM.T0000501	B
SS.GM.T0000502	B
SS.GM.T0000503	D
SS.GM.T0000505	C
SS.GM.T0000506	D
SS.GM.T0000507	D
SS.GM.T0000508	B
SS.GM.T0000509	C
SS.GM.T0000510	C
SS.GM.T0000511	D
SS.GM.T0000519	A
SS.GM.T0000520	D
SS.GM.T0000521	B
SS.GM.T0000523	C
SS.GM.T0016028	C
SS.GM.T0000524	D
SS.GM.T0000525	C
SS.GM.T0000526	B
SS.GM.T0000527	D
SS.GM.T0000529	B
SS.GM.T0000530	D
SS.GM.T0000531	C
SS.GM.T0000532	D
SS.GM.T0000533	B
SS.GM.T0000534	D
SS.GM.T0000535	C
SS.GM.T0000536	C
SS.GM.T0000537	C
SS.GM.T0000538	D
SS.GM.T0000539	D
SS.GM.T0000540	B
SS.GM.T0000541	D
SS.GM.T0000542	D
SS.GM.T0000558	B
SS.GM.T0000559	D
SS.GM.T0000560	B
SS.GM.T0000561	C
SS.GM.T0000562	B
SS.GM.T0000563	B
SS.GM.T0000564	B
SS.GM.T0000565	D
SS.GM.T0000566	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0000567	B
SS.GM.T0000568	B
SS.GM.T0000569	B
SS.GM.T0000570	B
SS.GM.T0000571	D
SS.GM.T0000572	B
SS.GM.T0000573	D
SS.GM.T0000574	D
SS.GM.T0000575	D
SS.GM.T0000581	D
SS.GM.T0000582	C
SS.GM.T0000583	C
SS.GM.T0000584	C
SS.GM.T0000585	D
SS.GM.T0000586	D
SS.GM.T0000587	D
SS.GM.T0000589	B
SS.GM.T0000591	B
SS.GM.T0000592	B
SS.GM.T0000593	B
SS.GM.T0000594	B
SS.GM.T0000596	C
SS.GM.T0000599	C
SS.GM.T0000600	B
SS.GM.T0000601	B
SS.GM.T0000602	D
SS.GM.T0000603	B
SS.GM.T0000604	B
SS.GM.T0000605	C
SS.GM.T0000607	C
SS.GM.T0000608	B
SS.GM.T0000609	B
SS.GM.T0000610	B
SS.GM.T0000611	C
SS.GM.T0000612	B
SS.GM.T0000616	B
SS.GM.T0000617	D
SS.GM.T0000618	D
SS.GM.T0000619	B
SS.GM.T0000620	D
SS.GM.T0000624	B
SS.GM.T0000625	B
SS.GM.T0000626	B

Asset ID	Rating
SS.GM.T0000627	B
SS.GM.T0000628	C
SS.GM.T0000629	D
SS.GM.T0000638	B
SS.GM.T0000639	B
SS.GM.T0000640	B
SS.GM.T0000641	D
SS.GM.T0000642	B
SS.GM.T0000643	D
SS.GM.T0000681	D
SS.GM.T0000752	D
SS.GM.T0000754	D
SS.GM.T0000756	D
SS.GM.T0000757	D
SS.GM.T0000758	B
SS.GM.T0000759	B
SS.GM.T0000760	D
SS.GM.T0000763	D
SS.GM.T0000765	D
SS.GM.T0000767	B
SS.GM.T0000768	D
SS.GM.T0000769	B
SS.GM.T0000770	D
SS.GM.T0000771	B
SS.GM.T0000772	C
SS.GM.T0000775	B
SS.GM.T0000776	B
SS.GM.T0000777	B
SS.GM.T0000778	C
SS.GM.T0000779	D
SS.GM.T0000781	B
SS.GM.T0000782	C
SS.GM.T0000783	C
SS.GM.T0000784	B
SS.GM.T0000785	C
SS.GM.T0000787	D
SS.GM.T0000788	D
SS.GM.T0000789	B
SS.GM.T0000791	B
SS.GM.T0000792	D
SS.GM.T0000793	D
SS.GM.T0000794	D
SS.GM.T0000795	D

Asset ID	Rating
SS.GM.T0000796	D
SS.GM.T0000797	D
SS.GM.T0000799	D
SS.GM.T0000800	B
SS.GM.T0000802	D
SS.GM.T0000806	D
SS.GM.T0000808	D
SS.GM.T0000809	B
SS.GM.T0000810	B
SS.GM.T0000811	C
SS.GM.T0000812	D
SS.GM.T0000813	D
SS.GM.T0000814	B
SS.GM.T0000815	C
SS.GM.T0000816	B
SS.GM.T0000817	B
SS.GM.T0000818	B
SS.GM.T0000820	C
SS.GM.T0000821	D
SS.GM.T0000822	D
SS.GM.T0000823	B
SS.GM.T0000824	B
SS.GM.T0000825	D
SS.GM.T0000826	C
SS.GM.T0000827	C
SS.GM.T0000837	D
SS.GM.T0000839	C
SS.GM.T0000844	C
SS.GM.T0000845	B
SS.GM.T0000846	D
SS.GM.T0000847	B
SS.GM.T0000849	D
SS.GM.T0000852	D
SS.GM.T0000853	B
SS.GM.T0000855	B
SS.GM.T0000856	C
SS.GM.T0000859	C
SS.GM.T0000860	D
SS.GM.T0000862	C
SS.GM.T0000863	D
SS.GM.T0000864	C
SS.GM.T0000865	E
SS.GM.T0000866	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0000867	D
SS.GM.T0000868	D
SS.GM.T0000869	D
SS.GM.T0000870	D
SS.GM.T0000871	B
SS.GM.T0000872	D
SS.GM.T0000873	B
SS.GM.T0000874	B
SS.GM.T0000875	D
SS.GM.T0000876	D
SS.GM.T0000877	B
SS.GM.T0000878	C
SS.GM.T0000880	D
SS.GM.T0000882	B
SS.GM.T0000883	D
SS.GM.T0000884	D
SS.GM.T0000971	B
SS.GM.T0000977	D
SS.GM.T0000978	B
SS.GM.T0000979	D
SS.GM.T0000980	D
SS.GM.T0001023	B
SS.GM.T0001067	D
SS.GM.T0001074	B
SS.GM.T0001195	C
SS.GM.T0001196	C
SS.GM.T0001257	D
SS.GM.T0001258	B
SS.GM.T0001296	B
SS.GM.T0001384	B
SS.GM.T0001385	B
SS.GM.T0001386	D
SS.GM.T0001387	C
SS.GM.T0001511	B
SS.GM.T0001512	B
SS.GM.T0001519	D
SS.GM.T0001520	D
SS.GM.T0001521	D
SS.GM.T0001522	D
SS.GM.T0001529	C
SS.GM.T0001530	C
SS.GM.T0001540	B
SS.GM.T0001541	D

Asset ID	Rating
SS.GM.T0001542	C
SS.GM.T0001543	B
SS.GM.T0001700	B
SS.GM.T0001741	B
SS.GM.T0001742	B
SS.GM.T0001743	B
SS.GM.T0001744	B
SS.GM.T0001745	B
SS.GM.T0001766	B
SS.GM.T0001767	B
SS.GM.T0001768	B
SS.GM.T0001769	B
SS.GM.T0001772	B
SS.GM.T0001790	B
SS.GM.T0001793	B
SS.GM.T0001794	B
SS.GM.T0001795	B
SS.GM.T0002009	B
SS.GM.T0002014	B
SS.GM.T0002016	D
SS.GM.T0002018	C
SS.GM.T0002019	B
SS.GM.T0002023	C
SS.GM.T0002037	D
SS.GM.T0002064	B
SS.GM.T0002067	D
SS.GM.T0002068	D
SS.GM.T0002069	B
SS.GM.T0002070	B
SS.GM.T0002071	D
SS.GM.T0002072	D
SS.GM.T0002073	B
SS.GM.T0002074	B
SS.GM.T0002075	B
SS.GM.T0002079	B
SS.GM.T0002080	B
SS.GM.T0002082	B
SS.GM.T0002084	B
SS.GM.T0002085	C
SS.GM.T0002086	D
SS.GM.T0002087	D
SS.GM.T0002088	B
SS.GM.T0002090	D

Asset ID	Rating
SS.GM.T0002091	B
SS.GM.T0002092	B
SS.GM.T0002093	B
SS.GM.T0002094	B
SS.GM.T0002096	D
SS.GM.T0002097	D
SS.GM.T0002099	B
SS.GM.T0002100	D
SS.GM.T0002102	D
SS.GM.T0002103	D
SS.GM.T0002106	D
SS.GM.T0002107	B
SS.GM.T0002108	B
SS.GM.T0002109	B
SS.GM.T0002110	D
SS.GM.T0002112	B
SS.GM.T0002113	B
SS.GM.T0002115	B
SS.GM.T0002118	D
SS.GM.T0002119	C
SS.GM.T0002120	D
SS.GM.T0002121	D
SS.GM.T0002122	D
SS.GM.T0002124	B
SS.GM.T0002125	B
SS.GM.T0002126	C
SS.GM.T0002127	B
SS.GM.T0002128	C
SS.GM.T0002129	B
SS.GM.T0002130	D
SS.GM.T0002133	E
SS.GM.T0002134	D
SS.GM.T0002135	D
SS.GM.T0002136	D
SS.GM.T0002254	C
SS.GM.T0002255	B
SS.GM.T0002289	D
SS.GM.T0002330	D
SS.GM.T0002494	B
SS.GM.T0002497	B
SS.GM.T0002499	D
SS.GM.T0002500	B
SS.GM.T0002501	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0002502	B
SS.GM.T0002503	C
SS.GM.T0002504	D
SS.GM.T0002535	C
SS.GM.T0002536	D
SS.GM.T0002537	D
SS.GM.T0002538	D
SS.GM.T0002540	C
SS.GM.T0002541	B
SS.GM.T0002542	C
SS.GM.T0002546	B
SS.GM.T0002548	B
SS.GM.T0002555	B
SS.GM.T0002568	B
SS.GM.T0002571	D
SS.GM.T0002572	D
SS.GM.T0002573	C
SS.GM.T0002574	B
SS.GM.T0002575	B
SS.GM.T0002576	B
SS.GM.T0002579	B
SS.GM.T0002580	B
SS.GM.T0002581	D
SS.GM.T0002582	C
SS.GM.T0002583	D
SS.GM.T0002584	D
SS.GM.T0002585	B
SS.GM.T0002589	C
SS.GM.T0002593	D
SS.GM.T0002602	D
SS.GM.T0002604	B
SS.GM.T0002605	B
SS.GM.T0002609	C
SS.GM.T0002611	B
SS.GM.T0002612	B
SS.GM.T0002613	D
SS.GM.T0002614	D
SS.GM.T0002615	B
SS.GM.T0002616	D
SS.GM.T0002694	B
SS.GM.T0002709	D
SS.GM.T0002712	C
SS.GM.T0002732	D

Asset ID	Rating
SS.GM.T0002806	D
SS.GM.T0002807	D
SS.GM.T0002808	B
SS.GM.T0002811	B
SS.GM.T0002812	B
SS.GM.T0002838	B
SS.GM.T0002839	D
SS.GM.T0002841	B
SS.GM.T0002867	B
SS.GM.T0002875	B
SS.GM.T0002914	C
SS.GM.T0002950	D
SS.GM.T0002967	D
SS.GM.T0002968	D
SS.GM.T0002969	D
SS.GM.T0002970	C
SS.GM.T0002971	D
SS.GM.T0002972	C
SS.GM.T0002973	B
SS.GM.T0002974	B
SS.GM.T0002975	C
SS.GM.T0002978	D
SS.GM.T0002981	B
SS.GM.T0002982	D
SS.GM.T0002983	D
SS.GM.T0002984	C
SS.GM.T0002986	B
SS.GM.T0002987	C
SS.GM.T0002988	B
SS.GM.T0002989	C
SS.GM.T0002990	D
SS.GM.T0002999	B
SS.GM.T0003001	D
SS.GM.T0003002	D
SS.GM.T0003003	B
SS.GM.T0003004	B
SS.GM.T0003005	B
SS.GM.T0003006	B
SS.GM.T0003007	D
SS.GM.T0003008	C
SS.GM.T0003010	B
SS.GM.T0003011	B
SS.GM.T0003012	D

Asset ID	Rating
SS.GM.T0003013	D
SS.GM.T0003014	B
SS.GM.T0003015	D
SS.GM.T0003016	C
SS.GM.T0003017	D
SS.GM.T0003019	D
SS.GM.T0003020	B
SS.GM.T0003021	D
SS.GM.T0003022	B
SS.GM.T0003023	B
SS.GM.T0003024	D
SS.GM.T0003025	D
SS.GM.T0003057	D
SS.GM.T0003060	D
SS.GM.T0003078	D
SS.GM.T0003079	D
SS.GM.T0003081	B
SS.GM.T0003112	B
SS.GM.T0003114	C
SS.GM.T0003128	B
SS.GM.T0003146	D
SS.GM.T0003147	B
SS.GM.T0003148	B
SS.GM.T0003150	B
SS.GM.T0003151	B
SS.GM.T0003155	C
SS.GM.T0003156	D
SS.GM.T0003157	D
SS.GM.T0003158	D
SS.GM.T0003159	E
SS.GM.T0003160	C
SS.GM.T0003164	C
SS.GM.T0003165	D
SS.GM.T0003166	D
SS.GM.T0003167	B
SS.GM.T0003168	B
SS.GM.T0003169	B
SS.GM.T0003170	B
SS.GM.T0003171	C
SS.GM.T0003172	B
SS.GM.T0003173	D
SS.GM.T0003174	C
SS.GM.T0003175	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0003176	B
SS.GM.T0003177	B
SS.GM.T0003182	C
SS.GM.T0003360	B
SS.GM.T0003362	B
SS.GM.T0003364	C
SS.GM.T0003365	C
SS.GM.T0003366	B
SS.GM.T0003367	B
SS.GM.T0003370	C
SS.GM.T0003392	D
SS.GM.T0003393	B
SS.GM.T0003401	B
SS.GM.T0003402	B
SS.GM.T0003403	B
SS.GM.T0003413	B
SS.GM.T0003416	D
SS.GM.T0003417	B
SS.GM.T0003418	B
SS.GM.T0003419	D
SS.GM.T0003421	D
SS.GM.T0003422	B
SS.GM.T0003423	D
SS.GM.T0003425	D
SS.GM.T0003426	D
SS.GM.T0003427	B
SS.GM.T0003437	D
SS.GM.T0003440	B
SS.GM.T0003444	B
SS.GM.T0003497	B
SS.GM.T0003543	D
SS.GM.T0003546	C
SS.GM.T0003547	D
SS.GM.T0003548	B
SS.GM.T0003572	D
SS.GM.T0003591	C
SS.GM.T0003599	B
SS.GM.T0003601	D
SS.GM.T0003602	C
SS.GM.T0003603	B
SS.GM.T0003605	D
SS.GM.T0003766	B
SS.GM.T0003777	D

Asset ID	Rating
SS.GM.T0003788	B
SS.GM.T0003814	B
SS.GM.T0003815	C
SS.GM.T0003835	B
SS.GM.T0003836	B
SS.GM.T0003837	B
SS.GM.T0003838	B
SS.GM.T0003839	B
SS.GM.T0003840	B
SS.GM.T0003841	C
SS.GM.T0003842	B
SS.GM.T0003843	D
SS.GM.T0003844	B
SS.GM.T0003845	D
SS.GM.T0003846	C
SS.GM.T0003847	B
SS.GM.T0003848	B
SS.GM.T0003849	B
SS.GM.T0003850	C
SS.GM.T0003851	D
SS.GM.T0003852	C
SS.GM.T0003853	D
SS.GM.T0003854	E
SS.GM.T0003855	B
SS.GM.T0003856	C
SS.GM.T0003857	D
SS.GM.T0003865	C
SS.GM.T0003866	B
SS.GM.T0003868	B
SS.GM.T0003872	D
SS.GM.T0003873	B
SS.GM.T0003876	D
SS.GM.T0003877	B
SS.GM.T0003887	D
SS.GM.T0003892	D
SS.GM.T0003933	D
SS.GM.T0003951	D
SS.GM.T0004040	D
SS.GM.T0004045	D
SS.GM.T0004046	C
SS.GM.T0004047	C
SS.GM.T0004048	B
SS.GM.T0004050	B

Asset ID	Rating
SS.GM.T0004051	D
SS.GM.T0004053	D
SS.GM.T0004054	B
SS.GM.T0004055	C
SS.GM.T0004056	C
SS.GM.T0004057	B
SS.GM.T0004058	B
SS.GM.T0004059	B
SS.GM.T0004060	B
SS.GM.T0004063	C
SS.GM.T0004064	B
SS.GM.T0004074	C
SS.GM.T0004080	B
SS.GM.T0004081	C
SS.GM.T0004085	D
SS.GM.T0004230	C
SS.GM.T0004243	D
SS.GM.T0004244	B
SS.GM.T0004245	D
SS.GM.T0004246	B
SS.GM.T0004247	B
SS.GM.T0004249	D
SS.GM.T0004250	B
SS.GM.T0004251	C
SS.GM.T0004252	C
SS.GM.T0004253	D
SS.GM.T0004255	B
SS.GM.T0004256	D
SS.GM.T0004258	B
SS.GM.T0004259	B
SS.GM.T0004260	B
SS.GM.T0004261	D
SS.GM.T0004262	D
SS.GM.T0004263	B
SS.GM.T0004264	B
SS.GM.T0004265	D
SS.GM.T0004266	D
SS.GM.T0004267	B
SS.GM.T0004268	C
SS.GM.T0004269	C
SS.GM.T0004270	C
SS.GM.T0004271	D
SS.GM.T0004272	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0004273	C
SS.GM.T0004274	B
SS.GM.T0004275	B
SS.GM.T0004277	D
SS.GM.T0004278	B
SS.GM.T0004279	B
SS.GM.T0004280	D
SS.GM.T0004281	B
SS.GM.T0004282	B
SS.GM.T0004283	B
SS.GM.T0004284	B
SS.GM.T0004285	B
SS.GM.T0004286	B
SS.GM.T0004287	C
SS.GM.T0004288	D
SS.GM.T0004289	D
SS.GM.T0004290	B
SS.GM.T0004291	D
SS.GM.T0004292	D
SS.GM.T0004293	C
SS.GM.T0004294	B
SS.GM.T0004295	C
SS.GM.T0004296	D
SS.GM.T0004297	B
SS.GM.T0004298	B
SS.GM.T0004299	B
SS.GM.T0004300	B
SS.GM.T0004301	B
SS.GM.T0004302	B
SS.GM.T0004303	B
SS.GM.T0004304	D
SS.GM.T0004305	B
SS.GM.T0004306	C
SS.GM.T0004307	D
SS.GM.T0004308	B
SS.GM.T0004309	B
SS.GM.T0004310	B
SS.GM.T0004312	B
SS.GM.T0004313	B
SS.GM.T0004314	C
SS.GM.T0004315	B
SS.GM.T0004316	C
SS.GM.T0004317	B

Asset ID	Rating
SS.GM.T0004318	B
SS.GM.T0004319	D
SS.GM.T0004320	B
SS.GM.T0004321	D
SS.GM.T0004322	B
SS.GM.T0004323	D
SS.GM.T0004324	D
SS.GM.T0004325	D
SS.GM.T0004326	B
SS.GM.T0004327	B
SS.GM.T0004328	D
SS.GM.T0004329	D
SS.GM.T0004330	B
SS.GM.T0004331	B
SS.GM.T0004333	B
SS.GM.T0004334	D
SS.GM.T0004335	B
SS.GM.T0004361	D
SS.GM.T0004362	B
SS.GM.T0004378	D
SS.GM.T0004379	D
SS.GM.T0004382	A
SS.GM.T0004383	B
SS.GM.T0004384	D
SS.GM.T0004385	D
SS.GM.T0004386	D
SS.GM.T0004387	B
SS.GM.T0004501	B
SS.GM.T0004502	D
SS.GM.T0004503	C
SS.GM.T0004504	B
SS.GM.T0004505	B
SS.GM.T0004506	B
SS.GM.T0004507	D
SS.GM.T0004508	B
SS.GM.T0004510	D
SS.GM.T0004511	B
SS.GM.T0004513	C
SS.GM.T0004514	B
SS.GM.T0004515	B
SS.GM.T0004516	D
SS.GM.T0004517	B
SS.GM.T0004518	C

Asset ID	Rating
SS.GM.T0004519	D
SS.GM.T0004520	D
SS.GM.T0004521	D
SS.GM.T0004524	D
SS.GM.T0004525	B
SS.GM.T0004527	D
SS.GM.T0004529	B
SS.GM.T0004530	B
SS.GM.T0004531	B
SS.GM.T0004532	C
SS.GM.T0004533	D
SS.GM.T0004534	D
SS.GM.T0004535	B
SS.GM.T0004536	C
SS.GM.T0004537	B
SS.GM.T0004539	B
SS.GM.T0004540	D
SS.GM.T0004542	B
SS.GM.T0004544	B
SS.GM.T0004545	B
SS.GM.T0004546	C
SS.GM.T0004547	B
SS.GM.T0004548	D
SS.GM.T0004549	B
SS.GM.T0004550	B
SS.GM.T0004551	C
SS.GM.T0004552	D
SS.GM.T0004554	D
SS.GM.T0004555	C
SS.GM.T0004556	D
SS.GM.T0004557	B
SS.GM.T0004558	B
SS.GM.T0004559	D
SS.GM.T0004561	B
SS.GM.T0004567	C
SS.GM.T0004568	D
SS.GM.T0004569	B
SS.GM.T0004573	B
SS.GM.T0004574	D
SS.GM.T0004575	D
SS.GM.T0004576	D
SS.GM.T0004577	D
SS.GM.T0004578	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0004579	B
SS.GM.T0004580	D
SS.GM.T0004581	D
SS.GM.T0004585	C
SS.GM.T0004586	B
SS.GM.T0004587	B
SS.GM.T0004588	B
SS.GM.T0004589	B
SS.GM.T0004590	D
SS.GM.T0004591	D
SS.GM.T0004592	B
SS.GM.T0004593	D
SS.GM.T0004594	C
SS.GM.T0004595	C
SS.GM.T0004596	D
SS.GM.T0004597	D
SS.GM.T0004598	B
SS.GM.T0004599	D
SS.GM.T0004600	D
SS.GM.T0004601	B
SS.GM.T0004610	B
SS.GM.T0004613	B
SS.GM.T0004614	D
SS.GM.T0004615	B
SS.GM.T0004616	C
SS.GM.T0004617	B
SS.GM.T0004618	B
SS.GM.T0004619	B
SS.GM.T0004620	D
SS.GM.T0004621	B
SS.GM.T0004624	B
SS.GM.T0004625	C
SS.GM.T0004626	B
SS.GM.T0004627	B
SS.GM.T0004628	B
SS.GM.T0004629	C
SS.GM.T0004630	D
SS.GM.T0004631	C
SS.GM.T0004634	B
SS.GM.T0004635	C
SS.GM.T0004636	B
SS.GM.T0004637	E
SS.GM.T0004638	B

Asset ID	Rating
SS.GM.T0004639	B
SS.GM.T0004640	C
SS.GM.T0004641	B
SS.GM.T0004642	B
SS.GM.T0004643	B
SS.GM.T0004644	B
SS.GM.T0004645	B
SS.GM.T0004649	B
SS.GM.T0004650	B
SS.GM.T0004651	B
SS.GM.T0004652	C
SS.GM.T0004653	B
SS.GM.T0004654	D
SS.GM.T0004655	C
SS.GM.T0004656	D
SS.GM.T0004657	C
SS.GM.T0004658	B
SS.GM.T0004659	D
SS.GM.T0004664	B
SS.GM.T0004665	B
SS.GM.T0004720	B
SS.GM.T0004721	B
SS.GM.T0004722	D
SS.GM.T0004723	B
SS.GM.T0004724	B
SS.GM.T0004725	B
SS.GM.T0004726	B
SS.GM.T0004727	B
SS.GM.T0004728	D
SS.GM.T0004729	B
SS.GM.T0004730	B
SS.GM.T0004731	C
SS.GM.T0004733	D
SS.GM.T0004734	B
SS.GM.T0004736	C
SS.GM.T0004737	B
SS.GM.T0004738	C
SS.GM.T0004739	C
SS.GM.T0004740	E
SS.GM.T0004741	D
SS.GM.T0004742	B
SS.GM.T0004743	D
SS.GM.T0004744	D

Asset ID	Rating
SS.GM.T0004745	B
SS.GM.T0004745a	D
SS.GM.T0004747	C
SS.GM.T0004748	B
SS.GM.T0004749	B
SS.GM.T0004751	B
SS.GM.T0004752	B
SS.GM.T0004756	C
SS.GM.T0004757	C
SS.GM.T0004758	D
SS.GM.T0004759	D
SS.GM.T0004760	B
SS.GM.T0004761	B
SS.GM.T0004762	B
SS.GM.T0004844	D
SS.GM.T0004902	D
SS.GM.T0004903	D
SS.GM.T0004905	B
SS.GM.T0004906	B
SS.GM.T0004907	D
SS.GM.T0004908	D
SS.GM.T0004909	C
SS.GM.T0004910	C
SS.GM.T0004911	B
SS.GM.T0004912	B
SS.GM.T0004913	B
SS.GM.T0004914	D
SS.GM.T0004915	B
SS.GM.T0004916	C
SS.GM.T0004917	A
SS.GM.T0004918	C
SS.GM.T0004926	D
SS.GM.T0004927	B
SS.GM.T0004928	C
SS.GM.T0004929	D
SS.GM.T0004930	D
SS.GM.T0004931	B
SS.GM.T0004932	D
SS.GM.T0004933	D
SS.GM.T0004934	B
SS.GM.T0004935	D
SS.GM.T0004936	C
SS.GM.T0004938	C

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0004939	A
SS.GM.T0004940	B
SS.GM.T0004942	B
SS.GM.T0004943	B
SS.GM.T0004944	B
SS.GM.T0004945	D
SS.GM.T0004946	C
SS.GM.T0004947	C
SS.GM.T0004948	B
SS.GM.T0004949	C
SS.GM.T0004950	B
SS.GM.T0004955	B
SS.GM.T0004956	B
SS.GM.T0004957	B
SS.GM.T0004958	B
SS.GM.T0004959	C
SS.GM.T0004960	B
SS.GM.T0004961	B
SS.GM.T0004962	C
SS.GM.T0004963	D
SS.GM.T0004964	D
SS.GM.T0004965	B
SS.GM.T0005000	B
SS.GM.T0005002	C
SS.GM.T0005003	D
SS.GM.T0005004	B
SS.GM.T0005005	C
SS.GM.T0005006	B
SS.GM.T0005007	C
SS.GM.T0005008	D
SS.GM.T0005009	B
SS.GM.T0005010	D
SS.GM.T0005011	C
SS.GM.T0005012	D
SS.GM.T0005013	B
SS.GM.T0005014	B
SS.GM.T0005015	D
SS.GM.T0005016	B
SS.GM.T0005017	B
SS.GM.T0005018	B
SS.GM.T0005019	B
SS.GM.T0005020	D
SS.GM.T0005021	B

Asset ID	Rating
SS.GM.T0005023	B
SS.GM.T0005024	D
SS.GM.T0005025	C
SS.GM.T0005026	B
SS.GM.T0005027	D
SS.GM.T0005028	C
SS.GM.T0005029	D
SS.GM.T0005030	C
SS.GM.T0005033	B
SS.GM.T0005080	D
SS.GM.T0005261	B
SS.GM.T0005262	D
SS.GM.T0005263	D
SS.GM.T0005265	D
SS.GM.T0005266	B
SS.GM.T0005267	C
SS.GM.T0005268	C
SS.GM.T0005269	B
SS.GM.T0005270	D
SS.GM.T0005271	B
SS.GM.T0005272	B
SS.GM.T0005275	B
SS.GM.T0005276	B
SS.GM.T0005277	B
SS.GM.T0005278	B
SS.GM.T0005279	B
SS.GM.T0005280	B
SS.GM.T0005281	B
SS.GM.T0005282	B
SS.GM.T0005283	B
SS.GM.T0005284	B
SS.GM.T0005285	B
SS.GM.T0005286	B
SS.GM.T0005287	B
SS.GM.T0005288	B
SS.GM.T0005289	B
SS.GM.T0005290	B
SS.GM.T0005291	D
SS.GM.T0005292	D
SS.GM.T0005293	B
SS.GM.T0005294	B
SS.GM.T0005295	B
SS.GM.T0005296	B

Asset ID	Rating
SS.GM.T0005297	D
SS.GM.T0005298	D
SS.GM.T0005457	B
SS.GM.T0005458	B
SS.GM.T0005459	B
SS.GM.T0005460	B
SS.GM.T0005462	D
SS.GM.T0005464	D
SS.GM.T0005465	C
SS.GM.T0005466	B
SS.GM.T0005467	B
SS.GM.T0005468	C
SS.GM.T0005469	B
SS.GM.T0005470	B
SS.GM.T0005471	B
SS.GM.T0005472	D
SS.GM.T0005473	B
SS.GM.T0005474	B
SS.GM.T0005475	B
SS.GM.T0005476	B
SS.GM.T0005477	B
SS.GM.T0005478	D
SS.GM.T0005479	B
SS.GM.T0005481	C
SS.GM.T0005483	B
SS.GM.T0005484	B
SS.GM.T0005485	B
SS.GM.T0005486	D
SS.GM.T0005684	D
SS.GM.T0005685	B
SS.GM.T0005686	B
SS.GM.T0005687	B
SS.GM.T0005688	B
SS.GM.T0005690	B
SS.GM.T0005691	D
SS.GM.T0005692	D
SS.GM.T0005693	D
SS.GM.T0005696	B
SS.GM.T0005697	B
SS.GM.T0005698	B
SS.GM.T0005701	B
SS.GM.T0005702	B
SS.GM.T0005703	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0005704	C
SS.GM.T0005705	D
SS.GM.T0005706	B
SS.GM.T0005707	D
SS.GM.T0005708	B
SS.GM.T0005709	B
SS.GM.T0005711	D
SS.GM.T0005712	C
SS.GM.T0005716	B
SS.GM.T0005717	C
SS.GM.T0005718	D
SS.GM.T0005719	C
SS.GM.T0005720	D
SS.GM.T0005721	B
SS.GM.T0005722	D
SS.GM.T0005723	B
SS.GM.T0005724	B
SS.GM.T0005725	D
SS.GM.T0005726	D
SS.GM.T0005727	D
SS.GM.T0005729	B
SS.GM.T0005731	B
SS.GM.T0005733	B
SS.GM.T0005735	D
SS.GM.T0005736	C
SS.GM.T0005737	B
SS.GM.T0005738	C
SS.GM.T0005739	B
SS.GM.T0005740	B
SS.GM.T0005741	C
SS.GM.T0005745	B
SS.GM.T0005746	D
SS.GM.T0005747	D
SS.GM.T0005748	D
SS.GM.T0005749	C
SS.GM.T0005750	C
SS.GM.T0005751	C
SS.GM.T0005752	B
SS.GM.T0005753	C
SS.GM.T0005754	B
SS.GM.T0005761	B
SS.GM.T0005763	B
SS.GM.T0005764	C

Asset ID	Rating
SS.GM.T0005765	D
SS.GM.T0005766	B
SS.GM.T0005767	D
SS.GM.T0005768	B
SS.GM.T0005769	D
SS.GM.T0005770	B
SS.GM.T0005772	C
SS.GM.T0005773	B
SS.GM.T0005774	D
SS.GM.T0005775	C
SS.GM.T0005776	D
SS.GM.T0005778	B
SS.GM.T0005779	B
SS.GM.T0005846	D
SS.GM.T0005971	D
SS.GM.T0005972	C
SS.GM.T0005973	D
SS.GM.T0005974	D
SS.GM.T0005975	D
SS.GM.T0005977	B
SS.GM.T0005979	C
SS.GM.T0005980	C
SS.GM.T0005981	D
SS.GM.T0005982	B
SS.GM.T0005983	D
SS.GM.T0005984	B
SS.GM.T0005985	B
SS.GM.T0005989	D
SS.GM.T0005990	B
SS.GM.T0005991	C
SS.GM.T0005992	B
SS.GM.T0005993	B
SS.GM.T0005994	D
SS.GM.T0005996	D
SS.GM.T0005997	D
SS.GM.T0005998	B
SS.GM.T0005999	C
SS.GM.T0006000	B
SS.GM.T0006001	B
SS.GM.T0006002	D
SS.GM.T0006003	B
SS.GM.T0006004	B
SS.GM.T0006005	B

Asset ID	Rating
SS.GM.T0006006	D
SS.GM.T0006007	B
SS.GM.T0006008	D
SS.GM.T0006009	D
SS.GM.T0006010	C
SS.GM.T0006011	C
SS.GM.T0006012	C
SS.GM.T0006018	D
SS.GM.T0006019	D
SS.GM.T0006020	B
SS.GM.T0006022	B
SS.GM.T0006023	B
SS.GM.T0006024	B
SS.GM.T0006025	B
SS.GM.T0006026	B
SS.GM.T0006088	D
SS.GM.T0006284	B
SS.GM.T0006324	D
SS.GM.T0006655	D
SS.GM.T0006656	D
SS.GM.T0006683	D
SS.GM.T0006684	B
SS.GM.T0006795	B
SS.GM.T0006814	D
SS.GM.T0006815	B
SS.GM.T0006960	C
SS.GM.T0006974	B
SS.GM.T0007129	D
SS.GM.T0007130	D
SS.GM.T0007131	C
SS.GM.T0007132	B
SS.GM.T0007178	A
SS.GM.T0007294	B
SS.GM.T0007295	B
SS.GM.T0007303	C
SS.GM.T0007304	B
SS.GM.T0007305	B
SS.GM.T0007337	B
SS.GM.T0007404	B
SS.GM.T0007408	D
SS.GM.T0007452	B
SS.GM.T0007453	B
SS.GM.T0007454	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0007458	B
SS.GM.T0007468	B
SS.GM.T0007469	B
SS.GM.T0007495	D
SS.GM.T0007561	C
SS.GM.T0007621	D
SS.GM.T0007879	B
SS.GM.T0007890	D
SS.GM.T0007963	D
SS.GM.T0007964	D
SS.GM.T0008005	B
SS.GM.T0008006	B
SS.GM.T0008007	D
SS.GM.T0008008	D
SS.GM.T0008009	B
SS.GM.T0008012	D
SS.GM.T0008014	B
SS.GM.T0008015	C
SS.GM.T0008016	D
SS.GM.T0008018	B
SS.GM.T0008019	C
SS.GM.T0008020	B
SS.GM.T0008021	B
SS.GM.T0008022	B
SS.GM.T0008026	C
SS.GM.T0008027	B
SS.GM.T0008034	B
SS.GM.T0008036	D
SS.GM.T0008037	B
SS.GM.T0008039	C
SS.GM.T0008080	C
SS.GM.T0008292	D
SS.GM.T0008293	D
SS.GM.T0008294	B
SS.GM.T0008295	D
SS.GM.T0008296	B
SS.GM.T0008297	B
SS.GM.T0008298	B
SS.GM.T0008299	C
SS.GM.T0008300	D
SS.GM.T0008301	C
SS.GM.T0008302	C
SS.GM.T0008304	B

Asset ID	Rating
SS.GM.T0008305	B
SS.GM.T0008306	B
SS.GM.T0008309	D
SS.GM.T0008310	C
SS.GM.T0008517	D
SS.GM.T0008527	D
SS.GM.T0008528	B
SS.GM.T0008529	B
SS.GM.T0008530	B
SS.GM.T0008531	C
SS.GM.T0008532	D
SS.GM.T0008533	B
SS.GM.T0008534	D
SS.GM.T0008535	C
SS.GM.T0008536	B
SS.GM.T0008537	C
SS.GM.T0008538	B
SS.GM.T0008540	D
SS.GM.T0008541	D
SS.GM.T0008542	C
SS.GM.T0008543	D
SS.GM.T0008544	B
SS.GM.T0008545	D
SS.GM.T0008546	D
SS.GM.T0008547	C
SS.GM.T0008548	B
SS.GM.T0008549	B
SS.GM.T0008552	B
SS.GM.T0008553	D
SS.GM.T0008554	D
SS.GM.T0008555	D
SS.GM.T0008556	D
SS.GM.T0008557	D
SS.GM.T0008558	B
SS.GM.T0008559	D
SS.GM.T0008560	D
SS.GM.T0008562	D
SS.GM.T0008563	C
SS.GM.T0008564	B
SS.GM.T0008565	B
SS.GM.T0008566	B
SS.GM.T0008567	C
SS.GM.T0008570	C

Asset ID	Rating
SS.GM.T0008571	B
SS.GM.T0008573	B
SS.GM.T0008574	D
SS.GM.T0008576	C
SS.GM.T0008577	B
SS.GM.T0008578	B
SS.GM.T0008579	C
SS.GM.T0008580	B
SS.GM.T0008581	D
SS.GM.T0008582	C
SS.GM.T0008583	B
SS.GM.T0008584	B
SS.GM.T0008585	B
SS.GM.T0008586	D
SS.GM.T0008587	B
SS.GM.T0008588	D
SS.GM.T0008589	C
SS.GM.T0008590	D
SS.GM.T0008591	B
SS.GM.T0008592	D
SS.GM.T0008593	C
SS.GM.T0008594	B
SS.GM.T0008595	D
SS.GM.T0008596	C
SS.GM.T0008597	D
SS.GM.T0008598	B
SS.GM.T0008599	B
SS.GM.T0008600	B
SS.GM.T0008601	B
SS.GM.T0008602	B
SS.GM.T0008603	B
SS.GM.T0008604	D
SS.GM.T0008605	B
SS.GM.T0008606	B
SS.GM.T0008619	B
SS.GM.T0008625	D
SS.GM.T0008626	D
SS.GM.T0008627	D
SS.GM.T0008631	D
SS.GM.T0008632	B
SS.GM.T0008633	D
SS.GM.T0008634	B
SS.GM.T0008635	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0008636	B
SS.GM.T0008640	B
SS.GM.T0008641	B
SS.GM.T0008644	B
SS.GM.T0008646	B
SS.GM.T0008649	C
SS.GM.T0008650	B
SS.GM.T0008651	B
SS.GM.T0008652	D
SS.GM.T0008653	B
SS.GM.T0008654	B
SS.GM.T0008655	B
SS.GM.T0008656	B
SS.GM.T0008657	C
SS.GM.T0008658	D
SS.GM.T0008661	B
SS.GM.T0008665	B
SS.GM.T0008666	B
SS.GM.T0008667	D
SS.GM.T0008668	C
SS.GM.T0008669	D
SS.GM.T0008671	D
SS.GM.T0008674	B
SS.GM.T0008675	B
SS.GM.T0008676	D
SS.GM.T0008677	B
SS.GM.T0008678	D
SS.GM.T0008679	B
SS.GM.T0008681	C
SS.GM.T0008682	D
SS.GM.T0008684	B
SS.GM.T0008686	C
SS.GM.T0008687	B
SS.GM.T0008688	D
SS.GM.T0008689	C
SS.GM.T0008690	D
SS.GM.T0008691	C
SS.GM.T0008693	D
SS.GM.T0008694	B
SS.GM.T0008695	C
SS.GM.T0008696	B
SS.GM.T0008697	B
SS.GM.T0008698	B

Asset ID	Rating
SS.GM.T0008699	B
SS.GM.T0008700	D
SS.GM.T0008701	B
SS.GM.T0008702	B
SS.GM.T0008703	B
SS.GM.T0008704	B
SS.GM.T0008705	B
SS.GM.T0008706	D
SS.GM.T0008707	B
SS.GM.T0008708	B
SS.GM.T0008709	C
SS.GM.T0008710	B
SS.GM.T0008711	C
SS.GM.T0008712	D
SS.GM.T0008713	B
SS.GM.T0008714	D
SS.GM.T0008715	B
SS.GM.T0008716	B
SS.GM.T0008722	B
SS.GM.T0008723	D
SS.GM.T0008724	D
SS.GM.T0008725	C
SS.GM.T0008726	D
SS.GM.T0008727	B
SS.GM.T0008728	B
SS.GM.T0008729	B
SS.GM.T0008730	B
SS.GM.T0008731	B
SS.GM.T0008732	B
SS.GM.T0008733	D
SS.GM.T0008734	D
SS.GM.T0008735	D
SS.GM.T0008736	B
SS.GM.T0008744	B
SS.GM.T0008745	B
SS.GM.T0008746	A
SS.GM.T0008747	B
SS.GM.T0008748	B
SS.GM.T0008749	B
SS.GM.T0008750	D
SS.GM.T0008751	B
SS.GM.T0008752	B
SS.GM.T0008753	B

Asset ID	Rating
SS.GM.T0008758	C
SS.GM.T0008759	D
SS.GM.T0008760	B
SS.GM.T0008761	B
SS.GM.T0008762	B
SS.GM.T0008763	D
SS.GM.T0008764	D
SS.GM.T0008777	C
SS.GM.T0008778	B
SS.GM.T0008779	C
SS.GM.T0008780	E
SS.GM.T0008781	C
SS.GM.T0008782	B
SS.GM.T0008783	D
SS.GM.T0008786	D
SS.GM.T0008787	C
SS.GM.T0008790	D
SS.GM.T0008791	B
SS.GM.T0008792	C
SS.GM.T0008794	B
SS.GM.T0008795	D
SS.GM.T0008796	D
SS.GM.T0008798	B
SS.GM.T0008799	B
SS.GM.T0008800	C
SS.GM.T0008801	B
SS.GM.T0008802	B
SS.GM.T0008803	B
SS.GM.T0008804	B
SS.GM.T0008805	B
SS.GM.T0008807	D
SS.GM.T0008808	B
SS.GM.T0008809	B
SS.GM.T0008810	B
SS.GM.T0008811	B
SS.GM.T0008812	B
SS.GM.T0008813	D
SS.GM.T0008849	B
SS.GM.T0008850	C
SS.GM.T0008852	B
SS.GM.T0008853	B
SS.GM.T0008854	B
SS.GM.T0008855	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0008856	B
SS.GM.T0008860	B
SS.GM.T0008861	C
SS.GM.T0008862	D
SS.GM.T0008863	D
SS.GM.T0008864	B
SS.GM.T0008865	B
SS.GM.T0008866	B
SS.GM.T0008867	C
SS.GM.T0008868	B
SS.GM.T0008869	B
SS.GM.T0008870	D
SS.GM.T0008871	C
SS.GM.T0008872	B
SS.GM.T0008873	B
SS.GM.T0008874	B
SS.GM.T0008875	C
SS.GM.T0008876	B
SS.GM.T0008878	B
SS.GM.T0008879	B
SS.GM.T0008880	D
SS.GM.T0008883	B
SS.GM.T0008884	D
SS.GM.T0008885	B
SS.GM.T0008886	D
SS.GM.T0008887	C
SS.GM.T0008888	B
SS.GM.T0008889	B
SS.GM.T0008890	D
SS.GM.T0008891	D
SS.GM.T0008892	B
SS.GM.T0008893	B
SS.GM.T0008894	D
SS.GM.T0008895	C
SS.GM.T0008896	B
SS.GM.T0008897	C
SS.GM.T0008898	B
SS.GM.T0008899	C
SS.GM.T0008902	A
SS.GM.T0008905	D
SS.GM.T0008906	B
SS.GM.T0008907	D
SS.GM.T0008908	D

Asset ID	Rating
SS.GM.T0008909	C
SS.GM.T0008910	B
SS.GM.T0008911	D
SS.GM.T0008912	C
SS.GM.T0008913	B
SS.GM.T0008914	B
SS.GM.T0008915	D
SS.GM.T0008916	C
SS.GM.T0008917	B
SS.GM.T0008919	D
SS.GM.T0008920	B
SS.GM.T0008924	B
SS.GM.T0008926	C
SS.GM.T0008927	D
SS.GM.T0008928	C
SS.GM.T0008930	B
SS.GM.T0008931	C
SS.GM.T0008932	D
SS.GM.T0008933	B
SS.GM.T0008934	B
SS.GM.T0008935	D
SS.GM.T0008936	D
SS.GM.T0008937	D
SS.GM.T0008938	C
SS.GM.T0008939	B
SS.GM.T0008941	B
SS.GM.T0008942	B
SS.GM.T0008943	B
SS.GM.T0008944	B
SS.GM.T0008945	D
SS.GM.T0008947	D
SS.GM.T0008948	B
SS.GM.T0008949	B
SS.GM.T0008950	D
SS.GM.T0008952	B
SS.GM.T0008953	D
SS.GM.T0008955	C
SS.GM.T0008957	C
SS.GM.T0008958	B
SS.GM.T0008961	C
SS.GM.T0008962	C
SS.GM.T0009057	D
SS.GM.T0009222	A

Asset ID	Rating
SS.GM.T0009284	B
SS.GM.T0009295	C
SS.GM.T0009303	C
SS.GM.T0009310	C
SS.GM.T0009311	D
SS.GM.T0009313	C
SS.GM.T0009314	B
SS.GM.T0009315	C
SS.GM.T0009316	D
SS.GM.T0009317	C
SS.GM.T0009318	D
SS.GM.T0009320	D
SS.GM.T0009321	C
SS.GM.T0009322	C
SS.GM.T0009323	B
SS.GM.T0009324	D
SS.GM.T0009325	B
SS.GM.T0009326	C
SS.GM.T0009327	C
SS.GM.T0009328	B
SS.GM.T0009329	C
SS.GM.T0009330	B
SS.GM.T0009331	B
SS.GM.T0009332	B
SS.GM.T0009333	C
SS.GM.T0009334	D
SS.GM.T0009335	D
SS.GM.T0009336	B
SS.GM.T0009337	C
SS.GM.T0009338	D
SS.GM.T0009339	B
SS.GM.T0009340	B
SS.GM.T0009341	C
SS.GM.T0009342	C
SS.GM.T0009343	C
SS.GM.T0009344	D
SS.GM.T0009345	C
SS.GM.T0009346	C
SS.GM.T0009348	C
SS.GM.T0009349	B
SS.GM.T0009350	D
SS.GM.T0009351	D
SS.GM.T0009354	D

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0009358	B
SS.GM.T0009359	B
SS.GM.T0009360	B
SS.GM.T0009361	D
SS.GM.T0009362	B
SS.GM.T0009366	B
SS.GM.T0009367	C
SS.GM.T0009373	B
SS.GM.T0009374	B
SS.GM.T0009375	B
SS.GM.T0009376	B
SS.GM.T0009392	D
SS.GM.T0009393	D
SS.GM.T0009396	D
SS.GM.T0009397	D
SS.GM.T0009398	B
SS.GM.T0009399	C
SS.GM.T0009400	B
SS.GM.T0009401	D
SS.GM.T0009402	C
SS.GM.T0009404	C
SS.GM.T0009405	B
SS.GM.T0009406	B
SS.GM.T0009407	C
SS.GM.T0009410	C
SS.GM.T0009411	D
SS.GM.T0009412	D
SS.GM.T0009413	B
SS.GM.T0009414	C
SS.GM.T0009415	D
SS.GM.T0009421	D
SS.GM.T0009422	C
SS.GM.T0009427	D
SS.GM.T0009428	B
SS.GM.T0009429	B
SS.GM.T0009430	B
SS.GM.T0009431	B
SS.GM.T0009432	B
SS.GM.T0009433	D
SS.GM.T0009434	B
SS.GM.T0009439	D
SS.GM.T0009440	B
SS.GM.T0009441	D

Asset ID	Rating
SS.GM.T0009442	B
SS.GM.T0009443	B
SS.GM.T0009444	B
SS.GM.T0009445	B
SS.GM.T0009446	B
SS.GM.T0009447	B
SS.GM.T0009448	B
SS.GM.T0009453	B
SS.GM.T0009454	B
SS.GM.T0009455	B
SS.GM.T0009456	B
SS.GM.T0009457	C
SS.GM.T0009467	D
SS.GM.T0009468	C
SS.GM.T0009566	D
SS.GM.T0009570	B
SS.GM.T0009573	B
SS.GM.T0009574	B
SS.GM.T0009575	B
SS.GM.T0009604	D
SS.GM.T0009605	B
SS.GM.T0009606	D
SS.GM.T0009668	C
SS.GM.T0009754	B
SS.GM.T0009755	B
SS.GM.T0009756	B
SS.GM.T0009757	D
SS.GM.T0009758	C
SS.GM.T0009759	B
SS.GM.T0009761	B
SS.GM.T0009762	B
SS.GM.T0009763	B
SS.GM.T0009764	B
SS.GM.T0009765	C
SS.GM.T0009766	D
SS.GM.T0009769	B
SS.GM.T0009795	B
SS.GM.T0009797	B
SS.GM.T0009811	D
SS.GM.T0009812	B
SS.GM.T0009829	B
SS.GM.T0009831	D
SS.GM.T0009833	B

Asset ID	Rating
SS.GM.T0009847	B
SS.GM.T0009849	D
SS.GM.T0009852	B
SS.GM.T0009854	B
SS.GM.T0009855	B
SS.GM.T0009856	B
SS.GM.T0009858	B
SS.GM.T0009862	D
SS.GM.T0009863	B
SS.GM.T0009890	B
SS.GM.T0009917	B
SS.GM.T0009918	B
SS.GM.T0009919	B
SS.GM.T0009922	A
SS.GM.T0009923	D
SS.GM.T0009924	A
SS.GM.T0009939	B
SS.GM.T0009940	D
SS.GM.T0009959	D
SS.GM.T0009992	B
SS.GM.T0010002	B
SS.GM.T0010030	D
SS.GM.T0010031	D
SS.GM.T0010185	B
SS.GM.T0010209	C
SS.GM.T0010375	B
SS.GM.T0010394	B
SS.GM.T0010427	B
SS.GM.T0010438	B
SS.GM.T0010558	B
SS.GM.T0010759	B
SS.GM.T0010760	A
SS.GM.T0010761	B
SS.GM.T0010762	B
SS.GM.T0010763	B
SS.GM.T0010764	A
SS.GM.T0010765	B
SS.GM.T0010767	B
SS.GM.T0010768	B
SS.GM.T0010769	B
SS.GM.T0010770	B
SS.GM.T0010771	B
SS.GM.T0010772	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0010773	B
SS.GM.T0010774	B
SS.GM.T0010775	B
SS.GM.T0010776	B
SS.GM.T0010777	B
SS.GM.T0010778	B
SS.GM.T0010779	B
SS.GM.T0010790	D
SS.GM.T0010792	B
SS.GM.T0010812	B
SS.GM.T0010851	B
SS.GM.T0010852	D
SS.GM.T0010853	D
SS.GM.T0010921	D
SS.GM.T0010925	B
SS.GM.T0010926	B
SS.GM.T0010927	B
SS.GM.T0010932	B
SS.GM.T0011001	B
SS.GM.T0011023	B
SS.GM.T0011059	B
SS.GM.T0011060	B
SS.GM.T0011061	B
SS.GM.T0011062	B
SS.GM.T0011063	B
SS.GM.T0011064	B
SS.GM.T0011065	B
SS.GM.T0011066	B
SS.GM.T0011067	B
SS.GM.T0011068	B
SS.GM.T0011071	B
SS.GM.T0011072	A
SS.GM.T0011407	B
SS.GM.T0011430	D
SS.GM.T0011432	D
SS.GM.T0011528	C
SS.GM.T0011529	B
SS.GM.T0011685	B
SS.GM.T0011728	B
SS.GM.T0011729	A
SS.GM.T0012042	B
SS.GM.T0012043	B
SS.GM.T0012044	B

Asset ID	Rating
SS.GM.T0012045	D
SS.GM.T0012046	D
SS.GM.T0012083	B
SS.GM.T0012084	B
SS.GM.T0012085	B
SS.GM.T0012086	B
SS.GM.T0012101	B
SS.GM.T0012112	B
SS.GM.T0012128	B
SS.GM.T0012303	B
SS.GM.T0012304	B
SS.GM.T0012305	B
SS.GM.T0012306	B
SS.GM.T0012307	B
SS.GM.T0012308	B
SS.GM.T0012309	B
SS.GM.T0012310	B
SS.GM.T0012313	B
SS.GM.T0012314	B
SS.GM.T0012317	B
SS.GM.T0012318	B
SS.GM.T0012319	D
SS.GM.T0012320	B
SS.GM.T0012322	B
SS.GM.T0012323	B
SS.GM.T0012324	B
SS.GM.T0012325	B
SS.GM.T0012606	C
SS.GM.T0012655	C
SS.GM.T0012656	B
SS.GM.T0012660	B
SS.GM.T0012661	B
SS.GM.T0012662	B
SS.GM.T0012663	B
SS.GM.T0012838	D
SS.GM.T0012857	C
SS.GM.T0012873	B
SS.GM.T0012874	B
SS.GM.T0012875	D
SS.GM.T0012901	B
SS.GM.T0012903	C
SS.GM.T0012905	B
SS.GM.T0012927	C

Asset ID	Rating
SS.GM.T0012928	B
SS.GM.T0012938	B
SS.GM.T0012946	B
SS.GM.T0012947	D
SS.GM.T0012963	A
SS.GM.T0012987	D
SS.GM.T0012989	B
SS.GM.T0012992	B
SS.GM.T0012996	D
SS.GM.T0013010	D
SS.GM.T0013012	D
SS.GM.T0013021	B
SS.GM.T0013086	D
SS.GM.T0013087	D
SS.GM.T0013124	B
SS.GM.T0013125	B
SS.GM.T0013126	B
SS.GM.T0013151	D
SS.GM.T0013201	D
SS.GM.T0013202	B
SS.GM.T0013206	D
SS.GM.T0013208	B
SS.GM.T0013211	D
SS.GM.T0013212	B
SS.GM.T0013213	B
SS.GM.T0013215	C
SS.GM.T0013227	B
SS.GM.T0013355	B
SS.GM.T0013364	D
SS.GM.T0013368	B
SS.GM.T0013381	B
SS.GM.T0013413	B
SS.GM.T0013426	D
SS.GM.T0013430	D
SS.GM.T0013474	B
SS.GM.T0013476	B
SS.GM.T0013477	B
SS.GM.T0013478	B
SS.GM.T0013479	B
SS.GM.T0013480	B
SS.GM.T0013493	D
SS.GM.T0013549	D
SS.GM.T0013552	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0013583	D
SS.GM.T0013584	B
SS.GM.T0013620	B
SS.GM.T0013621	B
SS.GM.T0013622	A
SS.GM.T0013623	A
SS.GM.T0013624	A
SS.GM.T0013625	A
SS.GM.T0013626	A
SS.GM.T0013627	A
SS.GM.T0013628	A
SS.GM.T0013629	A
SS.GM.T0013632	A
SS.GM.T0013633	B
SS.GM.T0013634	A
SS.GM.T0013635	A
SS.GM.T0013636	D
SS.GM.T0013666	B
SS.GM.T0013709	A
SS.GM.T0013779	D
SS.GM.T0013824	B
SS.GM.T0013888	C
SS.GM.T0013889	C
SS.GM.T0013890	B
SS.GM.T0013891	C
SS.GM.T0013892	B
SS.GM.T0013903	B
SS.GM.T0013959	D
SS.GM.T0013962	D
SS.GM.T0013963	B
SS.GM.T0013964	B
SS.GM.T0013973	B
SS.GM.T0013974	A
SS.GM.T0013975	A
SS.GM.T0013976	C
SS.GM.T0013977	A
SS.GM.T0013978	A
SS.GM.T0013979	A
SS.GM.T0013980	A
SS.GM.T0013981	A
SS.GM.T0014109	A
SS.GM.T0014136	B
SS.GM.T0014147	C

Asset ID	Rating
SS.GM.T0014158	C
SS.GM.T0014189	C
SS.GM.T0014197	C
SS.GM.T0014198	D
SS.GM.T0014231	B
SS.GM.T0014232	B
SS.GM.T0014250	B
SS.GM.T0014251	D
SS.GM.T0014265	A
SS.GM.T0014301	B
SS.GM.T0014302	B
SS.GM.T0014303	B
SS.GM.T0014304	B
SS.GM.T0014305	C
SS.GM.T0014306	C
SS.GM.T0014307	C
SS.GM.T0014308	C
SS.GM.T0014317	A
SS.GM.T0014318	A
SS.GM.T0014319	A
SS.GM.T0014341	B
SS.GM.T0014342	A
SS.GM.T0014343	B
SS.GM.T0014345	A
SS.GM.T0014346	A
SS.GM.T0014518	B
SS.GM.T0014519	B
SS.GM.T0014523	B
SS.GM.T0014533	B
SS.GM.T0014554	B
SS.GM.T0014555	B
SS.GM.T0014556	D
SS.GM.T0014646	D
SS.GM.T0014798	B
SS.GM.T0014799	B
SS.GM.T0014800	B
SS.GM.T0014801	B
SS.GM.T0014815	C
SS.GM.T0014816	C
SS.GM.T0014817	A
SS.GM.T0014818	A
SS.GM.T0014819	A
SS.GM.T0014820	B

Asset ID	Rating
SS.GM.T0014821	B
SS.GM.T0014823	B
SS.GM.T0014824	A
SS.GM.T0014826	A
SS.GM.T0014827	A
SS.GM.T0014828	A
SS.GM.T0014829	A
SS.GM.T0014830	A
SS.GM.T0014831	A
SS.GM.T0014832	B
SS.GM.T0014833	D
SS.GM.T0014834	B
SS.GM.T0014836	D
SS.GM.T0014855	D
SS.GM.T0014858	D
SS.GM.T0014859	B
SS.GM.T0014872	D
SS.GM.T0014894	D
SS.GM.T0014971	B
SS.GM.T0014972	B
SS.GM.T0014979	B
SS.GM.T0014980	B
SS.GM.T0014989	C
SS.GM.T0014990	D
SS.GM.T0014991	D
SS.GM.T0014992	D
SS.GM.T0014993	D
SS.GM.T0014994	B
SS.GM.T0014996	A
SS.GM.T0014997	B
SS.GM.T0014998	C
SS.GM.T0014999	B
SS.GM.T0015001	A
SS.GM.T0015012	B
SS.GM.T0015013	D
SS.GM.T0015014	B
SS.GM.T0015022	B
SS.GM.T0015092	B
SS.GM.T0015099	D
SS.GM.T0015111	A
SS.GM.T0015112	B
SS.GM.T0015113	D
SS.GM.T0015127	B

Table I-2: Gravity Sewer Mains Ratings, Group 6

Asset ID	Rating
SS.GM.T0015128	D
SS.GM.T0015129	A
SS.GM.T0015132	A
SS.GM.T0015136	A
SS.GM.T0015137	A
SS.GM.T0015161	A
SS.GM.T0015162	A
SS.GM.T0015249	A
SS.GM.T0015250	A
SS.GM.T0015251	A
SS.GM.T0015387	B
SS.GM.T0015397	A
SS.GM.T0015398	A
SS.GM.T0015450	B
SS.GM.T0015451	B
SS.GM.T0015452	B
SS.GM.T0015454	B
SS.GM.T0015455	B
SS.GM.T0015456	D
SS.GM.T0015457	B
SS.GM.T0015458	D
SS.GM.T0015459	D
SS.GM.T0015463	B
SS.GM.T0015464	B
SS.GM.T0015465	B
SS.GM.T0015466	B
SS.GM.T0015467	B
SS.GM.T0015468	B
SS.GM.T0015469	A
SS.GM.T0015531	D
SS.GM.T0015538	D
SS.GM.T0015591	C
SS.GM.T0015599	D
SS.GM.T0015627	B
SS.GM.T0015680	B
SS.GM.T0015688	C
SS.GM.T0015701	C
SS.GM.T0015735	A
SS.GM.T0015736	A
SS.GM.T0015737	B
SS.GM.T0015749	C
SS.GM.T0015751	A
SS.GM.T0015752	A

Asset ID	Rating
SS.GM.T0015755	B
SS.GM.T0015756	A
SS.GM.T0015757	C
SS.GM.T0015760	D
SS.GM.T0015761	D
SS.GM.T0015762	B
SS.GM.T0015764	A
SS.GM.T0015766	E
SS.GM.T0015767	B
SS.GM.T0015768	B
SS.GM.T0015769	C
SS.GM.T0015770	B
SS.GM.T0015771	B
SS.GM.T0015772	B
SS.GM.T0015773	D
SS.GM.T0015774	A
SS.GM.T0015775	B
SS.GM.T0015777	B
SS.GM.T0015778	B
SS.GM.T0015779	B
SS.GM.T0015782	D
SS.GM.T0015783	B
SS.GM.T0015784	C
SS.GM.T0015785	B
SS.GM.T0015786	A
SS.GM.T0015787	A
SS.GM.T0015788	A
SS.GM.T0015789	A
SS.GM.T0015790	C
SS.GM.T0015791	C
SS.GM.T0015792	D
SS.GM.T0015793	C
SS.GM.T0015806	A
SS.GM.T0015814	B
SS.GM.T0015850	A
SS.GM.T0015855	D
SS.GM.T0015856	D
SS.GM.T0015860	A
SS.GM.T0015861	B
SS.GM.T0015867	D
SS.GM.T0015869	D
SS.GM.T0015870	B
SS.GM.T0015871	B

Asset ID	Rating
SS.GM.T0015872	C
SS.GM.T0015873	B
SS.GM.T0015880	B
SS.GM.T0015882	B
SS.GM.T0015883	B
SS.GM.T0015890	B
SS.GM.T0015900	C
SS.GM.T0015901	B
SS.GM.T0015936	B
SS.GM.T0015851	B

Table I-3: Manhole Ratings, Group 6

Asset ID	Rating	Basin	Address
SSMHT0013511	A	1	13488 US HWY 69 N
SSMHT0015640	A	1	8404 MILITARY DR
SSMHT0015641	B	1	8404 MILITARY DR
SSMHT0016095	B	1	8404 MILITARY DR
SSMHT0016161	B	1	8404 MILITARY DR
SSMHT0016167	B	1	8404 MILITARY DR
SSMHT0016168	A	1	8404 MILITARY DR
SSMHT0000972	D	2	NONE COUNTY RD 427
SSMHT0000981	D	2	NONE US HWY 69
SSMHT0000998	X	2	2811 PUBLIC RD
SSMHT0001247	C	2	1630 W NW LOOP 323
SSMHT0002365	X	2	2202 W NW LOOP 323
SSMHT0002745	B	2	1615 W VANCE ST
SSMHT0007524	D	2	7891 TX-110
SSMHT0007527	C	2	7841 TX-110
SSMHT0007560	D	2	NONE COUNTY RD 427
SSMHT0007641	X	4	NONE SPUR 164
SSMHT0014306	C	4	10395 W LAKESHORE DR
SSMHT0014945	B	4	12550 POLLAN ST
SSMHT0015645	D	4	NONE OLD NEW HARMONY RD
SSMHT0015807	C	4	12036 STATE HWY 64
SSMHT0001176	C	5	3600 BLK BELLWOD RD
SSMHT0002052	B	5	3106 WALTON RD
SSMHT0002067	B	5	1290 S SW LOOP 323
SSMHT0002145	C	5	847 CLARK ST
SSMHT0002146	A	5	919 TUBBS ST
SSMHT0002168	C	5	3122 MOOREHEAD ST
SSMHT0002171	B	5	2614 MADISON ST
SSMHT0002280	C	5	1290 S SW LOOP 323
SSMHT0002281	C	5	1290 S SE LOOP 323
SSMHT0009491	B	5	847 CLARK ST
SSMHT0015294	X	5	3111 SEATON ST
SSMHT0015875	C	5	1290 S SW LOOP 323
SSMHT0015889	A	5	2801 S SW LOOP 323
SSMHT0015945	D	5	3915 S SW LOOP 323
SSMHT0014507	B	6	11041 SPUR 164
SSMHT0015550	B	6	11407 LINDSEY GDN
SSMHT0015551	B	6	11437 WINDSOR PK DR
SSMHT0015552	D	6	11443 LINDSEY GDN DR
SSMHT0015553	B	6	11437 WINDSOR PK DR
SSMHT0015554	B	6	11421 WINDSOR PK DR
SSMHT0015555	B	6	11409 WINDSOR PK DR

Table I-3: Manhole Ratings, Group 6

Asset ID	Rating	Basin	Address
SSMHT0015556	B	6	11409 WINDSOR PK DR
SSMHT0015864	A	6	12783 LINDSEY XING
SSMHT0015865	B	6	12783 LINDSEY XING
SSMHT0015876	B	6	12734 COUNTY RD 1125
SSMHT0015877	X	6	NONE NOBLE YOUNG BLVD
SSMHT0015878	B	6	NONE NOBLE YOUNG BLVD
SSMHT0015879	B	6	NONE NOBLE YOUNG BLVD
SSMHT0015880	B	6	NONE NOBLE YOUNG BLVD
SSMHT0015881	B	6	NONE NOBLE YOUNG BLVD
SSMHT0015891	B	6	NONE NOBLE YOUNG BLVD
SSMHT0015892	B	6	12783 LINDSEY XING
SSMHT0015912	C	6	12558 TX-364 SPUR
SSMHT0015913	C	6	12558 TX-364 SPUR
SSMHT0015951	A	6	164 GREENBRIAR RD
SSMHT0015952	B	6	12724 MEADOWBROOK DR
SSMHT0015953	B	6	11305 LINDSEY GDN DR
SSMHT0015954	B	6	12746 MEADOWBROOK DR
SSMHT0015955	B	6	12728 MEADOWBROOK DR
SSMHT0015956	B	6	12746 MEADOWCREEK DR
SSMHT0015957	B	6	12746 MEADOWBROOK DR
SSMHT0015958	B	6	11443 WINDSOR PK DR
SSMHT0015960	A	6	11473 LINDSEY GDN DR
SSMHT0015961	C	6	11505 LINDSEY GDN DR
SSMHT0015962	B	6	11519 LINDSEY GDN DR
SSMHT0015963	B	6	11449 LINDSEY GDN DR
SSMHT0015964	C	6	11451 WINDSOR PK DR
SSMHT0015965	C	6	11537 LINDSEY GDN DR
SSMHT0015966	C	6	11537 LINDSEY GDN DR
SSMHT0015967	B	6	11442 WINDSOR DR
SSMHT0015968	X	6	11442 WINDSOR DR
SSMHT0015969	B	6	11442 WINDSOR PK DR
SSMHT0015970	B	6	12783 LINDSEY XING
SSMHT0015971	A	6	11531 LINDSEY GDN DR
SSMHT0015972	B	6	12734 COUNTY RD 1125
SSMHT0015973	X	6	12734 COUNTY RD 1125
SSMHT0015977	C	6	12783 LINDSEY XING
SSMHT0015978	B	6	12783 LINDSEY XING
SSMHT0015979	B	6	12746 MEADOWBROOK DR
SSMHT0015980	B	6	11041 SPUR 164
SSMHT0015981	C	6	11041 SPUR 164
SSMHT0015982	B	6	12746 MEADOWBROOK DR
SSMHT0015983	B	6	11041 SPUR 164

Table I-3: Manhole Ratings, Group 6

Asset ID	Rating	Basin	Address
SSMHT0015984	B	6	11041 SPUR 164
SSMHT0015985	X	6	11041 SPUR 164
SSMHT0015986	C	6	12746 MEADOWBROOK DR
SSMHT0015987	B	6	11041 SPUR 164
SSMHT0015988	B	6	12746 MEADOWBROOK DR
SSMHT0015989	B	6	12734 COUNTY RD
SSMHT0015990	C	6	12734 COUNTY RD
SSMHT0015991	C	6	12558 TX-364 SPUR
SSMHT0015992	B	6	12734 COUNTY RD
SSMHT0016090	B	6	NONE NOBLE YOUNG BLVD
SSMHT0016091	B	6	NONE NOBLE YOUNG BLVD
SSMHT0016092	B	6	NONE NOBLE YOUNG BLVD
SSMHT0016093	D	6	NONE NOBLE YOUNG BLVD
SSMHT0000965	X	7	2630 LAKEVIEW RD
SSMHT0001011	C	7	115 JORDAN PLAZA BLVD
SSMHT0001101	B	7	3606 VAN HWY
SSMHT0001121	A	7	NONE STATEHWY 110
SSMHT0001997	C	7	2901 SHAFFER LN
SSMHT0007653	X	7	4802 VAN HWY
SSMHT0014728	B	7	3853 STATE HWY 64
SSMHT0015276	D	8	2926 GARDENVALLEY RD
SSMHT0004575	X	13	310 N FRANK AVE
SSMHT0004758	C	13	815 E 1ST ST
SSMHT0007099	B	13	4901 KINSEY DR
SSMHT0011085	B	13	312 E. 4TH ST.
SSMHT0015840	B	13	502 VICTORY DR.
SSMHT0015841	B	13	502 VICTORY DR.
SSMHT0015850	B	13	206 E. 4TH ST.
SSMHT0000734	B	14	1900 OLD OMEN RD
SSMHT0004379	X	14	NONE E COMMERCE ST
SSMHT0005740	D	14	1918 E EARLE ST
SSMHT0006675	X	14	2613 E 5TH ST
SSMHT0007659	D	14	9860 CR 274
SSMHT0011575	B	14	2401 S SE LOOP 323
SSMHT0012210	B	14	1602 S SE LOOP 323
SSMHT0012213	X	14	3115 E 5TH ST
SSMHT0014487	X	14	1918 E EARLE ST
SSMHT0014559	B	14	10659 HWY 64 E
SSMHT0014560	B	14	10659 STATE HWY 64
SSMHT0014561	B	14	10659 HWY 64 E
SSMHT0014562	B	14	10659 HWY 64 E
SSMHT0014563	A	14	10659 HWY 64 E

Table I-3: Manhole Ratings, Group 6

Asset ID	Rating	Basin	Address
SSMHT0014565	B	14	10659 STATE HWY 64
SSMHT0014834	B	14	3992 MOBLEY LN
SSMHT0015855	A	14	3047 E 5TH ST
SSMHT0015856	B	14	3055 E 5TH ST
SSMHT0015857	B	14	3115 E 5TH ST
SSMHT0015858	B	14	9860 CR 274
SSMHT0015859	B	14	10659 HWY 64 E
SSMHT0015860	B	14	3992 MOBLEY LN
SSMHT0015861	B	14	3992 MOBLEY LN
SSMHT0015862	B	14	3992 MOBLEY LN
SSMHT0015863	A	14	2401 S SE LOOP 323
SSMHT0015866	B	14	2209 E ERWIN ST
SSMHT0015974	C	14	1634 OLD OMEN RD
SSMHT0015975	A	14	8936 COUNTY RD 273
SSMHT0015976	B	14	9048 CR 273
SSMHT0001480	B	16	2010 HOLLYCREEK DR
SSMHT0003548	C	17	818 SPRING CREEK DR
SSMHT0003597	D	17	5812 SPRINGCREEK DR
SSMHT0003598	B	17	818 CHIMNEY ROCK DR
SSMHT0003825	C	17	6801 S BROADWAY AVE
SSMHT0014360	D	17	3500 S VINE AVE
SSMHT0014361	B	17	3500 S VINE AVE
SSMHT0014662	D	17	5701 S BROADWAY AVE
SSMHT0014697	C	17	818 CHIMNEY ROCK DR
SSMHT0015278	B	17	1744 AUSTIN DR
SSMHT0015480	C	17	6080 CREEKSIDE CIR
SSMHT0015638	C	17	818 W RIECK RD
SSMHT0015639	X	17	818 W RIECK RD
SSMHT0015672	B	17	1409 ROYAL OAK DR
SSMHT0015739	C	17	3001UNIVERSITY BLVD
SSMHT0015800	B	17	3515 STAR ROAD
SSMHT0015842	X	17	7135 TURNBERRY CIR
SSMHT0015843	B	17	8316 COLUMBIA DR
SSMHT0015844	B	17	5701 S BROADWAY AVE
SSMHT0015845	X	17	5701 S BROADWAY AVE
SSMHT0015846	B	17	500 ROBERT E LEE DR
SSMHT0015847	B	17	500 ROBERT E LEE DR
SSMHT0015848	B	17	500 ROBERT E LEE DR
SSMHT0015849	B	17	206 E. 4TH ST.
SSMHT0015852	D	17	818 CHIMNEY DR
SSMHT0015893	X	17	1001 W. GRANDE BLVD.
SSMHT0015894	X	17	1001 W. GRANDE BLVD.

Table I-3: Manhole Ratings, Group 6

Asset ID	Rating	Basin	Address
SSMHT0015895	C	17	1001 W. GRANDE BLVD.
SSMHT0005326	E	18	5505 NEW COPELAND RD.
SSMHT0005327	D	18	5505 NEW COPELAND RD.
SSMHT0005328	D	18	5505 NEW COPELAND RD.
SSMHT0005443	B	18	6125 PALUXY DR
SSMHT0005538	X	18	1709 EVERGLADES DR
SSMHT0007986	B	18	1920 STONEGATE BLVD
SSMHT0010878	X	18	4401 S BROADWAY AVE
SSMHT0013501	X	18	8889 PLEASANT HILL CIR.
SSMHT0014315	C	18	4601 S BROADWAY AVE
SSMHT0015071	X	18	4200 OLD OMEN RD
SSMHT0015072	X	18	4200 OLD OMEN RD
SSMHT0015073	X	18	4200 OLD OMEN RD
SSMHT0015152	X	18	4100 S BROADWAY AVE
SSMHT0015240	B	18	3710 WYNNWOOD DR
SSMHT0015279	C	18	5804 NEW COPELAND RD
SSMHT0015309	C	18	1810 E SE LOOP 323
SSMHT0015477	B	18	NONE COUNTY RD 2120
SSMHT0015479	C	18	1805 OVERBROOK DR
SSMHT0015481	D	18	1909 SHILOH RD
SSMHT0015482	B	18	1909 SHILOH RD
SSMHT0015628	B	18	5800 NEW COPELAND RD
SSMHT0015636	X	18	5800 NEW COPELAND RD
SSMHT0015637	X	18	5800 NEW COPELAND RD
SSMHT0015646	D	18	1427 PETTIT DR
SSMHT0015715	C	18	4111 E SOUTHEAST LOOP 323
SSMHT0015716	B	18	5910 GRAEMONT BLVD
SSMHT0015717	D	18	1930 STONELEAF DR
SSMHT0015720	X	18	1828 E SE LOOP 323
SSMHT0015721	C	18	2209 VILLA DR
SSMHT0015725	X	18	3301 GOLDEN RD
SSMHT0015726	X	18	3303 TROUP HWY
SSMHT0015727	C	18	3303 TROUP HWY
SSMHT0015728	B	18	2025 DRESSAGE LN
SSMHT0015729	X	18	6033 GRAEMONT BLVD
SSMHT0015730	B	18	3000 BLK NICHOLSON DR
SSMHT0015731	B	18	3060 STONEGATE BLVD
SSMHT0015732	B	18	6141 PALUXY DR
SSMHT0015733	D	18	4211 COLINA TRL
SSMHT0015734	B	18	3593 E GRANDE BLVD
SSMHT0015740	B	18	1920 STONEGATE BLVD
SSMHT0015741	A	18	1920 STONEGATE BLVD

Table I-3: Manhole Ratings, Group 6

Asset ID	Rating	Basin	Address
SSMHT0015742	B	18	1920 STONEGATE BLVD
SSMHT0015743	B	18	1920 STONEGATE DR
SSMHT0015763	X	18	417 BOYD LN
SSMHT0015767	B	18	4601 S BROADWAY AVE
SSMHT0015768	B	18	4601 S BROADWAY AVE
SSMHT0015799	B	18	1930 STONELEAF DR
SSMHT0015851	X	18	3904 TROUP HWY
SSMHT0015867	B	18	3530 S CAMERON AVE
SSMHT0015868	B	18	1607 TROUP HWY
SSMHT0015869	A	18	2035 OLD TROUP HWY
SSMHT0015870	C	18	5615 TROUP HWY
SSMHT0015871	X	18	5609 TROUP HWY
SSMHT0016094	B	18	2035 OLDTROUP HWY
SSMHT0003414	B	19	404 WOODLANDHILLS DR
SSMHT0006066	D	21	5050 TROUP HWY
SSMHT0015738	C	21	3402 RIDGE BLUFF CIR
SSMHT0015744	C	21	5050 TROUP HWY
SSMHT0015745	X	21	2904 SPEACIALTY DR
SSMHT0015746	D	21	5050 TROUP HWY
SSMHT0015883	D	21	3632 SHILOH RD
SSMHT0015910	D	21	2801 CALLOWAY RD

Maps of Condition Assessment Results

See **Figure I-1** depicting the location of assets assessed during the 1 January 2022 through 31 December 2022 reporting period and their condition assessment results.

Sewer Segments Rated as Category D or E and/or Manholes Rated as Category D or E

The number of gravity sewer segments rated as either category D or E, and/or the number of manholes rated as either category D or E during the 1 January 2022 through 31 December 2022 reporting period, are displayed in **Table I-4**, below.

Table I-4: Sewer Segment and Manhole Ratings

Asset	Number Rated Category D	Number Rated Category E
Sewer Segments	599	9
Manholes	25	1

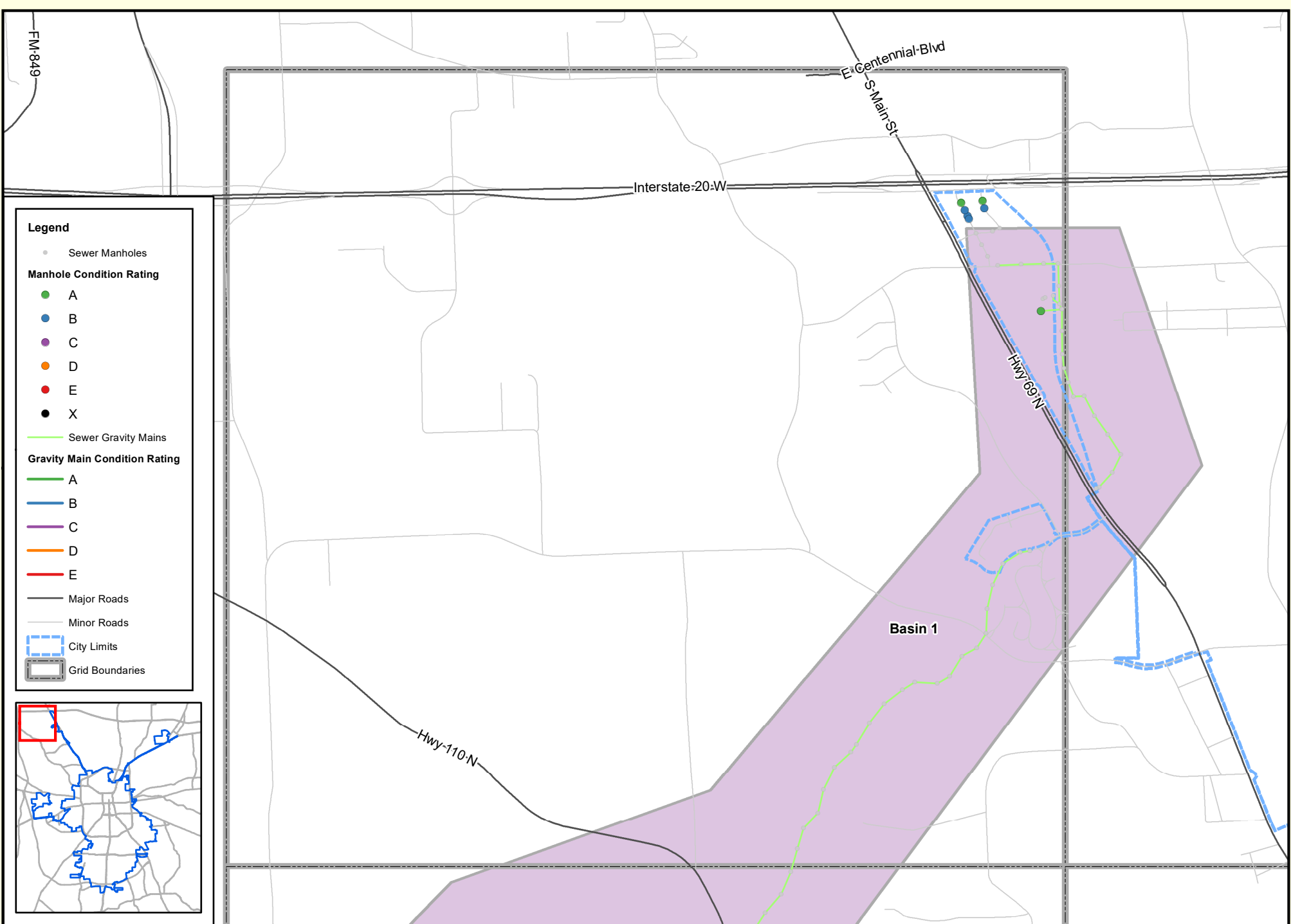


Figure I-1. Condition Assessment Ratings - Year 6

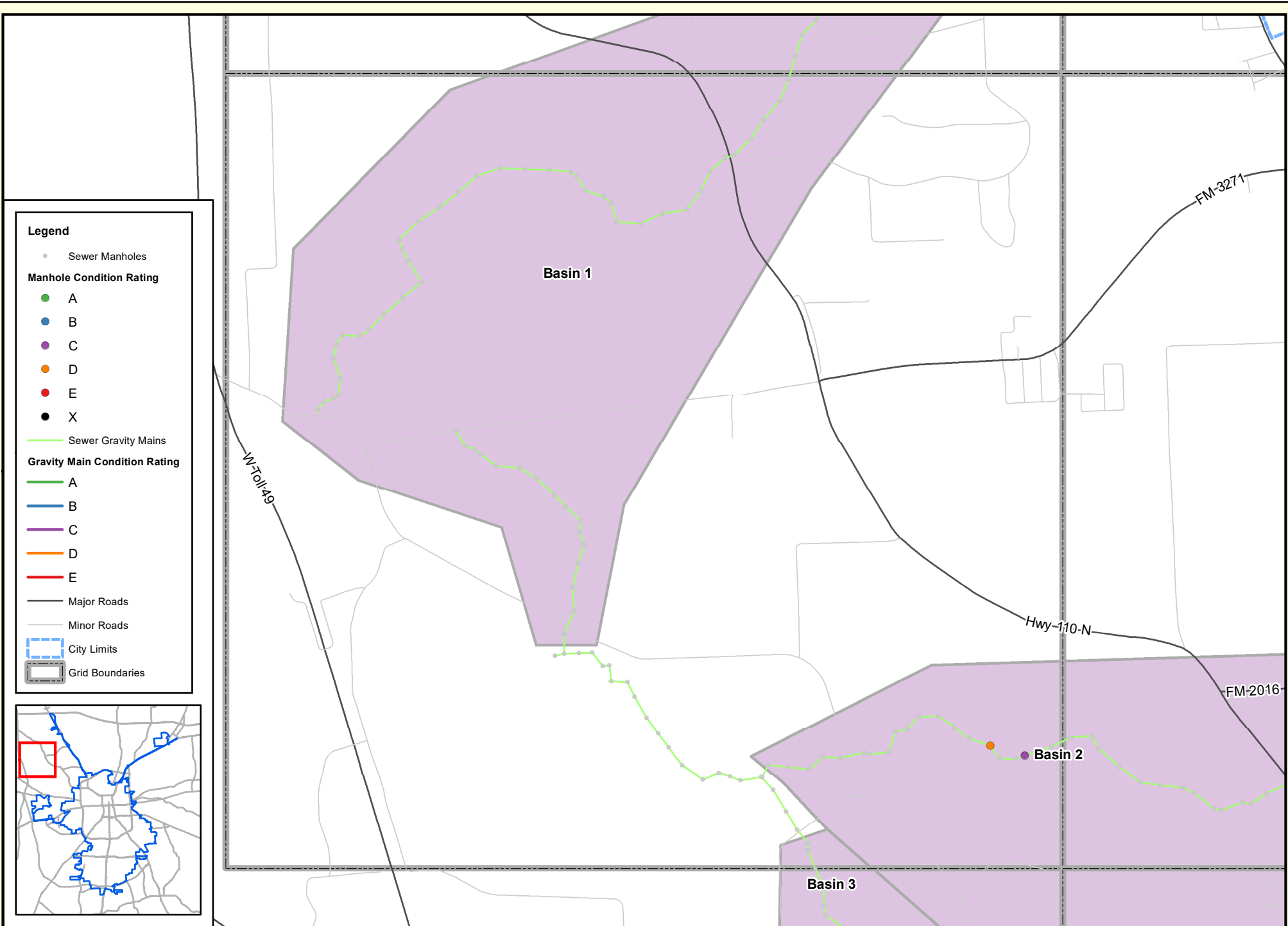


Figure I-1. Condition Assessment Ratings - Year 6

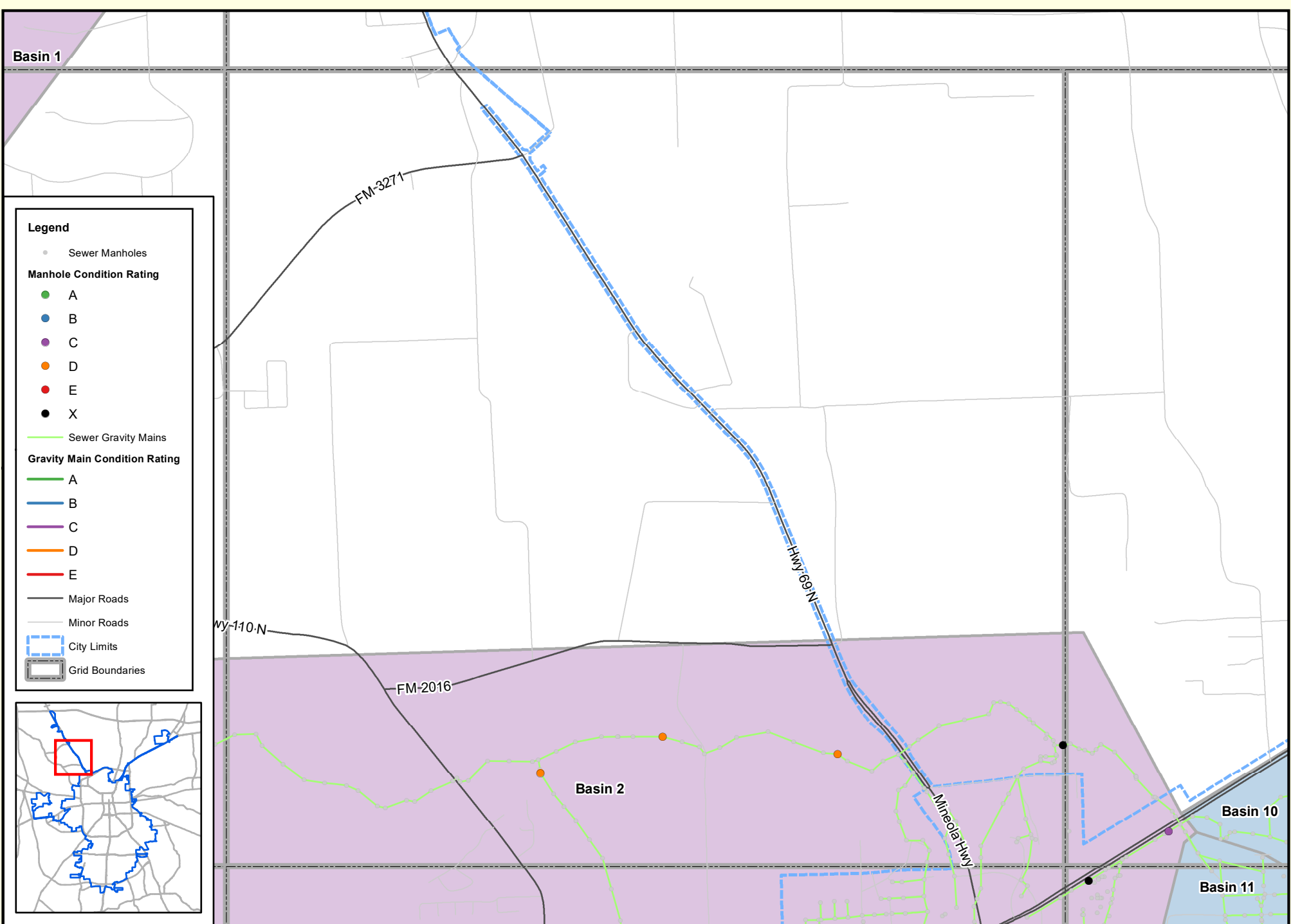


Figure I-1. Condition Assessment Ratings - Year 6

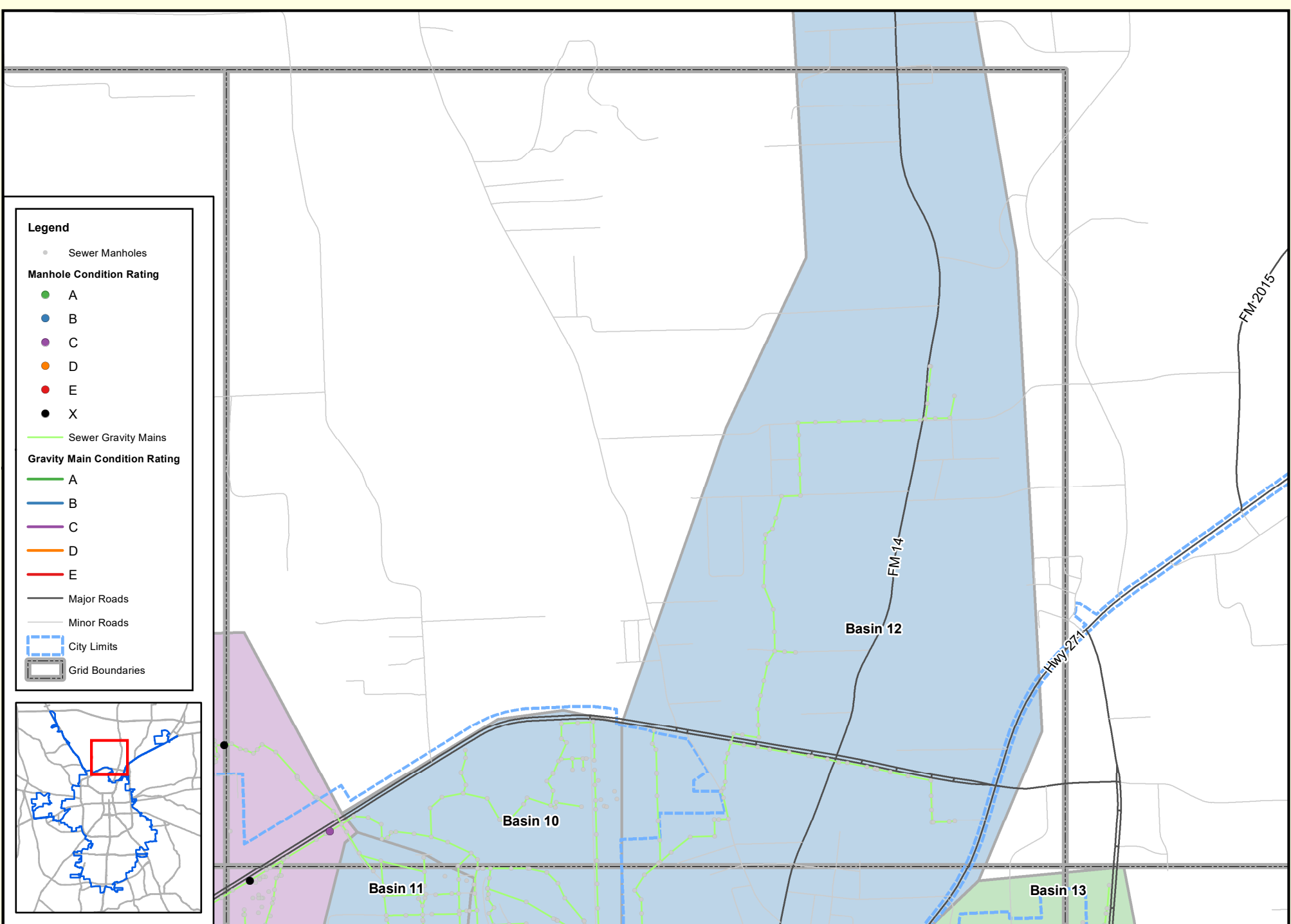


Figure I-1. Condition Assessment Ratings - Year 6

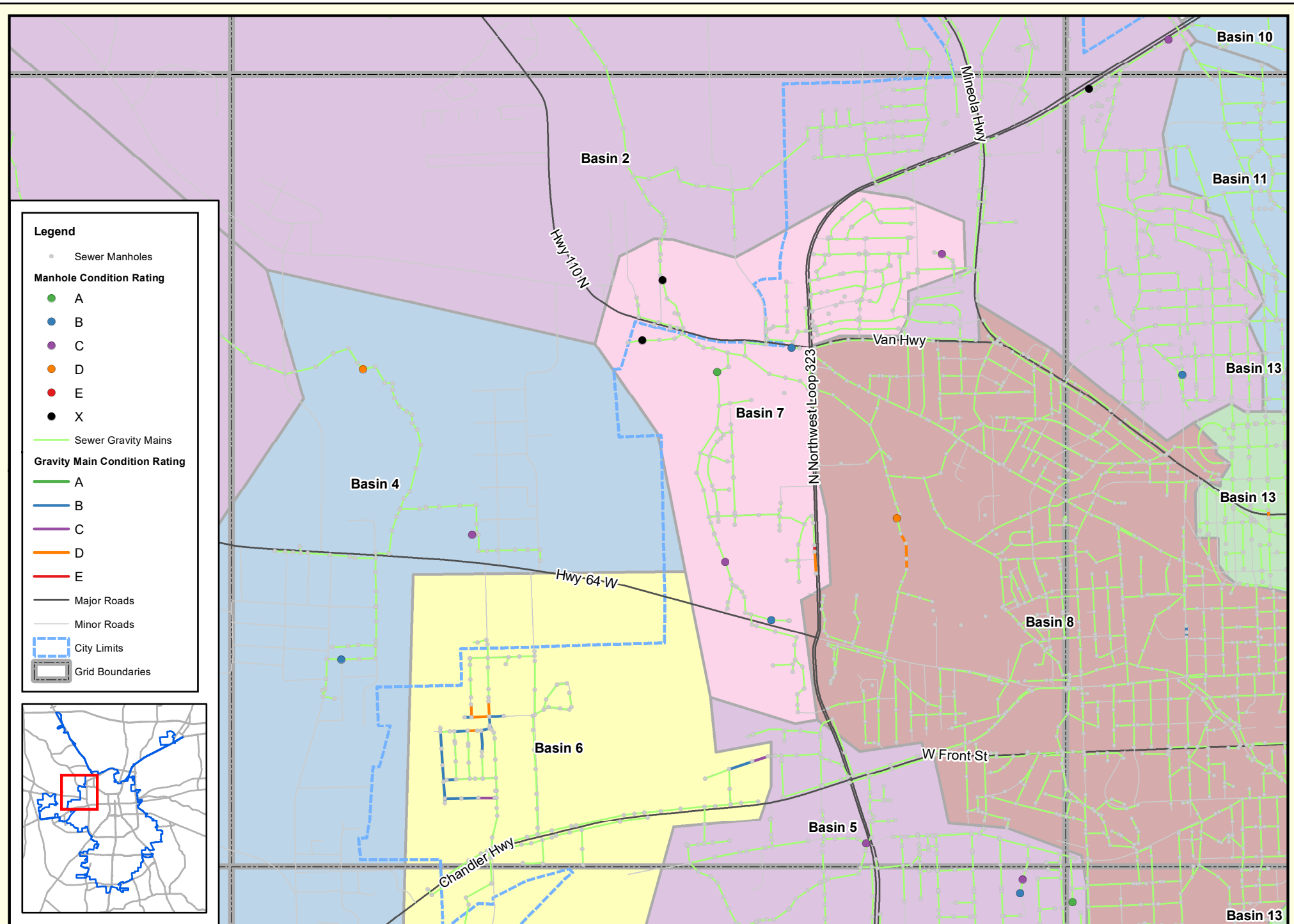


Figure I-1. Condition Assessment Ratings - Year 6

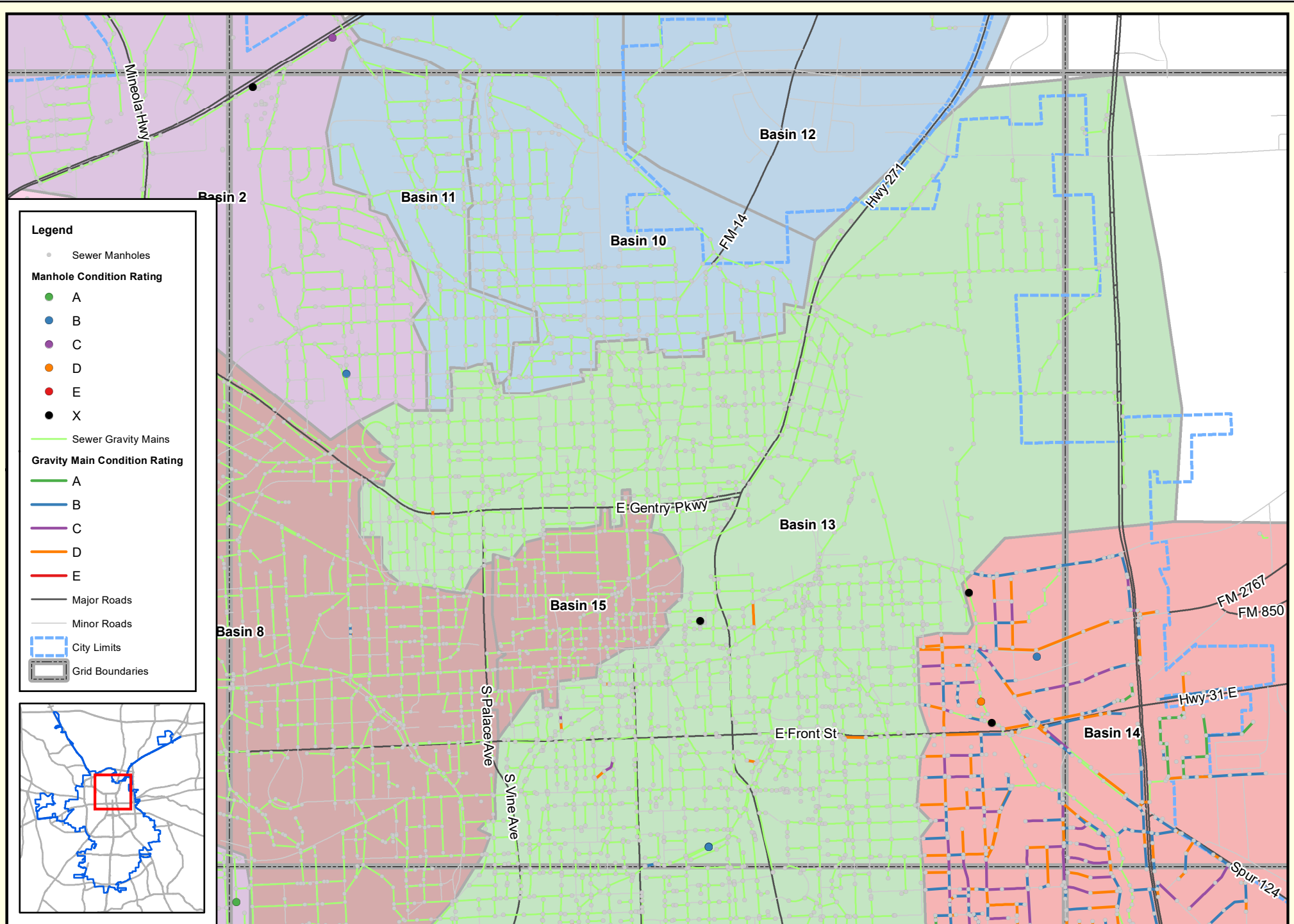
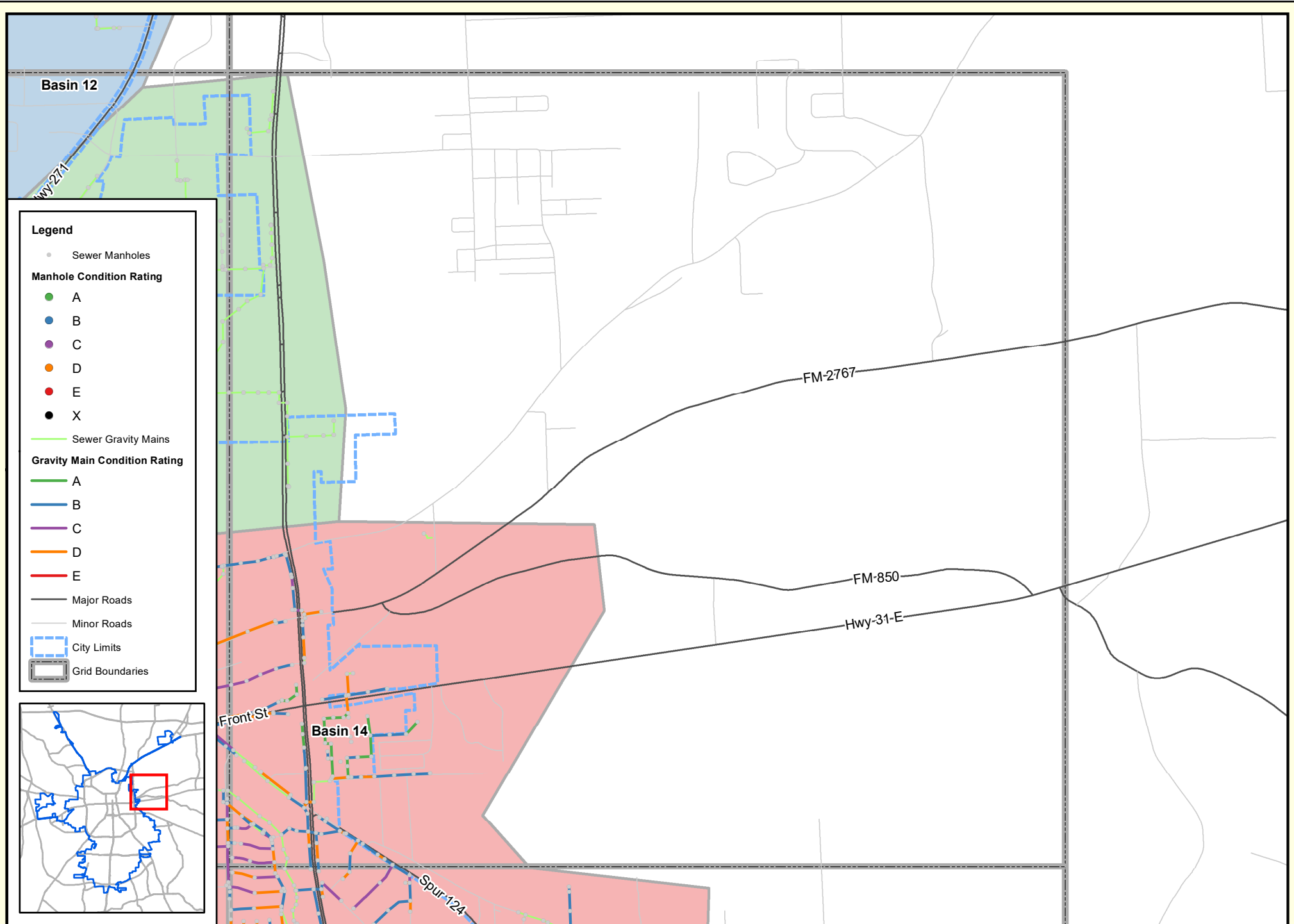


Figure I-1. Condition Assessment Ratings - Year 6



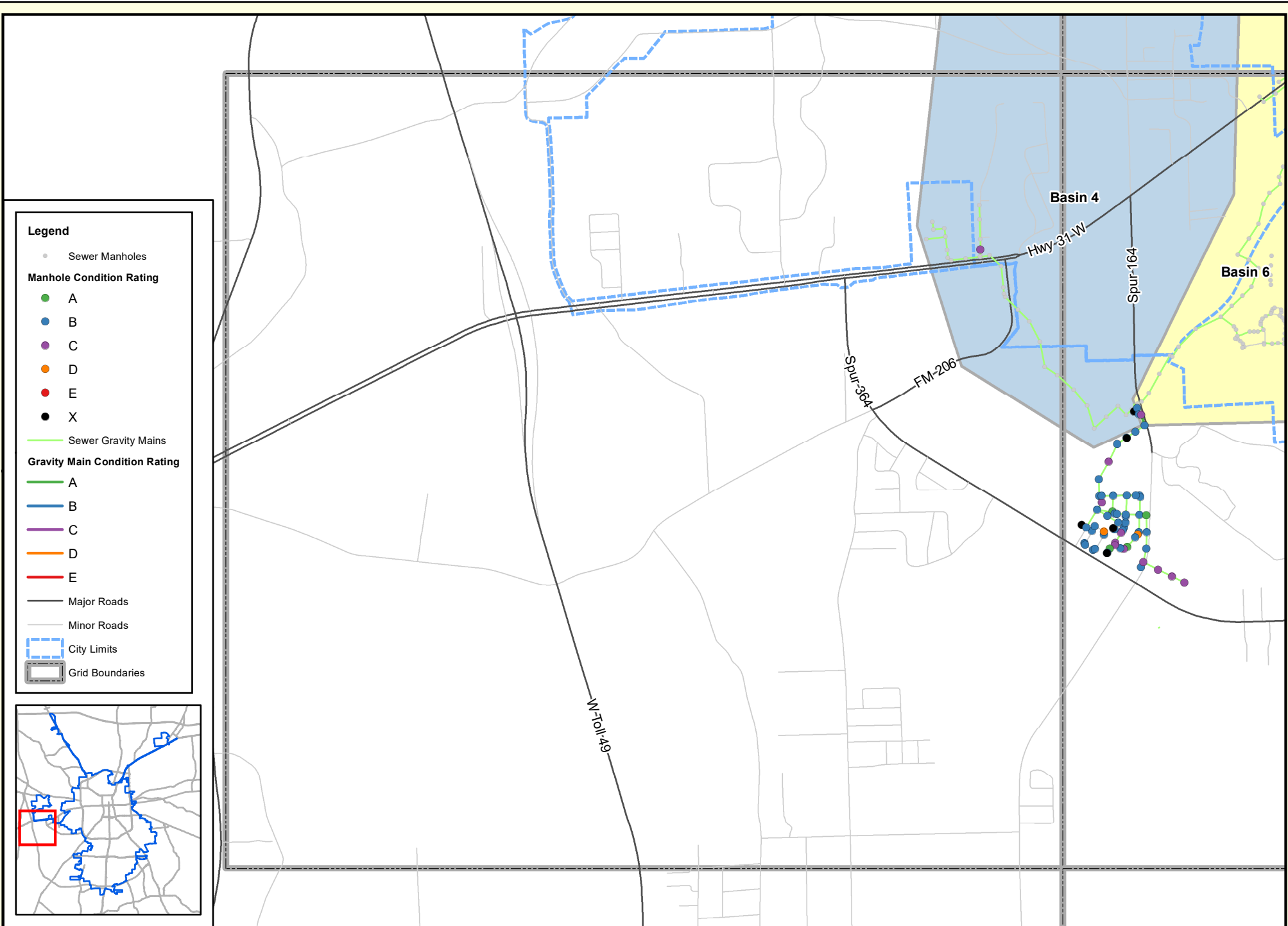


Figure I-1. Condition Assessment Ratings - Year 6

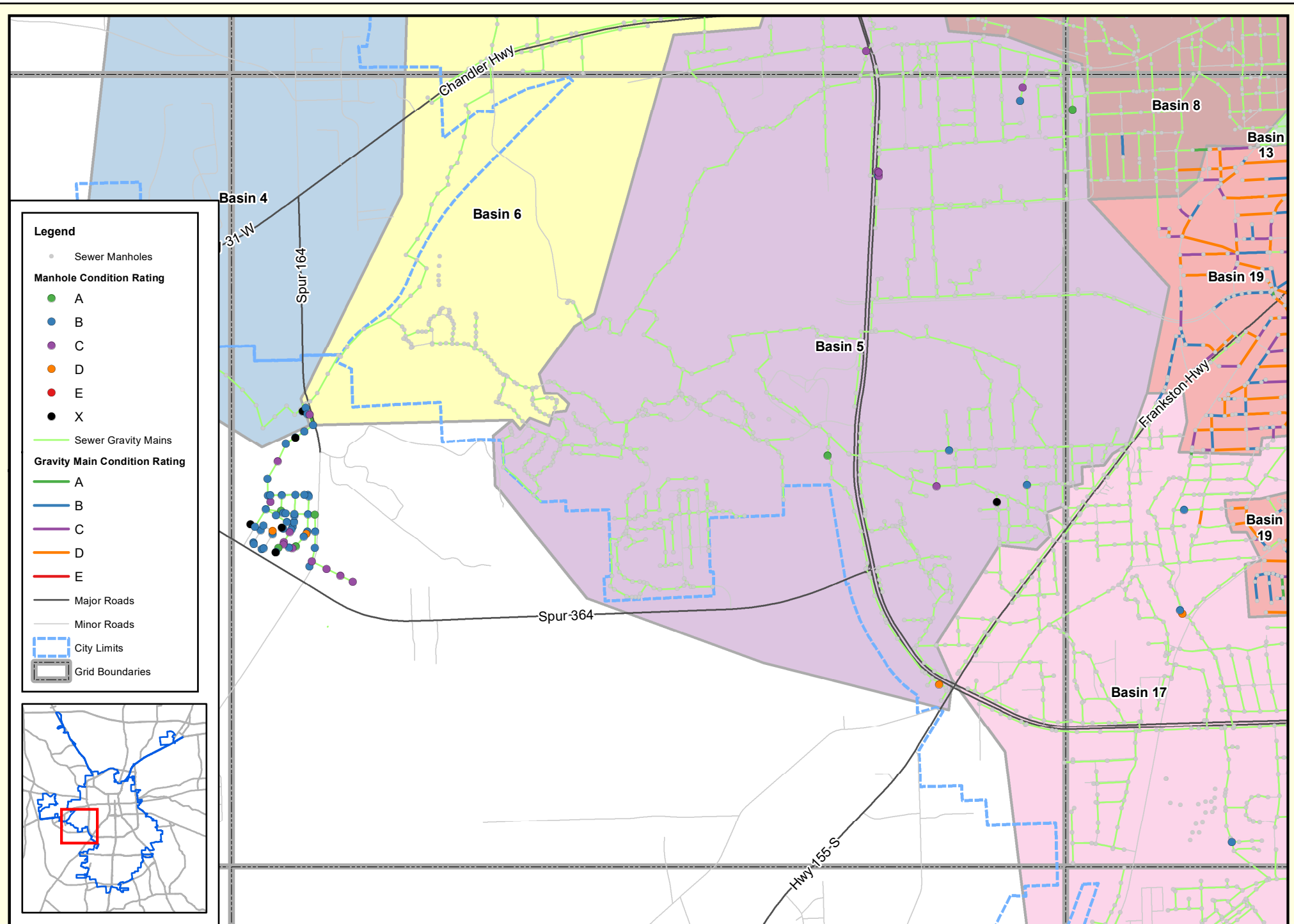


Figure I-1. Condition Assessment Ratings - Year 6

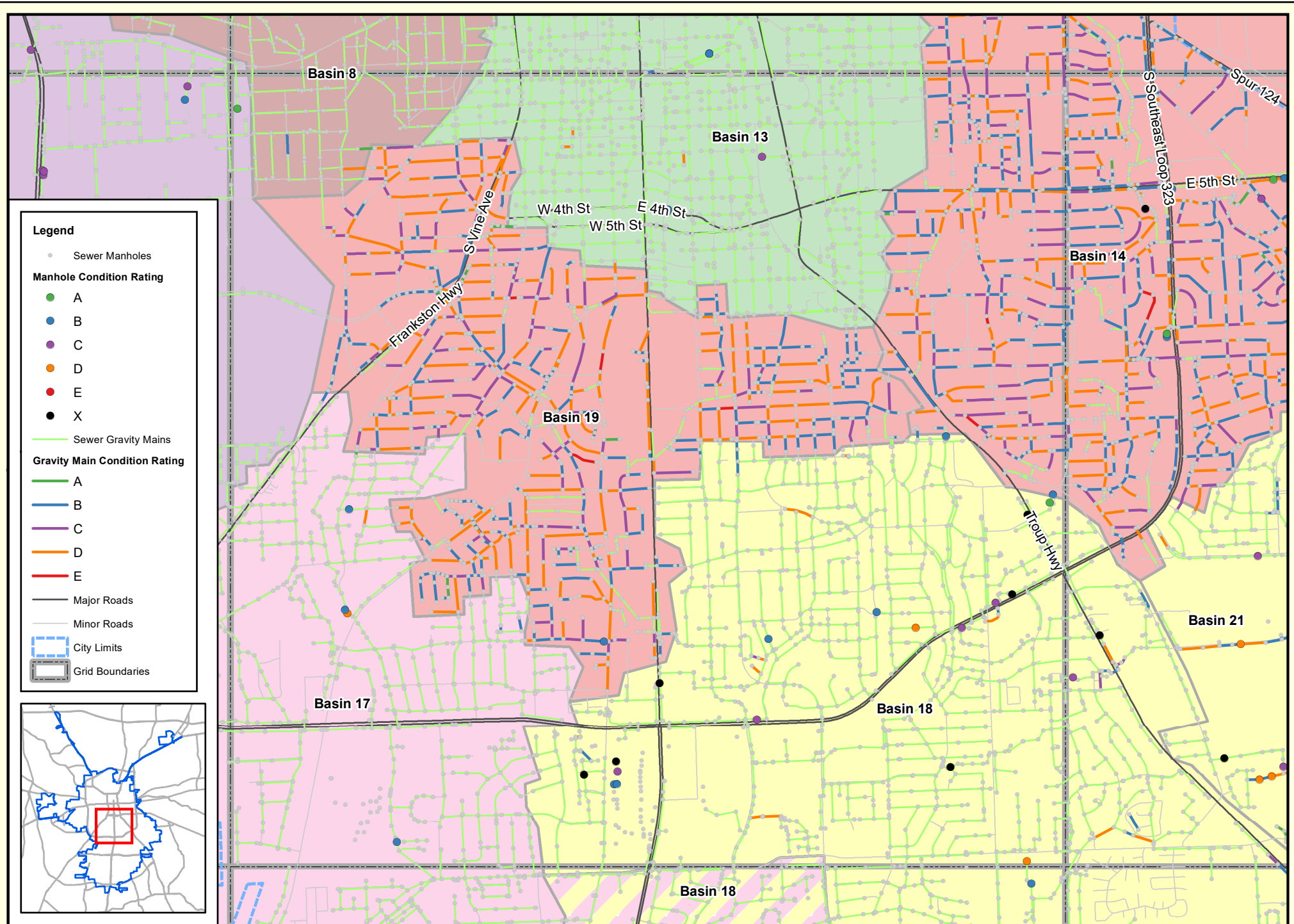


Figure I-1. Condition Assessment Ratings - Year 6

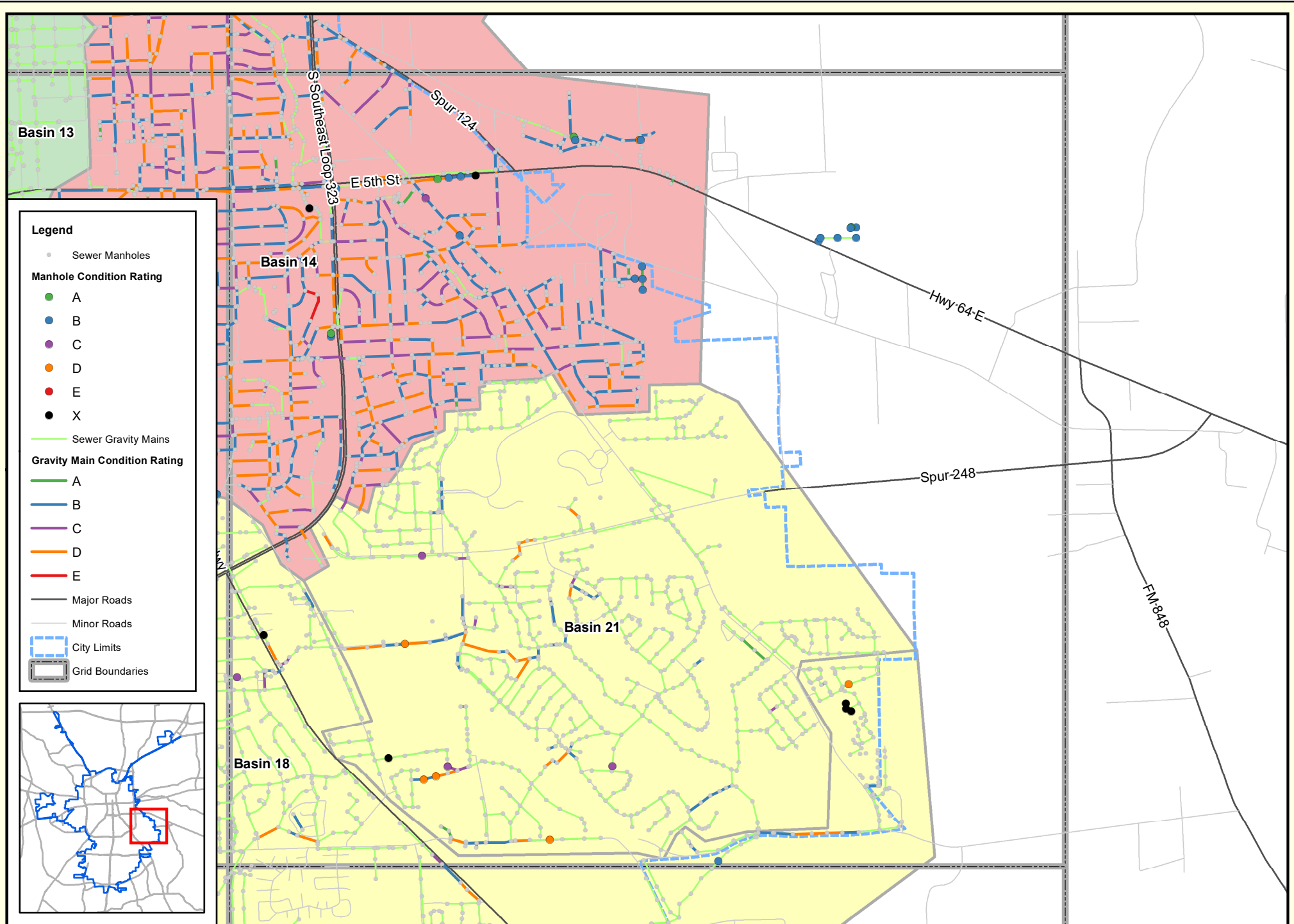


Figure I-1. Condition Assessment Ratings - Year 6

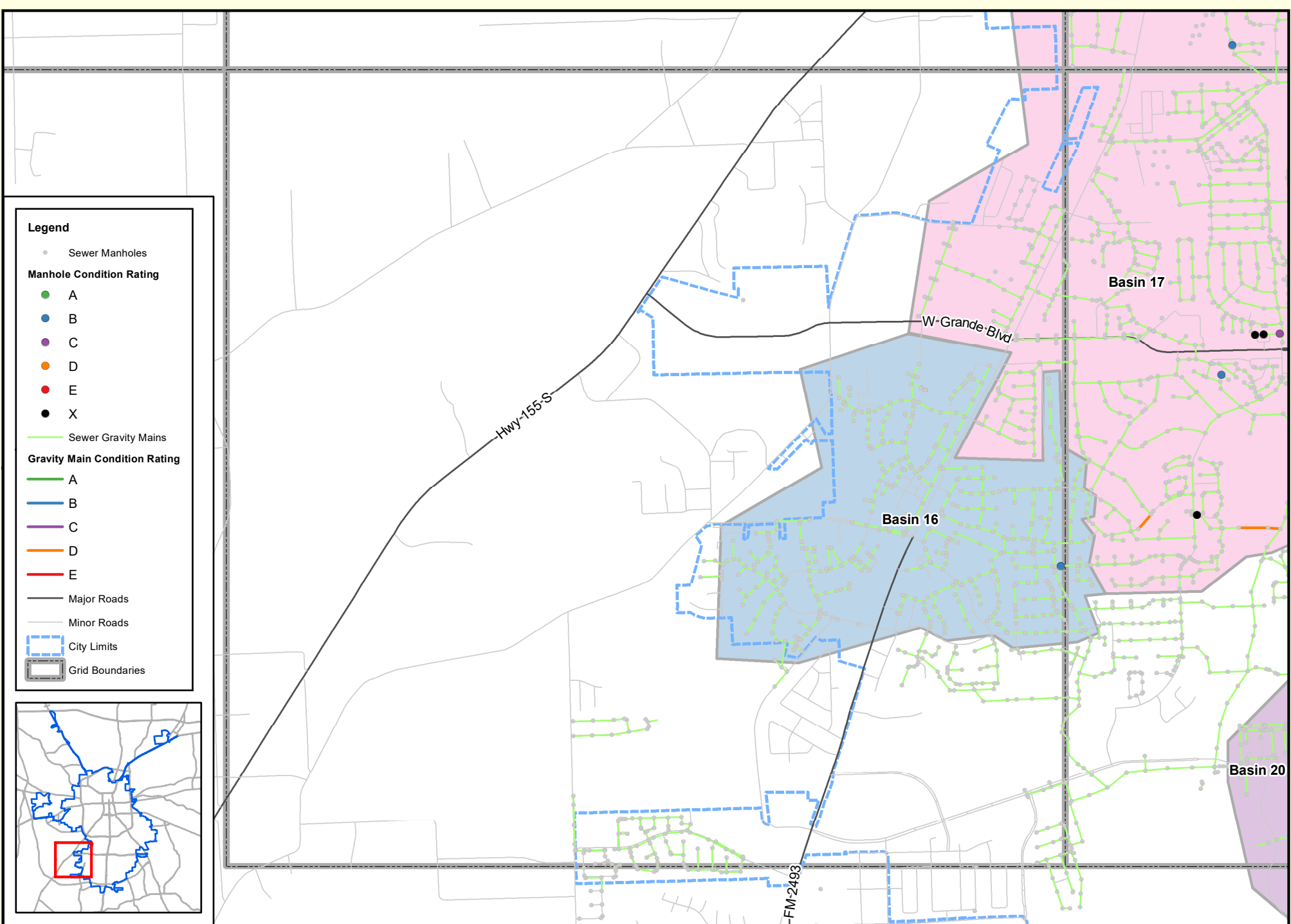


Figure I-1. Condition Assessment Ratings - Year 6

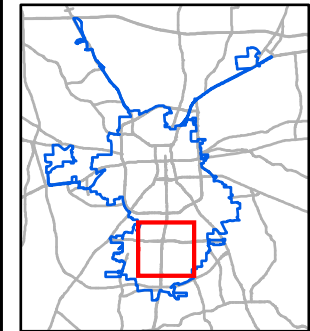
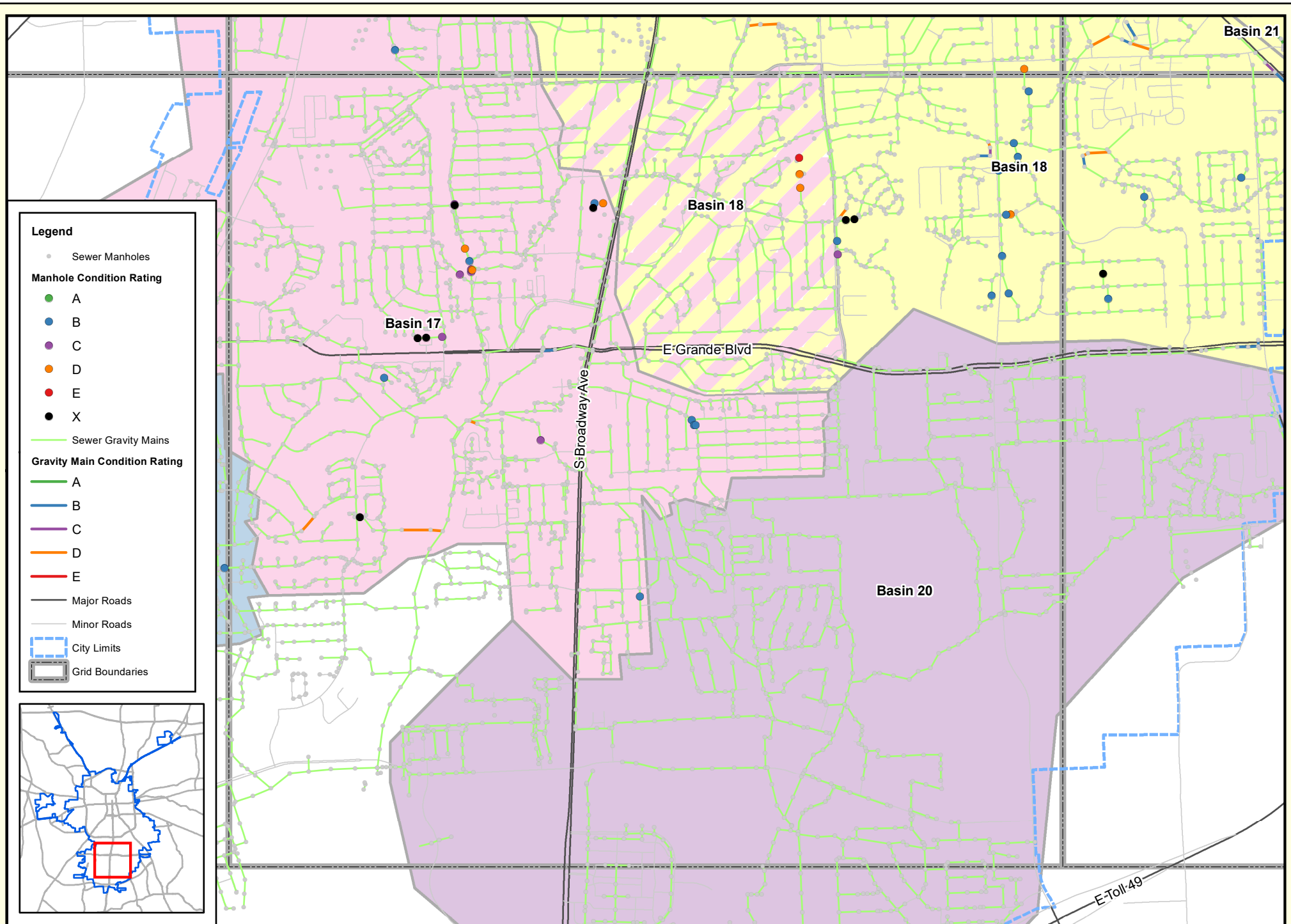


Figure I-1. Condition Assessment Ratings - Year 6

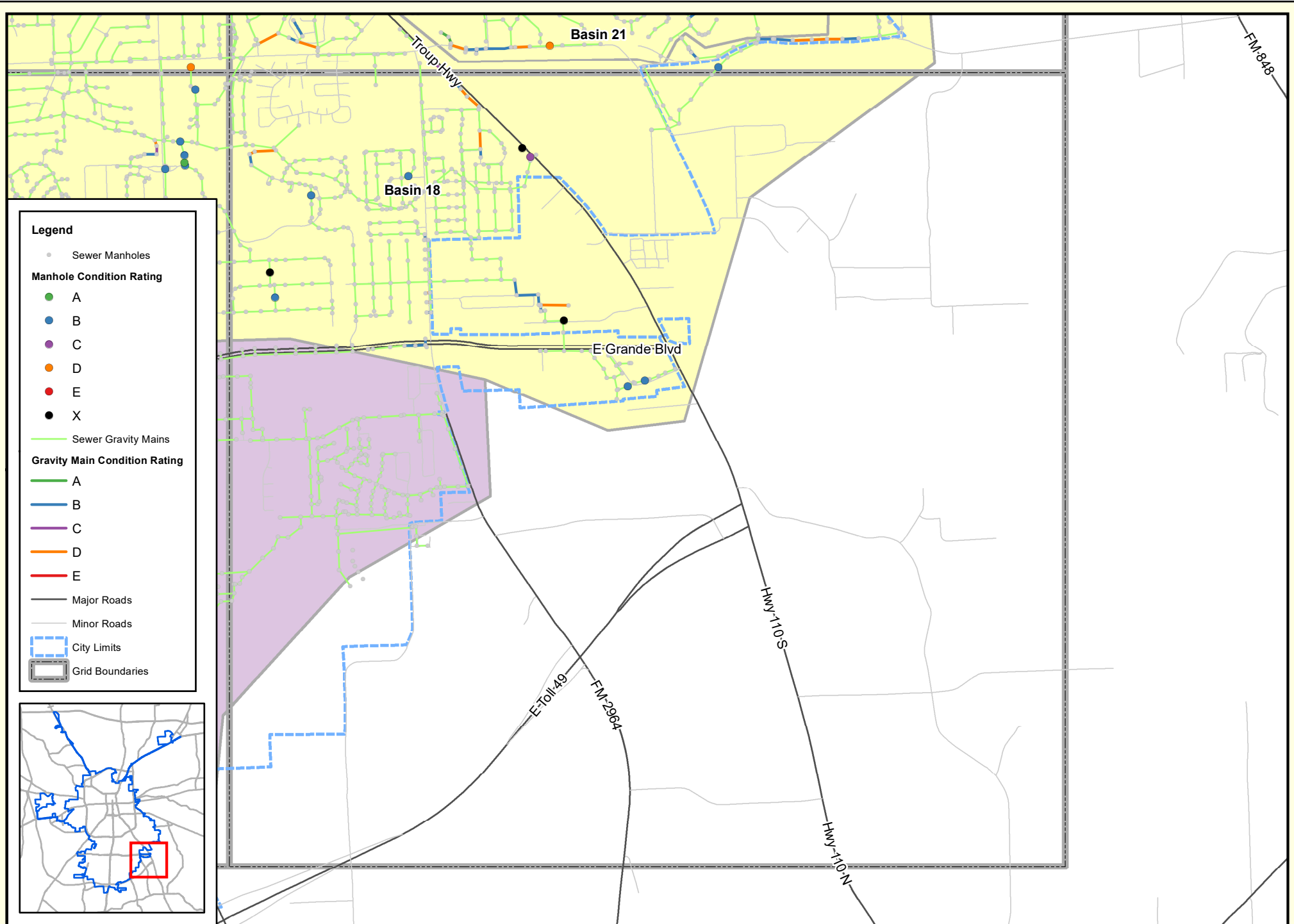
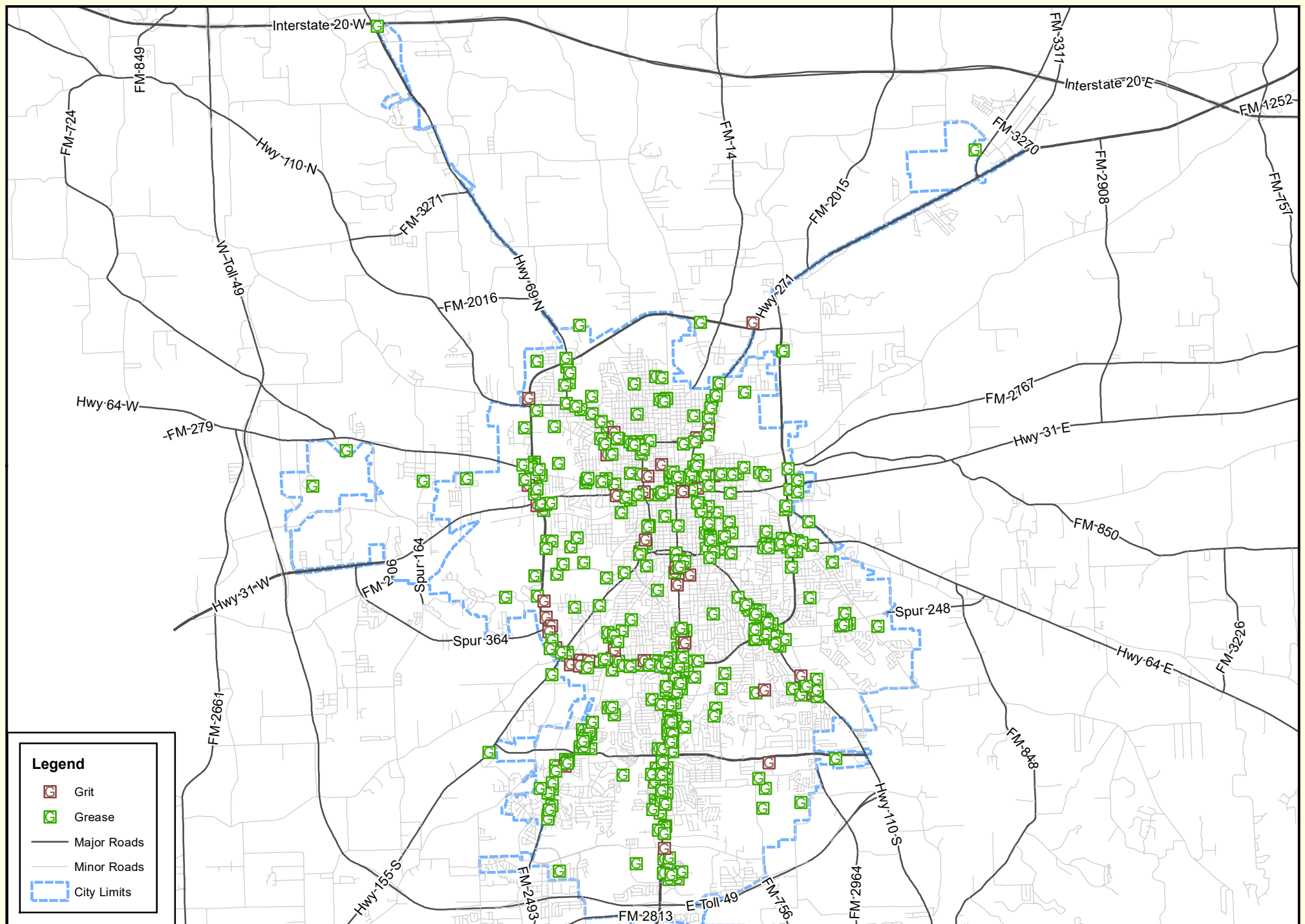


Figure I-1. Condition Assessment Ratings - Year 6

Section J. FOG Enforcement Program (Subparagraph 40.j)

The FOG Enforcement Program is part of Appendix C, FOG Program Manual, of the CMOM Program. As of December 31, 2022, there are 479 food service establishments and 42 grit traps. TWU staff completed 479 grease trap inspections and 42 grit trap inspections during the January 1, 2022 through December 31, 2022 reporting period. No written enforcement actions were initiated during this reporting period. However, thirty-two (32) sites were revisited to confirm that minor non-compliance issues were resolved; all were resolved satisfactorily. The City's FOG Program utilizes LINKO FOG Software with automated compliance enforcement and reporting capabilities to assist in managing the Program.



**Figure J-1. GRD Location Map
Year 6**

Section K. Completion of Capacity Remedial Measures (Paragraph 56)

An evaluation of potential capacity constraints was completed. Those confirmed capacity constraints and field verification data were used with City of Tyler's hydraulic model to produce the preliminary City-Wide Hydraulic Model Capacity Assessment and Remedial Measures Plan (Plan). Said preliminary Plan was completed and delivered to TWU on 1 September 2020.

After staff review, three (3) groups of capacity work and schedules were developed and used to update the Plan. The City-Wide Hydraulic Model Capacity Assessment and Remedial Measures Plan was transmitted to the EPA and TCEQ on 8 October 2020 and posted on City of Tyler's website.

The initial capacity remedial measures are in construction and the construction of capacity remedial measures for Capacity Group 1 Sewer Sites 7a2, 7b1, & 7b2 is substantially complete. No capacity remedial measure projects were fully completed during the 1 January 2022 through 31 December 2022 reporting period.

Section L. Completion of Condition Remedial Measures (Paragraph 63)

The Group 1 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 22 June 2018. The Group 2 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 26 June 2019. The Group 3 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 19 June 2020. The Group 4 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 22 June 2021. The Group 5 Annual Condition Remedial Measures Plan was submitted to the EPA and TCEQ on 22 April 2022.

Gravity Sewer Line Repairs

Table L-1a is a list of repairs made to 69 gravity sewer lines by City of Tyler during the 1 January 2022 through 31 December 2022 reporting period; said repairs are shown in **Figure L-1a**. Said repairs are in addition to work identified in Condition Remedial Measures Plan(s).

Table L-1b is a list of 4.78 miles of repairs and replacements made to 588 gravity sewer lines (38.3 miles of main) by third party contractors during the 1 January 2022 through 31 December 2022 reporting period; said repairs are shown in **Figure L-1b**. Said repairs are generally for work identified in Condition Remedial Measures Plan(s).

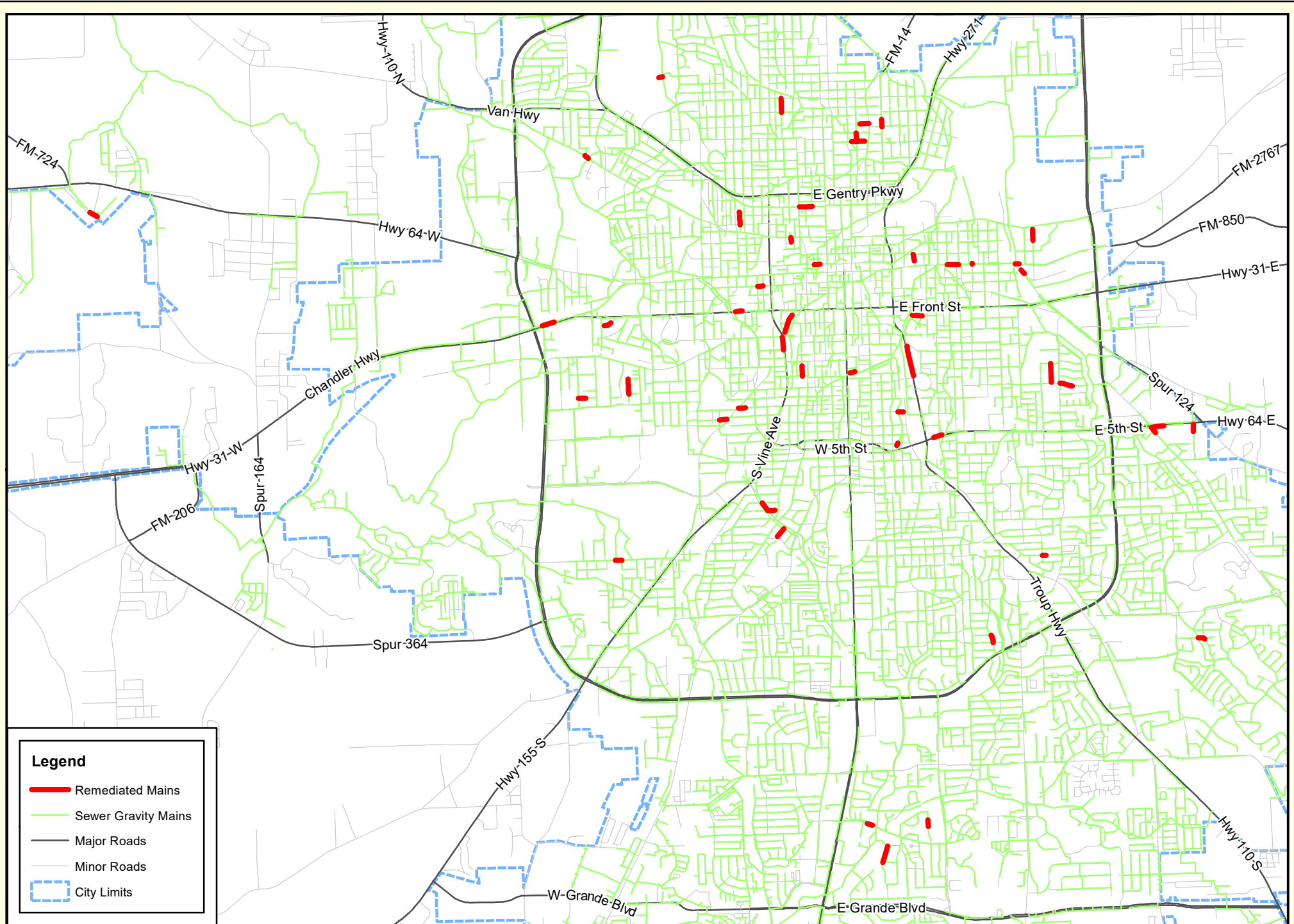
Table L-1c is a list of work performed in 2022 to all gravity mains called out for remedial activity, i.e. all condition rated D and E gravity mains. This list also includes lines given a C rating if additional work was performed, as well as updates and/or corrections to asset IDs.

Table L-1a: Gravity Sewer Main Repairs - City

Asset ID	Work Order	Date Completed	Address	Repair Type
SS.GM.T0006008	103481	1/10/2022	2009 Faulkner St	Gravity Main
SS.GM.T0002782	103631	1/1/2022	5421 Quail Creek Dr	Gravity Main
SS.GM.T0009199	104504	1/26/2022	Lawrence & Crestway	Gravity Main
SS.GM.T0004521	104739	2/7/2022	411 N Virginia Ave	Gravity Main
SS.GM.T0007356	104951	2/23/2022	Tenneha ave and W.M.L.King Jr Blvd	Gravity Main
SS.GM.T0005132	107491	2/10/2022	524 S Vine Ave	Gravity Main
SS.GM.T0009299	107492	2/10/2022	427 S Vine Ave	Gravity Main
SS.GM.T0006514	107875	3/10/2022	612 N Ross Ave	Gravity Main
SS.GM.T0015747	108085	3/4/2022	113 W Houston St, APT A	Gravity Main
SS.GM.T0003816	108203	3/7/2022	3701 Lake Forest Dr	Gravity Main
SS.GM.T0004187	108532	2/22/2022	1232 E Erwin St	Gravity Main
SS.GM.T0004187	108619	2/22/2022	1208 E Erwin St	Gravity Main
SS.GM.T0014781	108667	2/25/2022	200 E Erwin St	Gravity Main
SS.GM.T0006514	109199	3/14/2022	612 N Ross Ave	Gravity Main
SS.GM.T0005398	110222	3/29/2022	315 E Hillsboro St	Gravity Main
SS.GM.T0005163	110223	3/30/2022	1513 N Fannin Ave	Gravity Main
SS.GM.T0005165	110251	3/29/2022	205 E Hillsboro St	Gravity Main
SS.GM.T0005391	110292	3/30/2022	319 E Vance St	Gravity Main
SS.GM.T0007369	72737	2/15/2022	1917 Woodlawn St	Gravity Main
SS.GM.T0005391	110290	4/4/2022	327 E Vance St	Gravity Main
SS.GM.T0014175	110646	4/6/2022	1619 Belmont Dr	Gravity Main
SS.GM.T0004253	111139	4/21/2022	1716 E Erwin St	Gravity Main
SS.GM.T0007536	111297	4/21/2022	2114 W Front St	Gravity Main
SS.GM.T0015621	111400	5/3/2022	Shady Ln & W Front St	Gravity Main
SS.GM.T0005194	111532	4/22/2022	W Elm St & Herndon Ave	Gravity Main
SS.GM.T0004831	111900	6/8/2022	1200 E 5th St	Gravity Main
SS.GM.T0008969	112924	5/17/2022	1218 Mockingbird Ln	Gravity Main
SS.GM.T0015345	113087	5/19/2022	Whiteside Rd	Gravity Main
SS.GM.T0005623	113383	6/9/2022	2805 Garden Valley Rd	Gravity Main
SS.GM.T0006284	113568	6/1/2022	100 E Dobbs St,Tyler,TX,75701	Gravity Main
SS.GM.T0006177	113697	6/7/2022	Noble St	Gravity Main
SS.GM.T0002566	113836	6/6/2022	512 Stanford St	Gravity Main
SS.GM.T0003754	114559	6/13/2022	5910 Covey Ln	Gravity Main
SS.GM.T0005799	114730	6/15/2022	215 Edwards Ave	Gravity Main
SS.GM.T0005423	114777	6/16/2022	310 W Ferguson St	Gravity Main
SS.GM.T0007284	114891	6/14/2022	2713 Walton Rd	Gravity Main
SS.GM.T0008429	115377	6/21/2022	628 W Oakwood St	Gravity Main
SS.GM.T0003943	115421	6/21/2022	316 Lorange St	Gravity Main
SS.GM.T0013805	115821	6/28/2022	3033 W Gentry Pkwy	Gravity Main
SS.GM.T0009739	115474	7/11/2022	3555 Chandler Hwy	Gravity Main
SS.GM.T0000813	115713	7/11/2022	918 Camellia St	Gravity Main
SS.GM.T0004654	116032	7/1/2022	1800 Sampson Dr	Gravity Main
SS.GM.T0004586	116087	7/1/2022	E 5th St & Gish Ln	Gravity Main

Table L-1a: Gravity Sewer Main Repairs - City

Asset ID	Work Order	Date Completed	Address	Repair Type
SS.GM.T0006178	116280	7/13/2022	780 S Beckham Ave	Gravity Main
SS.GM.T0006178	116283	7/13/2022	812 S Beckham Ave	Gravity Main
SS.GM.T0006178	116285	7/12/2022	830 S Beckham Ave	Gravity Main
SS.GM.T0008526	116591	7/12/2022	615 S Vine Ave	Gravity Main
SS.GM.T0008526	116634	7/13/2022	615 S Vine Ave	Gravity Main
SS.GM.T0003856	116757	7/21/2022	1920 Old Henderson Hwy	Gravity Main
SS.GM.T0008526	116821	7/19/2022	615 S Vine Ave	Gravity Main
SS.GM.T0009397	117138	7/25/2022	1311 Old Noonday Rd	Gravity Main
SS.GM.T0011886	117158	7/26/2022	142 Airport Dr	Gravity Main
SS.GM.T0004575	117523	7/27/2022	3037 E 5th St	Gravity Main
SS.GM.T0002028	117623	7/30/2022	303 E Rieck Rd	Gravity Main
SS.GM.T0003616	122547	9/2/2022	3614 Birdwell Dr	Gravity Main
SS.GM.T0007758	122754	9/2/2022	3122 W Jackson St	Gravity Main
SS.GM.T0003867	123801	9/15/2022	846 Crosby St	Gravity Main
SS.GM.T0003867	123931	9/16/2022	930 Crosby St	Gravity Main
SS.GM.T0007396	124911	9/28/2022	500 W Bow St	Gravity Main
SS.GM.T0004383	124969	9/30/2022	3009 E 5th St	Gravity Main
SS.GM.T0003175	124956	10/17/2022	2320 Sunnybrook Dr	Gravity Main
SS.GM.T0014147	126569	10/31/2022	1000 Golden Rd	Gravity Main
SS.GM.T0005233	127327	11/4/2022	S Glenwood Blvd, TX, 75702	Gravity Main
SS.GM.T0014775	127332	11/3/2022	1306 Belmont Dr	Gravity Main
SS.GM.T0007076	129645	12/12/2022	814 Augusta Ave, 75701	Gravity Main
SS.GM.T0015578	129704	12/7/2022	1722 Carlyle Ave, 75702	Gravity Main
SS.GM.T0008532	129712	12/8/2022	912 Moorehill Dr	Gravity Main
SS.GM.T0000847	130253	12/13/2022	2619 Oak Ln, 75701	Gravity Main



Legend

Remediated Mains

Sewer Gravity Mains

Major Roads

Minor Roads

City Limits

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0012543	101555	2/25/2022		No	No	Yes	No	No	501	Yes
SS.GM.T0003274	101565	2/1/2022		No	No	Yes	No	No	175	Yes
SS.GM.T0004159	101566	2/10/2022		No	No	Yes	No	No	434	Yes
SS.GM.T0003888	101567	2/5/2022		No	No	Yes	No	No	168	Yes
SS.GM.T0006367	101569	2/8/2022		No	No	Yes	No	No	320	Yes
SS.GM.T0006366	101570	3/28/2022		No	No	Yes	No	No	359	Yes
SS.GM.T0006507	101571	2/4/2022		No	No	Yes	No	No	449	Yes
SS.GM.T0008129	101581	2/22/2022		No	No	Yes	No	No	447	Yes
SS.GM.T0008206	101582	2/16/2022		No	No	Yes	No	No	708	Yes
SS.GM.T0008220	101583	2/15/2022		No	No	Yes	No	No	315	Yes
SS.GM.T0010718	101584	2/24/2022		No	No	Yes	No	No	424	Yes
SS.GM.T0003943	101588	2/9/2022		Yes	No	No	No	No	453	Yes
SS.GM.T0001569	101605	1/13/2022		No	No	No	Yes	No		No
SS.GM.T0001799	101606	1/29/2022		No	No	No	Yes	No		No
SS.GM.T0001933	101608	2/14/2022		No	No	No	Yes	No		No
SS.GM.T0004410	101626	1/7/2022		No	No	No	Yes	No		No
SS.GM.T0004415	101627	2/28/2022		No	No	No	Yes	No		No
SS.GM.T0004413	101628	1/21/2022		No	No	No	Yes	No		No
SS.GM.T0004417	101629	2/10/2022		No	No	No	Yes	No		No
SS.GM.T0004422	101630	1/21/2022		No	No	No	Yes	No		No
SS.GM.T0004423	101631	3/4/2022		No	No	No	Yes	No		No
SS.GM.T0004420	101632	1/17/2022		No	No	No	Yes	No		No
SS.GM.T0004428	101633	1/8/2022		No	No	No	Yes	No		No
SS.GM.T0004429	101634	1/18/2022		No	No	No	Yes	No		No
SS.GM.T0005547	101639	3/23/2022		No	No	No	Yes	No		No
SS.GM.T0005554	101640	1/8/2022		No	No	No	Yes	No		No
SS.GM.T0005556	101641	2/8/2022		No	No	No	Yes	No		No
SS.GM.T0005862	101646	1/4/2022		No	No	No	Yes	No		No
SS.GM.T0005860	101647	1/5/2022		No	No	No	Yes	No		No
SS.GM.T0005864	101648	1/6/2022		No	No	No	Yes	No		No
SS.GM.T0005866	101649	1/11/2022		No	No	No	Yes	No		No
SS.GM.T0005880	101650	1/3/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0005883	101651	3/9/2022		No	No	No	Yes	No		No
SS.GM.T0008081	101658	2/7/2022		No	No	No	Yes	No		No
SS.GM.T0008115	101664	3/4/2022		No	No	No	Yes	No		No
SS.GM.T0009893	101682	1/18/2022		No	No	No	Yes	No		No
SS.GM.T0010402	101691	2/14/2022		No	No	No	Yes	No		No
SS.GM.T0010645	101692	1/10/2022		No	No	No	Yes	No		No
SS.GM.T0011760	101693	1/10/2022		No	No	No	Yes	No		No
SS.GM.T0011249	101694	1/18/2022		No	No	No	Yes	No		No
SS.GM.T0011766	101695	1/12/2022		No	No	No	Yes	No		No
SS.GM.T0012029	101699	1/19/2022		No	No	No	Yes	No		No
SS.GM.T0012452	101701	2/14/2022		No	No	No	Yes	No		No
SS.GM.T0013035	101705	1/23/2022		No	No	No	Yes	No		No
SS.GM.T0013664	101707	1/14/2022		No	No	No	Yes	No		No
SS.GM.T0014103	104402	1/27/2022		No	No	No	Yes	No		No
SS.GM.T0014348	104403	2/2/2022		No	No	Yes	No	No		No
SS.GM.T0006314	104404	1/27/2022		No	No	No	Yes	No		No
SS.GM.T0007078	104405	1/26/2022		No	No	No	Yes	No		No
SS.GM.T0005812	104664	1/18/2022		Yes	No	No	No	No		No
SS.GM.T0006232	104665	1/19/2022		No	No	No	No	Yes		No
SS.GM.T0006033	104666	1/25/2022		No	No	No	No	Yes		No
SS.GM.T0009296	104676	2/8/2022		No	No	No	Yes	No		No
SS.GM.T0014107	104679	1/25/2022		No	No	No	No	Yes		No
SS.GM.T0009751	104680	2/10/2022		No	No	No	No	Yes		No
SS.GM.T0014172	104681	2/8/2022		No	No	No	Yes	No		No
SS.GM.T0014215	104682	1/25/2022		No	No	No	No	Yes		No
SS.GM.T0014722	104683	2/10/2022		No	No	No	No	Yes		No
SS.GM.T0004840	107275	1/17/2022		No	Yes	No	No	No		No
SS.GM.T0010669	115738	3/1/2022		No	No	Yes	No	No	445	Yes
SS.GM.T0010670	115739	3/1/2022		No	No	Yes	No	No	247	Yes
SS.GM.T0010671	115740	3/1/2022		No	No	Yes	No	No	332	Yes
SS.GM.T0010673	115741	2/28/2022		No	No	Yes	No	No	400	Yes
SS.GM.T0010672	115742	3/1/2022		No	No	Yes	No	No	409	Yes

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0010674	115743	2/28/2022		No	No	Yes	No	No	375	Yes
SS.GM.T0010675	115744	2/28/2022		No	No	Yes	No	No	444	Yes
SS.GM.T0010677	115745	2/23/2022		No	No	Yes	No	No	313	Yes
SS.GM.T0010678	115746	2/23/2022		No	No	Yes	No	No	203	Yes
SS.GM.T0010676	115747	2/23/2022		No	No	Yes	No	No	340	Yes
SS.GM.T0010679	115748	2/21/2022		No	No	Yes	No	No	565	Yes
SS.GM.T0010680	115749	2/21/2022		No	No	Yes	No	No	451	Yes
SS.GM.T0010688	115750	2/21/2022		No	No	Yes	No	No	430	Yes
SS.GM.T0010689	115751	1/25/2022		No	No	Yes	No	No	270	Yes
SS.GM.T0010691	115752	1/25/2022		No	No	Yes	No	No	532	Yes
SS.GM.T0010690	115753	1/25/2022		No	No	Yes	No	No	562	Yes
SS.GM.T0010692	115754	1/21/2022		No	No	Yes	No	No	416	Yes
SS.GM.T0010694	115755	1/21/2022		No	No	Yes	No	No	256	Yes
SS.GM.T0010695	115756	1/18/2022		No	No	Yes	No	No	504	Yes
SS.GM.T0010693	115757	1/21/2022		No	No	Yes	No	No	452	Yes
SS.GM.T0010697	115758	1/15/2022		No	No	Yes	No	No	167	Yes
SS.GM.T0010696	115759	1/18/2022		No	No	Yes	No	No	166	Yes
SS.GM.T0010018	115760	1/18/2022		No	No	Yes	No	No	460	Yes
SS.GM.T0010682	115761	1/15/2022		No	No	Yes	No	No	397	Yes
SS.GM.T0010681	115762	1/15/2022		No	No	Yes	No	No	476	Yes
SS.GM.T0015163	115763	1/15/2022		No	No	Yes	No	No	12	Yes
SS.GM.T0010684	115764	1/15/2022		No	No	Yes	No	No	100	Yes
SS.GM.T0010657	115765	1/13/2022		No	No	Yes	No	No	551	Yes
SS.GM.T0010685	115766	1/13/2022		No	No	Yes	No	No	103	Yes
SS.GM.T0010683	115768	1/13/2022		No	No	Yes	No	No	173	Yes
SS.GM.T0010811	118043	2/19/2022		No	No	Yes	No	No		No
SS.GM.T0013661	118044	2/12/2022		No	No	Yes	No	No		No
SS.GM.T0001798	118045	2/12/2022		No	No	Yes	No	No		No
SS.GM.T0014657	118048	2/12/2022		No	No	Yes	No	No		No
SS.GM.T0005816	90818	3/14/2022		No	Yes	No	No	No	279	Yes
SS.GM.T0005817	90820	3/14/2022		No	Yes	No	No	No	379	Yes
SS.GM.T0005127	90960	2/16/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0005815	98943	1/28/2022		No	No	No	Yes	No		No
SS.GM.T0006107	98946	1/27/2022		No	No	No	Yes	No		No
SS.GM.T0006873	98952	1/27/2022		No	No	No	Yes	No		No
SS.GM.T0007400	98954	1/24/2022		No	No	No	Yes	No		No
SS.GM.T0009205	98963	1/28/2022		No	No	No	Yes	No		No
SS.GM.T0005110	99903	1/7/2022		Yes	No	No	No	No		No
SS.GM.T0005118	99905	1/14/2022		Yes	No	No	No	No		No
SS.GM.T0008098	99911	1/17/2022		Yes	No	No	No	No		No
SS.GM.T0005548	101638	6/20/2022		No	No	No	Yes	No		No
SS.GM.T0010366	101689	6/16/2022		No	No	No	Yes	No		No
SS.GM.T0012535	101702	6/16/2022		No	No	No	Yes	No		No
SS.GM.T0013246	101706	6/20/2022		No	No	No	Yes	No		No
SS.GM.T0014313	101709	6/16/2022		No	No	No	Yes	No		No
SS.GM.T0014259	101710	6/15/2022		No	No	No	Yes	No		No
SS.GM.T0008449	104406	6/16/2022		No	No	No	No	Yes		No
SS.GM.T0013004	115717	5/3/2022		No	No	Yes	No	No	58	Yes
SS.GM.T0012609	115718	5/2/2022		No	No	Yes	No	No	333	Yes
SS.GM.T0012617	115719	5/2/2022		No	No	Yes	No	No	392	Yes
SS.GM.T0012610	115720	5/2/2022		No	No	Yes	No	No	497	Yes
SS.GM.T0014574	115721	5/3/2022		No	No	Yes	No	No	325	Yes
SS.GM.T0012611	115722	5/2/2022		No	No	Yes	No	No	355	Yes
SS.GM.T0010017	115723	4/28/2022		No	No	Yes	No	No	452	Yes
SS.GM.T0012614	115724	4/28/2022		No	No	Yes	No	No	505	Yes
SS.GM.T0012613	115725	4/28/2022		No	No	Yes	No	No	355	Yes
SS.GM.T0012616	115726	4/19/2022		No	No	Yes	No	No	219	Yes
SS.GM.T0012615	115727	4/19/2022		No	No	Yes	No	No	240	Yes
SS.GM.T0010659	115728	4/19/2022		No	No	Yes	No	No	434	Yes
SS.GM.T0013130	115729	4/19/2022		No	No	Yes	No	No	14	Yes
SS.GM.T0010661	115730	4/19/2022		No	No	Yes	No	No	281	Yes
SS.GM.T0010660	115731	4/18/2022		No	No	Yes	No	No	396	Yes
SS.GM.T0010662	115732	4/18/2022		No	No	Yes	No	No	436	Yes
SS.GM.T0010663	115733	4/18/2022		No	No	Yes	No	No	365	Yes

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0010665	115734	4/14/2022		No	No	Yes	No	No	370	Yes
SS.GM.T0010666	115735	4/14/2022		No	No	Yes	No	No	490	Yes
SS.GM.T0010667	115736	4/14/2022		No	No	Yes	No	No	113	Yes
SS.GM.T0010668	115737	4/14/2022		No	No	Yes	No	No	386	Yes
SS.GM.T0008125	118000	6/11/2022		No	No	Yes	No	No		No
SS.GM.T0007037	118001	6/11/2022		No	No	Yes	No	No		No
SS.GM.T0007047	118002	5/14/2022		No	No	Yes	No	No		No
SS.GM.T0008124	118003	6/11/2022		No	No	Yes	No	No		No
SS.GM.T0004338	118007	5/14/2022		No	No	Yes	No	No		No
SS.GM.T0012005	118008	6/4/2022		No	No	Yes	No	No		No
SS.GM.T0011989	118009	6/7/2022		No	No	Yes	No	No		No
SS.GM.T0012004	118010	6/4/2022		No	No	Yes	No	No		No
SS.GM.T0012003	118011	5/28/2022		No	No	Yes	No	No		No
SS.GM.T0013344	118012	5/28/2022		No	No	Yes	No	No		No
SS.GM.T0010739	118013	5/28/2022		No	No	Yes	No	No		No
SS.GM.T0010737	118014	6/18/2022		No	No	Yes	No	No		No
SS.GM.T0010738	118015	6/6/2022		No	No	Yes	No	No		No
SS.GM.T0013564	118016	6/18/2022		No	No	Yes	No	No		No
SS.GM.T0010736	118017	6/18/2022		No	No	Yes	No	No		No
SS.GM.T0010735	118018	6/18/2022		No	No	Yes	No	No		No
SS.GM.T0012607	118019	6/25/2022		No	No	Yes	No	No		No
SS.GM.T0014261	118020	6/25/2022		No	No	Yes	No	No		No
SS.GM.T0012608	118021	6/7/2022		No	No	Yes	No	No		No
SS.GM.T0013897	118022	6/11/2022		No	No	Yes	No	No		No
SS.GM.T0010729	118023	6/4/2022		No	No	Yes	No	No		No
SS.GM.T0010730	118024	6/4/2022		No	No	Yes	No	No		No
SS.GM.T0010734	118025	5/27/2022		No	No	Yes	No	No		No
SS.GM.T0010728	118026	5/21/2022		No	No	Yes	No	No		No
SS.GM.T0014756	118027	5/26/2022		No	No	Yes	No	No		No
SS.GM.T0010725	118028	6/25/2022		No	No	Yes	No	No		No
SS.GM.T0010726	118029	6/25/2022		No	No	Yes	No	No		No
SS.GM.T0009489	118030	4/2/2022		No	No	Yes	No	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0014498	118031	4/9/2022		No	No	Yes	No	No		No
SS.GM.T0002907	118032	4/9/2022		No	No	Yes	No	No		No
SS.GM.T0013410	118033	4/23/2022		No	No	Yes	No	No		No
SS.GM.T0013808	118034	4/23/2022		No	No	Yes	No	No		No
SS.GM.T0002787	118035	4/2/2022		No	No	Yes	No	No		No
SS.GM.T0002900	118036	4/9/2022		No	No	Yes	No	No		No
SS.GM.T0002789	118037	4/2/2022		No	No	Yes	No	No		No
SS.GM.T0013714	118038	4/2/2022		No	No	Yes	No	No		No
SS.GM.T0001568	118039	5/1/2022		No	No	Yes	No	No		No
SS.GM.T0011234	118040	5/1/2022		No	No	Yes	No	No		No
SS.GM.T0013149	118041	5/1/2022		No	No	Yes	No	No		No
SS.GM.T0014655	118042	5/1/2022		No	No	Yes	No	No		No
SS.GM.T0003198	118046	6/1/2022		No	No	Yes	No	No		No
SS.GM.T0011244	118047	4/23/2022		No	No	Yes	No	No		No
SS.GM.T0011246	118049	4/16/2022		No	No	Yes	No	No		No
SS.GM.T0014662	118050	4/16/2022		No	No	Yes	No	No		No
SS.GM.T0011245	118051	4/16/2022		No	No	Yes	No	No		No
SS.GM.T0007340	101574	7/21/2022		No	No	Yes	No	No	474	Yes
SS.GM.T0006901	101575	7/29/2022		No	No	Yes	No	No	93	Yes
SS.GM.T0007384	101576	7/29/2022		No	No	Yes	No	No	209	Yes
SS.GM.T0007385	101577	7/26/2022		No	No	Yes	No	No	44	Yes
SS.GM.T0007386	101578	7/24/2022		No	No	Yes	No	No	582	Yes
SS.GM.T0007388	101579	7/22/2022		No	No	Yes	No	No	159	Yes
SS.GM.T0007387	101580	7/24/2022		No	No	Yes	No	No	350	Yes
SS.GM.T0004107	101613	8/11/2022		No	No	No	Yes	No		No
SS.GM.T0005856	101645	8/11/2022		No	No	No	Yes	No		No
SS.GM.T0008253	117961	7/31/2022		No	No	Yes	No	No		No
SS.GM.T0008254	117962	7/29/2022		No	No	Yes	No	No		No
SS.GM.T0008255	117963	7/27/2022		No	No	Yes	No	No		No
SS.GM.T0008256	117964	7/23/2022		No	No	Yes	No	No		No
SS.GM.T0013506	117965	7/20/2022		No	No	Yes	No	No		No
SS.GM.T0008257	117966	7/20/2022		No	No	Yes	No	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0013505	117967	7/20/2022		No	No	Yes	No	No		No
SS.GM.T0005650	117968	7/16/2022		No	No	Yes	No	No		No
SS.GM.T0010698	117969	7/16/2022		No	No	Yes	No	No		No
SS.GM.T0005329	117970	7/16/2022		No	No	Yes	No	No		No
SS.GM.T0005330	117971	8/6/2022		No	No	Yes	No	No		No
SS.GM.T0005331	117972	8/4/2022		No	No	Yes	No	No		No
SS.GM.T0005332	117973	8/4/2022		No	No	Yes	No	No		No
SS.GM.T0003695	117975	8/4/2022		No	No	Yes	No	No		No
SS.GM.T0000251	117983	8/29/2022		No	No	Yes	No	No		No
SS.GM.T0000252	117984	8/29/2022		No	No	Yes	No	No		No
SS.GM.T0000254	117985	8/27/2022		No	No	Yes	No	No		No
SS.GM.T0000257	117986	8/18/2022		No	No	Yes	No	No		No
SS.GM.T0000256	117987	8/20/2022		No	No	Yes	No	No		No
SS.GM.T0000258	117988	8/18/2022		No	No	Yes	No	No		No
SS.GM.T0000259	117989	8/18/2022		No	No	Yes	No	No		No
SS.GM.T0000260	117990	8/18/2022		No	No	Yes	No	No		No
SS.GM.T0013345	117992	8/15/2022		No	No	Yes	No	No		No
SS.GM.T0007350	117993	8/13/2022		No	No	Yes	No	No		No
SS.GM.T0007659	117994	8/13/2022		No	No	Yes	No	No		No
SS.GM.T0008221	117995	7/16/2022		No	No	Yes	No	No		No
SS.GM.T0005346	117996	7/16/2022		No	No	Yes	No	No		No
SS.GM.T0008330	118004	7/9/2022		No	No	Yes	No	No		No
SS.GM.T0004166	118005	7/9/2022		No	No	Yes	No	No		No
SS.GM.T0004167	118006	7/9/2022		No	No	Yes	No	No		No
SS.GM.T0013315	118447	7/27/2022		No	No	No	Yes	No		No
SS.GM.T0007981	118452	8/3/2022		No	No	No	Yes	No		No
SS.GM.T0007300	118456	8/17/2022		No	No	No	Yes	No		No
SS.GM.T0007983	118458	8/5/2022		No	No	No	Yes	No		No
SS.GM.T0007803	118464	8/24/2022		No	No	No	Yes	No		No
SS.GM.T0006483	118466	7/29/2022		No	No	No	Yes	No		No
SS.GM.T0013315	118467	7/27/2022		No	No	No	Yes	No		No
SS.GM.T0002158	118474	8/15/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0003191	118478	8/16/2022		No	No	No	Yes	No		No
SS.GM.T0006591	118502	8/11/2022		No	No	No	Yes	No		No
SS.GM.T0005665	118521	8/12/2022		No	No	No	Yes	No		No
SS.GM.T0008385	118524	8/1/2022		No	No	No	Yes	No		No
SS.GM.T0008384	118525	8/2/2022		No	No	No	Yes	No		No
SS.GM.T0007811	118542	8/19/2022		No	No	No	Yes	No		No
SS.GM.T0007623	118546	8/24/2022		No	No	No	Yes	No		No
SS.GM.T0006580	118551	8/17/2022		No	No	No	Yes	No		No
SS.GM.T0007139	118559	7/28/2022		No	No	No	Yes	No		No
SS.GM.T0013315	118563	7/27/2022		No	No	No	Yes	No		No
SS.GM.T0006053	118567	7/29/2022		No	No	No	Yes	No		No
SS.GM.T0007808	118568	8/25/2022		No	No	No	Yes	No		No
SS.GM.T0003194	118571	8/16/2022		No	No	No	Yes	No		No
SS.GM.T0003191	118585	8/15/2022		No	No	No	Yes	No		No
SS.GM.T0007005	118590	7/26/2022		No	No	No	Yes	No		No
SS.GM.T0007594	118593	8/4/2022		No	No	No	Yes	No		No
SS.GM.T0006483	118595	7/28/2022		No	No	No	Yes	No		No
SS.GM.T0007808	118606	8/25/2022		No	No	No	Yes	No		No
SS.GM.T0007623	118607	8/23/2022		No	No	No	Yes	No		No
SS.GM.T0007980	118608	8/4/2022		No	No	No	Yes	No		No
SS.GM.T0007808	118618	8/25/2022		No	No	No	Yes	No		No
SS.GM.T0007139	118619	7/28/2022		No	No	No	Yes	No		No
SS.GM.T0007139	118630	7/27/2022		No	No	No	Yes	No		No
SS.GM.T0006625	118633	8/24/2022		No	No	No	Yes	No		No
SS.GM.T0007289	118649	8/23/2022		No	No	No	Yes	No		No
SS.GM.T0006580	118657	8/16/2022		No	No	No	Yes	No		No
SS.GM.T0007289	118669	8/22/2022		No	No	No	Yes	No		No
SS.GM.T0007976	118681	8/19/2022		No	No	No	Yes	No		No
SS.GM.T0008406	118708	8/4/2022		No	No	No	Yes	No		No
SS.GM.T0005680	118713	8/3/2022		No	No	No	Yes	No		No
SS.GM.T0003893	118716	7/29/2022		No	No	No	Yes	No		No
SS.GM.T0007809	118717	8/29/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0003525	118718	8/29/2022		No	No	No	Yes	No		No
SS.GM.T0005665	118723	8/11/2022		No	No	No	Yes	No		No
SS.GM.T0008406	118731	8/3/2022		No	No	No	Yes	No		No
SS.GM.T0007811	118735	8/18/2022		No	No	No	Yes	No		No
SS.GM.T0008406	118737	8/3/2022		No	No	No	Yes	No		No
SS.GM.T0006593	118738	8/5/2022		No	No	No	Yes	No		No
SS.GM.T0006579	118762	8/18/2022		No	No	No	Yes	No		No
SS.GM.T0008406	118768	8/2/2022		No	No	No	Yes	No		No
SS.GM.T0006625	118780	8/23/2022		No	No	No	Yes	No		No
SS.GM.T0007306	118789	8/26/2022		No	No	No	Yes	No		No
SS.GM.T0007809	118803	8/29/2022		No	No	No	Yes	No		No
SS.GM.T0008406	118815	8/2/2022		No	No	No	Yes	No		No
SS.GM.T0006589	118826	8/9/2022		No	No	No	Yes	No		No
SS.GM.T0003471	118831	8/24/2022		No	No	No	Yes	No		No
SS.GM.T0007306	118835	8/26/2022		No	No	No	Yes	No		No
SS.GM.T0007985	118838	8/10/2022		No	No	No	Yes	No		No
SS.GM.T0002140	118845	8/26/2022		No	No	No	Yes	No		No
SS.GM.T0013315	118849	7/27/2022		No	No	No	Yes	No		No
SS.GM.T0006117	118857	7/29/2022		No	No	No	Yes	No		No
SS.GM.T0000932	118859	8/18/2022		No	No	No	Yes	No		No
SS.GM.T0006575	118860	8/19/2022		No	No	No	Yes	No		No
SS.GM.T0007803	118862	8/24/2022		No	No	No	Yes	No		No
SS.GM.T0007985	118863	8/10/2022		No	No	No	Yes	No		No
SS.GM.T0006531	118864	8/12/2022		No	No	No	Yes	No		No
SS.GM.T0007669	118866	8/24/2022		No	No	No	Yes	No		No
SS.GM.T0007811	118869	8/17/2022		No	No	No	Yes	No		No
SS.GM.T0006483	118874	7/28/2022		No	No	No	Yes	No		No
SS.GM.T0005377	118883	7/27/2022		No	No	No	Yes	No		No
SS.GM.T0013315	118884	7/26/2022		No	No	No	Yes	No		No
SS.GM.T0007306	118891	8/26/2022		No	No	No	Yes	No		No
SS.GM.T0003499	118895	8/16/2022		No	No	No	Yes	No		No
SS.GM.T0003894	118915	8/2/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0003894	118916	8/2/2022		No	No	No	Yes	No		No
SS.GM.T0007622	118919	8/25/2022		No	No	No	Yes	No		No
SS.GM.T0003894	118921	8/1/2022		No	No	No	Yes	No		No
SS.GM.T0003894	118925	8/1/2022		No	No	No	Yes	No		No
SS.GM.T0007622	118926	8/25/2022		No	No	No	Yes	No		No
SS.GM.T0006591	118940	8/9/2022		Yes	No	No	No	No		No
SS.GM.T0000291	117949	9/30/2022		No	No	Yes	No	No		No
SS.GM.T0000292	117950	9/28/2022		No	No	Yes	No	No		No
SS.GM.T0000293	117951	9/25/2022		No	No	Yes	No	No		No
SS.GM.T0000294	117952	9/25/2022		No	No	Yes	No	No		No
SS.GM.T0000295	117953	9/25/2022		No	No	Yes	No	No		No
SS.GM.T0000296	117954	9/25/2022		No	No	Yes	No	No		No
SS.GM.T0000297	117955	9/25/2022		No	No	Yes	No	No		No
SS.GM.T0013152	117956	9/21/2022		No	No	Yes	No	No		No
SS.GM.T0000298	117957	9/25/2022		No	No	Yes	No	No		No
SS.GM.T0000299	117958	9/15/2022		No	No	Yes	No	No		No
SS.GM.T0000300	117959	9/15/2022		No	No	Yes	No	No		No
SS.GM.T0000304	117960	9/13/2022		No	No	Yes	No	No		No
SS.GM.T0000245	117974	9/11/2022		No	No	Yes	No	No		No
SS.GM.T0014601	117976	9/11/2022		No	No	Yes	No	No		No
SS.GM.T0010699	117977	9/9/2022		No	No	Yes	No	No		No
SS.GM.T0000246	117978	9/9/2022		No	No	Yes	No	No		No
SS.GM.T0000247	117979	9/9/2022		No	No	Yes	No	No		No
SS.GM.T0000249	117980	9/3/2022		No	No	Yes	No	No		No
SS.GM.T0000248	117981	9/3/2022		No	No	Yes	No	No		No
SS.GM.T0000250	117982	9/3/2022		No	No	Yes	No	No		No
SS.GM.T0000930	118348	9/7/2022		No	No	No	No	Yes		No
SS.GM.T0000930	118375	9/7/2022		No	No	No	No	Yes		No
SS.GM.T0007841	118454	9/8/2022		No	No	No	Yes	No		No
SS.GM.T0007802	118463	9/2/2022		No	No	No	Yes	No		No
SS.GM.T0007824	118469	9/13/2022		No	No	No	Yes	No		No
SS.GM.T0007826	118483	9/9/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0002530	118489	9/15/2022		No	No	No	Yes	No		No
SS.GM.T0007818	118490	9/27/2022		No	No	No	Yes	No		No
SS.GM.T0007831	118492	9/13/2022		No	No	No	Yes	No		No
SS.GM.T0003337	118495	9/27/2022		No	No	No	Yes	No		No
SS.GM.T0007840	118497	9/9/2022		No	No	No	Yes	No		No
SS.GM.T0013128	118498	9/29/2022		No	No	No	Yes	No		No
SS.GM.T0007813	118503	9/8/2022		No	No	No	Yes	No		No
SS.GM.T0007840	118519	9/9/2022		No	No	No	Yes	No		No
SS.GM.T0007302	118538	9/1/2022		No	No	No	Yes	No		No
SS.GM.T0014075	118544	9/13/2022		No	No	No	Yes	No		No
SS.GM.T0013128	118555	9/28/2022		No	No	No	Yes	No		No
SS.GM.T0002533	118570	9/6/2022		No	No	No	Yes	No		No
SS.GM.T0007813	118587	9/8/2022		No	No	No	Yes	No		No
SS.GM.T0002525	118603	9/22/2022		No	No	No	Yes	No		No
SS.GM.T0000556	118612	9/6/2022		No	No	No	Yes	No		No
SS.GM.T0007798	118613	9/6/2022		No	No	No	Yes	No		No
SS.GM.T0002464	118620	9/14/2022		No	No	No	Yes	No		No
SS.GM.T0002464	118622	9/14/2022	1511 Bellwood Rd	No	No	No	Yes	No		No
SS.GM.T0002464	118626	9/14/2022	8521 Paluxy Dr	No	No	No	Yes	No		No
SS.GM.T0002464	118638	9/13/2022		No	No	No	Yes	No		No
SS.GM.T0014075	118654	9/9/2022		No	No	No	Yes	No		No
SS.GM.T0007818	118659	9/26/2022		No	No	No	Yes	No		No
SS.GM.T0003337	118662	9/22/2022		No	No	No	Yes	No		No
SS.GM.T0007314	118664	9/14/2022		No	No	No	Yes	No		No
SS.GM.T0002524	118686	9/22/2022		No	No	No	Yes	No		No
SS.GM.T0009779	118692	9/29/2022		No	No	No	Yes	No		No
SS.GM.T0007840	118694	9/9/2022		No	No	No	Yes	No		No
SS.GM.T0013462	118700	9/19/2022		No	No	No	Yes	No		No
SS.GM.T0000966	118706	9/20/2022		No	No	No	Yes	No		No
SS.GM.T0009541	118709	9/28/2022		No	No	No	Yes	No		No
SS.GM.T0007799	118710	9/7/2022		No	No	No	Yes	No		No
SS.GM.T0007813	118721	9/7/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0007813	118725	9/7/2022		No	No	No	Yes	No		No
SS.GM.T0003337	118729	9/21/2022		No	No	No	Yes	No		No
SS.GM.T0003487	118743	9/9/2022		No	No	No	Yes	No		No
SS.GM.T0007845	118752	9/14/2022		No	No	No	Yes	No		No
SS.GM.T0007328	118754	9/19/2022		No	No	No	Yes	No		No
SS.GM.T0007833	118759	9/15/2022		No	No	No	Yes	No		No
SS.GM.T0003337	118767	9/21/2022		No	No	No	Yes	No		No
SS.GM.T0009779	118788	9/29/2022		No	No	No	Yes	No		No
SS.GM.T0003490	118805	9/15/2022		No	No	No	Yes	No		No
SS.GM.T0002455	118812	9/20/2022		No	No	No	Yes	No		No
SS.GM.T0003386	118813	9/21/2022		No	No	No	Yes	No		No
SS.GM.T0003386	118816	9/21/2022		No	No	No	Yes	No		No
SS.GM.T0003386	118825	9/20/2022		No	No	No	Yes	No		No
SS.GM.T0003337	118830	9/21/2022		No	No	No	Yes	No		No
SS.GM.T0000556	118843	9/1/2022		No	No	No	Yes	No		No
SS.GM.T0007799	118844	9/7/2022		No	No	No	Yes	No		No
SS.GM.T0013128	118854	9/27/2022		No	No	No	Yes	No		No
SS.GM.T0013481	118871	9/19/2022		No	No	No	Yes	No		No
SS.GM.T0007831	118872	9/12/2022		No	No	No	Yes	No		No
SS.GM.T0002530	118879	9/15/2022		No	No	No	Yes	No		No
SS.GM.T0000965	118893	9/29/2022		No	No	No	Yes	No		No
SS.GM.T0002358	101609	10/27/2022		No	No	No	Yes	No		No
SS.GM.T0005349	101637	10/27/2022		No	No	No	Yes	No		No
SS.GM.T0000285	117942	10/8/2022		No	No	Yes	No	No		No
SS.GM.T0000358	117943	10/15/2022		No	No	Yes	No	No		No
SS.GM.T0000286	117944	10/8/2022		No	No	Yes	No	No		No
SS.GM.T0000287	117945	10/8/2022		No	No	Yes	No	No		No
SS.GM.T0000288	117946	10/8/2022		No	No	Yes	No	No		No
SS.GM.T0000290	117947	10/8/2022		No	No	Yes	No	No		No
SS.GM.T0000289	117948	10/8/2022		No	No	Yes	No	No		No
SS.GM.T0000934	118202	10/27/2022		No	No	Yes	No	No		No
SS.GM.T0002410	118206	10/25/2022		No	No	Yes	No	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0006732	118212	10/27/2022		No	No	Yes	No	No		No
SS.GM.T0007034	118215	10/26/2022		No	No	Yes	No	No		No
SS.GM.T0015105	118236	10/26/2022		No	No	Yes	No	No		No
SS.GM.T0001629	118254	10/19/2022		No	Yes	No	No	No		No
SS.GM.T0001899	118257	10/19/2022		No	Yes	No	No	No		No
SS.GM.T0002661	118267	10/18/2022		No	Yes	No	No	No		No
SS.GM.T0003714	118281	10/17/2022		No	Yes	No	No	No		No
SS.GM.T0003713	118282	10/27/2022		No	Yes	No	No	No		No
SS.GM.T0000576	118451	10/7/2022		No	No	No	Yes	No		No
SS.GM.T0009417	118455	10/3/2022		No	No	No	Yes	No		No
SS.GM.T0003377	118465	10/21/2022		No	No	No	Yes	No		No
SS.GM.T0003162	118477	10/12/2022		No	No	No	Yes	No		No
SS.GM.T0002089	118480	10/5/2022		No	No	No	Yes	No		No
SS.GM.T0000901	118494	10/11/2022		No	No	No	Yes	No		No
SS.GM.T0002528	118501	10/8/2022		No	No	No	Yes	No		No
SS.GM.T0009779	118508	10/4/2022		No	No	No	Yes	No		No
SS.GM.T0015061	118513	10/24/2022		No	No	No	Yes	No		No
SS.GM.T0000958	118518	10/19/2022		No	No	No	Yes	No		No
SS.GM.T0000576	118520	10/6/2022		No	No	No	Yes	No		No
SS.GM.T0009356	118523	10/4/2022		No	No	No	Yes	No		No
SS.GM.T0001010	118529	10/21/2022		No	No	No	Yes	No		No
SS.GM.T0002492	118533	10/17/2022		No	No	No	Yes	No		No
SS.GM.T0009779	118536	10/3/2022		No	No	No	Yes	No		No
SS.GM.T0002471	118550	10/27/2022		No	No	No	Yes	No		No
SS.GM.T0001165	118552	10/19/2022		No	No	No	Yes	No		No
SS.GM.T0003162	118557	10/12/2022		No	No	No	Yes	No		No
SS.GM.T0000889	118561	10/11/2022		No	No	No	Yes	No		No
SS.GM.T0000901	118573	10/11/2022		No	No	No	Yes	No		No
SS.GM.T0001270	118580	10/25/2022		No	No	No	Yes	No		No
SS.GM.T0002527	118581	10/6/2022		No	No	No	Yes	No		No
SS.GM.T0003536	118597	10/25/2022		No	No	No	Yes	No		No
SS.GM.T0009357	118616	10/5/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0000900	118621	10/12/2022		No	No	No	Yes	No		No
SS.GM.T0001101	118627	10/11/2022		No	No	No	Yes	No		No
SS.GM.T0009357	118635	10/4/2022		No	No	No	Yes	No		No
SS.GM.T0003346	118643	10/26/2022		No	No	No	Yes	No		No
SS.GM.T0002089	118655	10/5/2022		No	No	No	Yes	No		No
SS.GM.T0000644	118658	10/18/2022		No	No	No	Yes	No		No
SS.GM.T0009357	118667	10/4/2022		No	No	No	Yes	No		No
SS.GM.T0000889	118668	10/10/2022		No	No	No	Yes	No		No
SS.GM.T0003346	118676	10/26/2022		No	No	No	Yes	No		No
SS.GM.T0002089	118687	10/4/2022		No	No	No	Yes	No		No
SS.GM.T0001165	118690	10/19/2022		No	No	No	Yes	No		No
SS.GM.T0000576	118704	10/5/2022		No	No	No	Yes	No		No
SS.GM.T0000633	118705	10/17/2022		No	No	No	Yes	No		No
SS.GM.T0001015	118711	10/27/2022		No	No	No	Yes	No		No
SS.GM.T0009356	118720	10/4/2022		No	No	No	Yes	No		No
SS.GM.T0003346	118724	10/26/2022		No	No	No	Yes	No		No
SS.GM.T0003346	118726	10/26/2022		No	No	No	Yes	No		No
SS.GM.T0003536	118727	10/24/2022		No	No	No	Yes	No		No
SS.GM.T0003346	118732	10/25/2022		No	No	No	Yes	No		No
SS.GM.T0002515	118751	10/17/2022		No	No	No	Yes	No		No
SS.GM.T0001170	118785	10/20/2022		No	No	No	Yes	No		No
SS.GM.T0002510	118790	10/19/2022		No	No	No	Yes	No		No
SS.GM.T0001162	118791	10/13/2022		No	No	No	Yes	No		No
SS.GM.T0000901	118801	10/10/2022		No	No	No	Yes	No		No
SS.GM.T0000900	118811	10/12/2022		No	No	No	Yes	No		No
SS.GM.T0009356	118836	10/3/2022		No	No	No	Yes	No		No
SS.GM.T0003374	118841	10/26/2022		No	No	No	Yes	No		No
SS.GM.T0000835	118846	10/7/2022		No	No	No	Yes	No		No
SS.GM.T0002505	118853	10/24/2022		No	No	No	Yes	No		No
SS.GM.T0002528	118856	10/7/2022		No	No	No	Yes	No		No
SS.GM.T0003377	118867	10/21/2022		No	No	No	Yes	No		No
SS.GM.T0000900	118868	10/10/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0002528	118878	10/6/2022		No	No	No	Yes	No		No
SS.GM.T0002528	118887	10/6/2022		No	No	No	Yes	No		No
SS.GM.T0000576	118889	10/5/2022		No	No	No	Yes	No		No
SS.GM.T0002515	118900	10/13/2022		No	No	No	Yes	No		No
SS.GM.T0002527	118905	10/6/2022		No	No	No	Yes	No		No
SS.GM.T0003356	118908	10/31/2022		No	No	No	Yes	No		No
SS.GM.T0001273	118910	10/25/2022		No	No	No	Yes	No		No
SS.GM.T0000280	117937	11/22/2022		No	No	Yes	No	Yes		No
SS.GM.T0000281	117938	11/22/2022		No	No	Yes	No	Yes		No
SS.GM.T0000282	117939	11/22/2022		No	No	Yes	No	Yes		No
SS.GM.T0000283	117940	11/22/2022		No	No	Yes	No	Yes		No
SS.GM.T0000915	118200	11/17/2022		No	No	Yes	No	No		No
SS.GM.T0000916	118201	11/8/2022		No	No	Yes	No	No		No
SS.GM.T0001102	118203	11/9/2022		No	No	Yes	No	No		No
SS.GM.T0001505	118204	11/3/2022		No	No	Yes	No	No		No
SS.GM.T0006532	118211	11/21/2022		No	No	Yes	No	No		No
SS.GM.T0007038	118213	11/30/2022		No	No	Yes	No	No		No
SS.GM.T0007635	118217	11/15/2022		No	No	Yes	No	No		No
SS.GM.T0007636	118218	11/28/2022		No	No	Yes	No	No		No
SS.GM.T0007638	118219	11/10/2022		No	No	Yes	No	No		No
SS.GM.T0007637	118220	11/10/2022		No	No	Yes	No	No		No
SS.GM.T0007639	118221	11/17/2022		No	No	Yes	No	No		No
SS.GM.T0007640	118222	11/17/2022		No	No	Yes	No	No		No
SS.GM.T0009545	118227	11/23/2022		No	No	Yes	No	No		No
SS.GM.T0009546	118228	11/23/2022		No	No	Yes	No	No		No
SS.GM.T0013429	118234	11/2/2022		No	No	Yes	No	No		No
SS.GM.T0000952	118244	11/22/2022		No	Yes	No	No	No		No
SS.GM.T0001897	118256	11/30/2022		No	Yes	No	No	No		No
SS.GM.T0001993	118258	11/29/2022		No	Yes	No	No	No		No
SS.GM.T0002522	118264	11/23/2022		No	Yes	No	No	No		No
SS.GM.T0002521	118266	11/22/2022		No	Yes	No	No	No		No
SS.GM.T0003221	118270	11/29/2022		No	Yes	No	No	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0003152	118272	11/15/2022		No	Yes	No	No	No		No
SS.GM.T0005651	118289	11/2/2022		No	Yes	No	No	No		No
SS.GM.T0005659	118290	11/7/2022		No	Yes	No	No	No		No
SS.GM.T0005676	118291	11/1/2022		No	Yes	No	No	No		No
SS.GM.T0009419	118297	11/15/2022		No	Yes	No	No	No		No
SS.GM.T0007984	118299	11/1/2022		No	Yes	No	No	No		No
SS.GM.T0005656	118330	11/3/2022		No	No	No	No	Yes		No
SS.GM.T0002215	118358	11/3/2022		No	No	No	No	Yes		No
SS.GM.T0002996	118394	11/30/2022		No	No	No	No	Yes		No
SS.GM.T0005656	118396	11/3/2022		No	No	No	No	Yes		No
SS.GM.T0002157	118442	11/2/2022		No	No	No	No	Yes		No
SS.GM.T0002417	118449	11/15/2022		No	No	No	Yes	No		No
SS.GM.T0001588	118479	11/21/2022		No	No	No	Yes	No		No
SS.GM.T0002051	118481	11/8/2022		No	No	No	Yes	No		No
SS.GM.T0002051	118484	11/4/2022		No	No	No	Yes	No		No
SS.GM.T0001456	118499	11/16/2022		No	No	No	Yes	No		No
SS.GM.T0001318	118510	11/10/2022		No	No	No	Yes	No		No
SS.GM.T0003295	118512	11/21/2022		No	No	No	Yes	No		No
SS.GM.T0001318	118553	11/10/2022		No	No	No	Yes	No		No
SS.GM.T0001302	118564	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0001318	118584	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0003374	118594	11/2/2022		No	No	No	Yes	No		No
SS.GM.T0003531	118605	11/15/2022		No	No	No	Yes	No		No
SS.GM.T0002051	118624	11/3/2022		No	No	No	Yes	No		No
SS.GM.T0003291	118642	11/28/2022		No	No	No	Yes	No		No
SS.GM.T0003356	118647	11/7/2022		No	No	No	Yes	No		No
SS.GM.T0002417	118651	11/15/2022		No	No	No	Yes	No		No
SS.GM.T0003291	118661	11/28/2022		No	No	No	Yes	No		No
SS.GM.T0001082	118665	11/2/2022		No	No	No	Yes	No		No
SS.GM.T0001082	118670	11/2/2022		No	No	No	Yes	No		No
SS.GM.T0001082	118675	11/2/2022		No	No	No	Yes	No		No
SS.GM.T0001394	118680	11/16/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0001082	118682	11/1/2022		No	No	No	Yes	No		No
SS.GM.T0003291	118683	11/22/2022		No	No	No	Yes	No		No
SS.GM.T0001302	118684	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0001082	118693	11/1/2022		No	No	No	Yes	No		No
SS.GM.T0003321	118696	11/17/2022		No	No	No	Yes	No		No
SS.GM.T0003531	118701	11/15/2022		No	No	No	Yes	No		No
SS.GM.T0003356	118730	11/1/2022		No	No	No	Yes	No		No
SS.GM.T0002417	118733	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0003523	118742	11/8/2022		No	No	No	Yes	No		No
SS.GM.T0003321	118746	11/17/2022		No	No	No	Yes	No		No
SS.GM.T0001302	118747	11/8/2022		No	No	No	Yes	No		No
SS.GM.T0002051	118748	11/3/2022		No	No	No	Yes	No		No
SS.GM.T0003523	118753	11/8/2022		No	No	No	Yes	No		No
SS.GM.T0003523	118758	11/8/2022		No	No	No	Yes	No		No
SS.GM.T0002407	118774	11/30/2022		No	No	No	Yes	No		No
SS.GM.T0003356	118806	11/1/2022		No	No	No	Yes	No		No
SS.GM.T0003523	118809	11/8/2022		No	No	No	Yes	No		No
SS.GM.T0003531	118837	11/10/2022		No	No	No	Yes	No		No
SS.GM.T0001318	118850	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0001586	118855	11/28/2022		No	No	No	Yes	No		No
SS.GM.T0002996	118865	11/29/2022		No	No	No	Yes	No		No
SS.GM.T0002417	118873	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0002459	118885	11/21/2022		No	No	No	Yes	No		No
SS.GM.T0002051	118888	11/3/2022		No	No	No	Yes	No		No
SS.GM.T0001300	118899	11/9/2022		No	No	No	Yes	No		No
SS.GM.T0003531	118903	11/10/2022		No	No	No	Yes	No		No
SS.GM.T0001304	118911	11/4/2022		No	No	No	Yes	No		No
SS.GM.T0001304	118912	11/3/2022		No	No	No	Yes	No		No
SS.GM.T0001304	118914	11/3/2022		No	No	No	Yes	No		No
SS.GM.T0001304	118920	11/3/2022		No	No	No	Yes	No		No
SS.GM.T0013822	117924	12/4/2022		No	No	Yes	No	Yes		No
SS.GM.T0000244	117925	12/8/2022		No	No	Yes	No	Yes		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0000272	117926	12/8/2022		No	No	Yes	No	Yes		No
SS.GM.T0000270	117927	12/8/2022		No	No	Yes	No	Yes		No
SS.GM.T0000271	117928	12/8/2022		No	No	Yes	No	Yes		No
SS.GM.T0000273	117929	12/4/2022		No	No	Yes	No	Yes		No
SS.GM.T0000274	117930	12/4/2022		No	No	Yes	No	Yes		No
SS.GM.T0000275	117931	12/4/2022		No	No	Yes	No	Yes		No
SS.GM.T0000277	117933	12/20/2022		No	No	Yes	No	Yes		No
SS.GM.T0000278	117934	12/20/2022		No	No	Yes	No	Yes		No
SS.GM.T0013823	117935	12/4/2022		No	No	Yes	No	Yes		No
SS.GM.T0000279	117936	12/17/2022		No	No	Yes	No	Yes		No
SS.GM.T0000284	117941	12/15/2022		No	No	Yes	No	No		No
SS.GM.T0003331	118208	12/15/2022		No	No	Yes	No	No		No
SS.GM.T0008210	118225	12/8/2022		No	No	Yes	No	No		No
SS.GM.T0008211	118226	12/8/2022		No	No	Yes	No	No		No
SS.GM.T0000931	118243	12/12/2022		No	Yes	No	No	No		No
SS.GM.T0001161	118249	12/20/2022		No	Yes	No	No	No		No
SS.GM.T0002207	118259	12/2/2022		No	Yes	No	No	No		No
SS.GM.T0003541	118280	12/15/2022		No	Yes	No	No	No		No
SS.GM.T0007059	118294	12/6/2022		No	Yes	No	No	No		No
SS.GM.T0013871	118448	12/13/2022		No	No	No	Yes	No		No
SS.GM.T0001137	118496	12/7/2022		No	No	No	Yes	No		No
SS.GM.T0002402	118500	12/15/2022		No	No	No	Yes	No		No
SS.GM.T0002005	118509	12/21/2022		No	No	No	Yes	No		No
SS.GM.T0002409	118554	12/6/2022		No	No	No	Yes	No		No
SS.GM.T0001830	118576	12/15/2022		No	No	No	Yes	No		No
SS.GM.T0002183	118601	12/15/2022		No	No	No	Yes	No		No
SS.GM.T0002191	118614	12/12/2022		No	No	No	Yes	No		No
SS.GM.T0001129	118625	12/8/2022		No	No	No	Yes	No		No
SS.GM.T0001830	118634	12/16/2022		No	No	No	Yes	No		No
SS.GM.T0002412	118645	12/7/2022		No	No	No	Yes	No		No
SS.GM.T0001913	118714	12/14/2022		No	No	No	Yes	No		No
SS.GM.T0009997	118734	12/8/2022		No	No	No	Yes	No		No

Table L-1b: Gravity Sewer Main Repairs - Contractors

Asset ID	Work Order	Date Completed	Address	Open Cut	Pipe Burst	CIPP	Point Repair	Internal Point Repair	Feet Repaired or Replaced	Entire Pipe Replaced
SS.GM.T0002407	118736	12/1/2022		No	No	No	Yes	No		No
SS.GM.T0002412	118739	12/7/2022		No	No	No	Yes	No		No
SS.GM.T0002409	118771	12/6/2022		No	No	No	Yes	No		No
SS.GM.T0002054	118782	12/5/2022		No	No	No	Yes	No		No
SS.GM.T0002005	118818	12/21/2022		No	No	No	Yes	No		No
SS.GM.T0002409	118829	12/5/2022		No	No	No	Yes	No		No
SS.GM.T0002409	118847	12/1/2022		No	No	No	Yes	No		No
SS.GM.T0002041	118851	12/15/2022		No	No	No	Yes	No		No
SS.GM.T0001126	118852	12/12/2022		No	No	No	Yes	No		No
SS.GM.T0003255	118880	12/6/2022		No	No	No	Yes	No		No
SS.GM.T0012815	118894	12/13/2022		No	No	No	Yes	No		No
SS.GM.T0013007	118935	12/7/2022		No	No	No	No	No	344	Yes
									25,235 Feet 4.78 Miles	

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	101555	2/25/2022	3	560	D	SS.GM.T0012543	Pipe Burst or Replace
	101565	2/1/2022	3	1015	D	SS.GM.T0003274	Cured In Place Pipe Liner
Added CIPP Liner	101566	2/10/2022	2	384	B	SS.GM.T0004159	Monitor in CMOM
Added CIPP Liner	101567	2/5/2022	2	417	C	SS.GM.T0003888	Monitor in CMOM
Added CIPP Liner	101569	2/8/2022	2	418	C	SS.GM.T0006367	Monitor in CMOM
	101570	3/28/2022	3	867	D	SS.GM.T0006366	Cured In Place Pipe Liner
	101571	2/4/2022	3	870	D	SS.GM.T0006507	Cured In Place Pipe Liner
	101581	2/22/2022	3	459	D	SS.GM.T0008129	Cured In Place Pipe Liner
	101582	2/16/2022	3	697	D	SS.GM.T0008206	Cured In Place Pipe Liner
Added CIPP Liner	101583	2/15/2022	3	505	C	SS.GM.T0008220	Monitor in CMOM
	101584	2/24/2022	3	197	D	SS.GM.T0010718	Cured In Place Pipe Liner
	101588	2/9/2022	3	829	D	SS.GM.T0003943	Pipe Burst or Replace
	101605	1/13/2022	3	1576	D	SS.GM.T0001569	Point Repair
	101606	1/29/2022	3	1419	D	SS.GM.T0001799	Point Repair
	101608	2/14/2022	3	984	D	SS.GM.T0001933	Point Repair
	101626	1/7/2022	3	354	D	SS.GM.T0004410	Point Repair
	101627	2/28/2022	3	359	D	SS.GM.T0004415	Point Repair & Add to Root Removal Program in CMOM
	101628	1/21/2022	3	357	D	SS.GM.T0004413	Point Repair
	101629	2/10/2022	3	360	D	SS.GM.T0004417	Point Repair
	101630	1/21/2022	3	363	D	SS.GM.T0004422	Point Repair
	101631	3/4/2022	3	364	D	SS.GM.T0004423	Point Repair
	101632	1/17/2022	3	362	D	SS.GM.T0004420	Point Repair & Inspect
	101633	1/8/2022	3	369	D	SS.GM.T0004428	Point Repair
	101634	1/18/2022	3	370	D	SS.GM.T0004429	Point Repair & Inspect
	101639	3/23/2022	3	401	D	SS.GM.T0005547	Point Repair
	101640	1/8/2022	3	405	D	SS.GM.T0005554	Point Repair
	101641	2/8/2022	3	407	D	SS.GM.T0005556	Point Repair
	101646	1/4/2022	3	423	D	SS.GM.T0005862	Point Repair
	101647	1/5/2022	3	421	D	SS.GM.T0005860	Point Repair
	101648	1/6/2022	3	425	D	SS.GM.T0005864	Point Repair
	101649	1/11/2022	3	427	D	SS.GM.T0005866	Point Repair
	101650	1/3/2022	3	655	D	SS.GM.T0005880	Point Repair
	101651	3/9/2022	3	658	D	SS.GM.T0005883	Point Repair
	101658	2/7/2022	3	883	D	SS.GM.T0008081	Point Repair
	101664	3/4/2022	3	456	D	SS.GM.T0008115	Point Repair
	101682	1/18/2022	3	1026	D	SS.GM.T0009893	Point Repair
	101691	2/14/2022	3	1654	D	SS.GM.T0010402	Point Repair

Table L-1c: Group #2, #3 #4 and Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	101692	1/10/2022	3	731	D	SS.GM.T0010645	Point Repair
	101693	1/10/2022	3	746	D	SS.GM.T0011760	Point Repair
	101694	1/18/2022	3	1673	D	SS.GM.T0011249	Point Repair
	101695	1/12/2022	3	752	D	SS.GM.T0011766	Sectional Liner
	101699	1/19/2022	3	769	D	SS.GM.T0012029	Point Repair
	101701	2/14/2022	3	1234	D	SS.GM.T0012452	Point Repair
	101705	1/23/2022	3	715	D	SS.GM.T0013035	Point Repair & Add to Root Removal Program in CMOM
	101707	1/14/2022	3	1597	D	SS.GM.T0013664	Point Repair
Completed Point Repair	104402	1/27/2022	2	1772	C	SS.GM.T0014103	Monitor in CMOM
CIPP Liner	104403	2/2/2022				SS.GM.T0014348	
	104404	1/27/2022	2	1736	D	SS.GM.T0006314	Point Repair
	104405	1/26/2022	2	300	D	SS.GM.T0007078	Point Repair
	104664	1/18/2022	2	1467	D	SS.GM.T0005812	Point Repair
	104665	1/19/2022	2	1507	D	SS.GM.T0006232	Point Repair
	104666	1/25/2022	2	264	D	SS.GM.T0006033	Point Repair
	104676	2/8/2022	2	263	D	SS.GM.T0009296	Point Repair
	104679	1/25/2022	2	393	D	SS.GM.T0014107	Point Repair
	104680	2/10/2022	2	1269	D	SS.GM.T0009751	Point Repair
	104681	2/8/2022	2	1807	D	SS.GM.T0014172	Point Repair/Pipe Burst/Replace
	104682	1/25/2022	2	1846	D	SS.GM.T0014215	Point Repair
Internal Point Repair	104683	2/10/2022				SS.GM.T0014722	
Pipeburst	107275	1/17/2022				SS.GM.T0004840	
	115738	3/1/2022	3	130	D	SS.GM.T0010669	Cured In Place Pipe Liner
	115739	3/1/2022	3	131	D	SS.GM.T0010670	Cured In Place Pipe Liner
	115740	3/1/2022	3	132	D	SS.GM.T0010671	Cured In Place Pipe Liner
	115741	2/28/2022	3	134	D	SS.GM.T0010673	Cured In Place Pipe Liner
	115742	3/1/2022	3	133	D	SS.GM.T0010672	Cured In Place Pipe Liner
	115743	2/28/2022	3	135	D	SS.GM.T0010674	Cured In Place Pipe Liner
	115744	2/28/2022	3	136	D	SS.GM.T0010675	Cured In Place Pipe Liner
	115745	2/23/2022	3	138	D	SS.GM.T0010677	Cured In Place Pipe Liner
	115746	2/23/2022	3	139	D	SS.GM.T0010678	Cured In Place Pipe Liner
	115747	2/23/2022	3	137	D	SS.GM.T0010676	Cured In Place Pipe Liner
	115748	2/21/2022	3	140	D	SS.GM.T0010679	Cured In Place Pipe Liner
	115749	2/21/2022	3	141	D	SS.GM.T0010680	Cured In Place Pipe Liner
	115750	2/21/2022	3	149	D	SS.GM.T0010688	Cured In Place Pipe Liner
	115751	1/25/2022	3	150	D	SS.GM.T0010689	Cured In Place Pipe Liner
	115752	1/25/2022	3	152	D	SS.GM.T0010691	Cured In Place Pipe Liner

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	115753	1/25/2022	3	151	D	SS.GM.T0010690	Cured In Place Pipe Liner
	115754	1/21/2022	3	153	D	SS.GM.T0010692	Cured In Place Pipe Liner
	115755	1/21/2022	3	155	D	SS.GM.T0010694	Cured In Place Pipe Liner
	115756	1/18/2022	3	156	D	SS.GM.T0010695	Cured In Place Pipe Liner
	115757	1/21/2022	3	154	D	SS.GM.T0010693	Cured In Place Pipe Liner
	115758	1/15/2022	3	158	D	SS.GM.T0010697	Cured In Place Pipe Liner
	115759	1/18/2022	3	157	D	SS.GM.T0010696	Cured In Place Pipe Liner
	115760	1/18/2022	3	119	D	SS.GM.T0010018	Cured In Place Pipe Liner
	115761	1/15/2022	3	143	D	SS.GM.T0010682	Cured In Place Pipe Liner
	115762	1/15/2022	3	142	D	SS.GM.T0010681	Cured In Place Pipe Liner
Replaced Entire Pipe by CIPP	115763	1/15/2022				SS.GM.T0015163	
	115764	1/15/2022	3	145	D	SS.GM.T0010684	Cured In Place Pipe Liner
Added CIPP Liner	115765	1/13/2022	3	120	C	SS.GM.T0010657	Monitor in CMOM
Added CIPP Liner	115766	1/13/2022	3	146	C	SS.GM.T0010685	Monitor in CMOM
Added CIPP Liner	115768	1/13/2022	3	144	C	SS.GM.T0010683	Monitor in CMOM
	118043	2/19/2022	3	1485	D	SS.GM.T0010811	Cured In Place Pipe Liner
	118044	2/12/2022	3	1507	D	SS.GM.T0013661	Cured In Place Pipe Liner
	118045	2/12/2022	3	1418	D	SS.GM.T0001798	Cured In Place Pipe Liner
	118048	2/12/2022	3	1517	D	SS.GM.T0014657	Cured In Place Pipe Liner
Replaced Entire Pipe by Pipebursting	90818	3/14/2022				SS.GM.T0005816	
	90820	3/14/2022	2	715	D	SS.GM.T0005817	Replace Mainline
	90960	2/16/2022	2	1480	D	SS.GM.T0005127	Point Repair
	98943	1/28/2022	2	1365	D	SS.GM.T0005815	Point Repair
	98946	1/27/2022	2	208	E	SS.GM.T0006107	Point Repair
	98952	1/27/2022	2	74	D	SS.GM.T0006873	Point Repair
	98954	1/24/2022	2	1548	D	SS.GM.T0007400	Point Repair
	98963	1/28/2022	2	794	D	SS.GM.T0009205	Point Repair
	99903	1/7/2022	2	1397	D	SS.GM.T0005110	Pipe Burst or Replace
	99905	1/14/2022	2	1479	D	SS.GM.T0005118	Pipe Burst or Replace
	99911	1/17/2022	2	363	D	SS.GM.T0008098	Pipe Burst or Replace
	101638	6/20/2022	3	402	D	SS.GM.T0005548	Point Repair
	101689	6/16/2022	3	1091	D	SS.GM.T0010366	Point Repair
	101702	6/16/2022	3	552	D	SS.GM.T0012535	Point Repair
	101706	6/20/2022	3	574	D	SS.GM.T0013246	Point Repair
	101709	6/16/2022	3	1361	D	SS.GM.T0014313	Point Repair
	101710	6/15/2022	3	924	D	SS.GM.T0014259	Point Repair
	104406	6/16/2022	2	452	D	SS.GM.T0008449	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	115717	5/3/2022	3	1619	D	SS.GM.T0013004	Replace
	115718	5/2/2022	3	1610	D	SS.GM.T0012609	Cured In Place Pipe Liner
	115719	5/2/2022	3	1617	D	SS.GM.T0012617	Cured In Place Pipe Liner
	115720	5/2/2022	3	1611	D	SS.GM.T0012610	Cured In Place Pipe Liner
	115721	5/3/2022	3	1622	D	SS.GM.T0014574	Cured In Place Pipe Liner
	115722	5/2/2022	3	1612	D	SS.GM.T0012611	Cured In Place Pipe Liner
	115723	4/28/2022	3	1606	D	SS.GM.T0010017	Cured In Place Pipe Liner
	115724	4/28/2022	3	1614	D	SS.GM.T0012614	Cured In Place Pipe Liner
	115725	4/28/2022	3	1613	D	SS.GM.T0012613	Cured In Place Pipe Liner
	115726	4/19/2022	3	1616	D	SS.GM.T0012616	Cured In Place Pipe Liner
	115727	4/19/2022	3	1615	D	SS.GM.T0012615	Cured In Place Pipe Liner
Added CIPP Liner	115728	4/19/2022	3	1607	C	SS.GM.T0010659	Monitor in CMOM
	115729	4/19/2022	3	1620	D	SS.GM.T0013130	Cured In Place Pipe Liner
	115730	4/19/2022	3	123	D	SS.GM.T0010661	Cured In Place Pipe Liner
	115731	4/18/2022	3	122	D	SS.GM.T0010660	Cured In Place Pipe Liner
	115732	4/18/2022	3	124	D	SS.GM.T0010662	Cured In Place Pipe Liner
	115733	4/18/2022	3	125	D	SS.GM.T0010663	Cured In Place Pipe Liner
	115734	4/14/2022	3	126	D	SS.GM.T0010665	Cured In Place Pipe Liner
	115735	4/14/2022	3	127	D	SS.GM.T0010666	Cured In Place Pipe Liner
	115736	4/14/2022	3	128	D	SS.GM.T0010667	Cured In Place Pipe Liner
	115737	4/14/2022	3	129	D	SS.GM.T0010668	Cured In Place Pipe Liner
	118000	6/11/2022	3	885	D	SS.GM.T0008125	Cured In Place Pipe Liner
	118001	6/11/2022	3	877	B	SS.GM.T0007037	Monitor in CMOM
	118002	5/14/2022	3	880	D	SS.GM.T0007047	Cured In Place Pipe Liner
	118003	6/11/2022	3	884	D	SS.GM.T0008124	Cured In Place Pipe Liner
	118007	5/14/2022	3	932	D	SS.GM.T0004338	Cured In Place Pipe Liner
	118008	6/4/2022	3	233	C	SS.GM.T0012005	Monitor in CMOM
	118009	6/7/2022	3	229	D	SS.GM.T0011989	Cured In Place Pipe Liner
	118010	6/4/2022	3	232	C	SS.GM.T0012004	Monitor in CMOM
	118011	5/28/2022	3	231	C	SS.GM.T0012003	Monitor in CMOM
	118012	5/28/2022	3	243	D	SS.GM.T0013344	Cured In Place Pipe Liner
Added CIPP Liner	118013	5/28/2022	3	217	C	SS.GM.T0010739	Add to High Frequency Cleaning in CMOM
Added CIPP Liner	118014	6/18/2022	3	215	C	SS.GM.T0010737	Add to High Frequency Cleaning in CMOM
	118015	6/6/2022	3	216	D	SS.GM.T0010738	Cured In Place Pipe Liner
	118016	6/18/2022	3	249	C	SS.GM.T0013564	Cured In Place Pipe Liner
	118017	6/18/2022	3	214	C	SS.GM.T0010736	Cured In Place Pipe Liner
	118018	6/18/2022	3	213	D	SS.GM.T0010735	Cured In Place Pipe Liner

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118019	6/25/2022	3	239	D	SS.GM.T0012607	Cured In Place Pipe Liner
	118020	6/25/2022	3	262	D	SS.GM.T0014261	Cured In Place Pipe Liner
	118021	6/7/2022	3	240	D	SS.GM.T0012608	Cured In Place Pipe Liner
	118022	6/11/2022	3	253	D	SS.GM.T0013897	Cured In Place Pipe Liner
	118023	6/4/2022	3	207	D	SS.GM.T0010729	Cured In Place Pipe Liner
	118024	6/4/2022	3	208	D	SS.GM.T0010730	Cured In Place Pipe Liner
	118025	5/27/2022	3	212	D	SS.GM.T0010734	Cured In Place Pipe Liner
	118026	5/21/2022	3	206	D	SS.GM.T0010728	Cured In Place Pipe Liner
	118027	5/26/2022	3	265	D	SS.GM.T0014756	Cured In Place Pipe Liner
	118028	6/25/2022	3	203	D	SS.GM.T0010725	Cured In Place Pipe Liner
	118029	6/25/2022	3	204	D	SS.GM.T0010726	Cured In Place Pipe Liner
	118030	4/2/2022	3	1459	D	SS.GM.T0009489	Point Repair and Grout Joints
	118031	4/9/2022	3	1512	D	SS.GM.T0014498	Cured In Place Pipe Liner
	118032	4/9/2022	3	1446	D	SS.GM.T0002907	Pipe Burst or Replace
	118033	4/23/2022	3	1502	D	SS.GM.T0013410	Cured In Place Pipe Liner
	118034	4/23/2022	3	1509	D	SS.GM.T0013808	Cured In Place Pipe Liner
Added CIPP Liner	118035	4/2/2022	3	1434	B	SS.GM.T0002787	Add to High Frequency Cleaning in CMOM
	118036	4/9/2022	3	1442	D	SS.GM.T0002900	Cured In Place Pipe Liner
	118037	4/2/2022	3	1435	D	SS.GM.T0002789	Cured In Place Pipe Liner
	118038	4/2/2022	3	1508	C	SS.GM.T0013714	Monitor in CMOM
	118039	5/1/2022	3	1575	D	SS.GM.T0001568	Cured In Place Pipe Liner
	118040	5/1/2022	3	1589	D	SS.GM.T0011234	Cured In Place Pipe Liner
	118041	5/1/2022	3	1596	D	SS.GM.T0013149	Cured In Place Pipe Liner
	118042	5/1/2022	3	1599	D	SS.GM.T0014655	Cured In Place Pipe Liner
	118046	6/1/2022	3	1387	D	SS.GM.T0003198	Cured In Place Pipe Liner
	118047	4/23/2022	3	1670	D	SS.GM.T0011244	Cured In Place Pipe Liner
	118049	4/16/2022	3	1545	D	SS.GM.T0011246	Cured In Place Pipe Liner
CIPP Liner	118050	4/16/2022				SS.GM.T0014662	
	118051	4/16/2022	3	1544	C	SS.GM.T0011245	Monitor in CMOM
	101574	7/21/2022	3	298	D	SS.GM.T0007340	Cured In Place Pipe Liner
Added CIPP Liner	101575	7/29/2022	3	297	C	SS.GM.T0006901	Monitor in CMOM
Added CIPP Liner	101576	7/29/2022	3	300	C	SS.GM.T0007384	Monitor in CMOM
	101577	7/26/2022	3	301	D	SS.GM.T0007385	Cured In Place Pipe Liner
Added CIPP Liner	101578	7/24/2022	3	302	C	SS.GM.T0007386	Monitor in CMOM
Added CIPP Liner	101579	7/22/2022	3	304	C	SS.GM.T0007388	Monitor in CMOM
	101580	7/24/2022	3	303	D	SS.GM.T0007387	Cured In Place Pipe Liner
	101613	8/11/2022	3	622	D	SS.GM.T0004107	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	101645	8/11/2022	3	417	D	SS.GM.T0005856	Point Repair
	117961	7/31/2022	3	509	D	SS.GM.T0008253	Cured In Place Pipe Liner
	117962	7/29/2022	3	510	D	SS.GM.T0008254	Cured In Place Pipe Liner
	117963	7/27/2022	3	511	C	SS.GM.T0008255	Monitor in CMOM
	117964	7/23/2022	3	512	C	SS.GM.T0008256	Monitor in CMOM
	117965	7/20/2022	3	582	C	SS.GM.T0013506	Monitor in CMOM
	117966	7/20/2022	3	513	D	SS.GM.T0008257	Point Repair
	117967	7/20/2022	3	581	D	SS.GM.T0013505	Cured In Place Pipe Liner
	117968	7/16/2022	3	413	D	SS.GM.T0005650	Cured In Place Pipe Liner
	117969	7/16/2022	3	540	C	SS.GM.T0010698	Monitor in CMOM
	117970	7/16/2022	3	373	C	SS.GM.T0005329	Monitor in CMOM
	117971	8/6/2022	3	374	C	SS.GM.T0005330	Monitor in CMOM
	117972	8/4/2022	3	375	D	SS.GM.T0005331	Cured In Place Pipe Liner
	117973	8/4/2022	3	376	D	SS.GM.T0005332	Cured In Place Pipe Liner
	117975	8/4/2022	3	316	D	SS.GM.T0003695	Cured In Place Pipe Liner
	117983	8/29/2022	3	62	D	SS.GM.T0000251	Cured In Place Pipe Liner
	117984	8/29/2022	3	63	D	SS.GM.T0000252	Cured In Place Pipe Liner
	117985	8/27/2022	3	65	D	SS.GM.T0000254	Cured In Place Pipe Liner
	117986	8/18/2022	3	68	D	SS.GM.T0000257	Cured In Place Pipe Liner
	117987	8/20/2022	3	67	D	SS.GM.T0000256	Cured In Place Pipe Liner
	117988	8/18/2022	3	69	D	SS.GM.T0000258	Cured In Place Pipe Liner
	117989	8/18/2022	3	70	D	SS.GM.T0000259	Cured In Place Pipe Liner
	117990	8/18/2022	3	71	D	SS.GM.T0000260	Cured In Place Pipe Liner
	117992	8/15/2022	3	283	D	SS.GM.T0013345	Cured In Place Pipe Liner
	117993	8/13/2022	3	275	D	SS.GM.T0007350	Cured In Place Pipe Liner
	117994	8/13/2022	3	282	D	SS.GM.T0007659	Cured In Place Pipe Liner
	117995	7/16/2022	3	506	D	SS.GM.T0008221	Cured In Place Pipe Liner
	117996	7/16/2022	3	390	D	SS.GM.T0005346	Cured In Place Pipe Liner
	118004	7/9/2022	3	897	D	SS.GM.T0008330	Cured In Place Pipe Liner
	118005	7/9/2022	3	832	D	SS.GM.T0004166	Cured In Place Pipe Liner
	118006	7/9/2022	3	833	D	SS.GM.T0004167	Cured In Place Pipe Liner
	118447	7/27/2022	4	1958	D	SS.GM.T0013315	Point Repair
	118452	8/3/2022	4	1485	D	SS.GM.T0007981	Point Repair
	118456	8/17/2022	4	1372	D	SS.GM.T0007300	Point Repair
	118458	8/5/2022	4	1487	D	SS.GM.T0007983	Point Repair
	118464	8/24/2022	4	1436	D	SS.GM.T0007803	Point Repair
	118466	7/29/2022	4	1293	D	SS.GM.T0006483	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118467	7/27/2022	4	1958	D	SS.GM.T0013315	Point Repair
	118474	8/15/2022	4	569	D	SS.GM.T0002158	Point Repair
	118478	8/16/2022	4	953	D	SS.GM.T0003191	Point Repair
	118502	8/11/2022	4	1318	D	SS.GM.T0006591	Point Repair & Replace Section
	118521	8/12/2022	4	1248	D	SS.GM.T0005665	Point Repair
	118524	8/1/2022	4	1497	D	SS.GM.T0008385	Point Repair
	118525	8/2/2022	4	1496	D	SS.GM.T0008384	Point Repair
	118542	8/19/2022	4	1444	D	SS.GM.T0007811	Point Repair
	118546	8/24/2022	4	1412	D	SS.GM.T0007623	Point Repair
	118551	8/17/2022	4	1310	D	SS.GM.T0006580	Point Repair
	118559	7/28/2022	4	1353	D	SS.GM.T0007139	Point Repair
	118563	7/27/2022	4	1958	D	SS.GM.T0013315	Point Repair
	118567	7/29/2022	4	1276	D	SS.GM.T0006053	Point Repair
	118568	8/25/2022	4	1441	D	SS.GM.T0007808	Point Repair
	118571	8/16/2022	4	956	D	SS.GM.T0003194	Point Repair
	118585	8/15/2022	4	953	D	SS.GM.T0003191	Point Repair
	118590	7/26/2022	4	1345	D	SS.GM.T0007005	Point Repair
	118593	8/4/2022	4	1400	D	SS.GM.T0007594	Point Repair & Add to Root Removal Program in CMOM
	118595	7/28/2022	4	1293	D	SS.GM.T0006483	Point Repair
	118606	8/25/2022	4	1441	D	SS.GM.T0007808	Point Repair
	118607	8/23/2022	4	1412	D	SS.GM.T0007623	Point Repair
	118608	8/4/2022	4	1484	D	SS.GM.T0007980	Point Repair & Add to Root Removal Program in CMOM
	118618	8/25/2022	4	1441	D	SS.GM.T0007808	Point Repair
	118619	7/28/2022	4	1353	D	SS.GM.T0007139	Point Repair
	118630	7/27/2022	4	1353	D	SS.GM.T0007139	Point Repair
	118633	8/24/2022	4	1325	D	SS.GM.T0006625	Point Repair
	118649	8/23/2022	4	1361	D	SS.GM.T0007289	Point Repair
	118657	8/16/2022	4	1310	D	SS.GM.T0006580	Point Repair
	118669	8/22/2022	4	1361	D	SS.GM.T0007289	Point Repair
	118681	8/19/2022	4	1482	D	SS.GM.T0007976	Point Repair
	118708	8/4/2022	4	1507	D	SS.GM.T0008406	Point Repair
	118713	8/3/2022	4	1263	D	SS.GM.T0005680	Point Repair
	118716	7/29/2022	4	1202	D	SS.GM.T0003893	Point Repair
	118717	8/29/2022	4	1442	D	SS.GM.T0007809	Point Repair
	118718	8/29/2022	4	1136	D	SS.GM.T0003525	Point Repair
	118723	8/11/2022	4	1248	D	SS.GM.T0005665	Point Repair
	118731	8/3/2022	4	1507	D	SS.GM.T0008406	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118735	8/18/2022	4	1444	D	SS.GM.T0007811	Point Repair
	118737	8/3/2022	4	1507	D	SS.GM.T0008406	Point Repair
	118738	8/5/2022	4	1320	E	SS.GM.T0006593	Point Repair
	118762	8/18/2022	4	1309	D	SS.GM.T0006579	Point Repair
	118768	8/2/2022	4	1507	D	SS.GM.T0008406	Point Repair
	118780	8/23/2022	4	1325	D	SS.GM.T0006625	Point Repair
	118789	8/26/2022	4	1375	D	SS.GM.T0007306	Point Repair
	118803	8/29/2022	4	1442	D	SS.GM.T0007809	Point Repair
	118815	8/2/2022	4	1507	D	SS.GM.T0008406	Point Repair
	118826	8/9/2022	4	1316	D	SS.GM.T0006589	Point Repair
	118831	8/24/2022	4	1111	D	SS.GM.T0003471	Point Repair
	118835	8/26/2022	4	1375	D	SS.GM.T0007306	Point Repair
	118838	8/10/2022	4	1489	D	SS.GM.T0007985	Point Repair
	118845	8/26/2022	4	552	D	SS.GM.T0002140	Point Repair
	118849	7/27/2022	4	1958	D	SS.GM.T0013315	Point Repair
	118857	7/29/2022	4	1278	D	SS.GM.T0006117	Point Repair
	118859	8/18/2022	4	72	D	SS.GM.T0000932	Point Repair
	118860	8/19/2022	4	1305	D	SS.GM.T0006575	Point Repair
	118862	8/24/2022	4	1436	D	SS.GM.T0007803	Point Repair
	118863	8/10/2022	4	1489	D	SS.GM.T0007985	Point Repair
	118864	8/12/2022	4	1299	D	SS.GM.T0006531	Point Repair
Point Repair	118866	8/24/2022				SS.GM.T0007669	
	118869	8/17/2022	4	1444	D	SS.GM.T0007811	Point Repair
	118874	7/28/2022	4	1293	D	SS.GM.T0006483	Point Repair
	118883	7/27/2022	4	1228	D	SS.GM.T0005377	Point Repair
	118884	7/26/2022	4	1958	D	SS.GM.T0013315	Point Repair
	118891	8/26/2022	4	1375	D	SS.GM.T0007306	Point Repair
	118895	8/16/2022	4	1129	D	SS.GM.T0003499	Point Repair
	118915	8/2/2022	4	1203	D	SS.GM.T0003894	Point Repair & Add to Root Removal Program in CMOM
	118916	8/2/2022	4	1203	D	SS.GM.T0003894	Point Repair & Add to Root Removal Program in CMOM
	118919	8/25/2022	4	1411	D	SS.GM.T0007622	Point Repair
	118921	8/1/2022	4	1203	D	SS.GM.T0003894	Point Repair & Add to Root Removal Program in CMOM
	118925	8/1/2022	4	1203	D	SS.GM.T0003894	Point Repair & Add to Root Removal Program in CMOM
	118926	8/25/2022	4	1411	D	SS.GM.T0007622	Point Repair
	118940	8/9/2022	4	1318	D	SS.GM.T0006591	Point Repair & Replace Section
	117949	9/30/2022	3	93	D	SS.GM.T0000291	Cured In Place Pipe Liner
	117950	9/28/2022	3	94	D	SS.GM.T0000292	Cured In Place Pipe Liner

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	117951	9/25/2022	3	95	D	SS.GM.T0000293	Cured In Place Pipe Liner
	117952	9/25/2022	3	96	D	SS.GM.T0000294	Cured In Place Pipe Liner
	117953	9/25/2022	3	97	D	SS.GM.T0000295	Cured In Place Pipe Liner
	117954	9/25/2022	3	98	D	SS.GM.T0000296	Cured In Place Pipe Liner
	117955	9/25/2022	3	99	C	SS.GM.T0000297	Monitor in CMOM
	117956	9/21/2022	3	160	D	SS.GM.T0013152	Cured In Place Pipe Liner
	117957	9/25/2022	3	100	C	SS.GM.T0000298	Monitor in CMOM
	117958	9/15/2022	3	101	D	SS.GM.T0000299	Cured In Place Pipe Liner
	117959	9/15/2022	3	102	C	SS.GM.T0000300	Monitor in CMOM
	117960	9/13/2022	3	106	D	SS.GM.T0000304	Cured In Place Pipe Liner
	117974	9/11/2022	3	56	C	SS.GM.T0000245	Monitor in CMOM
	117976	9/11/2022	3	167	C	SS.GM.T0014601	Monitor in CMOM
	117977	9/9/2022	3	159	C	SS.GM.T0010699	Monitor in CMOM
	117978	9/9/2022	3	57	C	SS.GM.T0000246	Monitor in CMOM
	117979	9/9/2022	3	58	C	SS.GM.T0000247	Monitor in CMOM
	117980	9/3/2022	3	60	C	SS.GM.T0000249	Monitor in CMOM
	117981	9/3/2022	3	59	C	SS.GM.T0000248	Monitor in CMOM
	117982	9/3/2022	3	61	D	SS.GM.T0000250	Cured In Place Pipe Liner
	118348	9/7/2022	4	70	D	SS.GM.T0000930	Point Repair
	118375	9/7/2022	4	70	D	SS.GM.T0000930	Point Repair
	118454	9/8/2022	4	1471	D	SS.GM.T0007841	Point Repair
	118463	9/2/2022	4	1435	D	SS.GM.T0007802	Point Repair & Add to Root Removal Program in CMOM
	118469	9/13/2022	4	1455	D	SS.GM.T0007824	Point Repair
	118483	9/9/2022	4	1457	D	SS.GM.T0007826	Point Repair
	118489	9/15/2022	4	829	D	SS.GM.T0002530	Point Repair
	118490	9/27/2022	4	1449	D	SS.GM.T0007818	Point Repair
	118492	9/13/2022	4	1462	E	SS.GM.T0007831	Point Repair
	118495	9/27/2022	4	1071	D	SS.GM.T0003337	Point Repair
	118497	9/9/2022	4	1470	D	SS.GM.T0007840	Point Repair & Add to Root Removal Program in CMOM
	118498	9/29/2022	4	1915	E	SS.GM.T0013128	Point Repair
	118503	9/8/2022	4	1446	D	SS.GM.T0007813	Point Repair
	118519	9/9/2022	4	1470	D	SS.GM.T0007840	Point Repair & Add to Root Removal Program in CMOM
	118538	9/1/2022	4	1374	D	SS.GM.T0007302	Point Repair
	118544	9/13/2022	4	2077	D	SS.GM.T0014075	Point Repair
	118555	9/28/2022	4	1915	E	SS.GM.T0013128	Point Repair
	118570	9/6/2022	4	832	D	SS.GM.T0002533	Point Repair
	118587	9/8/2022	4	1446	D	SS.GM.T0007813	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118603	9/22/2022	4	825	D	SS.GM.T0002525	Point Repair
	118612	9/6/2022	4	8	D	SS.GM.T0000556	Point Repair
	118613	9/6/2022	4	1431	D	SS.GM.T0007798	Point Repair
	118620	9/14/2022	4	781	D	SS.GM.T0002464	Point Repair
	118622	9/14/2022	4	781	D	SS.GM.T0002464	Point Repair
	118626	9/14/2022	4	781	D	SS.GM.T0002464	Point Repair
	118638	9/13/2022	4	781	D	SS.GM.T0002464	Point Repair
	118654	9/9/2022	4	2077	D	SS.GM.T0014075	Point Repair
	118659	9/26/2022	4	1449	D	SS.GM.T0007818	Point Repair
	118662	9/22/2022	4	1071	D	SS.GM.T0003337	Point Repair
	118664	9/14/2022	4	1378	D	SS.GM.T0007314	Point Repair
	118686	9/22/2022	4	824	D	SS.GM.T0002524	Point Repair
	118692	9/29/2022	4	1603	D	SS.GM.T0009779	Point Repair
	118694	9/9/2022	4	1470	D	SS.GM.T0007840	Point Repair & Add to Root Removal Program in CMOM
	118700	9/19/2022	4	1984	D	SS.GM.T0013462	Point Repair
	118706	9/20/2022	4	104	D	SS.GM.T0000966	Point Repair
	118709	9/28/2022	4	1581	D	SS.GM.T0009541	Point Repair
	118710	9/7/2022	4	1432	D	SS.GM.T0007799	Point Repair
	118721	9/7/2022	4	1446	D	SS.GM.T0007813	Point Repair
	118725	9/7/2022	4	1446	D	SS.GM.T0007813	Point Repair
	118729	9/21/2022	4	1071	D	SS.GM.T0003337	Point Repair
	118743	9/9/2022	4	1121	D	SS.GM.T0003487	Point Repair
	118752	9/14/2022	4	1473	D	SS.GM.T0007845	Point Repair
	118754	9/19/2022	4	1381	D	SS.GM.T0007328	Point Repair
	118759	9/15/2022	4	1464	D	SS.GM.T0007833	Point Repair
	118767	9/21/2022	4	1071	D	SS.GM.T0003337	Point Repair
	118788	9/29/2022	4	1603	D	SS.GM.T0009779	Point Repair
	118805	9/15/2022	4	1124	D	SS.GM.T0003490	Point Repair
	118812	9/20/2022	4	773	D	SS.GM.T0002455	Point Repair
	118813	9/21/2022	4	1104	D	SS.GM.T0003386	Point Repair
	118816	9/21/2022	4	1104	D	SS.GM.T0003386	Point Repair
	118825	9/20/2022	4	1104	D	SS.GM.T0003386	Point Repair
	118830	9/21/2022	4	1071	D	SS.GM.T0003337	Point Repair
	118843	9/1/2022	4	8	D	SS.GM.T0000556	Point Repair
	118844	9/7/2022	4	1432	D	SS.GM.T0007799	Point Repair
	118854	9/27/2022	4	1915	E	SS.GM.T0013128	Point Repair
	118871	9/19/2022	4	1989	D	SS.GM.T0013481	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118872	9/12/2022	4	1462	E	SS.GM.T0007831	Point Repair
	118879	9/15/2022	4	829	D	SS.GM.T0002530	Point Repair
	118893	9/29/2022	4	103	D	SS.GM.T0000965	Point Repair
	101609	10/27/2022	3	1007	D	SS.GM.T0002358	Point Repair
	101637	10/27/2022	3	393	D	SS.GM.T0005349	Point Repair
	117942	10/8/2022	3	87	D	SS.GM.T0000285	Cured In Place Pipe Liner
	117943	10/15/2022	3	110	D	SS.GM.T0000358	Cured In Place Pipe Liner
	117944	10/8/2022	3	88	D	SS.GM.T0000286	Cured In Place Pipe Liner
	117945	10/8/2022	3	89	C	SS.GM.T0000287	Monitor in CMOM
	117946	10/8/2022	3	90	D	SS.GM.T0000288	Cured In Place Pipe Liner
	117947	10/8/2022	3	92	D	SS.GM.T0000290	Cured In Place Pipe Liner
	117948	10/8/2022	3	91	D	SS.GM.T0000289	Cured In Place Pipe Liner
	118202	10/27/2022	4	73	D	SS.GM.T0000934	Cured In Place Pipe Liner
	118206	10/25/2022	4	741	D	SS.GM.T0002410	Cured In Place Pipe Liner
	118212	10/27/2022	4	1336	D	SS.GM.T0006732	Cured In Place Pipe Liner
	118215	10/26/2022	3	439	D	SS.GM.T0007034	Remove Roots and Cured In Place Pipe Liner
	118236	10/26/2022	4	2201	D	SS.GM.T0015105	Cured In Place Pipe Liner
	118254	10/19/2022	4	379	D	SS.GM.T0001629	Pipe Burst or Replace
	118257	10/19/2022	4	471	D	SS.GM.T0001899	Pipe Burst or Replace
	118267	10/18/2022	4	849	D	SS.GM.T0002661	Pipe Burst or Replace
	118281	10/17/2022	4	1165	D	SS.GM.T0003714	Pipe Burst or Replace
	118282	10/27/2022	4	1164	D	SS.GM.T0003713	Pipe Burst or Replace
	118451	10/7/2022	4	10	D	SS.GM.T0000576	Point Repair
	118455	10/3/2022	4	1535	D	SS.GM.T0009417	Point Repair
	118465	10/21/2022	4	1098	D	SS.GM.T0003377	Point Repair
	118477	10/12/2022	4	944	D	SS.GM.T0003162	Point Repair
	118480	10/5/2022	4	548	D	SS.GM.T0002089	Point Repair
	118494	10/11/2022	4	47	D	SS.GM.T0000901	Point Repair & Add to Root Removal Program in CMOM
	118501	10/8/2022	4	828	D	SS.GM.T0002528	Point Repair
	118508	10/4/2022	4	1603	D	SS.GM.T0009779	Point Repair
	118513	10/24/2022	4	2194	D	SS.GM.T0015061	Point Repair
	118518	10/19/2022	4	96	D	SS.GM.T0000958	Point Repair
	118520	10/6/2022	4	10	D	SS.GM.T0000576	Point Repair
	118523	10/4/2022	4	1531	D	SS.GM.T0009356	Point Repair
	118529	10/21/2022	4	111	D	SS.GM.T0001010	Point Repair
	118533	10/17/2022	4	804	D	SS.GM.T0002492	Point Repair
	118536	10/3/2022	4	1603	D	SS.GM.T0009779	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118550	10/27/2022	4	788	D	SS.GM.T0002471	Point Repair
	118552	10/19/2022	4	216	D	SS.GM.T0001165	Point Repair
	118557	10/12/2022	4	944	D	SS.GM.T0003162	Point Repair
	118561	10/11/2022	4	35	D	SS.GM.T0000889	Point Repair
	118573	10/11/2022	4	47	D	SS.GM.T0000901	Point Repair & Add to Root Removal Program in CMOM
	118580	10/25/2022	4	235	D	SS.GM.T0001270	Point Repair
	118581	10/6/2022	4	827	D	SS.GM.T0002527	Point Repair & Add to High Frequency Cleaning in CMOM
	118597	10/25/2022	4	1145	D	SS.GM.T0003536	Point Repair
	118616	10/5/2022	4	1532	D	SS.GM.T0009357	Point Repair
	118621	10/12/2022	4	46	D	SS.GM.T0000900	Point Repair
	118627	10/11/2022	4	170	D	SS.GM.T0001101	Point Repair
	118635	10/4/2022	4	1532	D	SS.GM.T0009357	Point Repair
	118643	10/26/2022	4	1079	D	SS.GM.T0003346	Point Repair
	118655	10/5/2022	4	548	D	SS.GM.T0002089	Point Repair
	118658	10/18/2022	4	21	D	SS.GM.T0000644	Point Repair
	118667	10/4/2022	4	1532	D	SS.GM.T0009357	Point Repair
	118668	10/10/2022	4	35	D	SS.GM.T0000889	Point Repair
	118676	10/26/2022	4	1079	D	SS.GM.T0003346	Point Repair
	118687	10/4/2022	4	548	D	SS.GM.T0002089	Point Repair
	118690	10/19/2022	4	216	D	SS.GM.T0001165	Point Repair
	118704	10/5/2022	4	10	D	SS.GM.T0000576	Point Repair
	118705	10/17/2022	4	16	D	SS.GM.T0000633	Point Repair
	118711	10/27/2022	4	116	D	SS.GM.T0001015	Point Repair
	118720	10/4/2022	4	1531	D	SS.GM.T0009356	Point Repair
	118724	10/26/2022	4	1079	D	SS.GM.T0003346	Point Repair
	118726	10/26/2022	4	1079	D	SS.GM.T0003346	Point Repair
	118727	10/24/2022	4	1145	D	SS.GM.T0003536	Point Repair
	118732	10/25/2022	4	1079	D	SS.GM.T0003346	Point Repair
	118751	10/17/2022	4	817	D	SS.GM.T0002515	Point Repair
	118785	10/20/2022	4	221	D	SS.GM.T0001170	Point Repair
	118790	10/19/2022	4	812	D	SS.GM.T0002510	Point Repair
	118791	10/13/2022	4	213	E	SS.GM.T0001162	Point Repair
	118801	10/10/2022	4	47	D	SS.GM.T0000901	Point Repair & Add to Root Removal Program in CMOM
	118811	10/12/2022	4	46	D	SS.GM.T0000900	Point Repair
	118836	10/3/2022	4	1531	D	SS.GM.T0009356	Point Repair
	118841	10/26/2022	4	1095	D	SS.GM.T0003374	Point Repair
	118846	10/7/2022	4	24	D	SS.GM.T0000835	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118853	10/24/2022	4	807	E	SS.GM.T0002505	Point Repair
	118856	10/7/2022	4	828	D	SS.GM.T0002528	Point Repair
	118867	10/21/2022	4	1098	D	SS.GM.T0003377	Point Repair
	118868	10/10/2022	4	46	D	SS.GM.T0000900	Point Repair
	118878	10/6/2022	4	828	D	SS.GM.T0002528	Point Repair
	118887	10/6/2022	4	828	D	SS.GM.T0002528	Point Repair
	118889	10/5/2022	4	10	D	SS.GM.T0000576	Point Repair
	118900	10/13/2022	4	817	D	SS.GM.T0002515	Point Repair
	118905	10/6/2022	4	827	D	SS.GM.T0002527	Point Repair & Add to High Frequency Cleaning in CMOM
	118908	10/31/2022	4	1088	D	SS.GM.T0003356	Point Repair
	118910	10/25/2022	4	238	D	SS.GM.T0001273	Point Repair
	117937	11/22/2022	3	82	D	SS.GM.T0000280	Cured In Place Pipe Liner
	117938	11/22/2022	3	83	D	SS.GM.T0000281	Cured In Place Pipe Liner
	117939	11/22/2022	3	84	D	SS.GM.T0000282	Cured In Place Pipe Liner
	117940	11/22/2022	3	85	D	SS.GM.T0000283	Cured In Place Pipe Liner
	118200	11/17/2022	4	59	D	SS.GM.T0000915	Cured In Place Pipe Liner
	118201	11/8/2022	4	60	D	SS.GM.T0000916	Cured In Place Pipe Liner
	118203	11/9/2022	4	171	D	SS.GM.T0001102	Cured In Place Pipe Liner
	118204	11/3/2022	4	335	D	SS.GM.T0001505	Cured In Place Pipe Liner
	118211	11/21/2022	4	1300	B	SS.GM.T0006532	Monitor in CMOM
	118213	11/30/2022	4	1346	D	SS.GM.T0007038	Cured In Place Pipe Liner
	118217	11/15/2022	4	1414	B	SS.GM.T0007635	Monitor in CMOM
	118218	11/28/2022	4	1415	B	SS.GM.T0007636	Monitor in CMOM
	118219	11/10/2022	4	1417	D	SS.GM.T0007638	Cured In Place Pipe Liner
	118220	11/10/2022	4	1416	D	SS.GM.T0007637	Cured In Place Pipe Liner
	118221	11/17/2022	4	1418	C	SS.GM.T0007639	Monitor in CMOM
	118222	11/17/2022	4	1419	D	SS.GM.T0007640	Cured In Place Pipe Liner
	118227	11/23/2022	4	1585	D	SS.GM.T0009545	Cured In Place Pipe Liner
	118228	11/23/2022	4	1586	D	SS.GM.T0009546	Cured In Place Pipe Liner
	118234	11/2/2022	4	1970	D	SS.GM.T0013429	Cured In Place Pipe Liner
	118244	11/22/2022	4	91	D	SS.GM.T0000952	Pipe Burst or Replace
	118256	11/30/2022	4	470	D	SS.GM.T0001897	Pipe Burst or Replace
	118258	11/29/2022	4	521	D	SS.GM.T0001993	Pipe Burst or Replace
	118264	11/23/2022	4	822	D	SS.GM.T0002522	Pipe Burst or Replace
	118266	11/22/2022	4	821	D	SS.GM.T0002521	Pipe Burst or Replace
	118270	11/29/2022	4	980	D	SS.GM.T0003221	Pipe Burst or Replace
	118272	11/15/2022	4	942	D	SS.GM.T0003152	Pipe Burst or Replace

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118289	11/2/2022	4	1235	D	SS.GM.T0005651	Pipe Burst or Replace
	118290	11/7/2022	4	1242	D	SS.GM.T0005659	Pipe Burst or Replace
	118291	11/1/2022	4	1259	D	SS.GM.T0005676	Pipe Burst or Replace
	118297	11/15/2022	4	1537	D	SS.GM.T0009419	Pipe Burst or Replace
	118299	11/1/2022	4	1488	D	SS.GM.T0007984	Pipe Burst or Replace
	118330	11/3/2022	4	1239	D	SS.GM.T0005656	Point Repair
	118358	11/3/2022	4	615	D	SS.GM.T0002215	Grout Joints
	118394	11/30/2022	4	925	D	SS.GM.T0002996	Point Repair
	118396	11/3/2022	4	1239	D	SS.GM.T0005656	Point Repair
	118442	11/2/2022	4	568	D	SS.GM.T0002157	Grout Joints
	118449	11/15/2022	4	746	D	SS.GM.T0002417	Point Repair
	118479	11/21/2022	4	347	D	SS.GM.T0001588	Point Repair
	118481	11/8/2022	4	540	D	SS.GM.T0002051	Point Repair
	118484	11/4/2022	4	540	D	SS.GM.T0002051	Point Repair
	118499	11/16/2022	4	304	D	SS.GM.T0001456	Point Repair & Add to Root Removal Program in CMOM
	118510	11/10/2022	4	261	D	SS.GM.T0001318	Point Repair
	118512	11/21/2022	4	1041	D	SS.GM.T0003295	Point Repair
	118553	11/10/2022	4	261	D	SS.GM.T0001318	Point Repair
	118564	11/9/2022	4	246	D	SS.GM.T0001302	Point Repair
	118584	11/9/2022	4	261	D	SS.GM.T0001318	Point Repair
	118594	11/2/2022	4	1095	D	SS.GM.T0003374	Point Repair
	118605	11/15/2022	4	1142	D	SS.GM.T0003531	Point Repair
	118624	11/3/2022	4	540	D	SS.GM.T0002051	Point Repair
	118642	11/28/2022	4	1037	E	SS.GM.T0003291	Point Repair
	118647	11/7/2022	4	1088	D	SS.GM.T0003356	Point Repair
	118651	11/15/2022	4	746	D	SS.GM.T0002417	Point Repair
	118661	11/28/2022	4	1037	E	SS.GM.T0003291	Point Repair
	118665	11/2/2022	4	153	D	SS.GM.T0001082	Point Repair
	118670	11/2/2022	4	153	D	SS.GM.T0001082	Point Repair
	118675	11/2/2022	4	153	D	SS.GM.T0001082	Point Repair
	118680	11/16/2022	4	266	D	SS.GM.T0001394	Point Repair
	118682	11/1/2022	4	153	D	SS.GM.T0001082	Point Repair
	118683	11/22/2022	4	1037	E	SS.GM.T0003291	Point Repair
	118684	11/9/2022	4	246	D	SS.GM.T0001302	Point Repair
	118693	11/1/2022	4	153	D	SS.GM.T0001082	Point Repair
	118696	11/17/2022	4	1058	D	SS.GM.T0003321	Point Repair
	118701	11/15/2022	4	1142	D	SS.GM.T0003531	Point Repair

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118730	11/1/2022	4	1088	D	SS.GM.T0003356	Point Repair
	118733	11/9/2022	4	746	D	SS.GM.T0002417	Point Repair
	118742	11/8/2022	4	1135	D	SS.GM.T0003523	Point Repair & Add to Root Removal Program in CMOM
	118746	11/17/2022	4	1058	D	SS.GM.T0003321	Point Repair
	118747	11/8/2022	4	246	D	SS.GM.T0001302	Point Repair
	118748	11/3/2022	4	540	D	SS.GM.T0002051	Point Repair
	118753	11/8/2022	4	1135	D	SS.GM.T0003523	Point Repair & Add to Root Removal Program in CMOM
	118758	11/8/2022	4	1135	D	SS.GM.T0003523	Point Repair & Add to Root Removal Program in CMOM
	118774	11/30/2022	4	738	D	SS.GM.T0002407	Point Repair
	118806	11/1/2022	4	1088	D	SS.GM.T0003356	Point Repair
	118809	11/8/2022	4	1135	D	SS.GM.T0003523	Point Repair & Add to Root Removal Program in CMOM
	118837	11/10/2022	4	1142	D	SS.GM.T0003531	Point Repair
	118850	11/9/2022	4	261	D	SS.GM.T0001318	Point Repair
	118855	11/28/2022	4	345	D	SS.GM.T0001586	Point Repair
	118865	11/29/2022	4	925	D	SS.GM.T0002996	Point Repair
	118873	11/9/2022	4	746	D	SS.GM.T0002417	Point Repair
	118885	11/21/2022	4	777	D	SS.GM.T0002459	Point Repair
	118888	11/3/2022	4	540	D	SS.GM.T0002051	Point Repair
	118899	11/9/2022	4	245	D	SS.GM.T0001300	Point Repair
	118903	11/10/2022	4	1142	D	SS.GM.T0003531	Point Repair
	118911	11/4/2022	4	248	D	SS.GM.T0001304	Point Repair & Add to Root Removal Program in CMOM
	118912	11/3/2022	4	248	D	SS.GM.T0001304	Point Repair & Add to Root Removal Program in CMOM
	118914	11/3/2022	4	248	D	SS.GM.T0001304	Point Repair & Add to Root Removal Program in CMOM
	118920	11/3/2022	4	248	D	SS.GM.T0001304	Point Repair & Add to Root Removal Program in CMOM
Completed Internal Point Repair	117924	12/4/2022	3	161	C	SS.GM.T0013822	Monitor in CMOM
	117925	12/8/2022	3	55	D	SS.GM.T0000244	Cured In Place Pipe Liner
	117926	12/8/2022	3	74	D	SS.GM.T0000272	Cured In Place Pipe Liner
Completed Internal Point Repair	117927	12/8/2022	3	72	C	SS.GM.T0000270	Monitor in CMOM
Completed Internal Point Repair	117928	12/8/2022	3	73	C	SS.GM.T0000271	Monitor in CMOM
Completed Internal Point Repair	117929	12/4/2022	3	75	C	SS.GM.T0000273	Monitor in CMOM
	117930	12/4/2022	3	76	D	SS.GM.T0000274	Cured In Place Pipe Liner
	117931	12/4/2022	3	77	D	SS.GM.T0000275	Cured In Place Pipe Liner
	117933	12/20/2022	3	79	D	SS.GM.T0000277	Cured In Place Pipe Liner
	117934	12/20/2022	3	80	D	SS.GM.T0000278	Cured In Place Pipe Liner
Completed Internal Point Repair	117935	12/4/2022	3	162	C	SS.GM.T0013823	Monitor in CMOM
	117936	12/17/2022	3	81	D	SS.GM.T0000279	Cured In Place Pipe Liner
	117941	12/15/2022	3	86	D	SS.GM.T0000284	Cured In Place Pipe Liner

Table L-1c: Group #2, #3 and #4 Gravity Sewer Main Remedial Measures Plan Repairs - Compilation

Comments	Work Order	Date	Remedial Measure Plan			City Pipe Asset ID	Remediation Plan
			Group #	Item #	Rating		
	118208	12/15/2022	4	1065	D	SS.GM.T0003331	Cured In Place Pipe Liner
	118225	12/8/2022	4	1491	D	SS.GM.T0008210	Cured In Place Pipe Liner
	118226	12/8/2022	4	1492	D	SS.GM.T0008211	Cured In Place Pipe Liner
	118243	12/12/2022	4	71	D	SS.GM.T0000931	Pipe Burst or Replace
	118249	12/20/2022	4	212	D	SS.GM.T0001161	Pipe Burst or Replace
	118259	12/2/2022	4	608	D	SS.GM.T0002207	Pipe Burst or Replace
	118280	12/15/2022	4	1149	D	SS.GM.T0003541	Pipe Burst or Replace
	118294	12/6/2022	4	1351	D	SS.GM.T0007059	Pipe Burst or Replace
	118448	12/13/2022	4	2066	D	SS.GM.T0013871	Point Repair
	118496	12/7/2022	4	200	D	SS.GM.T0001137	Point Repair
	118500	12/15/2022	4	733	D	SS.GM.T0002402	Point Repair
	118509	12/21/2022	4	527	D	SS.GM.T0002005	Point Repair
	118554	12/6/2022	4	740	D	SS.GM.T0002409	Point Repair
	118576	12/15/2022	4	432	D	SS.GM.T0001830	Point Repair
	118601	12/15/2022	4	592	D	SS.GM.T0002183	Point Repair
	118614	12/12/2022	4	600	D	SS.GM.T0002191	Point Repair
	118625	12/8/2022	4	195	D	SS.GM.T0001129	Point Repair
	118634	12/16/2022	4	432	D	SS.GM.T0001830	Point Repair
	118645	12/7/2022	4	743	D	SS.GM.T0002412	Point Repair
	118714	12/14/2022	4	485	D	SS.GM.T0001913	Point Repair
	118734	12/8/2022	4	1630	D	SS.GM.T0009997	Point Repair
	118736	12/1/2022	4	738	D	SS.GM.T0002407	Point Repair
	118739	12/7/2022	4	743	D	SS.GM.T0002412	Point Repair
	118771	12/6/2022	4	740	D	SS.GM.T0002409	Point Repair
	118782	12/5/2022	4	542	D	SS.GM.T0002054	Point Repair
	118818	12/21/2022	4	527	D	SS.GM.T0002005	Point Repair
	118829	12/5/2022	4	740	D	SS.GM.T0002409	Point Repair
	118847	12/1/2022	4	740	D	SS.GM.T0002409	Point Repair
	118851	12/15/2022	4	535	D	SS.GM.T0002041	Point Repair
	118852	12/12/2022	4	192	D	SS.GM.T0001126	Point Repair
	118880	12/6/2022	4	1007	D	SS.GM.T0003255	Point Repair
	118894	12/13/2022	4	1873	D	SS.GM.T0012815	Point Repair
	118935	12/7/2022	4	1904	D	SS.GM.T0013007	Replace

Manhole Repairs

Table L-2a is a list of 34 repairs made to manholes (in some cases there were multiple repairs to the same manhole) by City of Tyler during the 1 January 2022 through 31 December 2022 reporting period; said repairs are shown in **Figure L-2a**. Said repairs are in addition to work identified in Condition Remedial Measures Plan(s).

Table L-2b is a list of 922 repairs made to manholes (in some cases there were multiple repairs to the same manhole) by third party contractors during the 1 January 2022 through 31 December 2022 reporting period; said repairs are shown in **Figure L-2b**. Said repairs are generally for work identified in Condition Remedial Measures Plan(s).

Table L-2c is list of worked performed in 2022 to all Group 3 manholes called out for remedial activity, i.e. all condition rated D and E manholes completed in 2022. It also contains a small number of Group 2 and Group 5 manholes. This list also includes manholes given an A, B, or C rating if additional work was performed, as well as updates and/or corrections to asset IDs.

Table L-2a: Manhole Repairs - City

Asset ID	Work Order	Date Completed	Work Order Description	Address
SS.MH.T0014314	102497	01/05/2022	MANHOLE RAISE	403 W M L King Jr Blvd
SS.MH.T0009009	103804	01/21/2022	MANHOLE REPAIR	3503 Mineola Hwy
SS.MH.T0003794	104383	01/18/2022	ADJUST RING AND/OR LID	5574 Plantation Dr,Tyler,TX,75703
SS.MH.T0001190	104475	01/18/2022	REPLACE RING AND/OR LID	2505 Walton Rd
SS.MH.T0008322	104976	03/24/2022	REGROUT RING/LID	Hwy 64 W & C R 4134
SS.MH.T0004568	105005	01/21/2022	REPLACE RING AND/OR LID	730 N Grand Ave, 75702
SS.MH.T0002893	107319	02/01/2022	MANHOLE REPLACE	2228 Moore Ave
SS.MH.T0004708	109190	03/16/2022	REPLACE RING AND/OR LID	W 4th St & S College Ave
SS.MH.T0005745	109196	03/04/2022	REPLACE RING AND/OR LID	1831 Old Henderson Hwy
SS.MH.T0004568	109810	03/15/2022	REPLACE RING AND/OR LID	W Bow St & N Grand Ave
SS.MH.T0015974	110632	03/30/2022	MANHOLE RAISE	1630 Old Omen Rd
SS.MH.T0005569	111023	10/19/2022	MANHOLE RAISE	3707 Lake Forest Dr
SS.MH.T0008100	112018	04/25/2022	MANHOLE RAISE	6715 Rhones Quarter Rd
SS.MH.T0004564	114522	06/06/2022	REPLACE RING AND/OR LID	N Grand Ave & Selman St
SS.MH.T0000971	114665	06/10/2022	REPLACE RING AND/OR LID	6444 C R 427
SS.MH.T0007559	115287	06/17/2022	REGROUT RING/LID	1510 W Northwest Loop 323
SS.MH.T0014318	115896	06/30/2022	ADJUST RING AND/OR LID	7012 Old Jacksonville Hwy
SS.MH.T0004278	116711	07/14/2022	MANHOLE REPAIR	Stanford St & Crestview Ave
SS.MH.T0004039	116746	07/13/2022	REPLACE RING AND/OR LID	3048 Concord Pl
SS.MH.T0013512	117427	07/26/2022	ADJUST RING AND/OR LID	13815 C R 46
SS.MH.T0003987	121383	08/12/2022	MANHOLE RAISE	Fair Ln & Belmead Ln
SS.MH.T0007449	122518	08/29/2022	ADJUST RING AND/OR LID	Wilder Way
SS.MH.T0003619	123128	09/07/2022	REPLACE RING AND/OR LID	5810 S Broadway Ave
SS.MH.T0003444	125044	10/03/2022	Install Inflow Protector	4611 Leisure Ln
SS.MH.T0014790	125051	10/03/2022	Install Inflow Protector	5714 Gloucester Dr
SS.MH.T0013537	125991	10/17/2022	REPLACE RING AND/OR LID	12488 Pollan St
SS.MH.T0009194	126657	11/14/2022	MANHOLE RAISE	1207 S Glenwood Blvd
SS.MH.T0016283	127069	11/01/2022	MANHOLE REPLACE	3020 W Gentry Pkwy
SS.MH.T0000367	128090	11/11/2022	REPLACE RING AND/OR LID	2931 Cushing Dr, 75702
SS.MH.T0015851	128685	12/01/2022	MANHOLE RAISE	3904 Troup Hwy, 75703
SS.MH.T0007740	97711	03/18/2022	REGROUT RING/LID	5905 Rhones Quarter Rd,Tyler,TX,75707
SS.MH.T0001259	98530	04/05/2022	REGROUT RING/LID	922 N Fleishel Ave
SS.MH.T0002904	99542	04/01/2022	REGROUT RING/LID	1587 W 34th St,Tyler,TX,75702
SS.MH.T0002726	99748	01/10/2022	REPLACE RING AND/OR LID	1095 N Broadway Ave

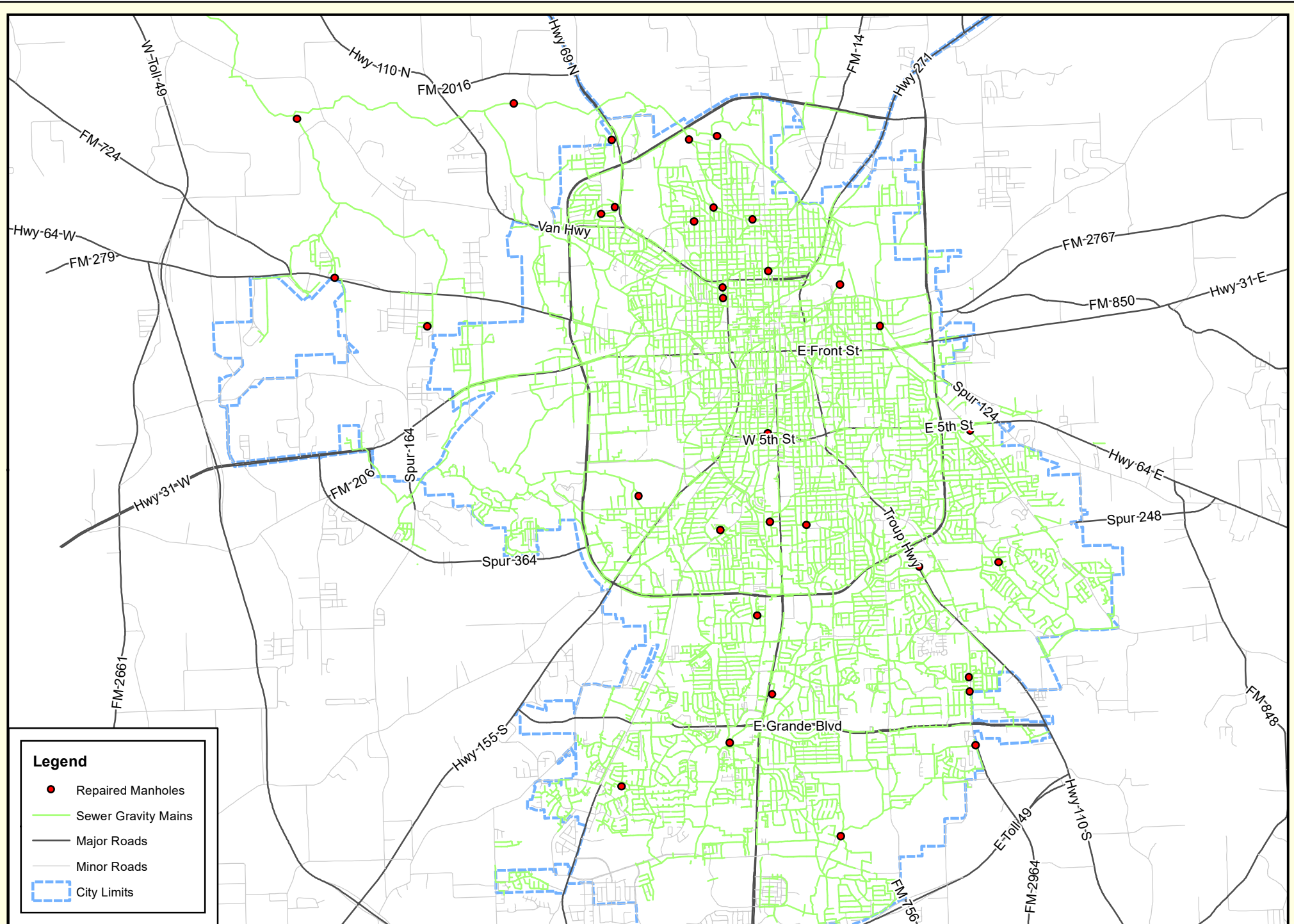


Figure L-2a. City Manhole Improvements - Year 6

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0002856	101736	01/25/2022	X											
SS.MH.T0002866	101737	03/15/2022	X											
SS.MH.T0002864	101738	01/25/2022	X											
SS.MH.T0002865	101739	08/02/2022	X				X							
SS.MH.T0002854	101740	03/15/2022	X											
SS.MH.T0002893	101741	01/21/2022	X											
SS.MH.T0002908	101742	03/15/2022	X		X		X							
SS.MH.T0003028	101743	03/15/2022	X											
SS.MH.T0003065	101744	01/21/2022	X				X							
SS.MH.T0002885	101745	03/31/2022	X		X									
SS.MH.T0002889	101746	03/31/2022	X				X							
SS.MH.T0002892	101747	03/15/2022	X				X				X			
SS.MH.T0002907	101748	03/31/2022	X		X									
SS.MH.T0003056	101749	03/15/2022	X				X				X			
SS.MH.T0004703	101750	03/31/2022	X				X							
SS.MH.T0000345	101833	06/21/2022	X	X				X						
SS.MH.T0000426	101834	08/16/2022	X	X				X						
SS.MH.T0000391	101835	10/29/2022	X					X						
SS.MH.T0000464	101836	10/10/2022	X				X	X						
SS.MH.T0000405	101837	09/30/2022	X	X	X	X	X	X					X	
SS.MH.T0000428	101838	08/16/2022	X					X						
SS.MH.T0000481	101839	10/07/2022	X	X				X						
SS.MH.T0000493	101840	03/11/2022	X					X						
SS.MH.T0000487	101841	10/06/2022	X					X						
SS.MH.T0000486	101842	08/17/2022	X					X						
SS.MH.T0000498	101843	08/25/2022	X	X				X						
SS.MH.T0000502	101844	08/25/2022	X					X						
SS.MH.T0000539	101845	10/24/2022	X				X	X					X	
SS.MH.T0000673	101846	11/09/2022	X	X			X	X					X	
SS.MH.T0000667	101847	09/22/2022	X	X			X	X						
SS.MH.T0000661	101848	09/22/2022	X				X	X						
SS.MH.T0000671	101849	01/28/2022	X					X						
SS.MH.T0000672	101850	11/15/2022	X	X			X	X						
SS.MH.T0000678	101851	01/28/2022	X	X				X					X	
SS.MH.T0000699	101852	10/10/2022	X				X	X						
SS.MH.T0000675	101853	09/24/2022	X	X			X	X					X	
SS.MH.T0000779	101857	10/04/2022	X				X	X						
SS.MH.T0000839	101858	10/07/2022	X				X	X						
SS.MH.T0000832	101859	10/27/2022	X					X						
SS.MH.T0000840	101860	10/07/2022	X				X	X						
SS.MH.T0000841	101861	10/07/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0000871	101862	01/28/2022	X	X				X						
SS.MH.T0000865	101863	10/24/2022	X					X						
SS.MH.T0000890	101864	09/28/2022	X	X				X						
SS.MH.T0001026	101865	09/29/2022	X	X				X						
SS.MH.T0001006	101866	09/07/2022	X					X						
SS.MH.T0001044	101867	01/27/2022	X	X				X						
SS.MH.T0001046	101868	01/27/2022	X				X	X					X	
SS.MH.T0001051	101870	10/28/2022	X					X						
SS.MH.T0001053	101871	02/01/2022	X	X				X						
SS.MH.T0001054	101872	02/01/2022	X	X			X	X						
SS.MH.T0001062	101873	03/10/2022	X					X						
SS.MH.T0001067	101874	03/07/2022	X	X				X						
SS.MH.T0001103	101876	09/22/2022	X	X				X						
SS.MH.T0001095	101877	08/29/2022	X					X						
SS.MH.T0001106	101879	09/22/2022	X	X	X	X	X	X						
SS.MH.T0001117	101882	01/26/2022	X					X						
SS.MH.T0001143	101885	09/27/2022	X				X	X						
SS.MH.T0001147	101886	08/29/2022	X					X						
SS.MH.T0001150	101887	03/07/2022	X	X				X						
SS.MH.T0001260	101888	09/27/2022	X		X		X	X						
SS.MH.T0001521	101889	10/12/2022	X	X			X	X						
SS.MH.T0001522	101890	09/13/2022	X					X						
SS.MH.T0001525	101891	09/10/2022	X					X						
SS.MH.T0001539	101892	10/22/2022	X					X						
SS.MH.T0001528	101893	10/27/2022	X		X	X	X	X						
SS.MH.T0001599	101894	10/10/2022	X				X	X						
SS.MH.T0001613	101895	10/10/2022	X				X	X						
SS.MH.T0001618	101896	10/10/2022	X				X	X						
SS.MH.T0001621	101897	11/15/2022	X				X	X						
SS.MH.T0001623	101898	11/15/2022	X				X	X						
SS.MH.T0001628	101899	10/10/2022	X				X	X						
SS.MH.T0001635	101900	06/24/2022	X		X			X						
SS.MH.T0001653	101901	10/10/2022	X				X	X						
SS.MH.T0001654	101902	10/06/2022	X	X				X						
SS.MH.T0001659	101903	10/10/2022	X				X	X						
SS.MH.T0001671	101904	10/11/2022	X					X						
SS.MH.T0001663	101905	10/10/2022	X				X	X						
SS.MH.T0001677	101907	10/12/2022	X					X						
SS.MH.T0001712	101909	06/28/2022	X	X				X						
SS.MH.T0001699	101910	06/25/2022	X	X				X						
SS.MH.T0001791	101911	11/22/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0001792	101912	10/03/2022	X				X	X						
SS.MH.T0001793	101913	10/03/2022	X				X	X						
SS.MH.T0001794	101914	10/03/2022	X				X	X						
SS.MH.T0001797	101915	10/03/2022	X				X	X						
SS.MH.T0001796	101916	10/03/2022	X	X			X	X						
SS.MH.T0001798	101917	10/03/2022	X		X	X	X	X						
SS.MH.T0001890	101918	09/22/2022	X	X			X	X						
SS.MH.T0001895	101919	01/27/2022	X					X						
SS.MH.T0001953	101920	08/29/2022	X	X			X	X						
SS.MH.T0001956	101922	09/22/2022	X	X			X	X						
SS.MH.T0001962	101923	03/10/2022	X				X	X						
SS.MH.T0001993	101924	01/04/2022	X					X						
SS.MH.T0001994	101925	01/04/2022	X					X						
SS.MH.T0002017	101926	09/28/2022	X		X	X	X	X						
SS.MH.T0001996	101927	09/29/2022	X	X			X	X						
SS.MH.T0002204	101928	09/23/2022	X	X				X						
SS.MH.T0002210	101929	09/23/2022	X		X	X		X						
SS.MH.T0002297	101930	01/27/2022	X	X	X	X		X						
SS.MH.T0002221	101933	09/22/2022	X	X				X						
SS.MH.T0002350	101934	03/08/2022	X					X						
SS.MH.T0002351	101935	09/22/2022	X				X	X						
SS.MH.T0002353	101936	09/07/2022	X					X						
SS.MH.T0002405	101937	10/10/2022	X				X	X						
SS.MH.T0002437	101938	10/07/2022	X				X	X						
SS.MH.T0002533	101939	10/10/2022	X				X	X						
SS.MH.T0002581	101940	03/10/2022	X					X						
SS.MH.T0002734	101944	09/27/2022	X				X	X						
SS.MH.T0002780	101945	09/07/2022	X					X						
SS.MH.T0002798	101949	11/21/2022	X	X	X			X						
SS.MH.T0002810	101951	11/15/2022	X				X	X						
SS.MH.T0002811	101952	09/22/2022	X				X	X						
SS.MH.T0002806	101953	11/15/2022	X				X	X						
SS.MH.T0002812	101954	09/22/2022	X				X	X						
SS.MH.T0002813	101955	09/22/2022	X				X	X						
SS.MH.T0002836	101957	01/12/2022	X					X						
SS.MH.T0002835	101958	01/12/2022	X					X						
SS.MH.T0002838	101962	02/24/2022	X				X	X						
SS.MH.T0002851	101964	01/12/2022	X					X						
SS.MH.T0002880	101965	01/12/2022	X					X						
SS.MH.T0002902	101966	01/26/2022	X	X			X	X						
SS.MH.T0002980	101967	10/19/2022	X	X				X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0002972	101968	09/27/2022	X				X	X						
SS.MH.T0003011	101969	10/19/2022	X				X	X						
SS.MH.T0003081	101973	09/24/2022	X	X			X	X						
SS.MH.T0003070	101974	01/12/2022	X					X						
SS.MH.T0003085	101976	09/29/2022	X		X	X		X						
SS.MH.T0003111	101977	09/29/2022	X		X	X		X						
SS.MH.T0003173	101978	08/20/2022	X					X						
SS.MH.T0003176	101979	08/20/2022	X					X						
SS.MH.T0003184	101980	08/19/2022	X					X						
SS.MH.T0003181	101981	09/23/2022	X				X	X						
SS.MH.T0003187	101982	08/19/2022	X					X						
SS.MH.T0003185	101983	08/19/2022	X					X						
SS.MH.T0003188	101984	11/23/2022	X				X	X						
SS.MH.T0003189	101985	09/23/2022	X		X	X	X	X						
SS.MH.T0003203	101986	09/29/2022	X				X	X						
SS.MH.T0003191	101987	12/13/2022	X				X	X						
SS.MH.T0003220	101988	10/05/2022	X		X		X	X						
SS.MH.T0003239	101990	10/19/2022	X				X	X						
SS.MH.T0003232	101991	11/23/2022	X				X	X						
SS.MH.T0003227	101992	10/06/2022	X				X	X						
SS.MH.T0003225	101993	12/06/2022	X				X	X						
SS.MH.T0003240	101994	10/19/2022	X				X	X						
SS.MH.T0003241	101995	10/06/2022	X				X	X						
SS.MH.T0003246	101996	11/21/2022	X				X	X						
SS.MH.T0003242	101997	10/19/2022	X				X	X						
SS.MH.T0003248	101998	11/21/2022	X				X	X						
SS.MH.T0003249	101999	10/06/2022	X				X	X						
SS.MH.T0003250	102000	10/06/2022	X				X	X						
SS.MH.T0003252	102001	10/05/2022	X				X	X						
SS.MH.T0003253	102002	12/01/2022	X				X	X						
SS.MH.T0003257	102003	11/01/2022	X				X	X						
SS.MH.T0003256	102005	10/19/2022	X				X	X						
SS.MH.T0003260	102006	10/04/2022	X				X	X						
SS.MH.T0003267	102007	10/13/2022	X				X	X						
SS.MH.T0003264	102008	08/20/2022	X					X						
SS.MH.T0003273	102009	10/13/2022	X				X	X						
SS.MH.T0003272	102010	11/30/2022	X				X	X						
SS.MH.T0003276	102011	11/21/2022	X				X	X						
SS.MH.T0003275	102012	12/01/2022	X				X	X						
SS.MH.T0003274	102013	09/23/2022	X				X	X						
SS.MH.T0003277	102014	11/21/2022	X	X			X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0003286	102015	11/21/2022	X				X	X						
SS.MH.T0003290	102016	12/09/2022	X				X	X						
SS.MH.T0003291	102017	12/09/2022	X				X	X						
SS.MH.T0003284	102018	10/13/2022	X				X	X						
SS.MH.T0003287	102019	09/23/2022	X				X	X						
SS.MH.T0003296	102020	11/30/2022	X				X	X						
SS.MH.T0003299	102021	08/17/2022	X					X						
SS.MH.T0003303	102022	09/23/2022	X				X	X						
SS.MH.T0003309	102024	10/17/2022	X	X				X						
SS.MH.T0003307	102025	12/13/2022	X				X	X						
SS.MH.T0003312	102026	09/26/2022	X		X		X	X						
SS.MH.T0003313	102027	11/03/2022	X				X	X						
SS.MH.T0003381	102028	06/27/2022	X					X						
SS.MH.T0003457	102029	10/07/2022	X				X	X						
SS.MH.T0003351	102030	10/21/2022	X					X						
SS.MH.T0003458	102031	06/27/2022	X					X						
SS.MH.T0003497	102032	06/27/2022	X					X						
SS.MH.T0003516	102033	08/23/2022	X					X						
SS.MH.T0003524	102034	01/18/2022	X		X			X						
SS.MH.T0003569	102035	10/12/2022	X					X						
SS.MH.T0003592	102036	10/11/2022	X				X	X						
SS.MH.T0003594	102037	10/22/2022	X				X	X						
SS.MH.T0003602	102038	08/23/2022	X					X						
SS.MH.T0003607	102039	08/23/2022	X					X						
SS.MH.T0003621	102040	10/11/2022	X				X	X						
SS.MH.T0003686	102041	10/11/2022	X				X	X						
SS.MH.T0003689	102042	10/11/2022	X				X	X						
SS.MH.T0003688	102043	10/11/2022	X				X	X						
SS.MH.T0003687	102044	10/11/2022	X				X	X						
SS.MH.T0003691	102045	10/07/2022	X				X	X						
SS.MH.T0003694	102046	10/18/2022	X				X	X						
SS.MH.T0003697	102047	10/07/2022	X				X	X						
SS.MH.T0003701	102048	10/07/2022	X				X	X						
SS.MH.T0003706	102049	10/20/2022	X					X						
SS.MH.T0003721	102050	10/10/2022	X				X	X						
SS.MH.T0003729	102051	12/09/2022	X				X	X						
SS.MH.T0003726	102052	06/22/2022	X					X						
SS.MH.T0003742	102053	10/11/2022	X				X	X						
SS.MH.T0003751	102054	10/11/2022	X					X						
SS.MH.T0003761	102055	10/11/2022	X				X	X						
SS.MH.T0003806	102056	10/12/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0003811	102057	10/07/2022	X				X	X						
SS.MH.T0003812	102058	10/11/2022	X					X						
SS.MH.T0003810	102059	10/12/2022	X					X						
SS.MH.T0003813	102060	10/20/2022	X				X	X						
SS.MH.T0003815	102061	10/21/2022	X					X						
SS.MH.T0003841	102062	10/04/2022	X					X						
SS.MH.T0003814	102063	10/18/2022	X	X				X						
SS.MH.T0003826	102064	10/06/2022	X	X				X						
SS.MH.T0003836	102065	10/07/2022	X					X						
SS.MH.T0003842	102066	10/04/2022	X					X						
SS.MH.T0003854	102067	10/10/2022	X				X	X						
SS.MH.T0003866	102068	10/10/2022	X				X	X						
SS.MH.T0003938	102069	11/15/2022	X				X	X						
SS.MH.T0004040	102070	10/07/2022	X				X	X						
SS.MH.T0003939	102071	10/11/2022	X				X	X						
SS.MH.T0004042	102072	10/10/2022	X				X	X						
SS.MH.T0004045	102073	11/17/2022	X				X	X						
SS.MH.T0004185	102074	09/22/2022	X				X	X						
SS.MH.T0004112	102075	08/23/2022	X	X			X	X						
SS.MH.T0004191	102076	03/11/2022	X				X	X						
SS.MH.T0004398	102077	10/19/2022	X				X	X						
SS.MH.T0004406	102078	09/22/2022	X				X	X						
SS.MH.T0004415	102079	11/10/2022	X	X			X	X						
SS.MH.T0004428	102080	09/22/2022	X				X	X						
SS.MH.T0004417	102081	11/08/2022	X				X	X						
SS.MH.T0004441	102083	09/22/2022	X				X	X						
SS.MH.T0004456	102084	12/09/2022	X				X	X						
SS.MH.T0004453	102087	09/22/2022	X				X	X						
SS.MH.T0004457	102088	09/22/2022	X				X	X						
SS.MH.T0004458	102089	09/22/2022	X				X	X						
SS.MH.T0004532	102095	09/22/2022	X				X	X						
SS.MH.T0004491	102096	09/22/2022	X				X	X						
SS.MH.T0004547	102097	11/15/2022	X				X	X						
SS.MH.T0004548	102098	11/10/2022	X				X	X						
SS.MH.T0004563	102099	02/01/2022	X	X				X						
SS.MH.T0004579	102101	09/27/2022	X				X	X						
SS.MH.T0004568	102102	10/03/2022	X				X	X						
SS.MH.T0004584	102103	09/27/2022	X				X	X						
SS.MH.T0004583	102104	09/27/2022	X				X	X						
SS.MH.T0004587	102105	11/21/2022	X				X	X						
SS.MH.T0004585	102106	09/27/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0004592	102108	11/21/2022	X				X	X						
SS.MH.T0004595	102109	10/20/2022	X					X						
SS.MH.T0004598	102110	11/21/2022	X				X	X						
SS.MH.T0004597	102111	09/27/2022	X				X	X						
SS.MH.T0004599	102112	09/27/2022	X				X	X						
SS.MH.T0004620	102113	10/25/2022	X				X	X						
SS.MH.T0004618	102114	09/23/2022	X				X	X						
SS.MH.T0004648	102115	11/15/2022	X				X	X						
SS.MH.T0004621	102116	11/16/2022	X				X	X						
SS.MH.T0004686	102117	11/21/2022	X				X	X						
SS.MH.T0004692	102119	12/12/2022	X				X	X						
SS.MH.T0004696	102120	12/12/2022	X				X	X						
SS.MH.T0004697	102121	02/24/2022	X	X			X	X						
SS.MH.T0004704	102122	09/26/2022	X				X	X						
SS.MH.T0004707	102123	12/07/2022	X				X	X						
SS.MH.T0004699	102124	09/26/2022	X				X	X						
SS.MH.T0004708	102125	09/28/2022	X				X	X						
SS.MH.T0004718	102126	10/25/2022	X	X			X	X						
SS.MH.T0004722	102127	10/04/2022	X				X	X						
SS.MH.T0004723	102128	02/24/2022	X				X	X						
SS.MH.T0004735	102129	10/06/2022	X				X	X						
SS.MH.T0004737	102130	10/04/2022	X				X	X						
SS.MH.T0004739	102131	10/20/2022	X				X	X						
SS.MH.T0004745	102132	10/04/2022	X				X	X						
SS.MH.T0004754	102133	09/28/2022	X				X	X						
SS.MH.T0004748	102134	09/28/2022	X	X				X					X	
SS.MH.T0004756	102135	09/07/2022	X					X						
SS.MH.T0004755	102136	09/29/2022	X				X	X						
SS.MH.T0004760	102137	09/28/2022	X		X		X	X						
SS.MH.T0004765	102138	10/21/2022	X				X	X						
SS.MH.T0004782	102139	10/13/2022	X				X	X						
SS.MH.T0004787	102140	11/02/2022	X				X	X						
SS.MH.T0004789	102141	09/28/2022	X				X	X						
SS.MH.T0004784	102142	09/28/2022	X		X		X	X						
SS.MH.T0004790	102143	09/29/2022	X				X	X						
SS.MH.T0004794	102144	11/07/2022	X				X	X						
SS.MH.T0004795	102145	11/04/2022	X				X	X						
SS.MH.T0004796	102146	05/21/2022	X		X		X	X						
SS.MH.T0004801	102147	09/29/2022	X				X	X						
SS.MH.T0004797	102148	09/29/2022	X				X	X						
SS.MH.T0004804	102149	11/18/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0004805	102150	08/25/2022	X	X			X	X						
SS.MH.T0004815	102151	11/16/2022	X				X	X						
SS.MH.T0004819	102152	11/17/2022	X				X	X						
SS.MH.T0004817	102153	09/28/2022	X				X	X						
SS.MH.T0004822	102154	10/04/2022	X		X		X	X						
SS.MH.T0004821	102155	11/16/2022	X				X	X						
SS.MH.T0004823	102156	09/09/2022	X					X						
SS.MH.T0004825	102157	11/07/2022	X				X	X						
SS.MH.T0004826	102158	10/04/2022	X				X	X						
SS.MH.T0004832	102159	11/16/2022	X				X	X						
SS.MH.T0004838	102160	10/20/2022	X				X	X						
SS.MH.T0004833	102161	10/04/2022	X				X	X						
SS.MH.T0004846	102162	10/19/2022	X				X	X						
SS.MH.T0004847	102163	12/06/2022	X				X	X						
SS.MH.T0004848	102164	10/06/2022	X				X	X						
SS.MH.T0004852	102165	12/13/2022	X				X	X						
SS.MH.T0004853	102166	09/29/2022	X				X	X						
SS.MH.T0004858	102167	10/06/2022	X				X	X						
SS.MH.T0004860	102168	10/06/2022	X				X	X						
SS.MH.T0004861	102169	10/06/2022	X				X	X						
SS.MH.T0004863	102170	10/06/2022	X				X	X						
SS.MH.T0004862	102171	10/13/2022	X		X		X	X						
SS.MH.T0004864	102172	12/01/2022	X				X	X						
SS.MH.T0004867	102174	12/12/2022	X				X	X						
SS.MH.T0004868	102175	11/18/2022	X	X			X	X						
SS.MH.T0004885	102176	08/19/2022	X	X				X						
SS.MH.T0004886	102177	12/13/2022	X	X			X	X						
SS.MH.T0004869	102178	11/18/2022	X				X	X						
SS.MH.T0004900	102179	09/30/2022	X				X	X						
SS.MH.T0004904	102180	11/23/2022	X				X	X						
SS.MH.T0004902	102181	09/27/2022	X	X				X						
SS.MH.T0004905	102182	09/28/2022	X				X	X						
SS.MH.T0004913	102183	09/27/2022	X		X	X		X						
SS.MH.T0004919	102184	11/28/2022	X				X	X						
SS.MH.T0004920	102185	11/28/2022	X	X			X	X						
SS.MH.T0004921	102186	09/30/2022	X	X			X	X						
SS.MH.T0004937	102187	09/30/2022	X	X	X	X	X	X					X	
SS.MH.T0004942	102188	09/28/2022	X				X	X						
SS.MH.T0004939	102189	10/04/2022	X				X	X						
SS.MH.T0004940	102190	10/04/2022	X				X	X						
SS.MH.T0004945	102191	09/27/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0004949	102192	10/04/2022	X	X			X	X						
SS.MH.T0004951	102193	12/07/2022	X				X	X						
SS.MH.T0004952	102194	10/04/2022	X				X	X						
SS.MH.T0004956	102195	11/29/2022	X				X	X						
SS.MH.T0004960	102196	09/30/2022	X				X	X						
SS.MH.T0004962	102197	09/29/2022	X				X	X						
SS.MH.T0004969	102198	01/04/2022	X					X						
SS.MH.T0004964	102199	09/26/2022	X	X				X						
SS.MH.T0004961	102200	09/29/2022	X				X	X						
SS.MH.T0004972	102201	10/25/2022	X		X	X		X						
SS.MH.T0004990	102203	09/30/2022	X	X			X	X						
SS.MH.T0004988	102204	10/19/2022	X				X	X						
SS.MH.T0004981	102205	09/27/2022	X	X	X	X		X						
SS.MH.T0004992	102206	11/23/2022	X				X	X						
SS.MH.T0004996	102207	10/19/2022	X	X			X	X						
SS.MH.T0005004	102208	12/05/2022	X				X	X						
SS.MH.T0005005	102209	09/30/2022	X				X	X						
SS.MH.T0005021	102212	11/29/2022	X				X	X						
SS.MH.T0005024	102213	09/30/2022	X		X	X	X	X						
SS.MH.T0005030	102214	11/28/2022	X				X	X						
SS.MH.T0005040	102215	09/29/2022	X				X	X						
SS.MH.T0005048	102216	10/13/2022	X				X	X						
SS.MH.T0005049	102217	11/03/2022	X				X	X						
SS.MH.T0005039	102218	09/30/2022	X	X			X	X						
SS.MH.T0005063	102222	09/30/2022	X				X	X						
SS.MH.T0005064	102223	11/07/2022	X		X		X	X						
SS.MH.T0005067	102224	11/04/2022	X				X	X						
SS.MH.T0005065	102225	11/17/2022	X				X	X						
SS.MH.T0005076	102226	09/26/2022	X	X				X						
SS.MH.T0005079	102227	09/30/2022	X				X	X						
SS.MH.T0005068	102228	11/04/2022	X				X	X						
SS.MH.T0005086	102229	09/30/2022	X				X	X						
SS.MH.T0005083	102230	09/29/2022	X				X	X						
SS.MH.T0005104	102231	09/29/2022	X				X	X						
SS.MH.T0005088	102232	11/22/2022	X				X	X						
SS.MH.T0005117	102234	10/19/2022	X				X	X						
SS.MH.T0005112	102235	11/16/2022	X				X	X						
SS.MH.T0005118	102236	11/21/2022	X				X	X						
SS.MH.T0005119	102237	09/28/2022	X				X	X						
SS.MH.T0005120	102238	11/18/2022	X				X	X						
SS.MH.T0005123	102239	09/28/2022	X				X	X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0005121	102240	09/28/2022	X				X	X						
SS.MH.T0005134	102241	09/23/2022	X					X						
SS.MH.T0005462	102242	10/07/2022	X				X	X						
SS.MH.T0005472	102243	10/07/2022	X				X	X						
SS.MH.T0005475	102244	10/07/2022	X		X		X	X						
SS.MH.T0005574	102245	06/28/2022	X					X						
SS.MH.T0005576	102246	10/07/2022	X				X	X						
SS.MH.T0005592	102247	06/25/2022	X					X						
SS.MH.T0005619	102248	09/28/2022	X		X	X		X						
SS.MH.T0005621	102249	11/16/2022	X				X	X						
SS.MH.T0005641	102250	01/27/2022	X	X				X						
SS.MH.T0005622	102251	11/18/2022	X				X	X						
SS.MH.T0005662	102253	09/27/2022	X				X	X						
SS.MH.T0005694	102254	10/05/2022	X				X	X						
SS.MH.T0005849	102255	09/28/2022	X				X	X						
SS.MH.T0005860	102256	11/04/2022	X		X	X	X	X					X	
SS.MH.T0005960	102257	08/24/2022	X					X						
SS.MH.T0005857	102258	11/23/2022	X				X	X						
SS.MH.T0005961	102259	09/10/2022	X					X						
SS.MH.T0005968	102260	10/06/2022	X				X	X						
SS.MH.T0006000	102261	10/22/2022	X					X						
SS.MH.T0006200	102262	10/07/2022	X				X	X						
SS.MH.T0007128	102263	10/12/2022	X				X	X					X	
SS.MH.T0007030	102264	10/12/2022	X	X			X	X						
SS.MH.T0007652	102265	03/11/2022	X				X	X						
SS.MH.T0007107	102266	08/16/2022	X					X						
SS.MH.T0007654	102267	10/22/2022	X					X						
SS.MH.T0007655	102268	10/22/2022	X					X						
SS.MH.T0007920	102269	08/16/2022	X	X				X						
SS.MH.T0007928	102270	10/10/2022	X				X	X						
SS.MH.T0007951	102271	10/17/2022	X					X						
SS.MH.T0007952	102272	06/22/2022	X					X						
SS.MH.T0007956	102273	06/24/2022	X					X						
SS.MH.T0008404	102274	10/19/2022	X	X	X	X		X						
SS.MH.T0008827	102275	10/12/2022	X				X	X						
SS.MH.T0008836	102276	10/10/2022	X				X	X						
SS.MH.T0008837	102277	10/10/2022	X				X	X						
SS.MH.T0008841	102278	10/12/2022	X				X	X					X	
SS.MH.T0008842	102279	06/21/2022	X				X	X						
SS.MH.T0009105	102280	08/29/2022	X					X						
SS.MH.T0009104	102281	06/22/2022	X					X						

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0009112	102282	06/23/2022	X					X						
SS.MH.T0009119	102283	03/12/2022	X					X						
SS.MH.T0009156	102284	06/20/2022	X					X						
SS.MH.T0010319	102285	08/18/2022	X					X						
SS.MH.T0010552	102286	10/10/2022	X				X	X						
SS.MH.T0010715	102287	06/22/2022	X					X						
SS.MH.T0009262	102288	09/22/2022	X				X	X						
SS.MH.T0012394	102289	08/24/2022	X	X				X						
SS.MH.T0012712	102290	09/26/2022	X				X	X						
SS.MH.T0012967	102291	10/13/2022	X				X	X						
SS.MH.T0012254	102292	10/05/2022	X				X	X						
SS.MH.T0013035	102293	09/24/2022	X	X			X	X					X	
SS.MH.T0013115	102294	10/06/2022	X					X						
SS.MH.T0013386	102295	09/23/2022	X				X	X						
SS.MH.T0013296	102296	09/29/2022	X					X						
SS.MH.T0013452	102300	10/10/2022	X				X	X						
SS.MH.T0013546	102301	09/22/2022	X					X						
SS.MH.T0013653	102302	06/27/2022	X					X						
SS.MH.T0013650	102303	01/04/2022	X				X	X						
SS.MH.T0013655	102304	09/29/2022	X					X						
SS.MH.T0013692	102305	08/24/2022	X	X				X						
SS.MH.T0013999	102306	03/10/2022	X					X						
SS.MH.T0014000	102307	08/20/2022	X					X						
SS.MH.T0014006	102308	11/17/2022	X				X	X						
SS.MH.T0014019	102309	08/29/2022	X				X	X						
SS.MH.T0014041	102311	10/06/2022	X				X	X						
SS.MH.T0014241	102312	10/04/2022	X					X						
SS.MH.T0014698	102313	09/22/2022	X					X						
SS.MH.T0014267	102314	06/29/2022	X				X	X						
SS.MH.T0014271	102315	06/28/2022	X	X				X						
SS.MH.T0014656	102316	09/30/2022	X					X						
SS.MH.T0014242	102317	10/04/2022	X					X						
SS.MH.T0014678	102318	10/18/2022	X					X						
SS.MH.T0014680	102319	10/18/2022	X					X						
SS.MH.T0014752	102320	11/22/2022	X				X	X						
SS.MH.T0014681	102321	10/18/2022	X					X						
SS.MH.T0014760	102322	11/22/2022	X				X	X						
SS.MH.T0014778	102323	10/20/2022	X					X						
SS.MH.T0000316	102845	02/08/2022		X			X							
SS.MH.T0000347	102847	02/01/2022											X	
SS.MH.T0000403	102849	09/26/2022					X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0000423	102850	02/15/2022		X										
SS.MH.T0000449	102851	02/09/2022			X	X								
SS.MH.T0000467	102853	02/11/2022		X										
SS.MH.T0000468	102854	02/11/2022		X										
SS.MH.T0000450	102856	04/27/2022									X	X		
SS.MH.T0000521	102857	10/13/2022					X							
SS.MH.T0000664	102858	10/03/2022					X							
SS.MH.T0000556	102859	02/02/2022		X										
SS.MH.T0000540	102860	01/12/2022		X										
SS.MH.T0000720	102863	04/22/2022									X	X		
SS.MH.T0000718	102864	10/10/2022					X				X	X		
SS.MH.T0000762	102867	10/03/2022					X							
SS.MH.T0000724	102868	04/22/2022									X	X		
SS.MH.T0000851	102871	09/22/2022					X							
SS.MH.T0000866	102872	03/29/2022			X	X								
SS.MH.T0001144	102883	09/27/2022					X							
SS.MH.T0001146	102884	09/27/2022					X							
SS.MH.T0001224	102886	05/09/2022									X	X		
SS.MH.T0001425	102888	04/28/2022									X	X		
SS.MH.T0001475	102889	04/22/2022									X	X		
SS.MH.T0001476	102890	10/10/2022					X				X	X		
SS.MH.T0001477	102891	02/18/2022							X					
SS.MH.T0001495	102892	10/10/2022					X							
SS.MH.T0001479	102893	02/17/2022		X			X		X					
SS.MH.T0001499	102894	10/07/2022					X							
SS.MH.T0001503	102895	10/07/2022					X							
SS.MH.T0001515	102900	11/17/2022		X			X							
SS.MH.T0001520	102901	10/12/2022					X							
SS.MH.T0001538	102903	05/09/2022					X				X	X		
SS.MH.T0001546	102905	10/12/2022					X				X	X		
SS.MH.T0001554	102906	01/12/2022		X										
SS.MH.T0001553	102907	01/11/2022					X							
SS.MH.T0001557	102908	10/12/2022					X				X	X		
SS.MH.T0001558	102910	10/13/2022					X				X	X		
SS.MH.T0001636	102913	02/18/2022		X										
SS.MH.T0001637	102914	02/21/2022		X			X							
SS.MH.T0001652	102915	10/07/2022					X							
SS.MH.T0001656	102916	10/07/2022					X							
SS.MH.T0001704	102917	02/18/2022					X						X	
SS.MH.T0001702	102918	01/26/2022		X										
SS.MH.T0001789	102920	10/03/2022					X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0001790	102921	10/03/2022					X				X	X		
SS.MH.T0001959	102926	04/21/2022		X							X	X		
SS.MH.T0002039	102929	12/14/2022					X							
SS.MH.T0002184	102931	10/10/2022					X				X	X		
SS.MH.T0002185	102932	10/07/2022					X							
SS.MH.T0002205	102935	05/09/2022									X	X		
SS.MH.T0002237	102942	10/13/2022					X				X	X		
SS.MH.T0002264	102947	05/09/2022					X				X	X		
SS.MH.T0002396	102950	05/09/2022					X				X	X		
SS.MH.T0002404	102951	10/12/2022					X				X	X		
SS.MH.T0002509	102953	01/11/2022		X										
SS.MH.T0002441	102954	01/19/2022						X						
SS.MH.T0002440	102955	01/19/2022		X										
SS.MH.T0002513	102956	01/26/2022		X										
SS.MH.T0002518	102957	05/09/2022		X							X	X		
SS.MH.T0002727	102960	10/03/2022					X							
SS.MH.T0002832	102963	09/22/2022					X							
SS.MH.T0002833	102966	09/22/2022					X							
SS.MH.T0002839	102967	04/21/2022					X				X	X		
SS.MH.T0002840	102972	11/30/2022					X							
SS.MH.T0002890	102977	04/21/2022					X				X	X		
SS.MH.T0003013	102981	12/14/2022					X							
SS.MH.T0003027	102983	09/22/2022					X							
SS.MH.T0003057	102985	04/21/2022									X	X		
SS.MH.T0003071	102990	10/03/2022					X							
SS.MH.T0003164	102995	10/13/2022		X	X	X	X						X	
SS.MH.T0003165	102996	09/23/2022					X				X	X		
SS.MH.T0003166	102997	09/23/2022					X							
SS.MH.T0003167	102998	09/23/2022					X							
SS.MH.T0003170	102999	09/23/2022					X							
SS.MH.T0003169	103000	09/23/2022					X							
SS.MH.T0003172	103001	09/23/2022					X				X	X		
SS.MH.T0003199	103003	10/04/2022					X							
SS.MH.T0003198	103004	11/17/2022		X			X							
SS.MH.T0003200	103005	10/04/2022					X							
SS.MH.T0003218	103006	05/12/2022									X	X		
SS.MH.T0003206	103007	12/07/2022		X										
SS.MH.T0003222	103008	10/05/2022					X				X	X		
SS.MH.T0003226	103009	10/05/2022					X				X	X		
SS.MH.T0003228	103010	10/06/2022					X							
SS.MH.T0003229	103011	10/06/2022					X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0003233	103012	10/05/2022					X							
SS.MH.T0003236	103014	10/05/2022					X							
SS.MH.T0003245	103016	10/05/2022					X		X					
SS.MH.T0003247	103017	10/05/2022					X							
SS.MH.T0003266	103018	10/06/2022					X	X						
SS.MH.T0003269	103019	10/06/2022					X				X	X		
SS.MH.T0003270	103020	10/06/2022					X							
SS.MH.T0003285	103021	09/23/2022					X							
SS.MH.T0003292	103022	09/23/2022					X							
SS.MH.T0003294	103023	10/06/2022					X				X	X		
SS.MH.T0003302	103024	09/23/2022					X							
SS.MH.T0003319	103026	10/07/2022					X							
SS.MH.T0003357	103027	10/12/2022					X							
SS.MH.T0003365	103029	10/07/2022					X							
SS.MH.T0003363	103030	10/07/2022					X				X	X		
SS.MH.T0003428	103032	01/13/2022		X										
SS.MH.T0003512	103043	10/11/2022					X							
SS.MH.T0003517	103044	10/11/2022					X				X	X		
SS.MH.T0003593	103046	10/11/2022					X				X	X		
SS.MH.T0003603	103051	10/11/2022					X							
SS.MH.T0003618	103052	01/25/2022		X										
SS.MH.T0003642	103053	10/07/2022					X							
SS.MH.T0003651	103055	05/04/2022									X	X		
SS.MH.T0003665	103058	10/11/2022					X				X	X		
SS.MH.T0003674	103059	01/27/2022			X	X								
SS.MH.T0003678	103060	01/27/2022					X							
SS.MH.T0003696	103061	05/04/2022									X	X		
SS.MH.T0003690	103062	10/07/2022					X				X	X		
SS.MH.T0003712	103063	04/28/2022									X	X		
SS.MH.T0003708	103064	02/02/2022		X										
SS.MH.T0003752	103065	05/10/2022									X	X		
SS.MH.T0003754	103066	02/14/2022		X					X					
SS.MH.T0003785	103068	02/21/2022		X										
SS.MH.T0003804	103069	02/22/2022			X	X								
SS.MH.T0003801	103070	02/02/2022		X			X							
SS.MH.T0003819	103071	10/07/2022					X				X	X		
SS.MH.T0003820	103072	10/07/2022					X				X	X		
SS.MH.T0003822	103073	05/04/2022		X							X	X		
SS.MH.T0003824	103074	02/01/2022		X										
SS.MH.T0003831	103075	02/11/2022		X										
SS.MH.T0003853	103077	10/10/2022					X				X	X		

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0003857	103078	10/10/2022					X	X			X	X		
SS.MH.T0003862	103079	02/11/2022		X										
SS.MH.T0003858	103080	02/09/2022						X						
SS.MH.T0003865	103083	04/27/2022									X	X		
SS.MH.T0003875	103084	02/11/2022							X					
SS.MH.T0003877	103085	04/27/2022									X	X		
SS.MH.T0003898	103087	05/04/2022						X			X	X		
SS.MH.T0003935	103088	05/04/2022									X	X		
SS.MH.T0003936	103089	10/11/2022					X				X	X		
SS.MH.T0003878	103090	04/27/2022						X			X	X		
SS.MH.T0003937	103091	03/10/2022			X	X								
SS.MH.T0004041	103093	10/07/2022					X				X	X		
SS.MH.T0004048	103094	10/07/2022					X				X	X		
SS.MH.T0004046	103095	10/10/2022					X				X	X		
SS.MH.T0004105	103096	10/11/2022					X		X		X	X		
SS.MH.T0004106	103097	05/04/2022		X			X				X	X		
SS.MH.T0004115	103098	05/04/2022						X			X	X		
SS.MH.T0004119	103099	05/04/2022									X	X		
SS.MH.T0004137	103100	10/12/2022					X							
SS.MH.T0004202	103106	05/04/2022									X	X		
SS.MH.T0004408	103109	09/22/2022					X							
SS.MH.T0004422	103111	03/04/2022												
SS.MH.T0004435	103113	11/16/2022					X							
SS.MH.T0004437	103114	11/16/2022					X							
SS.MH.T0004486	103124	11/08/2022					X							
SS.MH.T0004550	103127	10/03/2022					X							
SS.MH.T0004614	103128	09/27/2022					X							
SS.MH.T0004569	103129	10/03/2022					X							
SS.MH.T0004619	103131	09/27/2022					X							
SS.MH.T0004690	103134	03/09/2022		X										
SS.MH.T0004694	103136	09/23/2022					X							
SS.MH.T0004700	103137	09/26/2022					X							
SS.MH.T0004702	103138	09/28/2022					X							
SS.MH.T0004701	103139	09/26/2022					X							
SS.MH.T0004705	103140	12/08/2022					X							
SS.MH.T0004710	103141	09/26/2022					X							
SS.MH.T0004711	103143	09/29/2022					X							
SS.MH.T0004725	103144	12/14/2022					X							
SS.MH.T0004741	103146	10/06/2022					X							
SS.MH.T0004742	103147	10/05/2022					X							
SS.MH.T0004759	103148	11/04/2022					X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0004777	103150	09/28/2022					X							
SS.MH.T0004783	103151	09/28/2022					X							
SS.MH.T0004788	103152	09/28/2022					X							
SS.MH.T0004791	103153	09/29/2022					X							
SS.MH.T0004792	103155	09/29/2022					X							
SS.MH.T0004798	103156	09/29/2022					X							
SS.MH.T0004809	103157	11/04/2022					X							
SS.MH.T0004820	103162	11/02/2022					X							
SS.MH.T0004835	103163	10/05/2022					X							
SS.MH.T0004834	103164	10/05/2022					X							
SS.MH.T0004836	103165	10/05/2022					X							
SS.MH.T0004844	103166	11/30/2022					X							
SS.MH.T0004849	103167	10/06/2022					X							
SS.MH.T0004854	103168	09/29/2022					X							
SS.MH.T0004850	103169	10/06/2022					X							
SS.MH.T0004874	103171	12/08/2022					X							
SS.MH.T0004883	103173	10/04/2022					X							
SS.MH.T0004889	103174	11/29/2022					X				X	X		
SS.MH.T0004890	103175	09/29/2022					X							
SS.MH.T0004917	103176	09/30/2022					X							
SS.MH.T0004906	103178	09/28/2022					X							
SS.MH.T0004948	103179	11/29/2022					X							
SS.MH.T0004941	103180	12/12/2022					X							
SS.MH.T0004938	103181	10/04/2022					X							
SS.MH.T0004955	103182	10/04/2022					X							
SS.MH.T0004968	103183	09/30/2022					X							
SS.MH.T0004974	103184	10/03/2022					X							
SS.MH.T0004989	103185	09/30/2022		X			X				X	X	X	
SS.MH.T0005034	103187	09/29/2022					X							
SS.MH.T0005047	103189	09/29/2022					X							
SS.MH.T0005052	103190	09/30/2022					X							
SS.MH.T0005069	103193	11/04/2022			X	X	X							
SS.MH.T0005061	103194	09/30/2022					X				X	X		
SS.MH.T0005071	103195	09/26/2022					X				X	X		
SS.MH.T0005075	103196	09/29/2022					X							
SS.MH.T0005080	103197	09/30/2022					X							
SS.MH.T0005087	103198	09/30/2022					X							
SS.MH.T0005101	103199	09/29/2022					X							
SS.MH.T0005102	103200	09/29/2022					X							
SS.MH.T0005137	103202	10/10/2022					X							
SS.MH.T0005450	103205	10/10/2022					X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0005454	103206	10/07/2022					X				X	X		
SS.MH.T0005460	103207	04/28/2022									X	X		
SS.MH.T0005455	103208	04/27/2022									X	X		
SS.MH.T0005461	103209	04/28/2022									X	X		
SS.MH.T0005478	103213	02/08/2022		X										
SS.MH.T0005479	103214	02/08/2022		X										
SS.MH.T0005481	103215	02/07/2022							X					
SS.MH.T0005482	103216	02/08/2022					X							
SS.MH.T0005484	103217	11/16/2022					X							
SS.MH.T0005616	103218	09/28/2022					X							
SS.MH.T0005499	103219	10/10/2022					X				X	X		
SS.MH.T0005620	103220	10/13/2022					X							
SS.MH.T0005624	103221	09/27/2022					X							
SS.MH.T0005764	103223	09/28/2022					X							
SS.MH.T0005765	103225	09/28/2022					X							
SS.MH.T0005782	103226	09/29/2022					X							
SS.MH.T0005844	103227	09/29/2022					X							
SS.MH.T0005848	103228	09/30/2022					X							
SS.MH.T0005851	103229	09/30/2022					X							
SS.MH.T0005850	103230	09/30/2022					X							
SS.MH.T0005852	103231	09/30/2022					X							
SS.MH.T0005853	103232	09/30/2022					X							
SS.MH.T0005899	103233	09/30/2022			X	X	X						X	
SS.MH.T0005858	103234	09/30/2022					X							
SS.MH.T0005900	103236	09/30/2022					X							
SS.MH.T0005965	103237	12/14/2022					X							
SS.MH.T0006001	103238	01/06/2022						X						
SS.MH.T0006838	103239	09/28/2022					X							
SS.MH.T0006845	103240	12/09/2022					X							
SS.MH.T0006844	103241	10/26/2022												
SS.MH.T0006177	103242	02/08/2022						X						
SS.MH.T0006848	103243	09/23/2022					X							
SS.MH.T0007106	103244	02/17/2022							X					
SS.MH.T0007110	103245	02/15/2022			X	X								
SS.MH.T0007259	103246	10/12/2022					X				X	X		
SS.MH.T0007111	103247	02/15/2022		X										
SS.MH.T0007272	103248	10/12/2022					X							
SS.MH.T0007260	103249	10/12/2022					X				X	X		
SS.MH.T0007275	103250	01/25/2022					X							
SS.MH.T0007276	103251	01/25/2022		X			X							
SS.MH.T0007291	103252	02/16/2022		X			X							

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0007294	103253	05/04/2022									X	X		
SS.MH.T0007299	103254	05/04/2022									X	X		
SS.MH.T0007336	103255	04/22/2022							X		X	X		
SS.MH.T0007302	103256	05/04/2022									X	X		
SS.MH.T0007350	103257	10/10/2022					X				X	X		
SS.MH.T0007360	103259	04/22/2022									X	X		
SS.MH.T0007500	103261	01/25/2022		X										
SS.MH.T0007501	103262	10/12/2022					X				X	X		
SS.MH.T0007882	103266	02/10/2022												
SS.MH.T0007965	103267	10/10/2022					X				X	X		
SS.MH.T0008341	103269	04/21/2022		X							X	X	X	
SS.MH.T0008402	103272	02/23/2022		X										
SS.MH.T0008938	103273	03/09/2022					X							
SS.MH.T0008942	103274	03/09/2022					X							
SS.MH.T0008810	103275	10/12/2022					X							
SS.MH.T0008943	103276	10/12/2022					X							
SS.MH.T0008944	103277	10/12/2022					X							
SS.MH.T0008949	103278	04/21/2022		X	X	X	X				X	X		
SS.MH.T0009106	103279	04/28/2022									X	X		
SS.MH.T0009109	103282	01/20/2022			X	X								
SS.MH.T0009123	103285	01/13/2022							X					
SS.MH.T0009159	103286	03/31/2022						X						
SS.MH.T0009120	103287	01/14/2022		X					X					
SS.MH.T0009213	103289	03/09/2022					X							
SS.MH.T0009211	103292	03/09/2022					X							
SS.MH.T0009235	103293	10/12/2022					X				X	X		
SS.MH.T0009237	103294	04/19/2022							X		X	X		
SS.MH.T0009570	103296	01/26/2022						X						
SS.MH.T0009945	103298	02/09/2022		X										
SS.MH.T0010265	103299	06/15/2022											X	
SS.MH.T0010892	103300	02/09/2022		X										
SS.MH.T0012954	103303	10/05/2022					X		X		X	X		
SS.MH.T0013114	103306	02/01/2022		X										
SS.MH.T0013179	103309	02/02/2022		X										
SS.MH.T0013247	103310	01/27/2022			X	X								
SS.MH.T0013251	103311	05/04/2022							X		X	X		
SS.MH.T0013252	103313	05/04/2022									X	X		
SS.MH.T0013260	103316	04/27/2022							X		X	X		
SS.MH.T0013271	103317	10/10/2022					X							
SS.MH.T0013274	103318	02/01/2022		X										
SS.MH.T0013299	103319	05/04/2022		X							X	X		

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0013318	103323	05/09/2022		X			X				X	X		
SS.MH.T0013474	103324	01/27/2022					X						X	
SS.MH.T0013564	103325	10/10/2022					X							
SS.MH.T0013571	103326	04/27/2022									X	X		
SS.MH.T0013651	103328	10/06/2022					X							
SS.MH.T0013713	103330	04/21/2022					X				X	X		
SS.MH.T0013917	103332	10/12/2022					X				X	X		
SS.MH.T0013965	103333	05/21/2022											X	
SS.MH.T0014046	103337	10/05/2022					X							
SS.MH.T0014094	103340	04/26/2022									X	X		
SS.MH.T0014095	103341	02/16/2022											X	
SS.MH.T0014096	103342	02/16/2022		X										
SS.MH.T0014097	103343	04/28/2022									X	X		
SS.MH.T0014109	103344	02/15/2022		X										
SS.MH.T0014209	103347	02/10/2022						X						
SS.MH.T0014194	103348	02/09/2022		X										
SS.MH.T0014225	103351	04/26/2022									X	X		
SS.MH.T0014269	103354	01/06/2022		X										
SS.MH.T0014270	103355	05/27/2022						X						
SS.MH.T0014301	103357	02/25/2022			X	X								
SS.MH.T0014334	103362	04/21/2022		X							X	X		
SS.MH.T0011977	103364	05/10/2022									X	X		
SS.MH.T0014654	103365	02/02/2022		X			X							
SS.MH.T0014669	103366	01/12/2022			X	X								
SS.MH.T0014674	103367	01/13/2022		X										
SS.MH.T0014769	103371	10/06/2022					X							
SS.MH.T0005074	103374	11/22/2022					X							
SS.MH.T0014821	103375	09/28/2022					X							
SS.MH.T0012817	107271	01/27/2022												
SS.MH.T0007512	117228	05/22/2022	X					X					X	X
SS.MH.T0000140	117229	05/01/2022	X					X						X
SS.MH.T0007513	117230	05/22/2022		X							X	X		
SS.MH.T0007515	117231	05/22/2022		X							X	X		
SS.MH.T0007511	117232	05/22/2022	X					X						X
SS.MH.T0007510	117233	05/22/2022		X	X						X	X		
SS.MH.T0007538	117234	05/22/2022	X	X				X						X
SS.MH.T0007509	117235	05/22/2022		X							X	X		
SS.MH.T0007540	117236	05/22/2022												
SS.MH.T0007507	117237	05/22/2022												
SS.MH.T0007508	117239	05/22/2022												
SS.MH.T0007506	117240	05/22/2022												

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0007541	117241	05/22/2022									X	X		
SS.MH.T0007542	117242	05/22/2022												
SS.MH.T0007544	117243	05/22/2022		X			X				X	X		
SS.MH.T0007545	117244	05/22/2022												
SS.MH.T0007546	117245	05/22/2022												
SS.MH.T0007517	117246	03/22/2022		X							X	X		
SS.MH.T0007518	117248	04/22/2022	X					X						X
SS.MH.T0007519	117249	05/22/2022												
SS.MH.T0007520	117250	05/22/2022												
SS.MH.T0007521	117251	03/22/2022												
SS.MH.T0007522	117252	05/22/2022												
SS.MH.T0007523	117253	03/22/2022			X									
SS.MH.T0007524	117254	03/22/2022	X					X						X
SS.MH.T0007525	117255	05/22/2022												
SS.MH.T0007526	117256	03/22/2022												
SS.MH.T0007527	117257	03/22/2022											X	
SS.MH.T0007528	117258	03/22/2022	X					X						X
SS.MH.T0007547	117259	05/22/2022												
SS.MH.T0007556	117260	03/22/2022												
SS.MH.T0007555	117261	03/22/2022		X			X							
SS.MH.T0007529	117262	05/22/2022												
SS.MH.T0007530	117263	03/22/2022												
SS.MH.T0007531	117264	05/22/2022												
SS.MH.T0007532	117265	05/22/2022												
SS.MH.T0007554	117266	05/22/2022												
SS.MH.T0007533	117267	05/22/2022												
SS.MH.T0007534	117268	05/22/2022												
SS.MH.T0007535	117269	03/22/2022												
SS.MH.T0007551	117270	05/22/2022												
SS.MH.T0007549	117272	02/22/2022	X					X						X
SS.MH.T0015422	117273	02/22/2022	X					X						X
SS.MH.T0007552	117274	06/22/2022												
SS.MH.T0007550	117275	06/22/2022												
SS.MH.T0007536	117276	06/22/2022												
SS.MH.T0007553	117278	02/22/2022												
SS.MH.T0007514	117281	05/22/2022		X							X	X		
SS.MH.T0007861	118053	04/01/2022					X							
SS.MH.T0014482	118054	06/01/2022	X					X						
SS.MH.T0007862	118055	04/01/2022						X						
SS.MH.T0000581	118056	04/01/2022					X	X						
SS.MH.T0014480	118057	03/01/2022												

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0014486	118058	03/01/2022												
SS.MH.T0006287	118059	03/01/2022												
SS.MH.T0013276	118060	03/01/2022												
SS.MH.T0014790	118061	03/01/2022												
SS.MH.T0005988	118063	03/01/2022												
SS.MH.T0001690	118069	06/01/2022												
SS.MH.T0005315	118073	04/01/2022												
SS.MH.T0008535	118074	06/01/2022												
SS.MH.T0008533	118076	06/01/2022	X											X
SS.MH.T0007467	118077	06/01/2022	X											X
SS.MH.T0008291	118079	06/01/2022	X											X
SS.MH.T0003139	118080	06/01/2022	X											X
SS.MH.T0007651	118081	06/01/2022	X											X
SS.MH.T0007650	118082	06/01/2022	X											X
SS.MH.T0007649	118084	06/01/2022	X											X
SS.MH.T0013578	118086	03/01/2022												
SS.MH.T0014945	118089	06/01/2022												
SS.MH.T0004514	118093	03/01/2022												
SS.MH.T0004497	118095	07/01/2022												
SS.MH.T0012984	118098	11/01/2022												
SS.MH.T0004466	118100	08/01/2022												
SS.MH.T0002793	118105	08/01/2022												
SS.MH.T0013481	118108	09/01/2022												
SS.MH.T0000969	118109	12/01/2022												
SS.MH.T0000973	118113	09/01/2022												
SS.MH.T0000979	118117	09/01/2022												
SS.MH.T0000982	118120	09/01/2022												
SS.MH.T0000983	118121	09/01/2022												
SS.MH.T0000984	118122	09/01/2022												
SS.MH.T0008996	118123	11/01/2022												
SS.MH.T0000987	118126	10/01/2022												
SS.MH.T0000990	118128	10/01/2022												
SS.MH.T0000991	118130	10/01/2022												
SS.MH.T0000992	118131	10/01/2022												
SS.MH.T0000999	118138	09/01/2022												
SS.MH.T0001003	118140	09/01/2022												
SS.MH.T0002996	118142	07/01/2022												
SS.MH.T0002998	118144	07/01/2022												
SS.MH.T0009283	118145	07/01/2022												
SS.MH.T0002999	118146	07/01/2022												
SS.MH.T0007559	118149	07/01/2022												

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0004495	118151	08/01/2022												
SS.MH.T0003114	118152	08/01/2022												
SS.MH.T0003112	118154	08/01/2022												
SS.MH.T0004494	118155	08/01/2022												
SS.MH.T0000962	118157	12/01/2022												
SS.MH.T0007560	118158	09/01/2022												
SS.MH.T0000963	118159	12/01/2022												
SS.MH.T0000944	118162	06/01/2022												
SS.MH.T0000945	118163	09/01/2022												
SS.MH.T0000948	118166	11/01/2022												
SS.MH.T0000949	118168	09/01/2022												
SS.MH.T0000951	118169	11/01/2022												
SS.MH.T0000950	118170	11/01/2022												
SS.MH.T0000953	118172	11/01/2022												
SS.MH.T0012997	118174	07/01/2022												
SS.MH.T0001008	118175	04/01/2022												
SS.MH.T0001124	118176	06/01/2022												
SS.MH.T0005180	118181	03/01/2022		X										
SS.MH.T0000959	118182	09/01/2022		X										
SS.MH.T0000960	118183	09/01/2022		X										
SS.MH.T0005190	118184	03/01/2022		X										
SS.MH.T0000977	118185	09/01/2022		X			X							
SS.MH.T0005820	118186	11/01/2022		X										
SS.MH.T0000978	118187	09/01/2022		X										
SS.MH.T0006978	118188	02/01/2022						X		X				
SS.MH.T0003140	118189	03/01/2022		X										
SS.MH.T0012983	118190	03/01/2022	X	X						X				
SS.MH.T0003142	118191	03/01/2022		X										
SS.MH.T0013577	118192	03/01/2022		X	X	X								
SS.MH.T0004463	118194	08/01/2022	X	X										
SS.MH.T0004465	118195	08/01/2022		X						X				
SS.MH.T0004217	118965	11/01/2022					X							
SS.MH.T0005690	119907	10/25/2022	X				X			X				
SS.MH.T0005691	119908	10/25/2022	X				X			X				
SS.MH.T0005757	119921	10/25/2022	X				X				X	X		
SS.MH.T0005878	119969	10/27/2022	X				X			X				
SS.MH.T0005888	119970	10/27/2022	X				X			X				
SS.MH.T0005896	119972	10/26/2022	X				X			X				
SS.MH.T0005897	119973	10/26/2022	X		X	X	X			X				
SS.MH.T0005915	119978	10/25/2022	X				X				X	X		
SS.MH.T0001051	132441	07/05/2022												

Table L-2b: Manhole Repairs - Contractors

Asset ID	Work Order	Date Completed	Coat	Realign & Seal Ring	Replace Cover	Replace Ring	Install Inflow Protector	Repair Bench and/or invert	Seal Pipe(s)	Stop I&I (Seal Barrel)	Repair Chimney	Seal Chimney	Raise Manhole	Root Removal
SS.MH.T0001054	132444	07/07/2022												
SS.MH.T0001898	132449	06/23/2022												
SS.MH.T0001102	132456	10/12/2022												
SS.MH.T0001104	132457	10/05/2022												
SS.MH.T0001106	132458	09/26/2022												
SS.MH.T0001113	132459	10/24/2022												
SS.MH.T0001116	132460	08/29/2022												
SS.MH.T0001119	132461	10/24/2022												
SS.MH.T0010974	64949	01/24/2022												
SS.MH.T0005443	80306	01/03/2022			X	X								
SS.MH.T0013880	81317	01/20/2022												
SS.MH.T0010657	84315	01/20/2022												
SS.MH.T0012949	92426	02/10/2022												
SS.MH.T0002570	94661	01/25/2022	X				X							
SS.MH.T0002146	98376	01/10/2022											X	
SS.MH.T0009516	98390	01/12/2022												
SS.MH.T0001128	98972	01/22/2022	X					X						
SS.MH.T0001915	98985	01/27/2022	X	X			X							
SS.MH.T0002667	98994	03/08/2022	X	X										
SS.MH.T0002946	99003	07/18/2022					X							

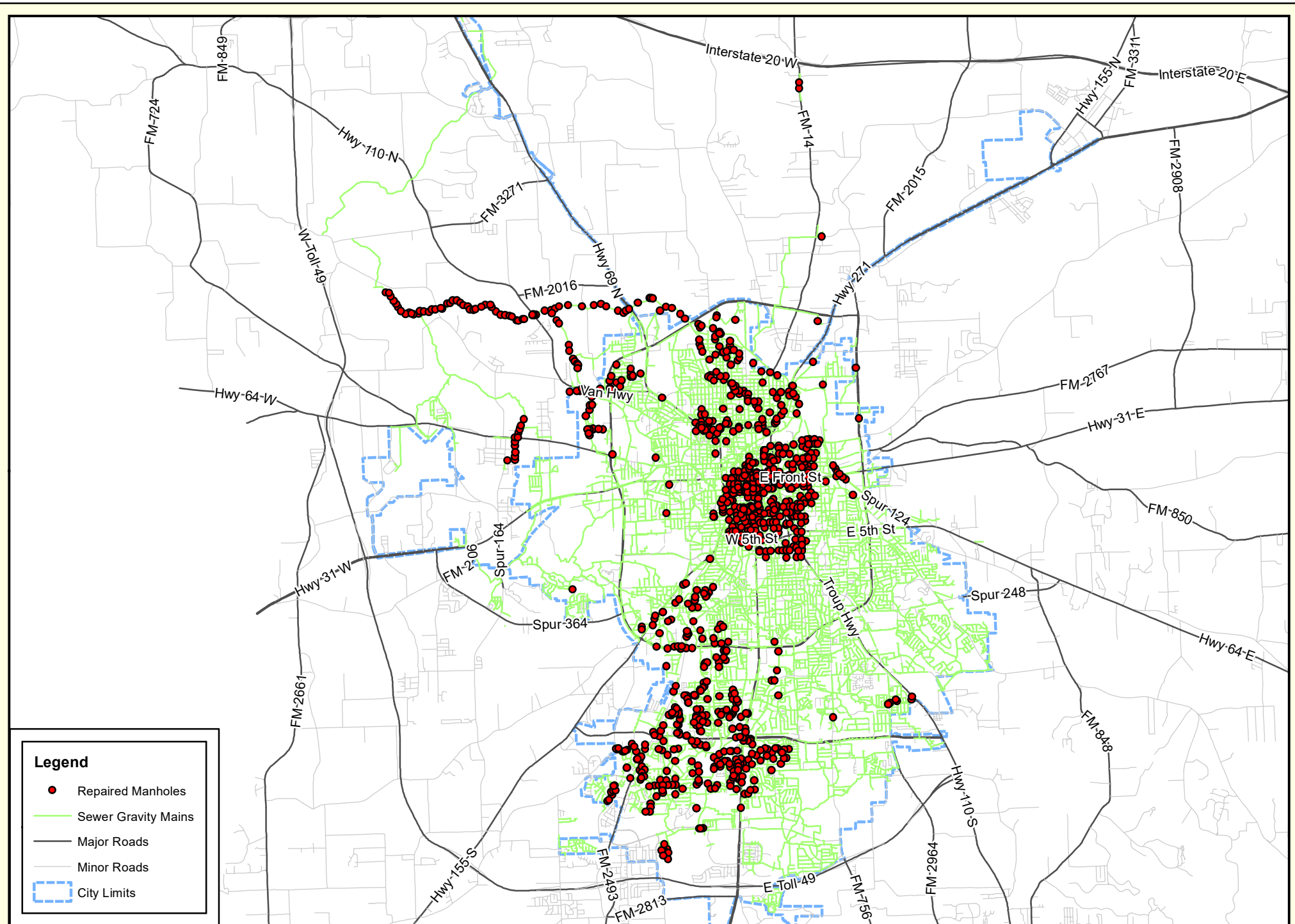


Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	101866	09/07/2022	3	3	2	D	B	SS.MH.T0001006	Rehabilitate Manhole
	101870	10/28/2022	3	66	7	D	B	SS.MH.T0001051	Rehabilitate Manhole
	101872	02/01/2022	3	68	7	D	B	SS.MH.T0001054	Rehabilitate Manhole
	101879	09/22/2022	3	92	7	D	B	SS.MH.T0001106	Rehabilitate Manhole
	101936	09/07/2022	3	6	2	D	B	SS.MH.T0002353	Rehabilitate Manhole
	101945	09/07/2022	3	8	2	D	B	SS.MH.T0002780	Rehabilitate Manhole
	101964	01/12/2022	3	258	10	D	B	SS.MH.T0002851	Rehabilitate Manhole
	102301	09/22/2022	3	57	5	D	B	SS.MH.T0013546	Rehabilitate Manhole
	103063	04/28/2022	3	2495	17	D	C	SS.MH.T0003712	Repair Manhole
	103324	01/27/2022	3	3158	18	D	C	SS.MH.T0013474	Repair Manhole
	117249	05/22/2022	3	9	2	D	C	SS.MH.T0007519	Repair Manhole
	118113	09/01/2022	3	1	2	D	C	SS.MH.T0000973	Repair Manhole
	118194	08/01/2022	3	785	13	D	B	SS.MH.T0004463	Rehabilitate Manhole
	101736	01/25/2022	3	262	10	D	B	SS.MH.T0002856	Rehabilitate Manhole
	101737	03/15/2022	3	364	11	D	B	SS.MH.T0002866	Rehabilitate Manhole
	101738	01/25/2022	3	362	11	D	B	SS.MH.T0002864	Rehabilitate Manhole
	101739	08/02/2022	3	363	11	D	B	SS.MH.T0002865	Rehabilitate Manhole
	101740	03/15/2022	3	260	10	D	B	SS.MH.T0002854	Rehabilitate Manhole
	101741	01/21/2022	3	387	11	D	B	SS.MH.T0002893	Rehabilitate Manhole
	101742	03/15/2022	3	397	11	D	B	SS.MH.T0002908	Rehabilitate Manhole
	101743	03/15/2022	3	405	11	D	B	SS.MH.T0003028	Rehabilitate Manhole
	101744	01/21/2022	3	586	13	D	B	SS.MH.T0003065	Rehabilitate Manhole
	101745	03/31/2022	3	379	11	D	B	SS.MH.T0002885	Rehabilitate Manhole
	101746	03/31/2022	3	383	11	D	B	SS.MH.T0002889	Rehabilitate Manhole
	101747	03/15/2022	3	386	11	D	B	SS.MH.T0002892	Rehabilitate Manhole
	101748	03/31/2022	3	396	11	D	B	SS.MH.T0002907	Rehabilitate Manhole
	101749	03/15/2022	3	578	13	D	B	SS.MH.T0003056	Rehabilitate Manhole
	101750	03/31/2022	3	866	13	D	B	SS.MH.T0004703	Rehabilitate Manhole
	101833	06/21/2022	3	1577	16	D	B	SS.MH.T0000345	Rehabilitate Manhole
	101834	08/16/2022	3	3180	U2	D	B	SS.MH.T0000426	Rehabilitate Manhole
	101835	10/29/2022	3	476	13	D	B	SS.MH.T0000391	Rehabilitate Manhole
	101836	10/10/2022	3	1956	17	D	B	SS.MH.T0000464	Rehabilitate Manhole
	101837	09/30/2022	3	478	13	D	B	SS.MH.T0000405	Rehabilitate Manhole
	101838	08/16/2022	3	3182	U2	D	B	SS.MH.T0000428	Rehabilitate Manhole
	101839	10/07/2022	3	1970	17	D	B	SS.MH.T0000481	Rehabilitate Manhole
	101840	03/11/2022	3	1579	16	D	B	SS.MH.T0000493	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	101841	10/06/2022	3	1975	17	D	B	SS.MH.T0000487	Rehabilitate Manhole
	101842	08/17/2022	3	1974	17	D	B	SS.MH.T0000486	Rehabilitate Manhole
	101843	08/25/2022	3	1584	16	D	B	SS.MH.T0000498	Rehabilitate Manhole
	101844	08/25/2022	3	1588	16	D	B	SS.MH.T0000502	Rehabilitate Manhole
	101845	10/24/2022	3	1976	17	D	B	SS.MH.T0000539	Rehabilitate Manhole
	101846	11/09/2022	3	480	13	D	B	SS.MH.T0000673	Rehabilitate Manhole
	101847	09/22/2022	3	181	10	D	B	SS.MH.T0000667	Rehabilitate Manhole
	101848	09/22/2022	3	180	10	D	B	SS.MH.T0000661	Rehabilitate Manhole
	101849	01/28/2022	3	184	10	D	B	SS.MH.T0000671	Rehabilitate Manhole
	101850	11/15/2022	3	185	10	D	B	SS.MH.T0000672	Rehabilitate Manhole
	101851	01/28/2022	3	189	10	D	B	SS.MH.T0000678	Rehabilitate Manhole
	101852	10/10/2022	3	1998	17	D	B	SS.MH.T0000699	Rehabilitate Manhole
	101853	09/24/2022	3	186	10	D	B	SS.MH.T0000675	Rehabilitate Manhole
	101857	10/04/2022	3	493	13	D	B	SS.MH.T0000779	Rehabilitate Manhole
	101858	10/07/2022	3	2031	17	D	B	SS.MH.T0000839	Rehabilitate Manhole
	101859	10/27/2022	3	2029	17	D	B	SS.MH.T0000832	Rehabilitate Manhole
	101860	10/07/2022	3	2032	17	D	B	SS.MH.T0000840	Rehabilitate Manhole
	101861	10/07/2022	3	2033	17	D	B	SS.MH.T0000841	Rehabilitate Manhole
	101862	01/28/2022	3	201	10	D	B	SS.MH.T0000871	Rehabilitate Manhole
	101863	10/24/2022	3	195	10	D	B	SS.MH.T0000865	Rehabilitate Manhole
	101864	09/28/2022	3	60	7	D	B	SS.MH.T0000890	Rehabilitate Manhole
	101865	09/29/2022	3	505	13	D	B	SS.MH.T0001026	Rehabilitate Manhole
	101867	01/27/2022	3	63	7	D	B	SS.MH.T0001044	Rehabilitate Manhole
	101868	01/27/2022	3	65	7	D	B	SS.MH.T0001046	Rehabilitate Manhole
	101871	02/01/2022	3	67	7	D	B	SS.MH.T0001053	Rehabilitate Manhole
	101873	03/10/2022	3	76	7	D	B	SS.MH.T0001062	Rehabilitate Manhole
	101874	03/07/2022	3	81	7	D	B	SS.MH.T0001067	Rehabilitate Manhole
	101876	09/22/2022	3	89	7	D	B	SS.MH.T0001103	Rehabilitate Manhole
	101877	08/29/2022	3	85	7	D	B	SS.MH.T0001095	Rehabilitate Manhole
	101882	01/26/2022	3	101	7	D	B	SS.MH.T0001117	Rehabilitate Manhole
	101885	09/27/2022	3	508	13	D	B	SS.MH.T0001143	Rehabilitate Manhole
	101886	08/29/2022	3	511	13	D	B	SS.MH.T0001147	Rehabilitate Manhole
	101887	03/07/2022	3	513	13	D	B	SS.MH.T0001150	Rehabilitate Manhole
	101888	09/27/2022	3	515	13	D	B	SS.MH.T0001260	Rehabilitate Manhole
	101889	10/12/2022	3	2078	17	D	B	SS.MH.T0001521	Rehabilitate Manhole
	101890	09/13/2022	3	2079	17	D	B	SS.MH.T0001522	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	101891	09/10/2022	3	2082	17	D	B	SS.MH.T0001525	Rehabilitate Manhole
	101892	10/22/2022	3	2089	17	D	B	SS.MH.T0001539	Rehabilitate Manhole
	101893	10/27/2022	3	2084	17	D	B	SS.MH.T0001528	Rehabilitate Manhole
	101894	10/10/2022	3	2123	17	D	B	SS.MH.T0001599	Rehabilitate Manhole
	101895	10/10/2022	3	2137	17	D	B	SS.MH.T0001613	Rehabilitate Manhole
	101896	10/10/2022	3	1638	16	D	B	SS.MH.T0001618	Rehabilitate Manhole
	101897	11/15/2022	3	1641	16	D	B	SS.MH.T0001621	Rehabilitate Manhole
	101898	11/15/2022	3	1643	16	D	B	SS.MH.T0001623	Rehabilitate Manhole
	101899	10/10/2022	3	2141	17	D	B	SS.MH.T0001628	Rehabilitate Manhole
	101900	06/24/2022	3	2147	17	D	B	SS.MH.T0001635	Rehabilitate Manhole
	101901	10/10/2022	3	2158	17	D	B	SS.MH.T0001653	Rehabilitate Manhole
	101902	10/06/2022	3	2159	17	D	B	SS.MH.T0001654	Rehabilitate Manhole
	101903	10/10/2022	3	2164	17	D	B	SS.MH.T0001659	Rehabilitate Manhole
	101904	10/11/2022	3	3190	U2	D	B	SS.MH.T0001671	Rehabilitate Manhole
	101905	10/10/2022	3	2166	17	D	B	SS.MH.T0001663	Rehabilitate Manhole
	101907	10/12/2022	3	3196	U2	D	B	SS.MH.T0001677	Rehabilitate Manhole
	101909	06/28/2022	3	2182	17	D	B	SS.MH.T0001712	Rehabilitate Manhole
	101910	06/25/2022	3	2176	17	D	B	SS.MH.T0001699	Rehabilitate Manhole
	101911	11/22/2022	3	518	13	D	B	SS.MH.T0001791	Rehabilitate Manhole
	101912	10/03/2022	3	519	13	D	B	SS.MH.T0001792	Rehabilitate Manhole
	101913	10/03/2022	3	520	13	D	B	SS.MH.T0001793	Rehabilitate Manhole
	101914	10/03/2022	3	521	13	D	B	SS.MH.T0001794	Rehabilitate Manhole
	101915	10/03/2022	3	524	13	D	B	SS.MH.T0001797	Rehabilitate Manhole
	101916	10/03/2022	3	523	13	D	B	SS.MH.T0001796	Rehabilitate Manhole
	101917	10/03/2022	3	525	13	D	B	SS.MH.T0001798	Rehabilitate Manhole
	101918	09/22/2022	3	105	7	D	B	SS.MH.T0001890	Rehabilitate Manhole
	101919	01/27/2022	3	109	7	D	B	SS.MH.T0001895	Rehabilitate Manhole
	101920	08/29/2022	3	115	7	D	B	SS.MH.T0001953	Rehabilitate Manhole
	101922	09/22/2022	3	118	7	D	B	SS.MH.T0001956	Rehabilitate Manhole
	101923	03/10/2022	3	124	7	D	B	SS.MH.T0001962	Rehabilitate Manhole
	101924	01/04/2022	3	129	7	D	B	SS.MH.T0001993	Rehabilitate Manhole
	101925	01/04/2022	3	130	7	D	B	SS.MH.T0001994	Rehabilitate Manhole
	101926	09/28/2022	3	136	7	D	B	SS.MH.T0002017	Rehabilitate Manhole
	101927	09/29/2022	3	132	7	D	B	SS.MH.T0001996	Rehabilitate Manhole
	101928	09/23/2022	3	2209	17	D	B	SS.MH.T0002204	Rehabilitate Manhole
	101929	09/23/2022	3	2215	17	D	B	SS.MH.T0002210	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	101930	01/27/2022	3	527	13	D	B	SS.MH.T0002297	Rehabilitate Manhole
	101933	09/22/2022	3	2224	17	D	B	SS.MH.T0002221	Rehabilitate Manhole
	101934	03/08/2022	3	534	13	D	B	SS.MH.T0002350	Rehabilitate Manhole
	101935	09/22/2022	3	535	13	D	B	SS.MH.T0002351	Rehabilitate Manhole
	101937	10/10/2022	3	2273	17	D	B	SS.MH.T0002405	Rehabilitate Manhole
	101938	10/07/2022	3	2277	17	D	B	SS.MH.T0002437	Rehabilitate Manhole
	101939	10/10/2022	3	2289	17	D	B	SS.MH.T0002533	Rehabilitate Manhole
	101940	03/10/2022	3	539	13	D	B	SS.MH.T0002581	Rehabilitate Manhole
	101944	09/27/2022	3	552	13	D	B	SS.MH.T0002734	Rehabilitate Manhole
	101949	11/21/2022	3	217	10	D	B	SS.MH.T0002798	Rehabilitate Manhole
	101951	11/15/2022	3	227	10	D	B	SS.MH.T0002810	Rehabilitate Manhole
	101952	09/22/2022	3	228	10	D	B	SS.MH.T0002811	Rehabilitate Manhole
	101953	11/15/2022	3	223	10	D	B	SS.MH.T0002806	Rehabilitate Manhole
	101954	09/22/2022	3	229	10	D	B	SS.MH.T0002812	Rehabilitate Manhole
	101955	09/22/2022	3	230	10	D	B	SS.MH.T0002813	Rehabilitate Manhole
	101957	01/12/2022	3	249	10	D	B	SS.MH.T0002836	Rehabilitate Manhole
	101958	01/12/2022	3	248	10	D	B	SS.MH.T0002835	Rehabilitate Manhole
	101962	02/24/2022	3	251	10	D	B	SS.MH.T0002838	Rehabilitate Manhole
	101965	01/12/2022	3	264	10	D	B	SS.MH.T0002880	Rehabilitate Manhole
	101966	01/26/2022	3	394	11	D	B	SS.MH.T0002902	Rehabilitate Manhole
	101967	10/19/2022	3	270	10	D	B	SS.MH.T0002980	Rehabilitate Manhole
	101968	09/27/2022	3	563	13	D	B	SS.MH.T0002972	Rehabilitate Manhole
	101969	10/19/2022	3	565	13	D	B	SS.MH.T0003011	Rehabilitate Manhole
	101973	09/24/2022	3	601	13	D	B	SS.MH.T0003081	Rehabilitate Manhole
	101974	01/12/2022	3	590	13	D	B	SS.MH.T0003070	Rehabilitate Manhole
	101976	09/29/2022	3	604	13	D	B	SS.MH.T0003085	Rehabilitate Manhole
	101977	09/29/2022	3	606	13	D	B	SS.MH.T0003111	Rehabilitate Manhole
	101978	08/20/2022	3	624	13	D	B	SS.MH.T0003173	Rehabilitate Manhole
	101979	08/20/2022	3	627	13	D	B	SS.MH.T0003176	Rehabilitate Manhole
	101980	08/19/2022	3	635	13	D	B	SS.MH.T0003184	Rehabilitate Manhole
	101981	09/23/2022	3	632	13	D	B	SS.MH.T0003181	Rehabilitate Manhole
	101982	08/19/2022	3	638	13	D	B	SS.MH.T0003187	Rehabilitate Manhole
	101983	08/19/2022	3	636	13	D	B	SS.MH.T0003185	Rehabilitate Manhole
	101984	11/23/2022	3	639	13	D	B	SS.MH.T0003188	Rehabilitate Manhole
	101985	09/23/2022	3	640	13	D	B	SS.MH.T0003189	Rehabilitate Manhole
	101986	09/29/2022	3	653	13	D	B	SS.MH.T0003203	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	101987	12/13/2022	3	642	13	D	B	SS.MH.T0003191	Rehabilitate Manhole
	101988	10/05/2022	3	658	13	D	B	SS.MH.T0003220	Rehabilitate Manhole
	101990	10/19/2022	3	676	13	D	B	SS.MH.T0003239	Rehabilitate Manhole
	101991	11/23/2022	3	669	13	D	B	SS.MH.T0003232	Rehabilitate Manhole
	101992	10/06/2022	3	664	13	D	B	SS.MH.T0003227	Rehabilitate Manhole
	101993	12/06/2022	3	662	13	D	B	SS.MH.T0003225	Rehabilitate Manhole
	101994	10/19/2022	3	677	13	D	B	SS.MH.T0003240	Rehabilitate Manhole
	101995	10/06/2022	3	678	13	D	B	SS.MH.T0003241	Rehabilitate Manhole
	101996	11/21/2022	3	683	13	D	B	SS.MH.T0003246	Rehabilitate Manhole
	101997	10/19/2022	3	679	13	D	B	SS.MH.T0003242	Rehabilitate Manhole
	101998	11/21/2022	3	685	13	D	B	SS.MH.T0003248	Rehabilitate Manhole
	101999	10/06/2022	3	686	13	D	B	SS.MH.T0003249	Rehabilitate Manhole
	102000	10/06/2022	3	687	13	D	B	SS.MH.T0003250	Rehabilitate Manhole
	102001	10/05/2022	3	689	13	D	B	SS.MH.T0003252	Rehabilitate Manhole
	102002	12/01/2022	3	690	13	D	B	SS.MH.T0003253	Rehabilitate Manhole
	102003	11/01/2022	3	694	13	D	B	SS.MH.T0003257	Rehabilitate Manhole
	102005	10/19/2022	3	693	13	D	B	SS.MH.T0003256	Rehabilitate Manhole
	102006	10/04/2022	3	697	13	D	B	SS.MH.T0003260	Rehabilitate Manhole
	102007	10/13/2022	3	701	13	D	B	SS.MH.T0003267	Rehabilitate Manhole
	102008	08/20/2022	3	698	13	D	B	SS.MH.T0003264	Rehabilitate Manhole
	102009	10/13/2022	3	707	13	D	B	SS.MH.T0003273	Rehabilitate Manhole
	102010	11/30/2022	3	706	13	D	B	SS.MH.T0003272	Rehabilitate Manhole
	102011	11/21/2022	3	710	13	D	B	SS.MH.T0003276	Rehabilitate Manhole
	102012	12/01/2022	3	709	13	D	B	SS.MH.T0003275	Rehabilitate Manhole
	102013	09/23/2022	3	708	13	D	B	SS.MH.T0003274	Rehabilitate Manhole
	102014	11/21/2022	3	711	13	D	B	SS.MH.T0003277	Rehabilitate Manhole
	102015	11/21/2022	3	717	13	D	B	SS.MH.T0003286	Rehabilitate Manhole
	102016	12/09/2022	3	721	13	D	B	SS.MH.T0003290	Rehabilitate Manhole
	102017	12/09/2022	3	722	13	D	B	SS.MH.T0003291	Rehabilitate Manhole
	102018	10/13/2022	3	715	13	D	B	SS.MH.T0003284	Rehabilitate Manhole
	102019	09/23/2022	3	718	13	D	B	SS.MH.T0003287	Rehabilitate Manhole
	102020	11/30/2022	3	727	13	D	B	SS.MH.T0003296	Rehabilitate Manhole
	102021	08/17/2022	3	730	13	D	B	SS.MH.T0003299	Rehabilitate Manhole
	102022	09/23/2022	3	734	13	D	B	SS.MH.T0003303	Rehabilitate Manhole
	102024	10/17/2022	3	736	13	D	B	SS.MH.T0003309	Rehabilitate Manhole
	102025	12/13/2022	3	735	13	D	B	SS.MH.T0003307	Rehabilitate Manhole

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Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102026	09/26/2022	3	737	13	D	B	SS.MH.T0003312	Rehabilitate Manhole
	102027	11/03/2022	3	738	13	D	B	SS.MH.T0003313	Rehabilitate Manhole
	102028	06/27/2022	3	2322	17	D	B	SS.MH.T0003381	Rehabilitate Manhole
	102029	10/07/2022	3	2359	17	D	B	SS.MH.T0003457	Rehabilitate Manhole
	102030	10/21/2022	3	2301	17	D	B	SS.MH.T0003351	Rehabilitate Manhole
	102031	06/27/2022	3	2360	17	D	B	SS.MH.T0003458	Rehabilitate Manhole
	102032	06/27/2022	3	2391	17	D	B	SS.MH.T0003497	Rehabilitate Manhole
	102033	08/23/2022	3	2401	17	D	B	SS.MH.T0003516	Rehabilitate Manhole
	102034	01/18/2022	3	2405	17	D	B	SS.MH.T0003524	Rehabilitate Manhole
	102035	10/12/2022	3	2430	17	D	B	SS.MH.T0003569	Rehabilitate Manhole
	102036	10/11/2022	3	2437	17	D	B	SS.MH.T0003592	Rehabilitate Manhole
	102037	10/22/2022	3	2439	17	D	B	SS.MH.T0003594	Rehabilitate Manhole
	102038	08/23/2022	3	2442	17	D	B	SS.MH.T0003602	Rehabilitate Manhole
	102039	08/23/2022	3	2447	17	D	B	SS.MH.T0003607	Rehabilitate Manhole
	102040	10/11/2022	3	2451	17	D	B	SS.MH.T0003621	Rehabilitate Manhole
	102041	10/11/2022	3	2473	17	D	B	SS.MH.T0003686	Rehabilitate Manhole
	102042	10/11/2022	3	2476	17	D	B	SS.MH.T0003689	Rehabilitate Manhole
	102043	10/11/2022	3	2475	17	D	B	SS.MH.T0003688	Rehabilitate Manhole
	102044	10/11/2022	3	2474	17	D	B	SS.MH.T0003687	Rehabilitate Manhole
	102045	10/07/2022	3	2478	17	D	B	SS.MH.T0003691	Rehabilitate Manhole
	102046	10/18/2022	3	2481	17	D	B	SS.MH.T0003694	Rehabilitate Manhole
	102047	10/07/2022	3	2484	17	D	B	SS.MH.T0003697	Rehabilitate Manhole
	102048	10/07/2022	3	2488	17	D	B	SS.MH.T0003701	Rehabilitate Manhole
	102049	10/20/2022	3	2491	17	D	B	SS.MH.T0003706	Rehabilitate Manhole
	102050	10/10/2022	3	2496	17	D	B	SS.MH.T0003721	Rehabilitate Manhole
	102051	12/09/2022	3	2502	17	D	B	SS.MH.T0003729	Rehabilitate Manhole
	102052	06/22/2022	3	2499	17	D	B	SS.MH.T0003726	Rehabilitate Manhole
	102053	10/11/2022	3	2509	17	D	B	SS.MH.T0003742	Rehabilitate Manhole
	102054	10/11/2022	3	2518	17	D	B	SS.MH.T0003751	Rehabilitate Manhole
	102055	10/11/2022	3	2524	17	D	B	SS.MH.T0003761	Rehabilitate Manhole
	102056	10/12/2022	3	2551	17	D	B	SS.MH.T0003806	Rehabilitate Manhole
	102057	10/07/2022	3	2556	17	D	B	SS.MH.T0003811	Rehabilitate Manhole
	102058	10/11/2022	3	2557	17	D	B	SS.MH.T0003812	Rehabilitate Manhole
	102059	10/12/2022	3	2555	17	D	B	SS.MH.T0003810	Rehabilitate Manhole
	102060	10/20/2022	3	2558	17	D	B	SS.MH.T0003813	Rehabilitate Manhole
	102061	10/21/2022	3	2560	17	D	B	SS.MH.T0003815	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102062	10/04/2022	3	2577	17	D	B	SS.MH.T0003841	Rehabilitate Manhole
	102063	10/18/2022	3	2559	17	D	B	SS.MH.T0003814	Rehabilitate Manhole
	102064	10/06/2022	3	2569	17	D	B	SS.MH.T0003826	Rehabilitate Manhole
	102065	10/07/2022	3	2576	17	D	B	SS.MH.T0003836	Rehabilitate Manhole
	102066	10/04/2022	3	2578	17	D	B	SS.MH.T0003842	Rehabilitate Manhole
	102067	10/10/2022	3	2584	17	D	B	SS.MH.T0003854	Rehabilitate Manhole
	102068	10/10/2022	3	2594	17	D	B	SS.MH.T0003866	Rehabilitate Manhole
	102069	11/15/2022	3	2629	17	D	B	SS.MH.T0003938	Rehabilitate Manhole
	102070	10/07/2022	3	2632	17	D	B	SS.MH.T0004040	Rehabilitate Manhole
	102071	10/11/2022	3	2630	17	D	B	SS.MH.T0003939	Rehabilitate Manhole
	102072	10/10/2022	3	2634	17	D	B	SS.MH.T0004042	Rehabilitate Manhole
	102073	11/17/2022	3	2635	17	D	B	SS.MH.T0004045	Rehabilitate Manhole
	102074	09/22/2022	3	417	11	D	B	SS.MH.T0004185	Rehabilitate Manhole
	102075	08/23/2022	3	2645	17	D	B	SS.MH.T0004112	Rehabilitate Manhole
	102076	03/11/2022	3	278	10	D	B	SS.MH.T0004191	Rehabilitate Manhole
	102077	10/19/2022	3	743	13	D	B	SS.MH.T0004398	Rehabilitate Manhole
	102078	09/22/2022	3	748	13	D	B	SS.MH.T0004406	Rehabilitate Manhole
	102079	11/10/2022	3	755	13	D	B	SS.MH.T0004415	Rehabilitate Manhole
	102080	09/22/2022	3	765	13	D	B	SS.MH.T0004428	Rehabilitate Manhole
	102081	11/08/2022	3	757	13	D	B	SS.MH.T0004417	Rehabilitate Manhole
	102083	09/22/2022	3	773	13	D	B	SS.MH.T0004441	Rehabilitate Manhole
	102084	12/09/2022	3	779	13	D	B	SS.MH.T0004456	Rehabilitate Manhole
	102087	09/22/2022	3	776	13	D	B	SS.MH.T0004453	Rehabilitate Manhole
	102088	09/22/2022	3	780	13	D	B	SS.MH.T0004457	Rehabilitate Manhole
	102089	09/22/2022	3	781	13	D	B	SS.MH.T0004458	Rehabilitate Manhole
	102095	09/22/2022	3	800	13	D	B	SS.MH.T0004532	Rehabilitate Manhole
	102096	09/22/2022	3	295	10	D	B	SS.MH.T0004491	Rehabilitate Manhole
	102097	11/15/2022	3	804	13	D	B	SS.MH.T0004547	Rehabilitate Manhole
	102098	11/10/2022	3	805	13	D	B	SS.MH.T0004548	Rehabilitate Manhole
	102099	02/01/2022	3	808	13	D	B	SS.MH.T0004563	Rehabilitate Manhole
	102101	09/27/2022	3	817	13	D	B	SS.MH.T0004579	Rehabilitate Manhole
	102102	10/03/2022	3	813	13	D	B	SS.MH.T0004568	Rehabilitate Manhole
	102103	09/27/2022	3	819	13	D	B	SS.MH.T0004584	Rehabilitate Manhole
	102104	09/27/2022	3	818	13	D	B	SS.MH.T0004583	Rehabilitate Manhole
	102105	11/21/2022	3	822	13	D	B	SS.MH.T0004587	Rehabilitate Manhole
	102106	09/27/2022	3	820	13	D	B	SS.MH.T0004585	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102108	11/21/2022	3	824	13	D	B	SS.MH.T0004592	Rehabilitate Manhole
	102109	10/20/2022	3	826	13	D	B	SS.MH.T0004595	Rehabilitate Manhole
	102110	11/21/2022	3	828	13	D	B	SS.MH.T0004598	Rehabilitate Manhole
	102111	09/27/2022	3	827	13	D	B	SS.MH.T0004597	Rehabilitate Manhole
	102112	09/27/2022	3	829	13	D	B	SS.MH.T0004599	Rehabilitate Manhole
	102113	10/25/2022	3	840	13	D	B	SS.MH.T0004620	Rehabilitate Manhole
	102114	09/23/2022	3	838	13	D	B	SS.MH.T0004618	Rehabilitate Manhole
	102115	11/15/2022	3	847	13	D	B	SS.MH.T0004648	Rehabilitate Manhole
	102116	11/16/2022	3	841	13	D	B	SS.MH.T0004621	Rehabilitate Manhole
	102117	11/21/2022	3	849	13	D	B	SS.MH.T0004686	Rehabilitate Manhole
	102119	12/12/2022	3	855	13	D	B	SS.MH.T0004692	Rehabilitate Manhole
	102120	12/12/2022	3	859	13	D	B	SS.MH.T0004696	Rehabilitate Manhole
	102121	02/24/2022	3	860	13	D	B	SS.MH.T0004697	Rehabilitate Manhole
	102122	09/26/2022	3	867	13	D	B	SS.MH.T0004704	Rehabilitate Manhole
	102123	12/07/2022	3	870	13	D	B	SS.MH.T0004707	Rehabilitate Manhole
	102124	09/26/2022	3	862	13	D	B	SS.MH.T0004699	Rehabilitate Manhole
	102125	09/28/2022	3	871	13	D	B	SS.MH.T0004708	Rehabilitate Manhole
	102126	10/25/2022	3	878	13	D	B	SS.MH.T0004718	Rehabilitate Manhole
	102127	10/04/2022	3	881	13	D	B	SS.MH.T0004722	Rehabilitate Manhole
	102128	02/24/2022	3	882	13	D	B	SS.MH.T0004723	Rehabilitate Manhole
	102129	10/06/2022	3	889	13	D	B	SS.MH.T0004735	Rehabilitate Manhole
	102130	10/04/2022	3	891	13	D	B	SS.MH.T0004737	Rehabilitate Manhole
	102131	10/20/2022	3	892	13	D	B	SS.MH.T0004739	Rehabilitate Manhole
	102132	10/04/2022	3	897	13	D	B	SS.MH.T0004745	Rehabilitate Manhole
	102133	09/28/2022	3	901	13	D	B	SS.MH.T0004754	Rehabilitate Manhole
	102134	09/28/2022	3	899	13	D	B	SS.MH.T0004748	Rehabilitate Manhole
	102135	09/07/2022	3	903	13	D	B	SS.MH.T0004756	Rehabilitate Manhole
	102136	09/29/2022	3	902	13	D	B	SS.MH.T0004755	Rehabilitate Manhole
	102137	09/28/2022	3	907	13	D	B	SS.MH.T0004760	Rehabilitate Manhole
	102138	10/21/2022	3	912	13	D	B	SS.MH.T0004765	Rehabilitate Manhole
	102139	10/13/2022	3	929	13	D	B	SS.MH.T0004782	Rehabilitate Manhole
	102140	11/02/2022	3	934	13	D	B	SS.MH.T0004787	Rehabilitate Manhole
	102141	09/28/2022	3	936	13	D	B	SS.MH.T0004789	Rehabilitate Manhole
	102142	09/28/2022	3	931	13	D	B	SS.MH.T0004784	Rehabilitate Manhole
	102143	09/29/2022	3	937	13	D	B	SS.MH.T0004790	Rehabilitate Manhole
	102144	11/07/2022	3	941	13	D	B	SS.MH.T0004794	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102145	11/04/2022	3	942	13	D	B	SS.MH.T0004795	Rehabilitate Manhole
	102146	05/21/2022	3	943	13	D	B	SS.MH.T0004796	Rehabilitate Manhole
	102147	09/29/2022	3	946	13	D	B	SS.MH.T0004801	Rehabilitate Manhole
	102148	09/29/2022	3	944	13	D	B	SS.MH.T0004797	Rehabilitate Manhole
	102149	11/18/2022	3	947	13	D	B	SS.MH.T0004804	Rehabilitate Manhole
	102150	08/25/2022	3	948	13	D	B	SS.MH.T0004805	Rehabilitate Manhole
	102151	11/16/2022	3	957	13	D	B	SS.MH.T0004815	Rehabilitate Manhole
	102152	11/17/2022	3	961	13	D	B	SS.MH.T0004819	Rehabilitate Manhole
	102153	09/28/2022	3	959	13	D	B	SS.MH.T0004817	Rehabilitate Manhole
	102154	10/04/2022	3	964	13	D	B	SS.MH.T0004822	Rehabilitate Manhole
	102155	11/16/2022	3	963	13	D	B	SS.MH.T0004821	Rehabilitate Manhole
	102156	09/09/2022	3	965	13	D	B	SS.MH.T0004823	Rehabilitate Manhole
	102157	11/07/2022	3	967	13	D	B	SS.MH.T0004825	Rehabilitate Manhole
	102158	10/04/2022	3	968	13	D	B	SS.MH.T0004826	Rehabilitate Manhole
	102159	11/16/2022	3	973	13	D	B	SS.MH.T0004832	Rehabilitate Manhole
	102160	10/20/2022	3	978	13	D	B	SS.MH.T0004838	Rehabilitate Manhole
	102161	10/04/2022	3	974	13	D	B	SS.MH.T0004833	Rehabilitate Manhole
	102162	10/19/2022	3	984	13	D	B	SS.MH.T0004846	Rehabilitate Manhole
	102163	12/06/2022	3	985	13	D	B	SS.MH.T0004847	Rehabilitate Manhole
	102164	10/06/2022	3	986	13	D	B	SS.MH.T0004848	Rehabilitate Manhole
	102165	12/13/2022	3	990	13	D	B	SS.MH.T0004852	Rehabilitate Manhole
	102166	09/29/2022	3	991	13	D	B	SS.MH.T0004853	Rehabilitate Manhole
	102167	10/06/2022	3	995	13	D	B	SS.MH.T0004858	Rehabilitate Manhole
	102168	10/06/2022	3	997	13	D	B	SS.MH.T0004860	Rehabilitate Manhole
	102169	10/06/2022	3	998	13	D	B	SS.MH.T0004861	Rehabilitate Manhole
	102170	10/06/2022	3	1000	13	D	B	SS.MH.T0004863	Rehabilitate Manhole
	102171	10/13/2022	3	999	13	D	B	SS.MH.T0004862	Rehabilitate Manhole
	102172	12/01/2022	3	1001	13	D	B	SS.MH.T0004864	Rehabilitate Manhole
	102174	12/12/2022	3	1004	13	D	B	SS.MH.T0004867	Rehabilitate Manhole
	102175	11/18/2022	3	1005	13	D	B	SS.MH.T0004868	Rehabilitate Manhole
	102176	08/19/2022	3	1020	13	D	B	SS.MH.T0004885	Rehabilitate Manhole
	102177	12/13/2022	3	1021	13	D	B	SS.MH.T0004886	Rehabilitate Manhole
	102178	11/18/2022	3	1006	13	D	B	SS.MH.T0004869	Rehabilitate Manhole
	102179	09/30/2022	3	1025	13	D	B	SS.MH.T0004900	Rehabilitate Manhole
	102180	11/23/2022	3	1029	13	D	B	SS.MH.T0004904	Rehabilitate Manhole
	102181	09/27/2022	3	1027	13	D	B	SS.MH.T0004902	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

			Remedial Measure Plan						
Comment	Work Order	Date	Group #	Item #	Basin	Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
	102182	09/28/2022	3	1030	13	D	B	SS.MH.T0004905	Rehabilitate Manhole
	102183	09/27/2022	3	1034	13	D	B	SS.MH.T0004913	Rehabilitate Manhole
	102184	11/28/2022	3	1040	13	D	B	SS.MH.T0004919	Rehabilitate Manhole
	102185	11/28/2022	3	1041	13	D	B	SS.MH.T0004920	Rehabilitate Manhole
	102186	09/30/2022	3	1042	13	D	B	SS.MH.T0004921	Rehabilitate Manhole
	102187	09/30/2022	3	1047	13	D	B	SS.MH.T0004937	Rehabilitate Manhole
	102188	09/28/2022	3	1052	13	D	B	SS.MH.T0004942	Rehabilitate Manhole
	102189	10/04/2022	3	1049	13	D	B	SS.MH.T0004939	Rehabilitate Manhole
	102190	10/04/2022	3	1050	13	D	B	SS.MH.T0004940	Rehabilitate Manhole
	102191	09/27/2022	3	1054	13	D	B	SS.MH.T0004945	Rehabilitate Manhole
	102192	10/04/2022	3	1056	13	D	B	SS.MH.T0004949	Rehabilitate Manhole
	102193	12/07/2022	3	1057	13	D	B	SS.MH.T0004951	Rehabilitate Manhole
	102194	10/04/2022	3	1058	13	D	B	SS.MH.T0004952	Rehabilitate Manhole
	102195	11/29/2022	3	1062	13	D	B	SS.MH.T0004956	Rehabilitate Manhole
	102196	09/30/2022	3	1065	13	D	B	SS.MH.T0004960	Rehabilitate Manhole
	102197	09/29/2022	3	1067	13	D	B	SS.MH.T0004962	Rehabilitate Manhole
	102198	01/04/2022	3	1071	13	D	B	SS.MH.T0004969	Rehabilitate Manhole
	102199	09/26/2022	3	1069	13	D	B	SS.MH.T0004964	Rehabilitate Manhole
	102200	09/29/2022	3	1066	13	D	B	SS.MH.T0004961	Rehabilitate Manhole
	102201	10/25/2022	3	1072	13	D	B	SS.MH.T0004972	Rehabilitate Manhole
	102203	09/30/2022	3	1080	13	D	B	SS.MH.T0004990	Rehabilitate Manhole
	102204	10/19/2022	3	1078	13	D	B	SS.MH.T0004988	Rehabilitate Manhole
	102205	09/27/2022	3	1076	13	D	B	SS.MH.T0004981	Rehabilitate Manhole
	102206	11/23/2022	3	1082	13	D	B	SS.MH.T0004992	Rehabilitate Manhole
	102207	10/19/2022	3	1084	13	D	B	SS.MH.T0004996	Rehabilitate Manhole
	102208	12/05/2022	3	1088	13	D	B	SS.MH.T0005004	Rehabilitate Manhole
	102209	09/30/2022	3	1089	13	D	B	SS.MH.T0005005	Rehabilitate Manhole
	102212	11/29/2022	3	1097	13	D	B	SS.MH.T0005021	Rehabilitate Manhole
	102213	09/30/2022	3	1099	13	D	B	SS.MH.T0005024	Rehabilitate Manhole
	102214	11/28/2022	3	1104	13	D	B	SS.MH.T0005030	Rehabilitate Manhole
	102215	09/29/2022	3	1111	13	D	B	SS.MH.T0005040	Rehabilitate Manhole
	102216	10/13/2022	3	1115	13	D	B	SS.MH.T0005048	Rehabilitate Manhole
	102217	11/03/2022	3	1116	13	D	B	SS.MH.T0005049	Rehabilitate Manhole
	102218	09/30/2022	3	1110	13	D	B	SS.MH.T0005039	Rehabilitate Manhole
	102222	09/30/2022	3	1128	13	D	B	SS.MH.T0005063	Rehabilitate Manhole
	102223	11/07/2022	3	1129	13	D	B	SS.MH.T0005064	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

			Remedial Measure Plan						
Comment	Work Order	Date	Group #	Item #	Basin	Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
	102224	11/04/2022	3	1132	13	D	B	SS.MH.T0005067	Rehabilitate Manhole
	102225	11/17/2022	3	1130	13	D	B	SS.MH.T0005065	Rehabilitate Manhole
	102226	09/26/2022	3	1140	13	D	B	SS.MH.T0005076	Rehabilitate Manhole
	102227	09/30/2022	3	1143	13	D	B	SS.MH.T0005079	Rehabilitate Manhole
	102228	11/04/2022	3	1133	13	D	B	SS.MH.T0005068	Rehabilitate Manhole
	102229	09/30/2022	3	1150	13	D	B	SS.MH.T0005086	Rehabilitate Manhole
	102230	09/29/2022	3	1147	13	D	B	SS.MH.T0005083	Rehabilitate Manhole
	102231	09/29/2022	3	1157	13	D	B	SS.MH.T0005104	Rehabilitate Manhole
	102232	11/22/2022	3	1152	13	D	B	SS.MH.T0005088	Rehabilitate Manhole
	102234	10/19/2022	3	1164	13	D	B	SS.MH.T0005117	Rehabilitate Manhole
	102235	11/16/2022	3	1162	13	D	B	SS.MH.T0005112	Rehabilitate Manhole
	102236	11/21/2022	3	1165	13	D	B	SS.MH.T0005118	Rehabilitate Manhole
	102237	09/28/2022	3	1166	13	D	B	SS.MH.T0005119	Rehabilitate Manhole
	102238	11/18/2022	3	1167	13	D	B	SS.MH.T0005120	Rehabilitate Manhole
	102239	09/28/2022	3	1170	13	D	B	SS.MH.T0005123	Rehabilitate Manhole
	102240	09/28/2022	3	1168	13	D	B	SS.MH.T0005121	Rehabilitate Manhole
	102241	09/23/2022	3	2673	17	D	B	SS.MH.T0005134	Rehabilitate Manhole
	102242	10/07/2022	3	2692	17	D	B	SS.MH.T0005462	Rehabilitate Manhole
	102243	10/07/2022	3	2702	17	D	B	SS.MH.T0005472	Rehabilitate Manhole
	102244	10/07/2022	3	2705	17	D	B	SS.MH.T0005475	Rehabilitate Manhole
	102245	06/28/2022	3	2717	17	D	B	SS.MH.T0005574	Rehabilitate Manhole
	102246	10/07/2022	3	2718	17	D	B	SS.MH.T0005576	Rehabilitate Manhole
	102247	06/25/2022	3	2719	17	D	B	SS.MH.T0005592	Rehabilitate Manhole
	102248	09/28/2022	3	1173	13	D	B	SS.MH.T0005619	Rehabilitate Manhole
	102249	11/16/2022	3	1175	13	D	B	SS.MH.T0005621	Rehabilitate Manhole
	102250	01/27/2022	3	1180	13	D	B	SS.MH.T0005641	Rehabilitate Manhole
	102251	11/18/2022	3	1176	13	D	B	SS.MH.T0005622	Rehabilitate Manhole
	102253	09/27/2022	3	1185	13	D	B	SS.MH.T0005662	Rehabilitate Manhole
	102254	10/05/2022	3	1187	13	D	B	SS.MH.T0005694	Rehabilitate Manhole
	102255	09/28/2022	3	1194	13	D	B	SS.MH.T0005849	Rehabilitate Manhole
	102256	11/04/2022	3	1204	13	D	B	SS.MH.T0005860	Rehabilitate Manhole
	102257	08/24/2022	3	1207	13	D	B	SS.MH.T0005960	Rehabilitate Manhole
	102258	11/23/2022	3	1202	13	D	B	SS.MH.T0005857	Rehabilitate Manhole
	102259	09/10/2022	3	1208	13	D	B	SS.MH.T0005961	Rehabilitate Manhole
	102260	10/06/2022	3	1213	13	D	B	SS.MH.T0005968	Rehabilitate Manhole
	102261	10/22/2022	3	2720	17	D	B	SS.MH.T0006000	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102262	10/07/2022	3	2726	17	D	B	SS.MH.T0006200	Rehabilitate Manhole
	102263	10/12/2022	3	2731	17	D	B	SS.MH.T0007128	Rehabilitate Manhole
	102264	10/12/2022	3	2727	17	D	B	SS.MH.T0007030	Rehabilitate Manhole
	102265	03/11/2022	3	138	7	D	B	SS.MH.T0007652	Rehabilitate Manhole
	102266	08/16/2022	3	3203	U2	D	B	SS.MH.T0007107	Rehabilitate Manhole
	102267	10/22/2022	3	139	7	D	B	SS.MH.T0007654	Rehabilitate Manhole
	102268	10/22/2022	3	140	7	D	B	SS.MH.T0007655	Rehabilitate Manhole
	102269	08/16/2022	3	3224	U2	D	B	SS.MH.T0007920	Rehabilitate Manhole
	102270	10/10/2022	3	1706	16	D	B	SS.MH.T0007928	Rehabilitate Manhole
	102271	10/17/2022	3	1724	16	D	B	SS.MH.T0007951	Rehabilitate Manhole
	102272	06/22/2022	3	1725	16	D	B	SS.MH.T0007952	Rehabilitate Manhole
	102273	06/24/2022	3	1726	16	D	B	SS.MH.T0007956	Rehabilitate Manhole
	102274	10/19/2022	3	469	12	D	B	SS.MH.T0008404	Rehabilitate Manhole
	102275	10/12/2022	3	1768	16	D	B	SS.MH.T0008827	Rehabilitate Manhole
	102276	10/10/2022	3	1777	16	D	B	SS.MH.T0008836	Rehabilitate Manhole
	102277	10/10/2022	3	1778	16	D	B	SS.MH.T0008837	Rehabilitate Manhole
	102278	10/12/2022	3	1782	16	D	B	SS.MH.T0008841	Rehabilitate Manhole
	102279	06/21/2022	3	1783	16	D	B	SS.MH.T0008842	Rehabilitate Manhole
	102280	08/29/2022	3	2762	17	D	B	SS.MH.T0009105	Rehabilitate Manhole
	102281	06/22/2022	3	2761	17	D	B	SS.MH.T0009104	Rehabilitate Manhole
	102282	06/23/2022	3	2769	17	D	B	SS.MH.T0009112	Rehabilitate Manhole
	102283	03/12/2022	3	2776	17	D	B	SS.MH.T0009119	Rehabilitate Manhole
	102284	06/20/2022	3	2803	17	D	B	SS.MH.T0009156	Rehabilitate Manhole
	102285	08/18/2022	3	1354	13	D	B	SS.MH.T0010319	Rehabilitate Manhole
	102286	10/10/2022	3	2997	17	D	B	SS.MH.T0010552	Rehabilitate Manhole
	102287	06/22/2022	3	2999	17	D	B	SS.MH.T0010715	Rehabilitate Manhole
	102288	09/22/2022	3	313	10	D	B	SS.MH.T0009262	Rehabilitate Manhole
	102289	08/24/2022	3	3010	17	D	B	SS.MH.T0012394	Rehabilitate Manhole
	102290	09/26/2022	3	1383	13	D	B	SS.MH.T0012712	Rehabilitate Manhole
	102291	10/13/2022	3	1409	13	D	B	SS.MH.T0012967	Rehabilitate Manhole
	102292	10/05/2022	3	1377	13	D	B	SS.MH.T0012254	Rehabilitate Manhole
	102293	09/24/2022	3	1415	13	D	B	SS.MH.T0013035	Rehabilitate Manhole
	102294	10/06/2022	3	3023	17	D	B	SS.MH.T0013115	Rehabilitate Manhole
	102295	09/23/2022	3	1429	13	D	B	SS.MH.T0013386	Rehabilitate Manhole
	102296	09/29/2022	3	3044	17	D	B	SS.MH.T0013296	Rehabilitate Manhole
	102300	10/10/2022	3	1875	16	D	B	SS.MH.T0013452	Rehabilitate Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102302	06/27/2022	3	3066	17	D	B	SS.MH.T0013653	Rehabilitate Manhole
	102303	01/04/2022	3	162	7	D	B	SS.MH.T0013650	Rehabilitate Manhole
	102304	09/29/2022	3	3067	17	D	B	SS.MH.T0013655	Rehabilitate Manhole
	102305	08/24/2022	3	3069	17	D	B	SS.MH.T0013692	Rehabilitate Manhole
	102306	03/10/2022	3	1444	13	D	B	SS.MH.T0013999	Rehabilitate Manhole
	102307	08/20/2022	3	1445	13	D	B	SS.MH.T0014000	Rehabilitate Manhole
	102308	11/17/2022	3	1451	13	D	B	SS.MH.T0014006	Rehabilitate Manhole
	102309	08/29/2022	3	1460	13	D	B	SS.MH.T0014019	Rehabilitate Manhole
	102311	10/06/2022	3	1479	13	D	B	SS.MH.T0014041	Rehabilitate Manhole
	102312	10/04/2022	3	3111	17	D	B	SS.MH.T0014241	Rehabilitate Manhole
	102314	06/29/2022	3	3116	17	D	B	SS.MH.T0014267	Rehabilitate Manhole
	102315	06/28/2022	3	3120	17	D	B	SS.MH.T0014271	Rehabilitate Manhole
	102316	09/30/2022	3	3134	17	D	B	SS.MH.T0014656	Rehabilitate Manhole
	102317	10/04/2022	3	3112	17	D	B	SS.MH.T0014242	Rehabilitate Manhole
	102318	10/18/2022	3	3146	17	D	B	SS.MH.T0014678	Rehabilitate Manhole
	102319	10/18/2022	3	3147	17	D	B	SS.MH.T0014680	Rehabilitate Manhole
	102320	11/22/2022	3	1527	13	D	B	SS.MH.T0014752	Rehabilitate Manhole
	102321	10/18/2022	3	3148	17	D	B	SS.MH.T0014681	Rehabilitate Manhole
	102322	11/22/2022	3	1530	13	D	B	SS.MH.T0014760	Rehabilitate Manhole
	102323	10/20/2022	3	1544	13	D	B	SS.MH.T0014778	Rehabilitate Manhole
	102845	02/08/2022	3	1928	17	D	C	SS.MH.T0000316	Repair Manhole
	102847	02/01/2022	3	1933	17	D	C	SS.MH.T0000347	Repair Manhole
	102849	09/26/2022	3	477	13	D	C	SS.MH.T0000403	Repair Manhole
	102850	02/15/2022	3	3179	U2	D	C	SS.MH.T0000423	Repair Manhole
	102851	02/09/2022	3	1943	17	D	C	SS.MH.T0000449	Repair Manhole
	102853	02/11/2022	3	1959	17	D	C	SS.MH.T0000467	Repair Manhole
	102854	02/11/2022	3	1960	17	D	C	SS.MH.T0000468	Repair Manhole
	102856	04/27/2022	3	1944	17	D	C	SS.MH.T0000450	Repair Manhole
	102857	10/13/2022	3	1594	16	D	C	SS.MH.T0000521	Repair Manhole
	102858	10/03/2022	3	479	13	D	C	SS.MH.T0000664	Repair Manhole
	102859	02/02/2022	3	1985	17	D	C	SS.MH.T0000556	Repair Manhole
	102860	01/12/2022	3	1977	17	D	C	SS.MH.T0000540	Repair Manhole
	102863	04/22/2022	3	1605	16	D	C	SS.MH.T0000720	Repair Manhole
	102864	10/10/2022	3	1603	16	D	C	SS.MH.T0000718	Repair Manhole
	102867	10/03/2022	3	487	13	D	C	SS.MH.T0000762	Repair Manhole
	102868	04/22/2022	3	1606	16	D	C	SS.MH.T0000724	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102871	09/22/2022	3	192	10	D	C	SS.MH.T0000851	Repair Manhole
	102872	03/29/2022	3	196	10	D	C	SS.MH.T0000866	Repair Manhole
	102883	09/27/2022	3	509	13	D	C	SS.MH.T0001144	Repair Manhole
	102884	09/27/2022	3	510	13	D	C	SS.MH.T0001146	Repair Manhole
	102886	05/09/2022	3	2039	17	D	C	SS.MH.T0001224	Repair Manhole
	102888	04/28/2022	3	2051	17	D	C	SS.MH.T0001425	Repair Manhole
	102889	04/22/2022	3	1622	16	D	C	SS.MH.T0001475	Repair Manhole
	102890	10/10/2022	3	1623	16	D	C	SS.MH.T0001476	Repair Manhole
	102891	02/18/2022	3	1624	16	D	C	SS.MH.T0001477	Repair Manhole
	102892	10/10/2022	3	2056	17	D	C	SS.MH.T0001495	Repair Manhole
	102893	02/17/2022	3	1625	16	D	C	SS.MH.T0001479	Repair Manhole
	102894	10/07/2022	3	2059	17	D	C	SS.MH.T0001499	Repair Manhole
	102895	10/07/2022	3	2061	17	D	C	SS.MH.T0001503	Repair Manhole
	102900	11/17/2022	3	2073	17	D	C	SS.MH.T0001515	Repair Manhole
	102901	10/12/2022	3	2077	17	D	C	SS.MH.T0001520	Repair Manhole
	102903	05/09/2022	3	2088	17	D	C	SS.MH.T0001538	Repair Manhole
	102905	10/12/2022	3	2095	17	D	C	SS.MH.T0001546	Repair Manhole
	102906	01/12/2022	3	2098	17	D	C	SS.MH.T0001554	Repair Manhole
	102907	01/11/2022	3	2097	17	D	C	SS.MH.T0001553	Repair Manhole
	102908	10/12/2022	3	2101	17	D	C	SS.MH.T0001557	Repair Manhole
	102910	10/13/2022	3	2102	17	D	C	SS.MH.T0001558	Repair Manhole
	102913	02/18/2022	3	2148	17	D	C	SS.MH.T0001636	Repair Manhole
	102914	02/21/2022	3	1647	16	D	C	SS.MH.T0001637	Repair Manhole
	102915	10/07/2022	3	2157	17	D	C	SS.MH.T0001652	Repair Manhole
	102916	10/07/2022	3	2161	17	D	C	SS.MH.T0001656	Repair Manhole
	102917	02/18/2022	3	1650	16	D	C	SS.MH.T0001704	Repair Manhole
	102918	01/26/2022	3	2178	17	D	C	SS.MH.T0001702	Repair Manhole
	102920	10/03/2022	3	516	13	D	C	SS.MH.T0001789	Repair Manhole
	102921	10/03/2022	3	517	13	D	C	SS.MH.T0001790	Repair Manhole
	102926	04/21/2022	3	121	7	D	C	SS.MH.T0001959	Repair Manhole
	102929	12/14/2022	3	526	13	D	C	SS.MH.T0002039	Repair Manhole
	102931	10/10/2022	3	2194	17	D	C	SS.MH.T0002184	Repair Manhole
	102932	10/07/2022	3	2195	17	D	C	SS.MH.T0002185	Repair Manhole
	102935	05/09/2022	3	2210	17	D	C	SS.MH.T0002205	Repair Manhole
	102942	10/13/2022	3	2234	17	D	C	SS.MH.T0002237	Repair Manhole
	102947	05/09/2022	3	2243	17	D	C	SS.MH.T0002264	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	102950	05/09/2022	3	2264	17	D	C	SS.MH.T0002396	Repair Manhole
	102951	10/12/2022	3	2272	17	D	C	SS.MH.T0002404	Repair Manhole
	102953	01/11/2022	3	2282	17	D	C	SS.MH.T0002509	Repair Manhole
	102954	01/19/2022	3	2280	17	D	C	SS.MH.T0002441	Repair Manhole
	102955	01/19/2022	3	2279	17	D	C	SS.MH.T0002440	Repair Manhole
	102956	01/26/2022	3	2284	17	D	C	SS.MH.T0002513	Repair Manhole
	102957	05/09/2022	3	2285	17	D	C	SS.MH.T0002518	Repair Manhole
	102960	10/03/2022	3	549	13	D	C	SS.MH.T0002727	Repair Manhole
	102963	09/22/2022	3	245	10	D	C	SS.MH.T0002832	Repair Manhole
	102966	09/22/2022	3	246	10	D	C	SS.MH.T0002833	Repair Manhole
	102967	04/21/2022	3	252	10	D	C	SS.MH.T0002839	Repair Manhole
	102972	11/30/2022	3	253	10	D	C	SS.MH.T0002840	Repair Manhole
	102977	04/21/2022	3	384	11	D	C	SS.MH.T0002890	Repair Manhole
	102981	12/14/2022	3	567	13	D	C	SS.MH.T0003013	Repair Manhole
	102983	09/22/2022	3	272	10	D	C	SS.MH.T0003027	Repair Manhole
	102985	04/21/2022	3	579	13	D	C	SS.MH.T0003057	Repair Manhole
	102990	10/03/2022	3	591	13	D	C	SS.MH.T0003071	Repair Manhole
	102995	10/13/2022	3	615	13	D	C	SS.MH.T0003164	Repair Manhole
	102996	09/23/2022	3	616	13	D	C	SS.MH.T0003165	Repair Manhole
	102997	09/23/2022	3	617	13	D	C	SS.MH.T0003166	Repair Manhole
	102998	09/23/2022	3	618	13	D	C	SS.MH.T0003167	Repair Manhole
	102999	09/23/2022	3	621	13	D	C	SS.MH.T0003170	Repair Manhole
	103000	09/23/2022	3	620	13	D	C	SS.MH.T0003169	Repair Manhole
	103001	09/23/2022	3	623	13	D	C	SS.MH.T0003172	Repair Manhole
	103003	10/04/2022	3	650	13	D	C	SS.MH.T0003199	Repair Manhole
	103004	11/17/2022	3	649	13	D	C	SS.MH.T0003198	Repair Manhole
	103005	10/04/2022	3	651	13	D	C	SS.MH.T0003200	Repair Manhole
	103006	05/12/2022	3	657	13	D	C	SS.MH.T0003218	Repair Manhole
	103007	12/07/2022	3	655	13	D	C	SS.MH.T0003206	Repair Manhole
	103008	10/05/2022	3	659	13	D	C	SS.MH.T0003222	Repair Manhole
	103009	10/05/2022	3	663	13	D	C	SS.MH.T0003226	Repair Manhole
	103010	10/06/2022	3	665	13	D	C	SS.MH.T0003228	Repair Manhole
	103011	10/06/2022	3	666	13	D	C	SS.MH.T0003229	Repair Manhole
	103012	10/05/2022	3	670	13	D	C	SS.MH.T0003233	Repair Manhole
	103014	10/05/2022	3	673	13	D	C	SS.MH.T0003236	Repair Manhole
	103016	10/05/2022	3	682	13	D	C	SS.MH.T0003245	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103017	10/05/2022	3	684	13	D	C	SS.MH.T0003247	Repair Manhole
	103018	10/06/2022	3	700	13	D	C	SS.MH.T0003266	Repair Manhole
	103019	10/06/2022	3	703	13	D	C	SS.MH.T0003269	Repair Manhole
	103020	10/06/2022	3	704	13	D	C	SS.MH.T0003270	Repair Manhole
	103021	09/23/2022	3	716	13	D	C	SS.MH.T0003285	Repair Manhole
	103022	09/23/2022	3	723	13	D	C	SS.MH.T0003292	Repair Manhole
	103023	10/06/2022	3	725	13	D	C	SS.MH.T0003294	Repair Manhole
	103024	09/23/2022	3	733	13	D	C	SS.MH.T0003302	Repair Manhole
	103026	10/07/2022	3	2291	17	D	C	SS.MH.T0003319	Repair Manhole
	103027	10/12/2022	3	2306	17	D	C	SS.MH.T0003357	Repair Manhole
	103029	10/07/2022	3	2313	17	D	C	SS.MH.T0003365	Repair Manhole
	103030	10/07/2022	3	2311	17	D	C	SS.MH.T0003363	Repair Manhole
	103032	01/13/2022	3	2350	17	D	C	SS.MH.T0003428	Repair Manhole
	103043	10/11/2022	3	2398	17	D	C	SS.MH.T0003512	Repair Manhole
	103044	10/11/2022	3	2402	17	D	C	SS.MH.T0003517	Repair Manhole
	103046	10/11/2022	3	2438	17	D	C	SS.MH.T0003593	Repair Manhole
	103051	10/11/2022	3	2443	17	D	C	SS.MH.T0003603	Repair Manhole
	103052	01/25/2022	3	2450	17	D	C	SS.MH.T0003618	Repair Manhole
	103053	10/07/2022	3	2453	17	D	C	SS.MH.T0003642	Repair Manhole
	103055	05/04/2022	3	2462	17	D	C	SS.MH.T0003651	Repair Manhole
	103058	10/11/2022	3	2466	17	D	C	SS.MH.T0003665	Repair Manhole
	103059	01/27/2022	3	2467	17	D	C	SS.MH.T0003674	Repair Manhole
	103060	01/27/2022	3	2471	17	D	C	SS.MH.T0003678	Repair Manhole
	103061	05/04/2022	3	2483	17	D	C	SS.MH.T0003696	Repair Manhole
	103062	10/07/2022	3	2477	17	D	C	SS.MH.T0003690	Repair Manhole
	103064	02/02/2022	3	2492	17	D	C	SS.MH.T0003708	Repair Manhole
	103065	05/10/2022	3	2519	17	D	C	SS.MH.T0003752	Repair Manhole
	103066	02/14/2022	3	2521	17	D	C	SS.MH.T0003754	Repair Manhole
	103068	02/21/2022	3	2545	17	D	C	SS.MH.T0003785	Repair Manhole
	103069	02/22/2022	3	2550	17	D	C	SS.MH.T0003804	Repair Manhole
	103070	02/02/2022	3	2548	17	D	C	SS.MH.T0003801	Repair Manhole
	103071	10/07/2022	3	2563	17	D	C	SS.MH.T0003819	Repair Manhole
	103072	10/07/2022	3	2564	17	D	C	SS.MH.T0003820	Repair Manhole
	103073	05/04/2022	3	2566	17	D	C	SS.MH.T0003822	Repair Manhole
	103074	02/01/2022	3	2568	17	D	C	SS.MH.T0003824	Repair Manhole
	103075	02/11/2022	3	2571	17	D	C	SS.MH.T0003831	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103077	10/10/2022	3	2583	17	D	C	SS.MH.T0003853	Repair Manhole
	103078	10/10/2022	3	2586	17	D	C	SS.MH.T0003857	Repair Manhole
	103079	02/11/2022	3	2591	17	D	C	SS.MH.T0003862	Repair Manhole
	103080	02/09/2022	3	2587	17	D	C	SS.MH.T0003858	Repair Manhole
	103083	04/27/2022	3	2593	17	D	C	SS.MH.T0003865	Repair Manhole
	103084	02/11/2022	3	2600	17	D	C	SS.MH.T0003875	Repair Manhole
	103085	04/27/2022	3	2602	17	D	C	SS.MH.T0003877	Repair Manhole
	103087	05/04/2022	3	2611	17	D	C	SS.MH.T0003898	Repair Manhole
	103088	05/04/2022	3	2626	17	D	C	SS.MH.T0003935	Repair Manhole
	103089	10/11/2022	3	2627	17	D	C	SS.MH.T0003936	Repair Manhole
	103090	04/27/2022	3	2603	17	D	C	SS.MH.T0003878	Repair Manhole
	103091	03/10/2022	3	2628	17	D	C	SS.MH.T0003937	Repair Manhole
	103093	10/07/2022	3	2633	17	D	C	SS.MH.T0004041	Repair Manhole
	103094	10/07/2022	3	2638	17	D	C	SS.MH.T0004048	Repair Manhole
	103095	10/10/2022	3	2636	17	D	C	SS.MH.T0004046	Repair Manhole
	103096	10/11/2022	3	2639	17	D	C	SS.MH.T0004105	Repair Manhole
	103097	05/04/2022	3	2640	17	D	C	SS.MH.T0004106	Repair Manhole
	103098	05/04/2022	3	2646	17	D	C	SS.MH.T0004115	Repair Manhole
	103099	05/04/2022	3	2649	17	D	C	SS.MH.T0004119	Repair Manhole
	103100	10/12/2022	3	2654	17	D	C	SS.MH.T0004137	Repair Manhole
	103106	05/04/2022	3	2669	17	D	C	SS.MH.T0004202	Repair Manhole
	103109	09/22/2022	3	750	13	D	C	SS.MH.T0004408	Repair Manhole
	103111	03/04/2022	3	761	13	D	C	SS.MH.T0004422	Repair Manhole
	103113	11/16/2022	3	768	13	D	C	SS.MH.T0004435	Repair Manhole
	103114	11/16/2022	3	770	13	D	C	SS.MH.T0004437	Repair Manhole
	103124	11/08/2022	3	794	13	D	C	SS.MH.T0004486	Repair Manhole
	103127	10/03/2022	3	807	13	D	C	SS.MH.T0004550	Repair Manhole
	103128	09/27/2022	3	834	13	D	C	SS.MH.T0004614	Repair Manhole
	103129	10/03/2022	3	814	13	D	C	SS.MH.T0004569	Repair Manhole
	103131	09/27/2022	3	839	13	D	C	SS.MH.T0004619	Repair Manhole
	103134	03/09/2022	3	853	13	D	C	SS.MH.T0004690	Repair Manhole
	103136	09/23/2022	3	857	13	D	C	SS.MH.T0004694	Repair Manhole
	103137	09/26/2022	3	863	13	D	C	SS.MH.T0004700	Repair Manhole
	103138	09/28/2022	3	865	13	D	C	SS.MH.T0004702	Repair Manhole
	103139	09/26/2022	3	864	13	D	C	SS.MH.T0004701	Repair Manhole
	103140	12/08/2022	3	868	13	D	C	SS.MH.T0004705	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103141	09/26/2022	3	873	13	D	C	SS.MH.T0004710	Repair Manhole
	103143	09/29/2022	3	874	13	D	C	SS.MH.T0004711	Repair Manhole
	103144	12/14/2022	3	883	13	D	C	SS.MH.T0004725	Repair Manhole
	103146	10/06/2022	3	894	13	D	C	SS.MH.T0004741	Repair Manhole
	103147	10/05/2022	3	895	13	D	C	SS.MH.T0004742	Repair Manhole
	103148	11/04/2022	3	906	13	D	C	SS.MH.T0004759	Repair Manhole
	103150	09/28/2022	3	924	13	D	C	SS.MH.T0004777	Repair Manhole
	103151	09/28/2022	3	930	13	D	C	SS.MH.T0004783	Repair Manhole
	103152	09/28/2022	3	935	13	D	C	SS.MH.T0004788	Repair Manhole
	103153	09/29/2022	3	938	13	D	C	SS.MH.T0004791	Repair Manhole
	103155	09/29/2022	3	939	13	D	C	SS.MH.T0004792	Repair Manhole
	103156	09/29/2022	3	945	13	D	C	SS.MH.T0004798	Repair Manhole
	103157	11/04/2022	3	951	13	D	C	SS.MH.T0004809	Repair Manhole
	103162	11/02/2022	3	962	13	D	C	SS.MH.T0004820	Repair Manhole
	103163	10/05/2022	3	976	13	D	C	SS.MH.T0004835	Repair Manhole
	103164	10/05/2022	3	975	13	D	C	SS.MH.T0004834	Repair Manhole
	103165	10/05/2022	3	977	13	D	C	SS.MH.T0004836	Repair Manhole
	103166	11/30/2022	3	982	13	D	C	SS.MH.T0004844	Repair Manhole
	103167	10/06/2022	3	987	13	D	C	SS.MH.T0004849	Repair Manhole
	103168	09/29/2022	3	992	13	D	C	SS.MH.T0004854	Repair Manhole
	103169	10/06/2022	3	988	13	D	C	SS.MH.T0004850	Repair Manhole
	103171	12/08/2022	3	1010	13	D	C	SS.MH.T0004874	Repair Manhole
	103173	10/04/2022	3	1019	13	D	C	SS.MH.T0004883	Repair Manhole
	103174	11/29/2022	3	1022	13	D	C	SS.MH.T0004889	Repair Manhole
	103175	09/29/2022	3	1023	13	D	C	SS.MH.T0004890	Repair Manhole
	103176	09/30/2022	3	1038	13	D	C	SS.MH.T0004917	Repair Manhole
	103178	09/28/2022	3	1031	13	D	C	SS.MH.T0004906	Repair Manhole
	103179	11/29/2022	3	1055	13	D	C	SS.MH.T0004948	Repair Manhole
	103180	12/12/2022	3	1051	13	D	C	SS.MH.T0004941	Repair Manhole
	103181	10/04/2022	3	1048	13	D	C	SS.MH.T0004938	Repair Manhole
	103182	10/04/2022	3	1061	13	D	C	SS.MH.T0004955	Repair Manhole
	103183	09/30/2022	3	1070	13	D	C	SS.MH.T0004968	Repair Manhole
	103184	10/03/2022	3	1074	13	D	C	SS.MH.T0004974	Repair Manhole
	103185	09/30/2022	3	1079	13	D	C	SS.MH.T0004989	Repair Manhole
	103187	09/29/2022	3	1107	13	D	C	SS.MH.T0005034	Repair Manhole
	103189	09/29/2022	3	1114	13	D	C	SS.MH.T0005047	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103190	09/30/2022	3	1119	13	D	C	SS.MH.T0005052	Repair Manhole
	103193	11/04/2022	3	1134	13	D	C	SS.MH.T0005069	Repair Manhole
	103194	09/30/2022	3	1126	13	D	C	SS.MH.T0005061	Repair Manhole
	103195	09/26/2022	3	1135	13	D	C	SS.MH.T0005071	Repair Manhole
	103196	09/29/2022	3	1139	13	D	C	SS.MH.T0005075	Repair Manhole
	103197	09/30/2022	3	1144	13	D	C	SS.MH.T0005080	Repair Manhole
	103198	09/30/2022	3	1151	13	D	C	SS.MH.T0005087	Repair Manhole
	103199	09/29/2022	3	1154	13	D	C	SS.MH.T0005101	Repair Manhole
	103200	09/29/2022	3	1155	13	D	C	SS.MH.T0005102	Repair Manhole
	103202	10/10/2022	3	2676	17	D	C	SS.MH.T0005137	Repair Manhole
	103205	10/10/2022	3	2681	17	D	C	SS.MH.T0005450	Repair Manhole
	103206	10/07/2022	3	2685	17	D	C	SS.MH.T0005454	Repair Manhole
	103207	04/28/2022	3	2690	17	D	C	SS.MH.T0005460	Repair Manhole
	103208	04/27/2022	3	2686	17	D	C	SS.MH.T0005455	Repair Manhole
	103209	04/28/2022	3	2691	17	D	C	SS.MH.T0005461	Repair Manhole
	103213	02/08/2022	3	2707	17	D	C	SS.MH.T0005478	Repair Manhole
	103214	02/08/2022	3	2708	17	D	C	SS.MH.T0005479	Repair Manhole
	103215	02/07/2022	3	2710	17	D	C	SS.MH.T0005481	Repair Manhole
	103216	02/08/2022	3	2711	17	D	C	SS.MH.T0005482	Repair Manhole
	103217	11/16/2022	3	2713	17	D	C	SS.MH.T0005484	Repair Manhole
	103218	09/28/2022	3	1172	13	D	C	SS.MH.T0005616	Repair Manhole
	103219	10/10/2022	3	2716	17	D	C	SS.MH.T0005499	Repair Manhole
	103220	10/13/2022	3	1174	13	D	C	SS.MH.T0005620	Repair Manhole
	103221	09/27/2022	3	1178	13	D	C	SS.MH.T0005624	Repair Manhole
	103223	09/28/2022	3	1188	13	D	C	SS.MH.T0005764	Repair Manhole
	103225	09/28/2022	3	1189	13	D	C	SS.MH.T0005765	Repair Manhole
	103226	09/29/2022	3	1190	13	D	C	SS.MH.T0005782	Repair Manhole
	103227	09/29/2022	3	1192	13	D	C	SS.MH.T0005844	Repair Manhole
	103228	09/30/2022	3	1193	13	D	C	SS.MH.T0005848	Repair Manhole
	103229	09/30/2022	3	1196	13	D	C	SS.MH.T0005851	Repair Manhole
	103230	09/30/2022	3	1195	13	D	C	SS.MH.T0005850	Repair Manhole
	103231	09/30/2022	3	1197	13	D	C	SS.MH.T0005852	Repair Manhole
	103232	09/30/2022	3	1198	13	D	C	SS.MH.T0005853	Repair Manhole
	103233	09/30/2022	3	1205	13	D	C	SS.MH.T0005899	Repair Manhole
	103234	09/30/2022	3	1203	13	D	C	SS.MH.T0005858	Repair Manhole
	103236	09/30/2022	3	1206	13	D	C	SS.MH.T0005900	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103237	12/14/2022	3	1211	13	D	C	SS.MH.T0005965	Repair Manhole
	103238	01/06/2022	3	2721	17	D	C	SS.MH.T0006001	Repair Manhole
	103239	09/28/2022	3	1218	13	D	C	SS.MH.T0006838	Repair Manhole
	103240	12/09/2022	3	1224	13	D	C	SS.MH.T0006845	Repair Manhole
	103241	10/26/2022	3	1223	13	D	C	SS.MH.T0006844	Repair Manhole
	103242	02/08/2022	3	2722	17	D	C	SS.MH.T0006177	Repair Manhole
	103243	09/23/2022	3	1227	13	D	C	SS.MH.T0006848	Repair Manhole
	103244	02/17/2022	3	3202	U2	D	C	SS.MH.T0007106	Repair Manhole
	103245	02/15/2022	3	3206	U2	D	C	SS.MH.T0007110	Repair Manhole
	103246	10/12/2022	3	1670	16	D	C	SS.MH.T0007259	Repair Manhole
	103247	02/15/2022	3	3207	U2	D	C	SS.MH.T0007111	Repair Manhole
	103248	10/12/2022	3	1674	16	D	C	SS.MH.T0007272	Repair Manhole
	103249	10/12/2022	3	1671	16	D	C	SS.MH.T0007260	Repair Manhole
	103250	01/25/2022	3	1675	16	D	C	SS.MH.T0007275	Repair Manhole
	103251	01/25/2022	3	1676	16	D	C	SS.MH.T0007276	Repair Manhole
	103252	02/16/2022	3	1682	16	D	C	SS.MH.T0007291	Repair Manhole
	103253	05/04/2022	3	2734	17	D	C	SS.MH.T0007294	Repair Manhole
	103254	05/04/2022	3	2739	17	D	C	SS.MH.T0007299	Repair Manhole
	103255	04/22/2022	3	3209	U2	D	C	SS.MH.T0007336	Repair Manhole
	103256	05/04/2022	3	2742	17	D	C	SS.MH.T0007302	Repair Manhole
	103257	10/10/2022	3	1685	16	D	C	SS.MH.T0007350	Repair Manhole
	103259	04/22/2022	3	2751	17	D	C	SS.MH.T0007360	Repair Manhole
	103261	01/25/2022	3	2752	17	D	C	SS.MH.T0007500	Repair Manhole
	103262	10/12/2022	3	2753	17	D	C	SS.MH.T0007501	Repair Manhole
	103266	02/10/2022	3	2757	17	D	C	SS.MH.T0007882	Repair Manhole
	103267	10/10/2022	3	1735	16	D	C	SS.MH.T0007965	Repair Manhole
	103269	04/21/2022	3	458	12	D	C	SS.MH.T0008341	Repair Manhole
	103272	02/23/2022	3	467	12	D	C	SS.MH.T0008402	Repair Manhole
	103273	03/09/2022	3	1788	16	D	C	SS.MH.T0008938	Repair Manhole
	103274	03/09/2022	3	1792	16	D	C	SS.MH.T0008942	Repair Manhole
	103275	10/12/2022	3	1751	16	D	C	SS.MH.T0008810	Repair Manhole
	103276	10/12/2022	3	1793	16	D	C	SS.MH.T0008943	Repair Manhole
	103277	10/12/2022	3	1794	16	D	C	SS.MH.T0008944	Repair Manhole
	103278	04/21/2022	3	1241	13	D	C	SS.MH.T0008949	Repair Manhole
	103279	04/28/2022	3	2763	17	D	C	SS.MH.T0009106	Repair Manhole
	103282	01/20/2022	3	2766	17	D	C	SS.MH.T0009109	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

Comment	Work Order	Date	Remedial Measure Plan			Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
			Group #	Item #	Basin				
	103285	01/13/2022	3	2780	17	D	C	SS.MH.T0009123	Repair Manhole
	103286	03/31/2022	3	2804	17	D	C	SS.MH.T0009159	Repair Manhole
	103287	01/14/2022	3	2777	17	D	C	SS.MH.T0009120	Repair Manhole
	103289	03/09/2022	3	1799	16	D	C	SS.MH.T0009213	Repair Manhole
	103292	03/09/2022	3	1797	16	D	C	SS.MH.T0009211	Repair Manhole
	103293	10/12/2022	3	3239	U2	D	C	SS.MH.T0009235	Repair Manhole
	103294	04/19/2022	3	3241	U2	D	C	SS.MH.T0009237	Repair Manhole
	103296	01/26/2022	3	2854	17	D	C	SS.MH.T0009570	Repair Manhole
	103298	02/09/2022	3	2913	17	D	C	SS.MH.T0009945	Repair Manhole
	103299	06/15/2022	3	2967	17	D	C	SS.MH.T0010265	Repair Manhole
	103300	02/09/2022	3	3001	17	D	C	SS.MH.T0010892	Repair Manhole
	103303	10/05/2022	3	1405	13	D	C	SS.MH.T0012954	Repair Manhole
	103306	02/01/2022	3	3022	17	D	C	SS.MH.T0013114	Repair Manhole
	103309	02/02/2022	3	3024	17	D	C	SS.MH.T0013179	Repair Manhole
	103310	01/27/2022	3	3028	17	D	C	SS.MH.T0013247	Repair Manhole
	103311	05/04/2022	3	3032	17	D	C	SS.MH.T0013251	Repair Manhole
	103313	05/04/2022	3	3033	17	D	C	SS.MH.T0013252	Repair Manhole
	103316	04/27/2022	3	3267	U2	D	C	SS.MH.T0013260	Repair Manhole
	103317	10/10/2022	3	3040	17	D	C	SS.MH.T0013271	Repair Manhole
	103318	02/01/2022	3	3041	17	D	C	SS.MH.T0013274	Repair Manhole
	103319	05/04/2022	3	3047	17	D	C	SS.MH.T0013299	Repair Manhole
	103323	05/09/2022	3	3054	17	D	C	SS.MH.T0013318	Repair Manhole
	103325	10/10/2022	3	3064	17	D	C	SS.MH.T0013564	Repair Manhole
	103326	04/27/2022	3	3279	U2	D	C	SS.MH.T0013571	Repair Manhole
	103328	10/06/2022	3	1435	13	D	C	SS.MH.T0013651	Repair Manhole
	103330	04/21/2022	3	164	7	D	C	SS.MH.T0013713	Repair Manhole
	103332	10/12/2022	3	3284	U2	D	C	SS.MH.T0013917	Repair Manhole
	103333	05/21/2022	3	1438	13	D	C	SS.MH.T0013965	Repair Manhole
	103337	10/05/2022	3	1484	13	D	C	SS.MH.T0014046	Repair Manhole
	103340	04/26/2022	3	1899	16	D	C	SS.MH.T0014094	Repair Manhole
	103341	02/16/2022	3	1900	16	D	C	SS.MH.T0014095	Repair Manhole
	103342	02/16/2022	3	1901	16	D	C	SS.MH.T0014096	Repair Manhole
	103343	04/28/2022	3	1902	16	D	C	SS.MH.T0014097	Repair Manhole
	103344	02/15/2022	3	3293	U2	D	C	SS.MH.T0014109	Repair Manhole
	103347	02/10/2022	3	3102	17	D	C	SS.MH.T0014209	Repair Manhole
	103348	02/09/2022	3	3099	17	D	C	SS.MH.T0014194	Repair Manhole

Table L-2c: Manhole Remedial Measure Plan Repairs - Compilation

			Remedial Measure Plan						
Comment	Work Order	Date	Group #	Item #	Basin	Condition Rating	Rating Post Rehab.	Manhole ID	Remedial Measure Plan Recommendation
	103351	04/26/2022	3	1912	16	D	C	SS.MH.T0014225	Repair Manhole
	103354	01/06/2022	3	3118	17	D	C	SS.MH.T0014269	Repair Manhole
	103355	05/27/2022	3	3119	17	D	C	SS.MH.T0014270	Repair Manhole
	103357	02/25/2022	3	1917	16	D	C	SS.MH.T0014301	Repair Manhole
	103362	04/21/2022	3	474	12	E	C	SS.MH.T0014334	Repair Manhole
	103364	05/10/2022	3	3006	17	C	B	SS.MH.T0011977	Monitor Manhole
	103365	02/02/2022	3	3132	17	D	C	SS.MH.T0014654	Repair Manhole
	103366	01/12/2022	3	3140	17	D	C	SS.MH.T0014669	Repair Manhole
	103367	01/13/2022	3	3143	17	D	C	SS.MH.T0014674	Repair Manhole
	103371	10/06/2022	3	1538	13	D	C	SS.MH.T0014769	Repair Manhole
	103375	09/28/2022	3	1562	13	D	C	SS.MH.T0014821	Repair Manhole
	117229	05/01/2022	3	3171	U1	D	B	SS.MH.T0000140	Rehabilitate Manhole
Part of CIPP Project	117272	02/22/2022	5	2280	2	C	B	SS.MH.T0007549	Monitor Manhole
Part of CIPP Project	117273	02/22/2022	5	2281	2	B	B	SS.MH.T0015422	
Part of CIPP Project	118054	06/01/2022	5	1634	20	D	B	SS.MH.T0014482	Rehabilitate Manhole
	94661	01/25/2022	2	347	8	D	B	SS.MH.T0002570	Rehabilitate Manhole
Raised Manhole	98376	01/10/2022	5	450	5	X-Buried	TBD	SS.MH.T0002146	Raise Manhole
	98972	01/22/2022	2	48	8	D	B	SS.MH.T0001128	Rehabilitate Manhole
	98985	01/27/2022	2	227	8	D	B	SS.MH.T0001915	Rehabilitate Manhole
	98994	03/08/2022	2	437	8	D	B	SS.MH.T0002667	Rehabilitate Manhole
	99003	07/18/2022	2	52	15	D	C	SS.MH.T0002946	Repair Manhole

Total	777 Manholes
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Section M. Completion of Lift Station Remedial Measures (Paragraph 69)

The Lift Station Assessment Report and Improvement Plan was submitted to the EPA and TCEQ on 25 September 2018. All the remedial measures from the submitted Lift Station Improvement Plan are outlined in this Section along with any additional remedial measure activities associated with the Tyler's Lift Stations.

Table M-1 below is a summary of the total estimated costs for the recommended remedial measures. The total estimated project cost includes Engineering Services and Administrative Fees. **Table M-1** was included in said Lift Station Condition Assessment Report and Improvement Plan.

Table M-2 lists the summary of the planned and completed remedial activities. All Lift Station improvement work associated with the Lift Station Improvement Plan has been completed.

Figure M-1 shows the locations of all City of Tyler lift stations. Lift stations that have had improvement work performed during the 1 January 2022 through 31 December 2022 reporting period, are indicated in **Bold**. The others either do not need remedial work, or said work was performed prior to the 1 January 2022 through 31 December 2022 reporting period.

Table M-1: Lift Station Improvement Plan Estimated Cost

	TOTAL PRICE
<i>Total Construction Cost =</i>	<i>\$888,330</i>
<i>Engineering Services (10%) =</i>	<i>\$88,850</i>
<i>Administrative Fee (30%) =</i>	<i>\$266,500</i>
<i>TOTAL PROJECT COST =</i>	<i>\$1,243,680</i>

Table M-2: Lift Station Improvement Plan Summary

City of Tyler Lift Station Condition Assessment Improvements

RECOMMENDED IMPROVEMENTS TO ANIMAL SHELTER LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Electric Breaker for Pump 1	1	3/20/2019	45460
2	Install Cam Lock Quick Connect to Force Main for Portable Pump. (Cost includes valves, fittings, etc. required for connection)	1	7/3/2019	45462
3	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	-	11/1/2018	45464
4	Install Flood Light on Site	1	3/20/2019	45465

RECOMMENDED IMPROVEMENTS TO BELLWOOD LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Stainless Steel I/I Inhibitor at Wet Well Access Manhole	1	9/10/2021	45584
2	Replace Manhole Lid on Gravity Influent Line	1	11/12/2018	45585
3	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45583
4	Line wet well for corrosion protection	363	9/10/2021	45587
6	Install NEMA4X Electrical Panels	1	2/16/2022	45590
7	Replace on Site Lighting	1	12/19/2018	45586
8	Replace Latch on Dog House Door	1	12/7/2020	45591

RECOMMENDED IMPROVEMENTS TO CR 46 NEW HARMONY LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54503
2	Inspect For Functionality and Replace 12" DI Surge Valve.	1	2/28/2019	45410
3	Repair Chain Link Fence	1	1/28/2022	45408
4	Repair Asphalt Driveway	1	6/21/2018	54504

RECOMMENDED IMPROVEMENTS TO DIXIE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45602
2	Replace Dog House Cover	1	3/7/2022	45603
3	Replace Electrical Panel Enclosure	1	2/17/2022	45604
4	Coat Wet Well To Avoid Further Concrete Deterioration	260	9/17/2021	45606
5	Install Stainless Steel I/I Inhibitor at Wet Well	1	9/17/2021	45601
6	Install Exterior and Interior Light	1	3/19/2019	45607

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO GREENBRIAR LIFT STATION				
ITEM	DESCRIPTION	QTY.	Complete	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54505
2	Repair 2" PVC Water Line Inside Building	1	2/12/2019	54506
3	Remove and Replace Damaged 2 ft by 2 ft DI Slab Cover for Future Pump With FRP Cover	1	3/2/2022	45419
4	Repair Asphalt Driveway	1	9/21/2020	45417

RECOMMENDED IMPROVEMENTS TO HAVERHILL LIFT STATION				
ITEM	DESCRIPTION	QTY.	Complete	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45466
2	Replace 6-inch D.I. Check Valve	1	4/5/2019	45467
3	Install Force Main Cam Lock for use with backup pumps	1	4/3/2019	45468
4	Replace Wet Well Access Manhole Lid	1	4/6/2019	45470
5	Site Grading Around Dog House To Ensure Positive Drainage	1	4/5/2019	45473
6	Replace Riser Piping and Fittings in Wet Well	1	4/5/2019	45474
7	Install Stainless Steel Inflow Inhibitor at Wet Well Access Manhole	1	6/20/2020	45475
8	Install Strobe and Horn Alarm System	1	5/4/2020	45476
9	Coat/Seal Wet Well Rim	1	3/9/2022	45428

RECOMMENDED IMPROVEMENTS TO HIGHWAY 31 LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54507
2	Install Sump Pump/ Drain for Valve Vault	1	2/4/2019	45430

RECOMMENDED IMPROVEMENTS TO HWY 69 LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54508
2	Troubleshoot low pumping rate of Pump No.1 during next scheduled pump inspection	1	4/25/2018	54509

RECOMMENDED IMPROVEMENTS TO HOGAN LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54510
2	Troubleshoot Pump No. 2 discharge.	1	3/20/2018	54511
3	Address check valve, riser pipe and fittings, repair, clean and	1	8/27/2019	54512

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO NOTTINGHAM LANE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45547
2	Address check valve, riser pipe and fittings, repair, clean and seal/paint/coat	1	3/16/2022	45548
3	Site Grading Around Generator Base Slab To Ensure Positive Drainage	1	12/20/2020	45549
4	Repair Valve Vault Drain	1	3/27/2019	45551
5	Install on Site Lighting	1	5/23/2019	45552

RECOMMENDED IMPROVEMENTS TO PILOT TRUCK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45554
2	Relocate Electric Junction Box (nearWet Well) and Air Compressor Off Ground to Vertical Frame with Electrical and Instrumentation	1	11/2/2018	45557
3	Check Functioning and Replace 6" DI check Valves	2	1/19/2019	45561
4	Check Valves, riser and fittings, repair, clean and seal	1	2/12/2020	45437

RECOMMENDED IMPROVEMENTS TO RUSTIC PARK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Replace 6" D.I. Check Valve	1	6/25/2019	45610
2	Install Force Main Cam Lock for use with backup pumps	1	3/31/2022	45612
3	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45609
4	Seal Holes Using Link Seal at Points Where Suction Pipes Enter Wet Well	1	9/23/2021	104202
5	Line wet well for corrosion protection	175	9/23/2021	45614
6	Install Lighting on Site	1	6/18/2019	45615
7	Check Valves, riser and fittings, repair, clean and seal	1	5/28/2020	45438

RECOMMENDED IMPROVEMENTS TO SHORELINE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Force Main Cam Lock for use with backup pumps	1	3/31/2022	45446
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	54514
3	Check Valves, riser and fittings, repair, clean and seal	1	1/12/2022	45443
4	Replace 4" Check Valve	1	1/12/2022	45447

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO STEWART LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Force Main Cam Lock for use with backup pumps	1	3/31/2022	45571
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	45563
3	Address check valve, riser pipe and fittings clean and seal/paint	1	1/11/2022	45668
4	Line wet well for corrosion protection	377	9/15/2021	45572

RECOMMENDED IMPROVEMENTS TO UNIVERSITY PARK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Install Force Main Cam Lock for use with backup pumps	1	10/16/2019	54516
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54515
3	Install Package Lift Station with 6 ft Diameter by 10 ft Depth Fiberglass Wet Well	1	10/16/2019	54517
4	Install Strobe and Horn Alarm System	1	10/16/2019	54518
5	Install NEMA4X Electrical and Instrumentation Panels	1	10/16/2019	54519

RECOMMENDED IMPROVEMENTS TO BROOKS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	45530
2	Rehab and Close electrical conduit on Top of Electric Panel to Avoid Rain Water Entering Panel	1	12/10/2020	45526
3	Site Grading Along Southside Fence	1	6/18/2021	45543
4	Reconnect Strobe Alarm System	1	12/10/2020	45546
5	Check Valves, riser and fittings, chains, repair, clean and seal	1	12/10/2020	45451

RECOMMENDED IMPROVEMENTS TO CHARLESTON LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Check For Cause of Failure and Repair/ Replace Pump 1 (Submersible Type-12 HP, 130 GPM)	1	3/22/2022	54520
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	54521
3	Inspect For Functionality and Replace 6" DI Surge Valve. (2)	2	3/22/2022	54522
4	Address check valve, riser pipe and fittings clean and seal/paint	1	3/22/2022	54523
5	Install Cam Lock Quick Connect to Force Main for Portable Pump. (Cost includes valves, fittings, etc. required for connection)	1	10/31/2020	54524
6	Replace flexible piping	1	3/22/2022	54525

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO CROSSINGS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	None. Lift station to be replaced.	0	NA	NA

RECOMMENDED IMPROVEMENTS TO EAST GRANDE LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	54526

RECOMMENDED IMPROVEMENTS TO FAULKNER LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	None. Closed-packaged system. Most components could not be assessed.	0	NA	NA

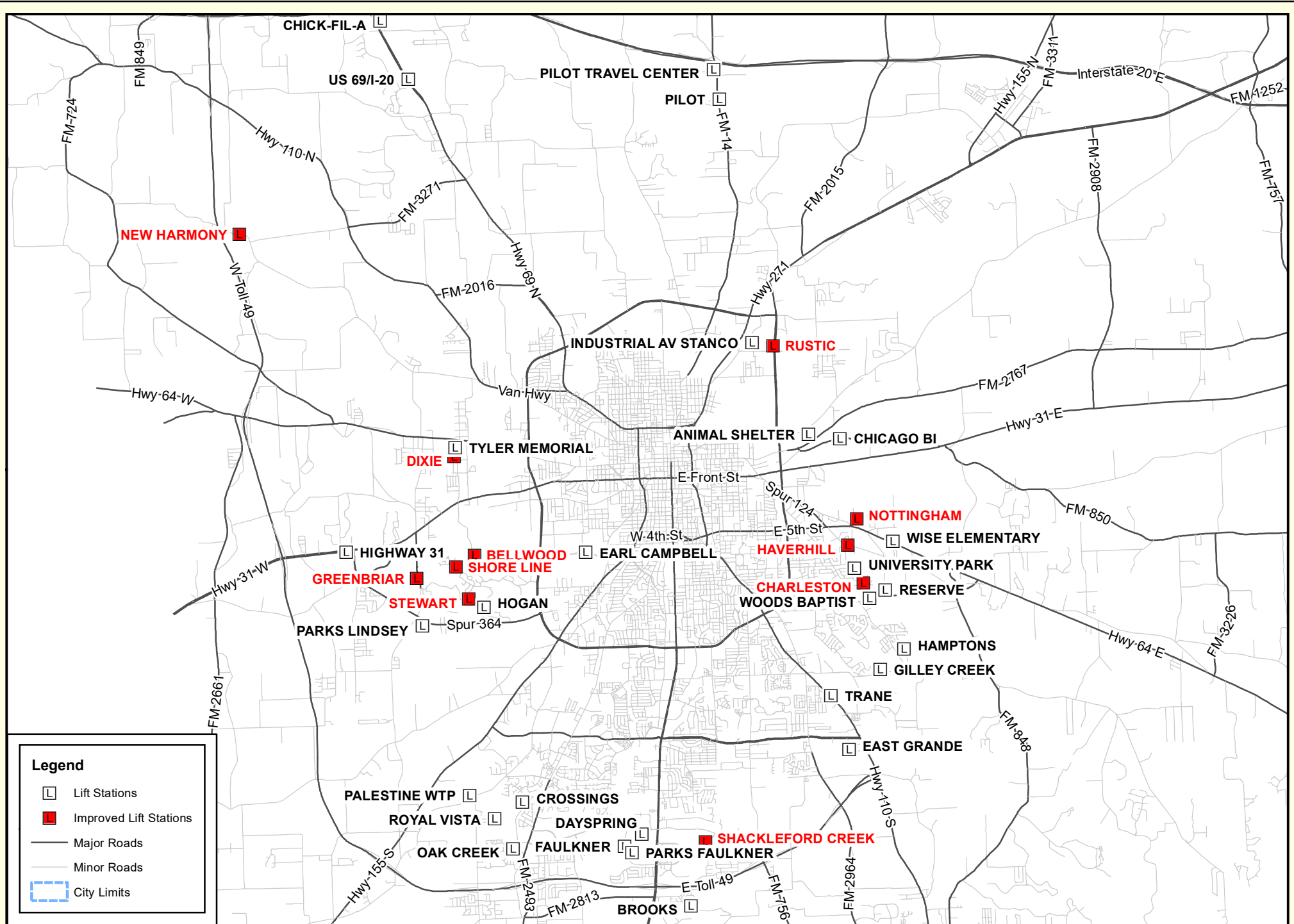
RECOMMENDED IMPROVEMENTS TO GILLEY CREEK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Provide Flood Protection Wall Around Lift Low-Lying Lift Station (70' L x 4' H x 8" T)	1	2/3/2021	54532
2	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54533
3	Install Strobe and Horn Alarm System	1	2/2/2019	54534
4	Install NEMA4X electric panel on site with phase monitors and triplex transducer controls	1	2/2/2019	54535
5	Investigate source of excessive noise.	1	10/18/2018	54536
6	Check Valves, riser and fittings, repair, clean and seal	1	8/11/2019	45452

RECOMMENDED IMPROVEMENTS TO HAMPTONS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	45574
2	Address check valve, riser pipe and fittings corrosion. Clean and seal/paint	1	8/12/2019	45573
3	Investigate duplex operation control	1	11/19/2018	45577
4	Install Force Main Cam Lock for use with backup pumps.	1	Installed before assessment	45579
5	Reorient Electric Panel Away From Fence To Allow Access For Maintenance	1	11/15/2018	45580

Table M-2: Lift Station Improvement Plan Summary (Continued)

RECOMMENDED IMPROVEMENTS TO OAKS LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	10/31/2018	NA

RECOMMENDED IMPROVEMENTS SHACKLEFORD CREEK LIFT STATION				
ITEM	DESCRIPTION	QTY.	COMPLETE	Work Order #
1	Add wet well inspection to daily inspection log. Prepare work order to clean wet well as needed.	1	11/1/2018	54527
2	Address corrosion/moisture Existing Electrical Panel (first floor)	1	5/5/2020	54528
3	Address check valve, riser pipe and fittings corrosion. Clean and seal/paint	1	5/6/2020	54529
4	Curtain Wall Grout Foundation and Building Wall on Westside	1	3/24/2022	54530
5	Replace Level Float	1	6/6/2019	54531



Legend

- L Lift Stations
- L Improved Lift Stations
- Major Roads
- Minor Roads
- City Limits

Figure M-1. Lift Station Improvements - Year 6

Section N. Completion of Force Main Remedial Measures (Paragraph 74)

The Force Main and ARV Condition Assessment Report and Remedial Measures Plan was submitted to the EPA and TCEQ on 25 September 2018. The original table from the submitted Force Main and ARV Condition Assessment Report and Remedial Measures Plan has been split into force main and ARV sections. **Table N-1**, below, lists the summary force main remedial activities for 2022. Note that all force main remedial measures from the submitted Force Main and ARV Condition Assessment Report and Remedial Measures Plan were completed prior to 2021.

Table N-1: Force Main Improvement Plan and Completed Repairs

Work Order	Date Completed	Address	Force Main Asset ID
104692	01/20/2022	FM 14 & Kellywood Ln	SS.FM.T0000068

Table N-2, lists the completed ARV remedial activities for 2022 – there were no ARV remedial activities in 2022. It should be noted that all ARV improvements outlined in the Force Main and ARV Condition Assessment Report and Remedial Measure Plan have been completed with the ARV remedial activities completed in 2021.

Table N-2: Summary Updated ARV Improvement Plan and Completed Repairs

Work Order	Date Completed	ARV Asset ID	General ID

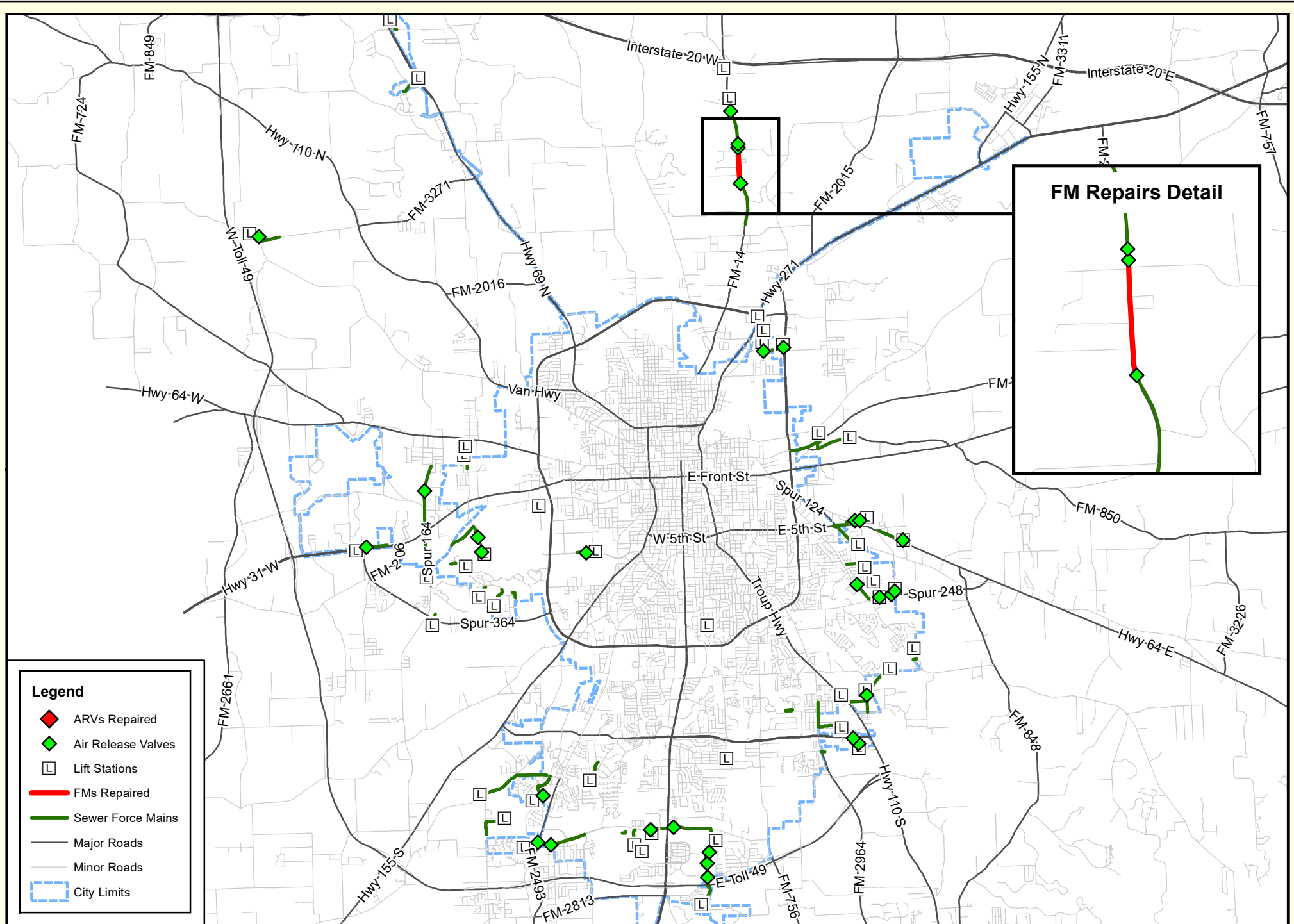


Figure N-1. Force Main & ARV Improvements - Year 6

Section O. Additional Constructed SSO Locations (Paragraph 77)

No additional constructed SSO locations were identified during this 1 January 2022 through 31 December 2022 reporting period.