

The City of Durant encourages participation from all its citizens. If participation at any public meeting is not possible due to a disability, notification to the City Clerk at least 48 hours prior to the scheduled meeting is encouraged in order to make the necessary accommodations. The City of Durant may waive the 48-hour rule if interpreters for the deaf (signing) or translation services for limited English proficient (LEP) individuals are not the necessary accommodation.

DURANT CITY UTILITIES AUTHORITY

6:00 PM

**Roscoe J. Hatfield
Council Chambers
300 West Evergreen
Durant, Oklahoma**

February 13, 2024

AGENDA

CALL TO ORDER

ROLL CALL

ORDER OF BUSINESS

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Meeting Minutes of January 9, 2024

2. Consider Items Removed from Consent

3. Information Items

4. Administration

- a. Discussion, Consideration and Possible Action to Utilize Remaining OWRB Funding of \$1,938,474.14 and ARPA Funding of \$2,633,802.85 for a Total of \$4,572,276.99 to Use on Wastewater Collection Improvements
- b. Discussion, Consideration, and Possible Action on Approving an Engineering Contract with Wall Engineering for the Wastewater Collection Improvements

5. New Business

ADJOURNMENT

CERTIFICATE

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 14th day of November, 2023 and that an agenda of said meeting was posted at the place of such meeting at 2:45 p.m. on the 8th day of February, 2024.

A handwritten signature in cursive script, reading "Cynthia J. Price".

Cynthia J. Price, City of Durant



The City of Durant

Memorandum

Date: 2/13/2024
To: Mayor and City Council
From: Cynthia Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of January 9, 2024

Council Information / Action Requested

Approval of Regular Meeting Minutes of January 9, 2024

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

1. Durant City Utilities Authority Minutes 01092024 cjp

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 14th day of November 2023 and that an agenda of said meeting was posted at the place of such meeting at 2:45 p.m. on the 5th day of January 2024.



Cynthia J. Price, City of Durant

MINUTES OF THE MEETING OF DURANT CITY UTILITIES AUTHORITY
January 9, 2024 AT 6:00 PM
Roscoe J. Hatfield Council Chambers
300 West Evergreen
Durant, Oklahoma

CALL TO ORDER

Chairman Tucker called the meeting to order at 7:08 p.m.

ROLL CALL

Present:

Trustee Lauran Fuller
Trustee Humphrey Miller
Trustee Danny Sherrer
Vice Chairman Mike Simulescu
Chairman Martin Tucker
City Attorney Tom Marcum
Interim City Manager Rick Rumsey
City Clerk Cynthia J. Price

Absent:

None

ORDER OF BUSINESS

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Meeting Minutes of December 12, 2023

Motion To: Approve Consent Item as Presented

Motion By: Martin Tucker

Seconded By: Humphrey Miller

Ayes: Fuller, Miller, Sherrer, Simulescu, Tucker

Nays: None

Abstain: None

2. Consider Items Removed from Consent

3. Information Items

4. Administration

- a. Discussion, Consideration and Possible Action on Purchasing a Gravity Belt Thickener Pump for the Amount of \$35,576.00 From Automatic Engineering.

No Action.

- b. Discussion, Consideration and Possible Action to Accept a Professional Agreement with EST Engineering in the Amount of \$1,812,697.00 for the Engineering of Waterline Relocation at 1st Avenue and Gerlach Drive.

Motion To: Accept Professional Agreement with EST Engineering for the Engineering of Waterline Relocation at 1st Avenue and Gerlach Drive

Motion By: Michael Simulescu

Seconded By: Martin Tucker

Ayes: Fuller, Miller, Sherrer, Simulescu, Tucker

Nays: None

Abstain: None

- c. Consider Approval of Agreement Between City of Durant and Wall Engineering for Professional Services for Waste Water Treatment Plant Improvements Phase I and II (C-2024-01)

Motion To: Approve Agreement Between City of Durant and Wall Engineering for Professional Services for Waste Water Treatment Plant Improvements Phase I and II (C-2024-01)

Motion By: Lauran Fuller

Seconded By: Humphrey Miller

Ayes: Fuller, Miller, Sherrer, Simulescu, Tucker

Nays: None

Abstain: None

5. New Business

There was no new business.

ADJOURNMENT

Motion To: Adjourn Meeting

Motion By: Martin Tucker

Seconded By: Humphrey Miller

Ayes: Fuller, Miller, Sherrer, Simulescu, Tucker

Nays: None

Abstain: None



The City of Durant

Memorandum

Date: 2/13/2024
To: Mayor and City Council
From:
Re: Information Items

Council Information / Action Requested

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:



The City of Durant

Memorandum

Date: 2/13/2024
To: Mayor and City Council
From:
Re: Administration

Council Information / Action Requested

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:



The City of Durant

Memorandum

Date: 2/13/2024
To: Mayor and City Council
From: Phillip Hightower, Public Works Director
Re: Discussion, Consideration and Possible Action to Utilize Remaining OWRB Funding of \$1,938,474.14 and ARPA Funding of \$2,633,802.85 for a Total of \$4,572,276.99 to Use on Wastewater Collection Improvements

It was decided to do a survey of our sewer system with the ARPA Funding we received in 2021-22. We had Pipeline Analysis do this study and it is complete. The next phase of this was to do Wastewater Collection Improvements, starting with rehabbing manholes. .

Council Information / Action Requested

Approval to Utilize Remaining OWRB Funding of \$1,938,474.14 and ARPA Funding of \$2,633,802.85 a Total of \$4,572,276.99 to Use on Wastewater Collection Improvements

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

1. Sewer Inspection Full Report wo Photos or Maps (1)
2. Complete Durant Sewer Maps

Sanitary Sewer Condition Assessment and Infiltration/Inflow Reduction Program



June 2023



Sanitary Sewer Condition Assessment and Infiltration/Inflow Reduction Program



I certify that this report was prepared under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Oklahoma.



Mattie A. Engels

Mattie A. Engels, P.E.
License No. 25900

Pipeline Analysis LLC

June 2023





Table of Contents

I. Manhole Inspection Summary	1
II. Digital Photographs	3
III. Rehabilitation Recommendations	4
 Table 1	 Preliminary Rehabilitation Summary
	5
 Figure 1	 Study Area Map
Figure 2	Project Photograph Summary
	2
	3
 Appendix A	 Manhole Inventory Summary
	Area Photographs
	Internal Photographs
	Pipe Inventory Summary
	Pipe Photographs
 Appendix B	 Manhole Rehabilitation Descriptions
	Manhole Rehabilitation Summary
	Manhole Defect Photographs
 Appendix C	 Mainline Cleaning & CCTV Recommendations
	Mainline Cleaning to Restore Capacity Recommendations
 Rehabilitation Maps	

I. Manhole Inspection Summary

Pipeline Analysis, LLC contracted with the City of Durant to conduct manhole inspection for the wastewater collection system. The purpose of this project was to assist the City by inventorying critical manhole attributes and assess the associated condition of the manholes within the Durant wastewater collection system.

Manhole inspection was performed on all accessible manholes within the designated study area. Approximately 2,495 structures consisting of mainline cleanouts, manholes and end of line segments are within the collection system. Figure 1 presents wastewater collection system and the manholes inspected for the City of Durant. The following inspections were performed:

1. The casting/cone condition and manhole cover were evaluated for such items as vented covers that are in low ponding areas since casting/cone connection and covers are sources of inflow.
2. Manhole walls were checked for integrity and signs of root intrusion, deterioration of mortar joints, loose or missing bricks, signs of surcharge, etc.
3. The bench was checked for type and depth of debris, flow conditions thru the manhole and any signs of settlement that may impede the achievement of design flows.
4. Incoming and Outgoing lines in each manhole were compared to existing maps and corrections noted.
5. Inspection of each incoming and outgoing line to determine line conditions.
6. Any silt deposits that reduce flow capacity were noted and depth of silt recorded.

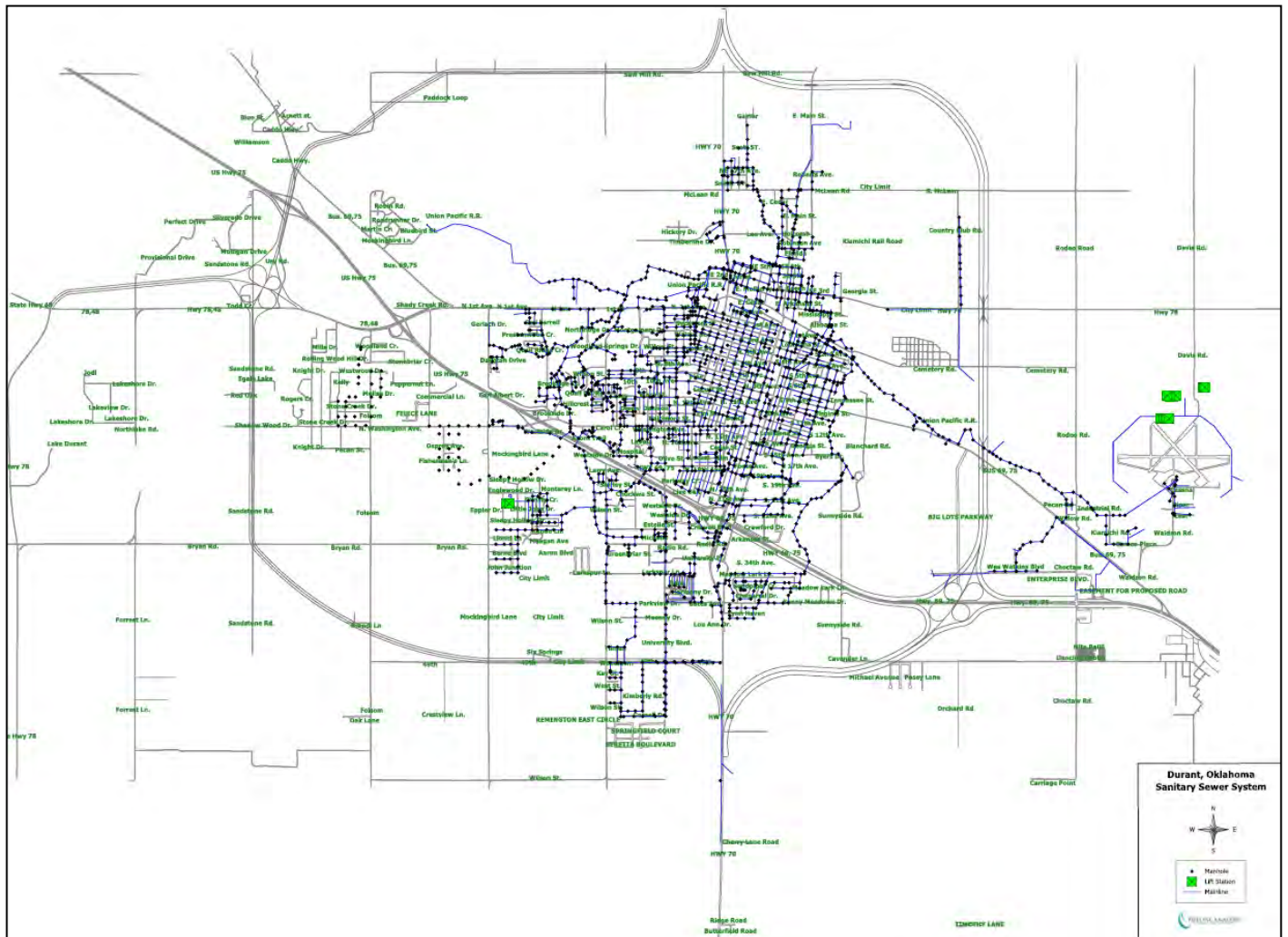


Manhole 12210 collapsed with exposed mains

Manhole inspections provide basic data including line size, depth from rim to invert, and pipeline cover (i.e., street, yard, easement, alley, etc.). Appendix A presents the summary inventory of manhole and pipe data collected during the manhole inspection phase of the work.

Defects associated with manholes were recorded and are included on the report flash drive attached to this report. Information for each defect is summarized and the corresponding digital photograph is referenced. Each defect identified during manhole inspection was reviewed and a rehabilitation method assigned. Rehabilitation recommendations for manholes are presented in Appendix B. **The total estimated cost identified by this project is \$5,608,261.**

Figure 1
Study Area Map



II. Digital Photographs

Digital photographs were taken during the testing and inspection phases of the project. Figure 2 presents a summary of the types of photographs taken and the nomenclature used when naming the digital files. Information that can be gathered from the photographs includes right of way condition, surface cover, manhole grade, etc.

Figure 2
Project Photograph Summary

- 1) Area Photo = Manhole ID, A, Photo No.

Example: 20770A0022.jpg

Manhole: 20770

A = Area Photo

Photo No. 0022

(Note: Photo taken in direction of outgoing pipe)



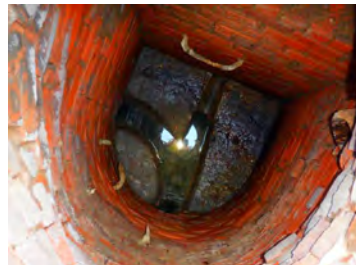
- 2) Internal Photo = Manhole ID, I, Photo No.

Example: 20770I0023.jpg

Manhole: 20770

I = Internal Photo

Photo No. 0023 (Note: North to top of photo.)



- 3) Manhole Defect Photo = Manhole ID, M, Photo No.

Example: 20770M0024.jpg

Manhole: 20770

M = Manhole Defect

Photo No. 0024



- 4) Pipe Photo = Manhole ID, P, Photo No.

Example: 20770P0028.jpg

Upstream Manhole: 20770

P = Pipe Photo

Photo No. 0028



III. Recommendations

Manhole rehabilitation recommendations include minor repairs or complete rehabilitation of the manhole, depending on the condition of the manhole. Minor repairs include installation of inflow reduction dish inserts, realigning or replacing the casting and sealing manhole walls. More substantial repairs include stopping I/I at the pipe seal, repairing the chimney and installation of spray-on liner.

Where manhole inspection identified sewer lines to be surcharged or with greater than 20% debris (based on depth of debris to pipe diameter), the line segment was recommended for cleaning to remove the debris and restore pipe capacity. Mainlines with defects visible during manhole inspection may be recommend for internal video inspection depending on the severity of the identified defect. Internal video inspection is used to determine the condition of the entire mainline.

The project staff have evaluated and provided preliminary recommendations concerning defects identified during manhole inspection. Table 1 presents a summary of the quantities and estimated cost for rehabilitation recommendations.



Manhole 24072 – Fiberglass manhole destroyed and full of debris



Table 1
Preliminary Rehabilitation Summary

Manhole Rehabilitation (Appendix B)	Quantity	Unit Cost	Total
Rehab 1001: Raise Manhole to Grade	20	\$ 1,400	\$ 28,000
Rehab 1002: Raise Manhole to Pavement Grade	26	\$ 2,250	\$ 58,500
Rehab 1010: Install Stainless Steel Manhole Insert	138	\$ 800	\$ 110,400
Rehab 1012: Install T-cone Stopper or Cleanout Cap	3	\$ 450	\$ 1,350
Rehab 1015: Install Chimney Seal	5	\$ 1,200	\$ 6,000
Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved	200	\$ 1,500	\$ 300,000
Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved	11	\$ 2,750	\$ 30,250
Rehab 1022: Replace Casting (Frame and Lid)	69	\$ 1,600	\$ 110,400
Rehab 1023: Replace Casting (Frame and Lid - Paved)	54	\$ 2,400	\$ 129,600
Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One	11	\$ 1,700	\$ 18,700
Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat	53995.8	\$ 45	\$ 2,429,810
Rehab 1043: Repair Manhole Wall Lift Holes	10	\$ 700	\$ 7,000
Rehab 1047: Seal Manhole Pipe Connection Seal Manhole Pipe Connection	44	\$ 1,300	\$ 57,200
Rehab 1055: Remove Steps, Stop I/I and Repair as Needed	9	\$ 300	\$ 2,700
Rehab 1110: Construct or Repair Manhole Bench and/or Trough	59	\$ 3,000	\$ 177,000
Rehab 1205: Repair Chimney and Seal	54	\$ 2,700	\$ 145,800
Rehab 1215: Construct or Reconstruct Chimney/Cone	1	\$ 5,000	\$ 5,000
Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$14,000 + \$700/vf > 6 feet	1	Varies	\$ 23,400
Rehab 1504: Replace Manhole (< 6-ft deep Unpaved)	2	\$ 18,000	\$ 36,000
Rehab 9998: Relocate Utility Bored through Manhole	2	\$ 30,000	\$ 60,000
Rehab 9999: Special Project for Bank Stabilization & Replacement of Manhole & Sewer Mains	2	Varies	\$ 400,000
Subtotal			\$ 4,137,110

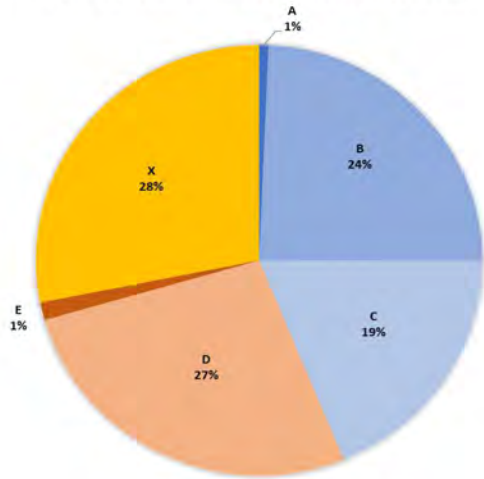
Mainline - Cleaning & CCTV (Appendix C)	Quantity (lf)	Unit Cost	Total
Cleaning & CCTV for Defects (Mains 6" - 12" in Diameter)	165,141	\$ 6.25	\$ 1,032,131
Cleaning & CCTV for Defects (Mains in 15" - 36" in Diameter)	13,947	\$ 9.75	\$ 135,983
Subtotal			\$ 1,168,115

Mainline - Cleaning to Restore Capacity (Appendix C)	Quantity (lf)	Unit Cost	Total
Clean Mainlines (Main 6" - 10" in Diameter)	70,059	\$ 3.75	\$ 262,721
Clean Mainlines (Mains 12" - 21" in Diameter)	8,959	\$ 4.50	\$ 40,316
Subtotal			\$ 303,037

Total Estimated Construction Cost	\$ 5,608,261
--	---------------------



AT A GLANCE: MANHOLE CONDITION RATINGS



Condition Assessment Rating	
Condition Classification	Definitions
A Very Good	Minor defects are mostly cosmetic in nature and do not impact system hydraulics nor contribute to significant infiltration/inflow. No active infiltration.
B Good	Manhole has no significant structural defects. Minor defects do not impact system hydraulics nor contribute to significant infiltration/inflow. No active infiltration. Minor defects may include slightly loose casting, minor corrosion of metal surfaces, minor deterioration of concrete mortar between bricks, minor cracks, etc.
C Fair	Manhole has no significant structural defects although minor defects were noted during inspection. System hydraulics are good and no significant infiltration/inflow sources noted. Light infiltration/inflow may be present. Nominal defects may include loose casting, nominal corrosion of metal surfaces, deterioration of concrete mortar between bricks or concrete walls, minor evidence of infiltration/inflow at precast joint sections, etc.
D Poor	Manhole has moderate structural defects that may include cracks, loose bricks, separated casting, moderate root intrusion, broken cover and defects that may impact system hydraulics due to structural issues or contribute to significant infiltration/inflow. Some visible staining due to infiltration/inflow may be present. Active infiltration may have been observed. Moderate to severe defects may include loose casting, moderate to severe corrosion of metal surfaces, deterioration of concrete mortar between bricks, moderate to severe deterioration of precast wall sections and precast joint defects, etc. Manhole inspection was completed and the manhole will be addressed in the remediation plan.
E Very Poor	Manhole may have severe structural defects that may include potential for structural failure, missing bricks, separated/broken casting, severe root intrusion, broken/missing cover and defects that may impact system hydraulics or contribute to significant infiltration/inflow. Visible staining due to infiltration/inflow may be present. Active infiltration may have been observed. Severe defects may include separated/broken casting/cover, severe corrosion of metal surfaces, missing mortar between bricks, etc. Manhole inspection was completed and the manhole will be addressed in the remediation plan or immediate repair may be warranted based on condition.
X Incomplete Data	Additional information required to establish asset condition. The asset may not exist, is a end of line segment, or could not be inspected due to being buried, no access, could not open, etc. CCTV results will be used to confirm if the asset exists when possible. Buried and could not open manholes are being raised to grade and/or casting replaced to facilitate inspection. No other remedial measures at this time. X-CNL (Could Not Locate) - Possibility Manhole Does Not Exist X-CNO (Could Not Open) - Replace Casting and Inspect - Added to Manhole Rehab Appendix B X-Buried - Raise to Grade and Inspect - Added to Manhole Rehab Appendix B X-Access - End of Line Segments

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
1	11841	Manhole	D	Yes	3301 N. 1ST AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	16	36	Brick		11841A0001.jpg	11841I0002.jpg	C04	34.0209	-96.3749			1	FIRST STREET APARTMENTS. DS IS ESTIMATE.	
1	11851	Manhole	B	Yes	3012 PRESTONWOOD CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.42	11851A0011.jpg	11851I0012.jpg	C04	34.0216	-96.3751			1		
1	12121	Manhole	D	Yes	515 GAIL FARRELL DR.	Vented	5	No	Light	Trees/Woods	Unpaved	Above Grade	2	40	Brick	8.64	12121A0063.jpg	12121I0064.jpg	C04	34.0289	-96.3806			4		
1	12221	Manhole	D	Yes	123 WILSON ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	1	Std 48 Round	Concrete	6.92	12221A0023.jpg	12221I0024.jpg	C04	34.0117	-96.3763			2	WOOD MANOR APARTMENTS.	
1	12222	Manhole	E	Yes	123 WILSON ST.	Solid		No	Severe	Trees/Woods	Unpaved	Below Grade	2	Std 48 Round	Concrete	9.35	12222A0012.jpg	12222I0013.jpg	C04	34.0117	-96.3762			4	EVIDENCE OF SURCHARGE. WOOD MANOR APARTMENTS.	
1	12821	EOLS	X-Access	No Access	4819 WOODLAWN ST.					Road Shoulder	Unpaved						No Photo	No Photo	C02						METAL DETECTED	
1	13211	EOLS	X-Access	No Access	2001 RADIO RD					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	NA							
1	14244	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.76	14244A0007.jpg	14244I0008.jpg	G03	33.956	-96.4014			1	32" LID.	
1	14245	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Drainage Ditch	Unpaved	Above Grade	2	Std 48 Round	Concrete	6.04	14245A0013.jpg	14245I0014.jpg	G03	33.956	-96.402			2	DS IS ESTIMATE.	
1	14246	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	6.22	14246A0019.jpg	14246I0020.jpg	G03	33.956	-96.4031			1	32" LID. DS IS ESTIMATE.	
1	15020	Manhole	X-Buried	Buried	1727 N. WASHINGTON AVE.					Street	Paved - Asphalt						15020A0058.jpg	No Photo	C03	34.0105	-96.3904					
1	15030	Manhole	D	Yes	1715 N WASHINGTON AVE.	Solid		No	Light	Sidewalk	Paved - Asphalt	At Grade		36	Brick	9.39	15030A0039.jpg	15030I0040.jpg	C03	34.0099	-96.3904			2		
1	15031	EOLS	X-Access	No Access	1309 CAROL CIR.					Street	Paved	Below Grade					No Photo	No Photo	C03							
1	15040	Manhole	E	Yes	1715 N WASHINGTON AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	9.66	15040A0048.jpg	15040I0049.jpg	C03	34.0098	-96.3904			0	MORE DEFECTS VISIBLE.	
1	15050	Manhole	D	Yes	1600 N. WASHINGTON AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	8.52	15050A0001.jpg	15050I0002.jpg	C03	34.0085	-96.3904			2		
1	15060	Manhole	X-CNL	CNL	1408 CHUCKWA DR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED. DS IS ESTIMATE. PIPE #2 UNVERIFIED.
1	15070	Manhole	X-CNL	CNL	1408 LAVOLA ST.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED.
1	15080	Manhole	D	Yes	1508 WAHINGTON AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7	15080A0012.jpg	15080I0013.jpg	C03	34.008	-96.3904			1		
1	15090	Manhole	X-CNL	CNL	1414 LAVOLA ST.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED. DS IS ESTIMATE.
1	15100	Manhole	D	Yes	1419 LAVOLA ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Below Grade	1	24	Brick	2.06	15100A0002.jpg	15100I0003.jpg	NA	34.0077	-96.3922			3		
1	15110	Manhole	C	Yes	1401 WASHINGTON AVE.	Vented	2	No	Moderate	Gutter	Paved - Concrete	At Grade		Std 48 Round	Brick	4.5	15110A0023.jpg	15110I0024.jpg	C03	34.0077	-96.3904			4		
1	15120	Manhole	B	Yes	1414 WACO ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	3.28	15120A0046.jpg	15120I0047.jpg	D03	34.0071	-96.3905			1	CHIMNEY IS BRICK.	
1	15130	Manhole	B	Yes	1418 WACO ST.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.04	15130A0040.jpg	15130I0041.jpg	D03	34.0071	-96.3916			1		
1	15140	Manhole	X-CNL	CNL	1425 WACO ST.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
1	15150	Manhole	D	Yes	1305 WASHINGTON AVE.	Vented	2	Yes	Light	Parking Lot	Paved - Asphalt	At Grade		36	Brick	3.52	15150A0048.jpg	15150I0049.jpg	D03	34.0065	-96.3905			4		
1	15151	EOLS	X-Access	No Access	1305 WASHINGTON AVE.					Parking Lot	Paved						No Photo	No Photo	D03							
1	15550	Manhole	D	Yes	1306 4 SEASONS DR.	Solid		No	Light	Yard	Unpaved	Above Grade	19	Std 48 Round	Concrete	6.22	15550A0005.jpg	15550I0006.jpg	C03	34.0112	-96.3898			1	MORE DEFECTS VISIBLE. DS UNVERIFIED DUE TO 15560 BEING CNL	
1	15560	Manhole	X-CNL	CNL	1230 FOUR SEASONS DR.					Field	Unpaved						No Photo	No Photo	C03							METAL DETECTED.
1	15561	Cleanout	C	Yes	1220 4 SEASONS DR.	Solid		No	None	Yard	Unpaved	Above Grade	11	CO 8"	Other	3.24	15561A0001.jpg	15561I0002.jpg	C03	34.0112	-96.3885		PVC	0	MAINLINE CLEANOUT	
1	15570	Manhole	D	Yes	1729 ASBERRY ST	Vented	2	Yes	None	Yard	Unpaved	Below Grade	1	Std 48 Round	Brick	6.37	15570A0030.jpg	15570I0031.jpg	C03	34.0103	-96.3882			1	NO PIPE @12 OCLOCK.	
1	15580	Manhole	X-CNO	CNO	1204 ALMA DR.	Vented	1			Yard	Unpaved	Above Grade	2				15580A0037.jpg	No Photo	C03	34.0103	-96.3868				FENCE OVER MANHOLE.	
1	15590	Manhole	D	Yes	1717 CEDAR RIDGE CIR.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.3	15590A0030.jpg	15590I0031.jpg	C03	34.0099	-96.3888			2	DS IS ESTIMATE.	
1	15600	Manhole	X-CNL	CNL	1717 CEDAR RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED.
1	15610	Manhole	D	Yes	1305 4SEASONS DR.	Solid		No	Light	Yard	Unpaved	At Grade	10	Std 48 Round	Concrete	5.16	15610A0022.jpg	15610I0023.jpg	C03	34.0104	-96.3895			1		
1	15620	Manhole	X-CNL	CNL	1711 CEDAR RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED. DS IS ESTIMATE.
1	15630	Manhole	X-CNL	CNL	1708 CEDAR RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED MULTIPLE YARDS. DS IS ESTIMATE.
1	15640	Manhole	X-CNL	CNL	1703 CEDAR RIDGE CIR.					Road Shoulder	Unpaved						No Photo	No Photo	C03							
1	15650	Manhole	X-CNL	CNL	1702 CEDAR RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED MULTIPLE YARDS. DS IS ESTIMATE.
1	15660	Manhole	C	Yes	1701 ASBERRY ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.22	15660A0001.jpg	15660I0002.jpg	C03	34.0085	-96.3879			2		
1	15661	EOLS	X-Access	No Access	1701 ASBERRY ST.					Street	Paved	Below Grade					No Photo	No Photo	C03							
1	15670	Manhole	D	Yes	1701 WORLEY DR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	7	36	Brick	8.4	15670A0041.jpg	15670I0042.jpg	C03	34.0088	-96.3873			1		
1	15680	Manhole	X-CNL	CNL	1721 WORLEY DR.					Yard	Unpaved						No Photo	No Photo	C03							MAYBE UNDER SHED
1	15690	Manhole	D	Yes	1721 WORLEY DR.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	7.6	15690A0019.jpg	15690I0020.jpg	C03	34.0097	-96.3868			2		
1	15700	Manhole	C	Yes	1720 WORLEY DR.	Vented	2	No	Moderate	Yard	Unpaved	Below Grade	1	Std 48 Round	Sealed Brick	6.26	15700A0038.jpg	15700I0039.jpg	C03	34.0097	-96.3864			3		
1	15710	Manhole	C	Yes	1200 ALMA DR.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	3	36	Sealed Brick	3.5	15710A0029.jpg	15710I0030.jpg	C03	34.01	-96.3864			2		
1	15720	Manhole	B	Yes	1701 LACY DR	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.22	15720A0046.jpg	15720I0047.jpg	C03	34.0085	-96.3861			2		
1	15721	Manhole	C	Yes	1701 WORLEY DR	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.7	15721A0011.jpg	15721I0012.jpg	C03	34.0085	-96.3871			3		
1	15723	Manhole	D	Yes	1102 CHUCKWA DR.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	4.3	15723A0056.jpg	15723I0057.jpg	C03	34.0085	-96.3848			2		
1	15724	EOLS	X-Access	No Access	1116 LACEY DR.					Street	Paved	Below Grade					No Photo	No Photo	C03							
1	15840	Manhole	B	Yes	1637 N.9TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Concrete	6.5	15840A0048.jpg	15840I0049.jpg	C04	34.0108	-96.3821			1		
1	15870	Manhole	D	Yes	909 CHUCKWA ST.	Solid		Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.8	15870A0024.jpg	15870I0025.jpg	C04	34.0086	-96.3827			1		
1	15871	EOLS	X-Access	No Access	909 CHUCKWA ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03							
1	15872	EOLS	X-Access	No Access	1608 N. 10TH ST.					Yard	Unpaved						No Photo	No Photo	C04							
1	15880	Manhole	C	Yes	1601 N. 9TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.46	15880A0065.jpg	15880I0066.jpg	C04	34.0086	-96.3822			2		
1	15881	Manhole	B	Yes	1601 N. 9TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.04	15881A0058.jpg	15881I0059.jpg	C04	34.0086	-96.3821			1		
1	15890	Manhole	B	Yes	1624 N.9TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	23	Std 48 Round	Concrete	1										

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
1	15900	Manhole	D	Yes	1401 N. 9TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.12	15900A0097.jpg	15900I0098.jpg	D04	34.0067	-96.3822			3	
1	15910	Manhole	D	Yes	1316 N. 9TH AVE.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	4.72	15910A0107.jpg	15910I0108.jpg	D04	34.0058	-96.3825			1	
1	15911	Manhole	B	Yes	814 WACO ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.02	15911A0116.jpg	15911I0117.jpg	D04	34.0058	-96.3817			2	
1	15920	Manhole	D	Yes	1316 N. 9TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.22	15920A0122.jpg	15920I0123.jpg	D04	34.0057	-96.3827			2	
1	15921	Manhole	C	Yes	811 UNIVERSITY BLVD.	Solid		No	Severe	Drainage Ditch	Unpaved	Above Grade	8	36	Brick	6.22	15921A0039.jpg	15921I0040.jpg	D04	34.0049	-96.3826			4	NO DIAMETER PIC. SMALL HOLE THRU TOP OF PIPE.
1	15930	Manhole	D	Yes	1502 N. 10TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.92	15930A0026.jpg	15930I0027.jpg	D03	34.0062	-96.3832			5	PIPE SIZES VERIFIED
1	15931	Manhole	D	Yes	1120 WACO ST.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	2.82	15931A0005.jpg	15931I0006.jpg	D03	34.0063	-96.3855			3	
1	15932	Manhole	C	Yes	1508 N. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.46	15932A0001.jpg	15932I0002.jpg	D03	34.0069	-96.3833			1	
1	15933	EOLS	X-Access	No Access	1522 N. 10TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
1	15934	EOLS	X-Access	No Access	1118 WACO ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED.
1	15940	Manhole	D	Yes	1247 DIXON ST.	Vented	2	Yes	Light	Alley	Unpaved	At Grade		36	Brick	4.46	15940A0036.jpg	15940I0037.jpg	C03	34.0075	-96.3882			3	
1	15950	Manhole	C	Yes	1020 HILL ST.	Vented	1	No	Moderate	Road Shoulder	Unpaved	At Grade		30	Brick	5.28	15950A0001.jpg	15950I0002.jpg	D03	34.0058	-96.3841			4	
1	15951	Manhole	D	Yes	1028 HILL ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	At Grade	4	30	Brick	3.68	15951A0018.jpg	15951I0019.jpg	D03	34.0058	-96.3847			1	3 INCH IRON PIPE RUNNING THRU MH.
1	15952	EOLS	X-Access	No Access	1120 HILL ST.					Road Shoulder	Unpaved						No Photo	No Photo	D03						METAL DETECTED
1	15960	Manhole	C	Yes	1021 HILL ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Below Grade	1	30	Brick	4.26	15960A0010.jpg	15960I0011.jpg	D03	34.0053	-96.3841			3	
1	15970	Manhole	X-CNL	CNL	1119 HILL ST.					Road Shoulder	Unpaved						No Photo	No Photo	D03						METAL DETECTED
1	15980	Manhole	D	Yes	1119 HILL ST.	Vented	2	No	None	Road Shoulder	Unpaved	Above Grade	2	36	Brick	6.22	15980A0028.jpg	15980I0029.jpg	D03	34.0055	-96.3861			3	
1	15981	Manhole	D	Yes	1502 N. 12TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.6	15981A0018.jpg	15981I0019.jpg	D03	34.0065	-96.3861			3	NO DIAMETER PIC.
1	15982	Manhole	C	Yes	1125 OAK RIDGE DR.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Sealed Brick	5.6	15982A0106.jpg	15982I0107.jpg	D03	34.0067	-96.3861			2	
1	15983	Manhole	C	Yes	1520 N. 12TH AVE.	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.92	15983A0116.jpg	15983I0117.jpg	C03	34.0075	-96.3861			3	JET HOSE IN PIPE FROM EAST
1	15984	EOLS	X-Access	No Access	1125 OAK RIDGE DR.					Trees/Woods	Unpaved						No Photo	No Photo	D03						METAL DETECTED
1	15985	Manhole	D	Yes	1516 N. 12TH AVE.	Vented	2	No	Moderate	Yard	Unpaved	Below Grade	5	Std 48 Round	Brick	7.8	15985A0001.jpg	15985I0002.jpg	C03	34.0075	-96.3854			3	JET HOSE STUCK IN PIPE 2.
1	15986	Manhole	D	Yes	1100 OAK RIDGE DR.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	5	36	Brick	5.42	15986A0030.jpg	15986I0031.jpg	C03	34.0081	-96.3844			2	
1	15987	Manhole	X-CNL	CNL	1522 N. 12TH AVE.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED
1	15988	EOLS	X-Access	No Access	1119 OAK RIDGE DR.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED
1	15990	Manhole	C	Yes	1308 GRAND AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	6.88	15990A0058.jpg	15990I0059.jpg	D03	34.0055	-96.3885			1	
1	15991	Manhole	C	Yes	1219 DENISON ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	12.28	15991A0066.jpg	15991I0067.jpg	D03	34.0055	-96.3873			4	
1	16000	Manhole	D	Yes	1323 DENISON ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	4.7	16000A0108.jpg	16000I0109.jpg	D03	34.0055	-96.3897			3	
1	16010	Manhole	C	Yes	1318 DENISON ST.	Solid		No	Moderate	Alley	Paved - Asphalt	Below Grade	1	36	Brick	5.9	16010A0001.jpg	16010I0002.jpg	D03	34.0065	-96.3894			2	
1	16020	Manhole	C	Yes	1220 DENISON ST.	Vented	2	Yes	Light	Alley	Unpaved	Below Grade	2	36	Brick	5.38	16020A0010.jpg	16020I0011.jpg	D03	34.0065	-96.3872			2	
1	16030	Manhole	B	Yes	1004 UNIVERSITY BLVD.	Solid		No	Light	Street	Paved - Asphalt	At Grade		24	Other	2.7	16030A0101.jpg	16030I0102.jpg	D03	34.005	-96.3832		METAL	2	
1	16031	EOLS	X-Access	No Access	1024 UNIVERSITY BLVD.					Yard	Unpaved	Below Grade					No Photo	No Photo	D03						METAL DETECTED NO ASSETS FOUND.
1	16040	Manhole	X-CNL	CNL	1325 DENISON ST.					Street	Paved - Asphalt	Below Grade					No Photo	No Photo	D03						METAL DETECTED. POSSIBLE SUMMIT MH.
1	16050	Manhole	D	Yes	1125 BALTIMORE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		30	Sealed Brick	7.24	16050A0075.jpg	16050I0076.jpg	D03	34.0043	-96.3885			3	
1	16051	EOLS	X-Access	No Access	1420 BALTIMORE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
1	16060	Manhole	C	Yes	1302 BALTIMORE ST.	Vented	2	Yes	None	Street	Paved - Asphalt	Above Grade	1	30	Sealed Brick	6.78	16060A0068.jpg	16060I0069.jpg	D03	34.0043	-96.3873			2	
1	16061	EOLS	X-Access	No Access	1223 BALTIMORE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
1	16070	Manhole	D	Yes	1102 GRAND AVE.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	8.88	16070A0085.jpg	16070I0086.jpg	D03	34.0034	-96.3885			1	
1	16071	Manhole	C	Yes	1225 HOUSTON ST.	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		36	Sealed Brick	6.16	16071A0059.jpg	16071I0060.jpg	D03	34.0033	-96.3873			2	PIPE DEPTHS VERIFIED.
1	16072	EOLS	X-Access	No Access	1225 HOUSTON ST.					Street	Paved						No Photo	No Photo	D03						
1	16080	Manhole	C	Yes	1020 GRANT AVE.	Vented	16	Yes	None	Street	Paved - Asphalt	At Grade		36	Sealed Brick	6.38	16080A0048.jpg	16080I0049.jpg	D03	34.0034	-96.3897			2	
1	16081	Manhole	C	Yes	1421 BALTIMORE ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		30	Sealed Brick	5.68	16081A0094.jpg	16081I0095.jpg	D03	34.0043	-96.3897			1	
1	16082	EOLS	X-Access	No Access	1421 BALTIMORE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
1	16083	Manhole	B	Yes	1423 UNIVERSITY BLVD.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	5.56	16083A0102.jpg	16083I0103.jpg	D03	34.0047	-96.3897			0	
1	16090	Manhole	C	Yes	1024 N. 12TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	5.52	16090A0022.jpg	16090I0023.jpg	D03	34.0033	-96.3861			2	EVIDENCE OF SURCHARGE.
1	16100	Manhole	D	Yes	1024 N. 12TH. AVE.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	12.88	16100A0043.jpg	16100I0044.jpg	D03	34.0035	-96.3861			1	
1	16101	Manhole	B	Yes	1124 N. 12TH. AVE.	Vented	8	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	11.48	16101A0037.jpg	16101I0038.jpg	D03	34.0042	-96.3861			4	
1	16110	Manhole	C	Yes	1106 W. WILLOW ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.98	16110A0053.jpg	16110I0054.jpg	D03	34.0035	-96.3851			1	
1	16111	Manhole	B	Yes	1106 W. WILLOW ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	5.54	16111A0061.jpg	16111I0062.jpg	D03	34.0035	-96.3849			0	
1	16112	Manhole	B	Yes	1031 N. 11TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	11.68	16112A0078.jpg	16112I0079.jpg	D03	34.003	-96.3849			2	
1	16113	Manhole	B	Yes	1031 N. 11TH AVE.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	12.5	16113A0064.jpg	16113I0065.jpg	D03	34.003	-96.3852			2	
1	16114	Manhole	X-CNO	CNO	1021 N. 11TH AVE.	Solid				Street	Paved - Asphalt	Above Grade	1				16114A0070.jpg	No Photo	D03	34.0024	-96.3852				
1	16115	Manhole	X-CNO	CNO	1019 N. 11TH AVE.	Solid				Yard	Unpaved	Below Grade	2				16115A0033.jpg	No Photo	D03	34.0022	-96.3852				
1	16120	Manhole	C	Yes	1004 W. WILLOW ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	9.46	16120A0067.jpg	16120I0068.jpg	D03	34.0035	-96.3838			1	
1	16130	Manhole	D	Yes	911 N. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.4	16130A0018.jpg	16130I0019.jpg	D03	34.002	-96.3838			1	
1	16131	Manhole	C	Yes	912 N. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	6.8	16131A0027.jpg	16131I0028.jpg	D03	34.0018	-96.3838			1	
1	16132	EOLS	X-Access	No Access	902 N. 10TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
1	16140	Manhole	D	Yes	918 N. 12TH AVE.	Vented	2	Yes	Light	Yard	Unpaved	Above Grade	3	36	Brick	5.64	16140A0010.jpg	16140I0011.jpg	D03	34.002	-96.3856			2	
1	16150	Manhole	X-CNL	CNL	904 N. 12TH AVE.					Yard	Unpaved						No Photo	No Photo	D03						METAL DETECTED.
1	16260	Manhole	C	Yes	1002 WILLOW ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.7	16260A0083.jpg	16260I0084.jpg	D03	34.0035	-96.3832			2	UPPER CHIMNEY, SEALED
1	16270	Manhole	D	Yes	1118 N. 10TH AVE.	Vented	1	No	Moderate	Driveway	Paved - Concrete	At Grade		30	Brick	3	16270A0092.jpg	16270I0093.jpg	D03	34.0043	-96.3832			1	
1	16271	EOLS	X-Access	No Access	1104 BALTIMORE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED.
1	16272	EOLS	X-Access	No Access	1228 N. 10TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
1	16620	Cleanout	C	Yes	1506 N. 7TH AVE.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		8	Other	2.52	16620A0021.jpg	No Photo	C04	34.0092	-96.3794		PVC	1	MAIN LINE CLEANOUT WAS UNDER CAR TIRE.
1	16790	Manhole	X-CNO	CNO	1405 N. 4TH AVE.	Solid				Yard	Unpaved	Below Grade	1				16790A0108.jpg	No Photo	D04	34.0062	-96.3766				HAMMERED AND SPRAYED
1	16800	Manhole	X-CNO	CNO	1405 N. 4TH AVE.	Vented	2		Light	Sidewalk	Paved - Concrete	At Grade					16800A0106.jpg	No Photo	D04	34.0059	-96.3769				HAMMERED AND SPRAYED.
1	16810	Manhole	C	Yes	1704 N. 4TH AVE.	Vented	2	No	Light	Sidewalk	Paved - Concrete	At Grade		32	Brick	4.5	16810A0097.jpg	16810I0098.jpg	D04	34.0056	-96.3764			2	PIPE SIZES VERIFIED.
1	16820	Manhole	D	Yes	301 UNIVERSITY BLVD.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.58	16820A0079.jpg	16820I0080.jpg	D04	34.0051	-96.3764			2	
1	16821	Manhole	D	Yes	1704 N. 4TH AVE.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	2	36	Brick	9.8	16821A0088.jpg	16821I0089.jpg	D04	34.0053	-96.3764			2	
1	16830	Manhole	D	Yes	301 UNIVERSITY BLVD.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	7.14	16830A0067.jpg	16830I0068.jpg	D04	34.005	-96.3763			2	
1	16831	EOLS	X-Access	No Access	1405 N. 4TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	16832	EOLS	X-Access	No Access	1328 N. 4TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	16840	Manhole	D	Yes	301 UNIVERSITY BLVD.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.23	16840A0046.jpg	16840I0047.jpg	D04	34.005	-96.3751			1	
1	16841	Manhole	C	Yes	301 UNIVERSITY BLVD.	Vented	1	No	Light	Sidewalk	Paved - Concrete	At Grade		36	Brick	7.82	16841A0057.jpg	16841I0058.jpg	D04	34.0051	-96.3751			2	
1	16842	EOLS	X-Access	No Access	1409 N. 3RD AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	16850	Manhole	C	Yes	1405 N. 4TH AVE.	Vented	4	No	Light	Driveway	Paved - Asphalt	At Grade		32	Brick	3.26	16850A0001.jpg	16850I0002.jpg	D04	34.0054	-96.3754			2	
1	16860	Manhole	C	Yes	425 UNIVERSITY BLVD.	Vented	1	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	5.84	16860A0030.jpg	16860I0031.jpg	D04	34.005	-96.3741			3	
1	16861	Manhole	X-CNO	CNO	1402 N. 2ND AVE.	Vented	2		Moderate	Street	Paved - Asphalt	At Grade					16861A0040.jpg	No Photo	D04	34.0039	-96.3741				SPRAYED AND HAMMERED.
1	16862	Manhole	B	Yes	1402 N. 2ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.38	16862A0041.jpg	16862I0042.jpg	D04	34.0035	-96.374			1	
1	16863	EOLS	X-Access	No Access	1402 N. 2ND AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	16870	Manhole	D	Yes	1502 N. 1ST AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.44	16870A0019.jpg	16870I0020.jpg	D04	34.005	-96.3731			1	
1	16880	Manhole	X-CNL	CNL	1405 N. 4TH AVE.					Road Shoulder	Unpaved						No Photo	No Photo	D04						METAL DETECTED
1	16890	Manhole	X-CNL	CNL	1405 N. 4TH AVE.					Road Shoulder	Unpaved						No Photo	No Photo	D04						METAL DETECTED
1	16900	Manhole	D	Yes	1502 N. 1ST AVE.	Vented	1	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7.65	16900A0001.jpg	16900I0002.jpg	D04	34.005	-96.3729			2	
1	16910	Manhole	D	Yes	1502 N. 1ST AVE.	Vented	2	Yes	Light	Driveway	Paved - Asphalt	At Grade		36	Brick	4.09	16910A0010.jpg	16910I0011.jpg	D04	34.005	-96.3728			2	
1	16920	Manhole	X-CNL	CNL	1614 N. 1ST AVE.					Road Shoulder	Unpaved						No Photo	No Photo	D04						
1	16930	Manhole	X-CNL	CNL	2224 N. 1ST AVE.					Trees/Woods	Unpaved						No Photo	No Photo	C04						
1	16940	Manhole	D	Yes	811 W. UNIVERSITY BLVD.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.92	16940A0001.jpg	16940I0002.jpg	D04	34.0049	-96.3819			5	
1	16950	Manhole	D	Yes	912 W. WILLOW ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.28	16950A0116.jpg	16950I0117.jpg	D04	34.0035	-96.3825			3	
1	16960	Manhole	X-Buried	Buried	802 W. WALNUT ST.					Yard	Unpaved	Below Grade	5				16960A0001.jpg	No Photo	D04	34.0027	-96.381				METAL DETECTED.
1	16970	Manhole	D	Yes	1210 N. 6TH AVE.	Vented	1	Yes	None	Sidewalk	Paved - Concrete	At Grade		Std 48 Round	Brick	7.66	16970A0044.jpg	16970I0045.jpg	D04	34.0026	-96.3801			1	EVIDENCE OF SURCHARGE.
1	16972	Manhole	C	Yes	806 WILLOW ST.	Vented	1	No	Light	Road Shoulder	Unpaved	Below Grade	2	32	Brick	6.94	16972A0020.jpg	16972I0021.jpg	D04	34.0034	-96.3818			0	EVIDENCE OF SURCHARGE. SEALED AT BOTTOM OF WALL.
1	16980	Manhole	C	Yes	1210 N. 6TH AVE.	Solid		No	Light	Driveway	Paved - Asphalt	At Grade		24	Brick	3.26	16980A0062.jpg	16980I0063.jpg	D04	34.0025	-96.3801			2	
1	16981	Manhole	C	Yes	1210 N. 6TH AVE.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Brick	8.66	16981A0071.jpg	16981I0072.jpg	D04	34.0025	-96.3804			0	
1	16982	EOLS	X-Access	No Access	1210 N. 6TH AVE.					Parking Lot	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	16990	Manhole	D	Yes	1210 N. 6TH AVE.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Brick	9.02	16990A0052.jpg	16990I0053.jpg	D04	34.0025	-96.3801			3	
1	17000	Manhole	D	Yes	1110 N. 7TH AVE.	Vented	1	No	Severe	Road Shoulder	Unpaved	Below Grade	3	36	Brick	8.1	17000A0028.jpg	17000I0029.jpg	D04	34.0025	-96.3795			2	WALL IS PARTIAL SEALED
1	17010	Manhole	D	Yes	1115 N. 6TH AVE.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Brick	9.26	17010A0036.jpg	17010I0037.jpg	D04	34.0019	-96.379			0	
1	17020	Manhole	D	Yes	1115 N. 6TH AVE.	Vented	1	No	Light	Yard	Unpaved	Above Grade	6	36	Brick	8.36	17020A0048.jpg	17020I0049.jpg	D04	34.0018	-96.3782			1	EVIDENCE OF OVERFLOW TO CREEK. WALL IS PARTIALY SEALED.
1	17030	Manhole	X-CNL	CNL	1005 N. 5TH AVE.					Trees/Woods	Unpaved						No Photo	No Photo	D04						METAL DETECTED
1	17040	Manhole	D	Yes	1005 N. 5TH AVE.	Solid		Yes	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Brick	10.7	17040A0010.jpg	17040I0011.jpg	D04	34.0012	-96.3777			0	PIPE DEPTHS VERIFIED
1	17050	Manhole	C	Yes	1005 N. 5TH AVE.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Brick	11.16	17050A0001.jpg	17050I0002.jpg	D04	34.0012	-96.3775			1	
1	17060	Manhole	D	Yes	1013 N. 5TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	Below Grade	1	36	Brick	6.5	17060A0052.jpg	17060I0053.jpg	D04	34.0012	-96.3776			3	EVIDENCE OF SURCHARGE
1	17070	Manhole	D	Yes	1021 N. 4TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	15	36	Brick	4.6	17070A0043.jpg	17070I0044.jpg	D04	34.0011	-96.3764			2	EVIDENCE OF OVERFLOW TO CREEK
1	17080	Manhole	D	Yes	1021 N. 4TH AVE.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Below Grade	2	36	Brick	8.52	17080A0026.jpg	17080I0027.jpg	D04	34.0012	-96.3763			2	EVIDENCE OF SURCHARGE
1	17090	Manhole	D	Yes	1117 N. 3RD AVE.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Below Grade	4	Std 48 Round	Brick	7.52	17090A0082.jpg	17090I0083.jpg	D04	34.0014	-96.3752			1	
1	17100	Manhole	C	Yes	1027 N. 3RD AVE.	Solid		Yes	None	Road Shoulder	Unpaved	Below Grade	3	Std 48 Round	Brick	7.28	17100A0075.jpg	17100I0076.jpg	D04	34.0011	-96.3752			1	
1	17110	Manhole	B	Yes	208 W SYCAMORE ST.	Solid		No	None	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	5.9	17110A0009.jpg	17110I0010.jpg	D04	34.0008	-96.374			1	
1	17120	Manhole	D	Yes	1100 N. 1ST AVE.	Vented	1	No	Light	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	10.58	17120A0025.jpg	17120I0026.jpg	D04	34.0006	-96.3731			0	
1	17121	Manhole	D	Yes	1102 N. 1ST AVE.	Vented	1	No	Moderate	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	11.2	17121A0020.jpg	17121I0021.jpg	D04	34.0006	-96.3728			1	
1	17130	Manhole	C	Yes	1210 N. 1ST AVE.	Vented	2	No	None	Driveway	Paved - Concrete	At Grade		Std 48 Round	Brick	6.46	17130A0053.jpg	17130I0054.jpg	D04	34.0012	-96.3729			1	
1	17131	Manhole	D	Yes	1111 N. 1ST AVE.	Vented	1	No	Moderate	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Brick	6.1	17131A0001.jpg	17131I0002.jpg	D04	34.0012	-96.3729			1	
1	17140	Manhole	C	Yes	1298 N. 1ST AVE.	Vented	2	Yes	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Brick	10.38	17140A0061.jpg	17140I0062.jpg	D04	34.0023	-96.3728			3	
1	17150	Manhole	D	Yes	912 W. WILLOW ST.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Brick	8.4	17150A0097.jpg	17150I0098.jpg	D04	34.0034	-96.3825			0	EVIDENCE OF SURCHARGE.
1	17151	Manhole	D	Yes	912 W. WILLOW ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.1	17151A0108.jpg	17151I0109.jpg	D04	34.0035	-96.3825			3	
1	17160	Manhole	D	Yes	1301 N. 7TH AVE.	Vented	2	Yes	None	Road Shoulder	Unpaved	Above Grade	8	Std 48 Round	Brick	8.9	17160A0034.jpg	17160I0035.jpg	D04	34.0034	-96.3802			3	
1	17170	Manhole	C	Yes	1115 N. 6TH AVE.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	3.56	17170A0001.jpg	17170I0002.jpg	D04	34.0025	-96.3788			2	
1	17180	Manhole	D	Yes	720 W. WILLOW ST.	Vented	2	Yes	None	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Brick	6.32	17180A0080.jpg	17180I0081.jpg	D04	34.0034	-96.3807			1	
1	17181	Manhole	C	Yes	802 W. WILLOW ST.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Brick	8.7	17181A0089.jpg	17181I0090.jpg	D04	34.0034	-96.3813			2	
1	17182	Manhole	D	Yes	806 WILLOW ST.	Solid		No	Severe	Gutter	Paved - Concrete	At Grade		30	Brick	3.3	17182A0012.jpg	17182I0013.jpg	D04	34.0035	-96.3819			1	PIPE DEPTHS VERIFIED
1	17190	Manhole	D	Yes	1223 N. 6TH AVE.	Vented	1	No	Moderate	Street	Paved - Concrete	At Grade		Std 48 Round	Brick	8.3	17190A0017.jpg	17190I0018.jpg	D04	34.0035	-96.3794			2	
1	17191	EOLS	X-Access	No Access	720 W. WILLOW ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17200	Manhole	C	Yes	1331 N. 6TH AVE.	Vented	2	No	Moderate	Alley	Unpaved	At Grade		36	Brick	5.72	17200A0011.jpg	17200I0012.jpg	D04	34.0046	-96.3794			2	
1	17201	EOLS	X-Access	No Access	1324 N. 7TH AVE.					Yard	Unpaved	Below Grade					No Photo	No Photo	D04						
1	17210	Manhole	C																						

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
1	17420	Manhole	D	Yes	512 W. LOCUST ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.9	17420A0001.jpg	17420I0002.jpg	D04	33.998	-96.3794			1	PIPE SIZES VERIFIED.
1	17421	Manhole	B	Yes	515 W. LOCUST ST.	Solid		No	Light	Alley	Unpaved	Above Grade	1	Std 48 Round	Concrete	6.24	17421A0009.jpg	17421I0010.jpg	D04	33.9971	-96.3797			1	
1	17430	Manhole	D	Yes	717 N. 4TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	11.3	17430A0056.jpg	17430I0057.jpg	D04	33.9985	-96.3773			2	
1	17431		X-Access	No Access	705 N. 4TH AVE.	EOLS				Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17440	Manhole	D	Yes	821 W. PINE ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	36	Brick	6.48	17440A0048.jpg	17440I0049.jpg	D04	33.9994	-96.377			3	
1	17450	Manhole	D	Yes	318 W. PINE ST.	Solid		Yes	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.3	17450A0064.jpg	17450I0065.jpg	D04	33.9993	-96.3764			1	
1	17460	Manhole	D	Yes	323 W. POPULAR ST.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	32	Brick	5.3	17460A0033.jpg	17460I0034.jpg	D04	34.0002	-96.3761			2	PIPE SIZES VERIFIED
1	17470	Manhole	B	Yes	1004 N. 4TH AVE.	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.52	17470A0026.jpg	17470I0027.jpg	D04	34.0004	-96.3766			3	28 INCH LID.
1	17471	Manhole	D	Yes	1021 N. 4TH AVE.	Bolted		No	Moderate	Street	Paved - Asphalt	Below Grade	1	36	Brick	2.94	17471A0053.jpg	17471I0054.jpg	D04	34.001	-96.3763			6	NO BOLTS. EVIDENCE OF SURCHARGE
1	17480	Manhole	D	Yes	1021 N. 4TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	3.7	17480A0035.jpg	17480I0036.jpg	D04	34.0012	-96.3763			2	DEPTHS VERIFIED
1	17481	Cleanout	C	Yes	1024 N. 5TH AVE.	Solid		No	None	Trees/Woods	Unpaved	Above Grade	16	10	Other	5	17481A0020.jpg	17481I0021.jpg	D04	34.0012	-96.3767		PVC	0	
1	17490	Manhole	D	Yes	1027 N. 3RD AVE.	Solid		No	Light	Street	Paved - Concrete	At Grade		Std 48 Round	Brick	6.05	17490A0042.jpg	17490I0043.jpg	D04	34.0011	-96.3752			2	
1	17491	EOLS	X-Access	No Access	1027 N. 3RD AVE.					Street	Paved	Below Grade					No Photo	No Photo	D04						
1	17492	EOLS	X-Access	No Access	1027 N. 3RD AVE.					Street	Paved	Below Grade					No Photo	No Photo	D04						
1	17500	Manhole	C	Yes	216 W. POPLAR ST.	Solid		Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	3.6	17500A0022.jpg	17500I0023.jpg	D04	34	-96.3749			4	DEBRIS IS OLD SVC. PIPE AND PAPER. CHIMNEY IS MADE OF IRON RISERS.
1	17510	Manhole	B	Yes	924 N. 2ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.3	17510A0069.jpg	17510I0070.jpg	D04	33.9998	-96.3744			0	
1	17520	Manhole	X-CNL	CNL	1020 N. 2ND AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						
1	17530	Manhole	C	Yes	106 W. POPULAR ST.	Solid		Yes	Light	Street	Paved - Asphalt	Above Grade	1	32	Brick	5.6	17530A0031.jpg	17530I0032.jpg	D04	33.9997	-96.3738			2	
1	17531	EOLS	X-Access	No Access	106 W. POPULAR ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17540	Manhole	B	Yes	116 W. PINE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	5.28	17540A0082.jpg	17540I0083.jpg	D04	33.9987	-96.3742			2	
1	17550	Manhole	D	Yes	218 W. PINE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	4.04	17550A0073.jpg	17550I0074.jpg	D04	33.999	-96.3753			2	
1	17560	Manhole	D	Yes	809 N. 1ST AVE.	Vented	2	No	None	Street	Paved - Concrete	At Grade		32	Brick	6.96	17560A0090.jpg	17560I0091.jpg	D04	33.9978	-96.3745			2	
1	17570	Manhole	X-CNL	CNL	729 N. 1ST AVE.					Street	Paved - Asphalt	Below Grade					No Photo	No Photo	D04						METAL DETECTED INTERSECTION. BOTH MH'S IN STREET ARE STORM
1	17580	Manhole	C	Yes	804 N. 1ST AVE.	Solid		No	None	Parking Lot	Paved - Concrete	At Grade		24	Other	3.4	17580A0101.jpg	17580I0102.jpg	D04	33.9977	-96.3736		PVC	3	
1	17590	Manhole	D	Yes	214 W. MULBERRY ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.8	17590A0056.jpg	17590I0057.jpg	D04	33.9981	-96.3756			2	
1	17591	EOLS	X-Access	No Access	214 W. MULBERRY ST.					Alley	Paved	Below Grade					No Photo	No Photo	D04						
1	17600	Manhole	X-CNL	CNL	324 W. MULBERRY ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17610	Manhole	D	Yes	620 W. LIVE OAK DR.			No	Light	Alley	Unpaved	At Grade		36	Brick	5.88	17610A0012.jpg	17610I0013.jpg	1	33.9978	-96.3807			2	
1	17611	Manhole	D	Yes	615 N. 7TH AVE.	Vented	2	Yes	None	Alley	Paved - Asphalt	At Grade		36	Brick	4.08	17611A0024.jpg	17611I0025.jpg	1	33.9979	-96.3813			2	
1	17612	EOLS	X-Access	No Access	619 N. 8TH AVE.					Alley	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17620	Manhole	D	Yes	1103 N. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.88	17620A0058.jpg	17620I0059.jpg	D04	34.0018	-96.3776			4	
1	17630	Manhole	D	Yes	401 WALNUT ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Brick	5.38	17630A0023.jpg	17630I0024.jpg	D04	34.0018	-96.3763			3	
1	17650	Manhole	D	Yes	415 W. PLUM ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		32	Brick	3.56	17650A0048.jpg	17650I0049.jpg	D04	34.0025	-96.377			3	
1	17651	EOLS	X-Access	No Access	410 W. PLUM ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17660	Manhole	D	Yes	412 WILLOW ST.	Vented	2	No	Moderate	Alley	Paved - Asphalt	At Grade		36	Brick	6.32	17660A0025.jpg	17660I0026.jpg	D04	34.0031	-96.377			3	
1	17661	EOLS	X-Access	No Access	412 WILLOW ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17670	Manhole	D	Yes	1303 N. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	4.62	17670A0016.jpg	17670I0017.jpg	D04	34.0035	-96.3776			3	
1	17671	Manhole	B	Yes	1201 N. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.82	17671A0070.jpg	17671I0071.jpg	D04	34.0026	-96.3776			3	
1	17672	EOLS	X-Access	No Access	412 WILLOW ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17680	Manhole	X-CNL	CNL	1335 N. 5TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
1	17681	Manhole	D	Yes	1321 N. 5TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	4.9	17681A0039.jpg	17681I0040.jpg	D04	34.0042	-96.3776			3	
1	17690	Manhole	X-CNL	CNL	215 UNIVERSITY BLVD.					Yard	Unpaved						No Photo	No Photo	D04						METAL DETECTED
1	17700	Manhole	C	Yes	315 W. WILLOW ST.	Vented	1	Yes	None	Road Shoulder	Unpaved	Below Grade	1	32	Brick	6.5	17700A0001.jpg	17700I0002.jpg	D04	34.0034	-96.3757			2	
1	17710	Manhole	C	Yes	323 PLUM ST.	Vented	2	Yes	None	Alley	Unpaved	Above Grade	2	32	Brick	8.24	17710A0009.jpg	17710I0010.jpg	D04	34.0025	-96.3757			2	
1	17720	Manhole	D	Yes	315 W. WALNUT ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		32	Brick	4.2	17720A0017.jpg	17720I0018.jpg	D04	34.0018	-96.3757			4	SOME OF CHIMNEY AND CONE ARE CONCRETE.
1	17730	Manhole	D	Yes	1000 N. 4TH AVE.	Solid		No	Severe	Trees/Woods	Unpaved	Above Grade	15	36	Brick	2.82	17730A0054.jpg	17730I0055.jpg	D04	34.0012	-96.376			4	PIPE DEPTHS VERIFIED DUE TO ANGLE.
1	17740	Manhole	D	Yes	1114 N. 2ND AVE.	Solid		No	None	Street	Paved - Asphalt	At Grade		36	Brick	5.64	17740A0086.jpg	17740I0087.jpg	D04	34.0012	-96.3739			3	EVIDENCE OF SURCHARGE
1	17750	Manhole	D	Yes	1212 N. 2ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	6.92	17750A0015.jpg	17750I0016.jpg	D04	34.0018	-96.3739			2	
1	17760	Manhole	D	Yes	1223 N. 1ST AVE.	Vented	1	No	None	Street	Paved - Asphalt	At Grade		32	Brick	3.55	17760A0078.jpg	17760I0079.jpg	D04	34.0018	-96.3734			2	
1	17770	Manhole	D	Yes	1111 N. 1ST AVE.	Vented	2	Yes	None	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	6.7	17770A0066.jpg	17770I0067.jpg	D04	34.0012	-96.3734			4	MORE DEFECTS VISIBLE
1	17780	Manhole	X-CNL	CNL	1223 N. 1ST AVE.					Parking Lot	Paved - Concrete						No Photo	No Photo	D04						
1	17790	Manhole	C	Yes	1212 N. 2ND AVE.	Solid		No	Light	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	7	17790A0023.jpg	17790I0024.jpg	D04	34.002	-96.3739			1	
1	17800	Manhole	D	Yes	1212 N. 2ND AVE.	Solid		Yes	None	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	8.8	17800A0031.jpg	17800I0032.jpg	D04	34.0021	-96.3739			2	
1	17810	Manhole	B	Yes	1212 N. 2ND AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.12	17810A0001.jpg	17810I0002.jpg	D04	34.002	-96.3743			1	DEPTHS VERIFIED. FRAME UNLEVEL
1	17820	Manhole	B	Yes	1212 N. 2ND AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	18	Std 48 Round	Concrete	9.1	17820A0008.jpg	17820I0009.jpg	D04	34.0021	-96.3743			2	
1	17821	Manhole	C	Yes	212 W. WALNUT ST.	Vented	1	No	None	Yard	Unpaved	Above Grade	13	36	Brick	7.7	17821A0017.jpg	17821I0018.jpg	D04	34.0021	-96.3744			2	
1	17822	EOLS	X-Access	No Access	212 W. WALNUT ST.					Yard	Unpaved						No Photo	No Photo	D04						
1	17830	Manhole	D	Yes	1212 N. 2ND AVE.	Vented	2	Yes	None	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	6.63	17830A0042.jpg	17830I0043.jpg	D04	34.0025	-96.3739			2	
1	17840	Manhole	D	Yes	211 W. PLUM ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	9.14	17840A0007.jpg	17840I0008.jpg	D04	34.0025	-96.3745			2	
1	17850	Manhole	C	Yes	217 WILLOW ST.	Vented	2	No	Moderate	Street	Paved - Concrete	At Grade		Std 48 Round	Brick	7.82	17850A0015.jpg	17850I0016.jpg	D04	34.0037	-96.3745			0	
1	17860	Manhole	B	Yes	1305 N. 2ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	4.84	17860A0001.jpg	17860I0002.jpg	D04	34.0032	-96.374			1	
1	17870	Manhole	C	Yes	1298 N. 1ST AVE.	Vented	2	No	Moderate	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	10.66	17870A0068.jpg	17870I0069.jpg	D04	34.0023	-96.3728			2	
1	17880	Manhole	D	Yes	1302 N. 1ST AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade													

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
1	23190	Manhole	D	Yes	309 W. LIVE OAK ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	6.4	23190A0043.jpg	23190I0044.jpg	D04	33.9964	-96.3774			2	
1	23191	EOLS	X-Access	No Access	309 W. LIVE OAK ST.					Alley	Unpaved						No Photo	No Photo	D04						METAL DETECTED
1	24641	EOLS	X-Access	No Access	120 N. MCLEAN RD.					Road Shoulder	Unpaved						No Photo	No Photo	E04						METAL DETECTED
1	25421	Manhole	D	Yes	3302 N. WASHINGTON AVE.	Solid		No	Light	Field	Unpaved	Above Grade	13	Std 48 Round	Concrete	9.36	25421A0078.jpg	25421I0079.jpg	B03	34.0239	-96.3902			0	38" SURCHARGE.
1	25571	Manhole	B	Yes	3014 PRESTONWOOD CIR.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	4.46	25571A0011.jpg	25571I0012.jpg	C04	34.0216	-96.3757			1	
1	C14110	Manhole	C	Yes	1 GAMCO PL.	Solid		Yes	Light	Road Shoulder	Unpaved	Above Grade	21	Std 48 Round	Concrete	22.44	C14110A0030.jpg	C14110I0031.jpg	G03					1	EVIDENCE OF SURCHARGE.
1	C14111	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Field	Unpaved	Above Grade	18	Std 48 Round	Concrete	23.45	C14111A0012.jpg	C14111I0013.jpg	G03					2	EVIDENCE OF SURCHARGE.
1	C14112	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Field	Unpaved	Above Grade	18	Std 48 Round	Concrete	20.86	C14112A0017.jpg	C14112I0018.jpg	G03					1	EVIDENCE OF SURCHARGE.
1	C14113	Manhole	E	Yes	1 GAMCO PL.	Solid		No	Light	Field	Unpaved	Above Grade	19	Std 48 Round	Concrete	20.61	C14113A0022.jpg	C14113I0023.jpg	G03					2	EVIDENCE OF SURCHARGE.
1	C14114	Manhole	C	Yes	1 GAMCO PL.	Solid		No	Light	Field	Unpaved	Above Grade	26	Std 48 Round	Concrete	27.38	C14114A0030.jpg	C14114I0031.jpg	G03					2	EVIDENCE OF SURCHARGE.
1	C14115	Manhole	E	Yes	10 WALDRON RD.	Solid		No	Light	Field	Unpaved	Above Grade	19	Std 48 Round	Concrete	28.1	C14115A0035.jpg	C14115I0036.jpg	G03					1	EVIDENCE OF SURCHARGE.
1	C14116	Manhole	E	Yes	10 WALDRON RD.	Solid		No	Light	Field	Unpaved	Above Grade	14	Std 48 Round	Concrete	24.64	C14116A0001.jpg	C14116I0002.jpg	G03					2	EVIDENCE OF SURCHARGE
1	C14117	Manhole	E	Yes	10 WALDRON RD.	Solid		No	Light	Field	Unpaved	Above Grade	19	Std 48 Round	Concrete	27.22	C14117A0009.jpg	C14117I0010.jpg	G03					2	EVIDENCE OF SURCHARGE
1	C14120	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Field	Unpaved	Above Grade	18	Std 48 Round	Concrete	22.62	C14120A0014.jpg	C14120I0015.jpg	G03					1	EVIDENCE OF SURCHARGE
1	C14121	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Field	Unpaved	Above Grade	15	Std 48 Round	Concrete	22.18	C14121A0007.jpg	C14121I0008.jpg	G03					1	EVIDENCE OF SURCHARGE
1	C14122	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Field	Unpaved	Above Grade	24	Std 48 Round	Concrete	18.58	C14122A0001.jpg	C14122I0002.jpg	G03					2	EVIDENCE OF SURCHARGE
1	C14180	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Road Shoulder	Unpaved	Above Grade	32	Std 48 Round	Concrete	22.97	C14180A0020.jpg	C14180I0021.jpg	G03					1	EVIDENCE OF SURCHARGE
1	C14190	Manhole	B	Yes	1 GAMCO PL.	Solid		Yes	Light	Road Shoulder	Unpaved	Above Grade	22	Std 48 Round	Concrete	22.09	C14190A0025.jpg	C14190I0026.jpg	G03					1	EVIDENCE OF SURCHARGE
2	10930	Manhole	B	Yes	3130 FIRST AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	25	Std 48 Round	Concrete	6.7	10930A0031.jpg	10930I0032.jpg	C04	34.0197	-96.3696			1	
2	10931	Manhole	X	Surcharged	3130 FIRST AVE	Vented	1	No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete		10931A0037.jpg	10931I0038.jpg	C04	34.0197	-96.3709				
2	11400	Manhole	X	Homeowner	910 CROOKED OAK DR.					Yard	Unpaved						No Photo	No Photo	C03	34.0152	-96.3846				HOMEOWNER DENIED ACCESS AND DOGS
2	11410	Manhole	D	Yes	914 CROOKED OAK DR.	Vented	1	No	Severe	Yard	Unpaved	Above Grade	6	36	Sealed Brick	6.64	11410A0029.jpg	11410I0030.jpg	C03	34.015	-96.3844			0	
2	11420	Manhole	D	Yes	906 BRIARWOOD PL.	Vented	1	No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Sealed Brick	5.47	11420A0029.jpg	11420I0030.jpg	C03	34.015	-96.3832			2	
2	11430	Manhole	B	Yes	2517 BRIARWOOD AVE	Vented	2	No	Moderate	Yard	Unpaved	At Grade		Std 48 Round	Sealed Brick	7.25	11430A0078.jpg	11430I0079.jpg	C04	34.015	-96.3822			1	
2	11431	EOLS	X-Access	No Access	2517 BRIARWOOD AVE					Shoulder	Unpaved	Below Grade					No Photo	No Photo	C04						
2	11440	Manhole	X-CNL	CNL	1201 BRIARWOOD AVE					Yard	Unpaved						No Photo	No Photo	C04						METAL DETECTED.
2	11450	Manhole	B	Yes	2402 BRIARWOOD AVE	Vented	1	No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Brick	13	11450A0069.jpg	11450I0070.jpg	C04	34.0147	-96.3818			1	
2	11460	Manhole	C	Yes	2402 WOODLAND SPRINGS DR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	14	36	Brick	7.45	11460A0001.jpg	11460I0002.jpg	C04	34.0154	-96.3812			6	EVIDENCE OF SURCHARGE
2	11470	Manhole	X-CNL	CNL	NO # CROOKED OAK DR					Trees/Woods	Unpaved						No Photo	No Photo	C03						
2	11471	Manhole	C	Yes	901 BRIARWOOD AVE	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	28	Std 48 Round	Concrete	7.06	11471A0060.jpg	11471I0061.jpg	C03	34.014	-96.3823			1	DEPTHS VERIFIED.
2	11472	Manhole	C	Yes	901 WILSON ST.	Solid		No	Moderate	Trees/Woods	Unpaved	Above Grade	9	Std 48 Round	Concrete	5.06	11472A0050.jpg	11472I0051.jpg	C03	34.0135	-96.3823			4	
2	11473	Manhole	C	Yes	901 WILSON ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	13	Std 48 Round	Concrete	10.6	11473A0042.jpg	11473I0043.jpg	C03	34.0126	-96.3823			1	
2	11475	Manhole	B	Yes	903 CROOKED OAK DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	4	36	Brick	4.94	11475A0011.jpg	11475I0012.jpg	C03	34.0139	-96.3828			1	11470 IS CNL, DS LENGTH ESTIMATED.
2	11480	Manhole	D	Yes	2200 FOUR SEASONS DR.	Vented	2	Yes	Moderate	Yard	Paved - Concrete	Above Grade	4	36	Sealed Brick	6.34	11480A0001.jpg	11480I0002.jpg	C03	34.014	-96.385			2	THE VILLAGE CONDOS BUILDING #6.
2	11490	Manhole	D	Yes	2200 FOUR SEASONS DR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	36	Brick	4.82	11490A0014.jpg	11490I0015.jpg	C03	34.0139	-96.3851			4	EVIDENCE OF SURCHARGE. VILLAGE COMPLEX BUILDING #12.
2	11500	Manhole	D	Yes	2200 FOUR SEASONS DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	9	36	Brick	6.7	11500A0016.jpg	11500I0017.jpg	C03	34.0139	-96.3863			2	DS IS ESTIMATE.
2	11510	Manhole	X-CNL	CNL	2200 HILLCREST CT.					Trees/Woods	Unpaved						No Photo	No Photo	C03						METAL DETECTED.
2	11520	Manhole	C	Yes	2217 HILLCREST CT.	Solid		No	Moderate	Yard	Unpaved	Below Grade	3	36	Brick	4.4	11520A0008.jpg	11520I0009.jpg	C03	34.0139	-96.3881			0	
2	11530	Manhole	X-CNL	CNL	2201 HILLCREST CT.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED.
2	11540	Cleanout	C	Yes	2200 HILLCREST CT.	Solid		No	Light	Yard	Unpaved	Above Grade	2	12	Other	1.72	11540A0026.jpg	11540I0027.jpg	C03	34.0127	-96.3872		PVC PIPE	1	
2	11550	Manhole	X-CNO	CNO	1207 ROLLING LN.	Solid				Yard	Unpaved	At Grade					11550A0011.jpg	No Photo	C03	34.0124	-96.3863				
2	11560	Manhole	D	Yes	2120 QUAIL CREEK RD.	Vented	2	No	Moderate	Yard	Unpaved	At Grade		36	Brick	8.4	11560A0001.jpg	11560I0002.jpg	C03	34.0122	-96.386			0	
2	11570	Manhole	X-CNL	CNL	2109 LAURA DR.					Road Shoulder	Unpaved						No Photo	No Photo	C03						METAL DETECTED
2	11580	Manhole	X-CNL	CNL	1219ROLLING LN					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED.
2	11600	Manhole	D	Yes	2200 4 SEASONS DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	10	36	Brick	10	11600A0116.jpg	11600I0117.jpg	C03	34.0133	-96.3842			1	VILLAGE APARTMENTS BUILDING 4
2	11601	EOLS	X-Access	No Access	2200 4 SEASONS DR.					Parking Lot	Unpaved	Below Grade					No Photo	No Photo	C03						
2	11610	Manhole	B	Yes	2200 4 SEASONS DR.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	8.36	11610A0091.jpg	11610I0092.jpg	C03	34.0129	-96.3842			1	NOPIPE FROM WEST VILLAGE APT'S BLDG 3
2	11620	Manhole	C	Yes	1010 WILSON ST.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	8	Std 48 Round	Sealed Brick	6.86	11620A0001.jpg	11620I0002.jpg	C03	34.0125	-96.3842			1	
2	11630	Manhole	X-CNL	CNL	1108 WILSON ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED FROM 11560 ALL THE WAY TO 11620.
2	11640	Manhole	D	Yes	1207 ROLLING LN.	Vented	2	No	Light	Yard	Unpaved	Above Grade	4	36	Brick	10.8	11640A0001.jpg	11640I0002.jpg	C03	34.0122	-96.3864			0	
2	11650	Manhole	D	Yes	2204 DENTWOOD CT.	Solid		No	Severe	Yard	Unpaved	Above Grade	7	36	Brick	8.03	11650A0012.jpg	11650I0013.jpg	C03	34.0132	-96.3863			4	NO DIAMS DUE TO DEBRIS.
2	11651	EOLS	X-Access	No Access	2204 DENTWOOD CT.					Yard	Unpaved						No Photo	No Photo	C03						
2	11660	Manhole	X-CNL	CNL	907 CROOKED OAK DR.					Trees/Woods	Unpaved						No Photo	No Photo	C03						TO THICK TO PROPERLY METAL DETECT. WILL FIND WITH SMOKE. DS IS ESTIMATE.
2	11670	Manhole	X-CNL	CNL	913 CROOKED OAK DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED. ONLY FOUND PRIVATE SERVICE LINES.
2	11680	Manhole	C	Yes	1003 CROOKED OAK PL.	Vented	2	No	Light	Yard	Unpaved	Below Grade	2	Std 48 Round	Sealed Brick	6.36	11680A0041.jpg	11680I0042.jpg	C03	34.0145	-96.3853			0	
2	11690	Manhole	X-CNL	CNL	917 CROOKED OAK PL.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED.
2	11700	Manhole	X-CNL	CNL	1005 CROOKED OAK PL.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED.
2	11710	Manhole	D	Yes	2200 4 SESONS DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Concrete	9	11710A0098.jpg	11710I0099.jpg	C03	34.0129	-96.3838			4	VILLAGE APARTMENTS BUILDING 3
2	11720	Manhole	D	Yes	903 CROOKED OAK DR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	13	36	Brick	6.9	11720A0020.jpg	11720I0021.jpg	C03	34.0138	-96.3831			1	
2	11730	Manhole	D	Yes	2108 4 SEASONS DR.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	11	36	Brick	9.5	11730A0050.jpg	11730I0051.jpg	C03	34.0118	-96.3842			2	
2	11740	Manhole	B	Yes	1108 QUAIL CREEK DR.	Vented	1	No	Light	Yard	Unpaved	Above Grade	1	36	Sealed Brick	4.7	11740A0062.jpg	11740I0063.jpg	C04	34.0118	-96.3853			1	
2	11750	Manhole	D	Yes	1724 N. 10TH AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	2	36	Brick	7.4	11750A0001.jpg	11750I0002.jpg	C03	34.0123	-96.3833			2	EVIDENCE OF SURCHARGE. DS IS ESTIMATE.
2	11760	Manhole	D	Yes	2200 4 SEASONS DR.	Solid		No	Light	Yard	Unpaved	Above Grade	13	36	Brick	10.2	11760A0107.jpg</								

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
2	12466	Manhole	B	Yes	2817 OLIVIA AVE.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	9.8	12466A0077.jpg	12466I0078.jpg	C04	34.0176	-96.3713			1	
2	12467	Manhole	B	Yes	2907 OLIVIA AVE.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	3	Std 48 Round	Concrete	3.25	12467A0082.jpg	12467I0083.jpg	C04	34.018	-96.3713			1	
2	12468	Manhole	B	Yes	91 MADELINE DR.	Solid		Yes	Light	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Concrete	4.22	12468A0087.jpg	12468I0088.jpg	C04	34.018	-96.3705			0	
2	12469	Manhole	C	Yes	2909 OLIVIA AVE.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	5.5	12469A0008.jpg	12469I0009.jpg	C04	34.0182	-96.3713			1	
2	12470	Manhole	D	Yes	2802 THOMAS WAY	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	11	Std 48 Round	Concrete	12.06	12470A0042.jpg	12470I0043.jpg	C04	34.0185	-96.3688			1	
2	12471	Manhole	A	Yes	81MADELINE DR	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	7.76	12471A0092.jpg	12471I0093.jpg	C04	34.018	-96.3696			0	
2	12480	Manhole	A	Yes	78 MATHEW DR.	Solid		No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	8.66	12480A0023.jpg	12480I0024.jpg	C04	34.0165	-96.3697			0	
2	12490	Manhole	B	Yes	98 MATHEW DR.	Solid		No	Light	Yard	Unpaved	Above Grade	11	Std 48 Round	Concrete	11	12490A0030.jpg	12490I0031.jpg	C04	34.0165	-96.3709			0	NO PIPE AT 9 O CLOCK
2	15500	Manhole	C	Yes	2109 LUNAR DR.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	8	36	Brick	6.44	15500A0083.jpg	15500I0084.jpg	C03	34.0118	-96.386			1	
2	15510	Manhole	C	Yes	2011 4 SEASONS DR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	7	36	Brick	6.42	15510A0071.jpg	15510I0072.jpg	C03	34.011	-96.386			2	
2	15520	Manhole	A	Yes	1212 FOURSEASONS DR.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	20	Std 48 Round	Fiberglass	8.52	15520A0043.jpg	15520I0044.jpg	C03	34.0113	-96.3874			1	
2	15530	Manhole	C	Yes	1212 FOURSEASONS DR.	Vented	2	No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	13.4	15530A0038.jpg	15530I0039.jpg	C03	34.0111	-96.3873			4	CANT VERIFY PIPE DIAMETER ON PIPES 1 & 2.
2	15531	Manhole	B	Yes	1212 FOURSEASONS DR.	Vented	1	Yes	Light	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Fiberglass	13.4	15531A0033.jpg	15531I0034.jpg	C03	34.011	-96.3874			1	
2	15540	Manhole	E	Yes	1212 FOURSEASONS DR.	Vented	1	Yes	Light	Trees/Woods	Unpaved	Above Grade	9	36	Brick	10.46	15540A0049.jpg	15540I0050.jpg	C03	34.0116	-96.3869			8	
2	15730	Manhole	B	Yes	1722LACEY DR	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	6.2	15730A0033.jpg	15730I0034.jpg	C03	34.011	-96.3854			0	
2	15731	EOLS	X-Access	No Access	1722 LACEY DR.					Yard	Unpaved					No Photo	No Photo	C03							METAL DETECTED
2	15740	Manhole	B	Yes	1718 LAHOMA CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	15	Std 48 Round	Concrete	5.2	15740A0088.jpg	15740I0089.jpg	C03	34.01	-96.3848			1	32" LID
2	15741	Manhole	B	Yes	1715 LAHOMA CIR.	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	6.22	15741A0094.jpg	15741I0095.jpg	C03	34.0095	-96.3848			0	
2	15742	Manhole	B	Yes	1705 LAHOMA CIR.	Vented	2	No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	6.1	15742A0099.jpg	15742I0100.jpg	C03	34.0091	-96.3846			1	
2	15743	Manhole	B	Yes	1705 LAHOMA CIR.	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	6.4	15743A0104.jpg	15743I0105.jpg	C03	34.0089	-96.3846			2	
2	15744	EOLS	X-Access	No Access	1705 LAHOMA CIR.					Yard	Unpaved	Below Grade				No Photo	No Photo	C03							
2	15745	Manhole	B	Yes	1104 CHUKWA DR.	Vented	1	No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.42	15745A0048.jpg	15745I0049.jpg	C03	34.0089	-96.3849			1	32" LID.
2	15750	Manhole	D	Yes	1015 4 SEASONS DR.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Above Grade	3	36	Sealed Brick	5.12	15750A0010.jpg	15750I0011.jpg	C03	34.0106	-96.3848			4	
2	15751	Manhole	D	Yes	1115 4 SEASONS DR.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Sealed Brick	3.8	15751A0032.jpg	15751I0033.jpg	C03	34.0107	-96.3858			1	CHIMNEY IS BRICK
2	15760	Manhole	E	Yes	1003 4 SEASONS DR.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		36	Brick	11.8	15760A0020.jpg	15760I0021.jpg	C03	34.0106	-96.3842			1	MORE DEFECTS EVIDENT
2	15770	Manhole	D	Yes	2014 4 SEASONS DR.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	10	36	Brick	12.44	15770A0039.jpg	15770I0040.jpg	C03	34.0111	-96.3842			0	
2	15780	Manhole	X-CNO	CNO	1017BROOKLINE DR					Alley	Unpaved					No Photo	No Photo	C03	34.0111	-96.3847					UNDER FALLEN TREE.
2	15790	Manhole	B	Yes	1107 BROOKLINE DR.	Vented	1	No	Light	Yard	Unpaved	Above Grade	8	36	Sealed Brick	5.82	15790A0066.jpg	15790I0067.jpg	C03	34.0111	-96.3853			2	CHIMNEY IS BRICK
2	15800	Manhole	D	Yes	1723 N. 10TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.66	15800A0012.jpg	15800I0013.jpg	C03	34.0118	-96.3833			1	
2	15820	Manhole	D	Yes	1642 N. 9TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	11	36	Brick	8	15820A0039.jpg	15820I0040.jpg	C04	34.0118	-96.3821			2	
2	15821	EOLS	X-Access	No Access	1642 N. 9TH AVE.					Yard	Unpaved	Below Grade				No Photo	No Photo	C03							
2	15822	EOLS	X-Access	No Access	1642 N. 9TH AVE.					Yard	Unpaved	Below Grade				No Photo	No Photo	C04							
2	15830	Manhole	X-CNL	CNL	1620 N. 10TH AVE.					Yard	Unpaved					No Photo	No Photo	C04							METAL DETECTED MULTIPLE YARDS. POSSIBLE DNE. MAYBE UNDER SHED IN BACKYARD. PIPES 2 & 3 UNVERIFIED.
2	15831	EOLS	X-Access	No Access	1624 N. 10TH AVE.					Yard	Unpaved	Below Grade				No Photo	No Photo	C04							PIPE UNVERIFIED. CONNECTION ASSET IS STILL CNL. METAL DETECTED
2	15832	EOLS	X-Access	No Access	1614 N. 10TH AVE.					Yard	Unpaved	Below Grade				No Photo	No Photo	C04							METAL DETECTED . PIPE UNVERIFIED CONNECTION ASSET IS STILL CNL.
2	15850	Manhole	D	Yes	1619 N. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.24	15850A0021.jpg	15850I0022.jpg	C03	34.0102	-96.3833			1	
2	15851	EOLS	X-Access	No Access	1619 N. 10TH AVE.					Street	Paved	Below Grade				No Photo	No Photo	C03							
2	15860	Manhole	C	Yes	1619 N. 10TH AVE.	Vented	1	No	Moderate	Yard	Unpaved	At Grade		36	Brick	6.3	15860A0031.jpg	15860I0032.jpg	C03	34.0102	-96.3834			2	
2	15861	EOLS	X-Access	No Access	1619 N. 10TH AVE.					Shoulder	Unpaved	Below Grade				No Photo	No Photo	C03							
2	16630	Manhole	D	Yes	775-853 WILSON ST.	Vented	2	No	Moderate	Field	Unpaved	Below Grade	3	Std 48 Round	Sealed Brick	6	16630A0058.jpg	16630I0059.jpg	C04	34.0115	-96.3804			3	
2	16640	Manhole	D	Yes	775-853 WILSON ST.	Vented	2	No	Moderate	Field	Unpaved	At Grade		Std 48 Round	Brick	5.1	16640A0067.jpg	16640I0068.jpg	C04	34.0113	-96.3801			0	
2	16650	Manhole	X-CNL	CNL	1608 N. 6TH AVE.					Trees/Woods	Unpaved					No Photo	No Photo	C04							
2	16651	Manhole	C	Yes	1608 N. 6TH AVE	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	30	Std 48 Round	Concrete	17	16651A0039.jpg	16651I0040.jpg	C04	34.0102	-96.3799			1	
2	16652	Manhole	B	Yes	1608 N. 6TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	9.7	16652A0047.jpg	16652I0048.jpg	C04	34.0102	-96.3793			3	
2	16653	Manhole	B	Yes	1608 N. 6TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	14	Std 48 Round	Concrete	5.05	16653A0053.jpg	16653I0054.jpg	C04	34.0101	-96.3781			0	
2	16660	Manhole	D	Yes	403-567 WILSON ST.	Vented	25	No	Light	Road Shoulder	Unpaved	Above Grade	38	Std 48 Round	Brick	15.72	16660A0068.jpg	16660I0069.jpg	C04	34.011	-96.3756			2	
2	16670	Cleanout	C	Yes	403-567 WILSON ST	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Brick	12.75	16670A0077.jpg	16670I0078.jpg	C04	34.0107	-96.375			5	EVIDENCE OF SURCHARGE
2	16690	Manhole	D	Yes	2211 WILSON ST.	Vented	1	No	Moderate	Yard	Unpaved	At Grade		36	Sealed Brick	8.42	16690A0012.jpg	16690I0013.jpg	C04	34.0107	-96.3735			2	
2	16691	Manhole	B	Yes	1903 N. 1ST AVE.	Vented	1	No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	11.54	16691A0008.jpg	16691I0009.jpg	C04	34.0101	-96.3734			1	
2	16700	Manhole	B	Yes	1903 N. 1ST AVE.	Vented	1	No	Light	Yard	Unpaved	Above Grade	14	Std 48 Round	Concrete	11.4	16700A0001.jpg	16700I0002.jpg	C04	34.0101	-96.3732			0	
2	16740	Cleanout	C	Yes	123 WILSON ST.	Vented	2	No	Moderate	Yard	Unpaved	Below Grade	1	12	Other	3.12	16740A0033.jpg	16740I0034.jpg	C04	34.0105	-96.3761		IRON	1	MAILINE CLEANOUT. WOOD MANOR APARTMENTS.
2	16750	Manhole	D	Yes	324 MONTGOMERY DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	18	Std 48 Round	Concrete	5.54	16750A0017.jpg	16750I0018.jpg	C04	34.0105	-96.3762			6	
2	16760	Manhole	B	Yes	324 MONTGOMERY DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	7	Std 48 Round	Concrete	8.16	16760A0011.jpg	16760I0012.jpg	C04	34.0095	-96.3762			4	
2	16770	Manhole	D	Yes	324 MONTGOMERY DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	10	Std 48 Round	Concrete	8.14	16770A0001.jpg	16770I0002.jpg	C04	34.0088	-96.3762			3	
2	16780	Manhole	X-CNL	CNL	324 MONTGOMERY DR.					Trees/Woods	Unpaved					No Photo	No Photo	C04							METAL DETECTED
2	17930	Manhole	C	Yes	112 WILSON ST.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	24	Std 48 Round	Concrete	4.96	17930A0062.jpg	17930I0063.jpg	C04	34.0101	-96.3723			3	NO BOLTS. 32 INCH LID.
2	17940	Manhole	C	Yes	112 WILSON ST.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	32	Std 48 Round	Concrete	4.46	17940A0069.jpg	17940I0070.jpg	C04	34.01	-96.3717			4	NO BOLTS. 32 INCH LID. EVIDENCE OF SSO.
2	17950	Manhole	D	Yes	1405 N. 1ST AVE.	Vented	1	No	Moderate	Trees/Woods	Unpaved	Below Grade	1	Std 48 Round	Concrete	8.1	17950A0034.jpg	17950I0035.jpg	C04	34.0097	-96.371			1	32 INCH LID.
2	17960	Manhole	D	Yes	2224 E. 2070 RD.	Vented	2	No	Light	Field	Unpaved	Above Grade	11	Std 48 Round	Concrete	18.82	17960A0009.jpg	17960I0010.jpg	C04	34.011	-96.3705			0	
2	17970	Manhole	D	Yes	2224 E. 2070 RD.	Vented	1	No	None	Trees/Woods	Unpaved	At Grade		Std 48 Round	Concrete	8.68	17970A0001.jpg	17970I0002.jpg	NA	34.0101	-96.3708			1	SITE 13. OUT PIPE IS NO GOOD FOR METER BAND. INCOMING PIPE IS GOOD FOR METER BAND.
2	17980	Manhole	C	Yes	140																				

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
2	40211	EOLS	X-Access	No Access	5203 FLAMINGO DR.					Yard	Unpaved						No Photo	No Photo	A04						
2	40220	Manhole	B	Yes	5203 FLAMINGO DR.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	5.06	40220A0033.jpg	40220I0034.jpg	A04	34.0388	-96.3589			2	
2	40230	Manhole	D	Yes	5245 MARTIN CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	13	Std 48 Round	Brick	10.26	40230A0011.jpg	40230I0012.jpg	A04	34.0391	-96.3599			5	
2	40240	Manhole	D	Yes	5245 MARTIN CIR.	Vented	2	No	Moderate	Trees/Woods	Unpaved	Above Grade	13	Std 48 Round	Brick	5.16	40240A0023.jpg	40240I0024.jpg	A04	34.0392	-96.36			1	
2	40250	Manhole	D	Yes	5220 MARTIN CIR.	Solid		No	Light	Within Building	Unpaved	Above Grade	3	Std 48 Round	Brick	4.1	40250A0001.jpg	40250I0002.jpg	A04	34.0402	-96.3595			3	PLASTIC LID & FRAME.
2	40260	Manhole	D	Yes	5213ROADRUNNER DR.	Solid		No	Severe	Yard	Unpaved	Above Grade	25	Std 60 Round	Concrete	7.4	40260A0045.jpg	40260I0046.jpg	A04	34.0407	-96.3593			4	
2	40270	Manhole	X-CNO	CNO	5214 ROADRUNNER DR.	Solid		Yes		Street	Paved - Asphalt	At Grade					40270A0001.jpg	No Photo	A04	34.0412	-96.3593				
2	40280	Manhole	D	Yes	5212 ROADRUNNER DR.	Solid		No	Moderate	Yard	Unpaved	Above Grade	16	Std 48 Round	Fiberglass	5.26	40280A0022.jpg	40280I0023.jpg	A04	34.0417	-96.3594			1	EVIDENCE OF SURCHARGE.
2	40290	Manhole	B	Yes	5214 ROADRUNNER DR.	Vented	9	No	Light	Field	Unpaved	Above Grade	7	Std 48 Round	Concrete	5.12	40290A0013.jpg	40290I0014.jpg	A04	34.0417	-96.359			1	32" LID.
2	40300	Manhole	D	Yes	5214 ROADRUNNER DR.	Vented	9	No	Moderate	Field	Unpaved	Above Grade	5	Std 48 Round	Concrete	5.16	40300A0002.jpg	40300I0003.jpg	A04	34.0419	-96.359			1	32" LID. EVIDENCE OF SSO.
2	40310	Manhole	B	Yes	5302 ROADRUNNER DR.	Vented	9	No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Concrete	4.68	40310A0035.jpg	40310I0036.jpg	A04	34.0417	-96.3581			1	32" LID.
2	40320	Cleanout	C	Yes	5310 ROADRUNNER DR.	Solid		No	None	Yard	Unpaved	Above Grade	8	CO 8"	Other	7.2	40320A0001.jpg	40320I0002.jpg	A04	34.0417	-96.357		PVC	0	
2	40330	EOLS	X-Access	No Access	5214 ROADRUNNER DR.					Field	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40340	Cleanout	C	Yes	5210 ROADRUNNER DR.	Solid		No	None	Field	Unpaved	Above Grade	1	8	Other	6.42	40340A0031.jpg	40340I0032.jpg	A04	34.0418	-96.3599		PVC	0	MAINLINE CLEANOUT.
2	40350	Manhole	D	Yes	5416 ROBIN RD.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	21	Std 48 Round	Concrete	6.52	40350A0001.jpg	40350I0002.jpg	A04	34.0375	-96.3564			2	
2	40360	Manhole	C	Yes	5414 ROBIN RD.	Vented	2	No	Light	Yard	Unpaved	Above Grade	19	Std 48 Round	Concrete	6.54	40360A0027.jpg	40360I0028.jpg	A04	34.0384	-96.3561			2	
2	40370	Manhole	C	Yes	5422 ROBIN RD.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	16	Std 48 Round	Concrete	12	40370A0055.jpg	40370I0056.jpg	A04	34.0382	-96.3567			1	
2	40380	Cleanout	C	Yes	5418 ROADRUNNER DR.	Solid		No	None	Yard	Unpaved	Above Grade	9	8	Other	9.95	40380A0065.jpg	40380I0066.jpg	A04	34.039	-96.3573		PVC	6	MAINLINE CLEANOUT.
2	40390	EOLS	X-Access	No Access	5409 ROADRUNNER RD.					Yard	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40400	Manhole	D	Yes	5406 ROBIN RD.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	11.32	40400A0013.jpg	40400I0014.jpg	A04	34.0394	-96.3563			2	
2	40410	Manhole	C	Yes	5406 ROADRUNNER DR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	18	Std 48 Round	Concrete	10.62	40410A0037.jpg	40410I0038.jpg	A04	34.0401	-96.3562			1	
2	40420	EOLS	X-Access	No Access	5406 ROADRUNNER DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40430	Cleanout	C	Yes	5404 ROADRUNNER DR.	Solid		No	None	Road Shoulder	Unpaved	Above Grade	4	8	Other	5.12	40430A0051.jpg	40430I0052.jpg	A04	34.0407	-96.3561		PVC	0	MAINLINE CLEANOUT.
2	40440	EOLS	X-Access	No Access	5406 ROADRUNNER DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40450	Manhole	X-CNO	CNO	5417 ROADRUNNER DR.	Solid				Yard	Unpaved						40450A0004.jpg	No Photo	A04	34.0398	-96.3575				HAMMERED
2	40460	EOLS	X-Access	No Access	5417 ROADRUNNER DR.					Yard	Unpaved						No Photo	No Photo	A04						
2	40470	Cleanout	C	Yes	5405 ROADRUNNER CT.	Solid		No	None	Alley	Unpaved	Above Grade	5	8	Other	5.12	40470A0041.jpg	40470I0042.jpg	A04	34.0407	-96.3568		PVC	1	MAINLINE CLEANOUT. NO ASSETS BETWEEN MCO AND MH 40260.
2	40480	Manhole	D	Yes	5230 MARTIN CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	30	Brick	5.1	40480A0060.jpg	40480I0061.jpg	A04	34.0407	-96.3603			2	MORE DEFECTS VISIBLE
2	40490	Manhole	D	Surcharged	5425 ROBIN RD.	Solid		No	Light	Field	Unpaved	Above Grade	23	Std 48 Round	Concrete	12.04	40490A0086.jpg	40490I0087.jpg	A04	34.0377	-96.3573			3	. SURCHARGED 13".
2	40500	Manhole	C	Yes	5430 ROADRUNNER DR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Concrete	10.6	40500A0073.jpg	40500I0074.jpg	A04	34.0384	-96.358			2	
2	40510	Manhole	B	Yes	5431 ROBIN RD.	Solid		No	None	Yard	Unpaved	Above Grade	14	8	Other	11.92	40510A0069.jpg	40510I0070.jpg	A04	34.0385	-96.3579		PVC	0	
2	40520	EOLS	X-Access	No Access	5434 ROADRUNNER DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40530	EOLS	X-Access	No Access	5108 CANARY ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40540	EOLS	X-Access	No Access	5230 MARTIN CIR.					Yard	Unpaved	Below Grade					No Photo	No Photo	A04						
2	40560	Manhole	D	Yes	5026 FALCON DR.	Solid		No	Light	Yard	Unpaved	Above Grade	3	36	Brick	2.7	40560A0005.jpg	40560I0006.jpg	A04	34.0385	-96.3607			2	
2	40570	Manhole	D	Yes	5018 FALCON DR.	Solid		No	Light	Yard	Unpaved	Above Grade	10	36	Brick	4.92	40570A0016.jpg	40570I0017.jpg	A04	34.0381	-96.3611			2	
2	40571	Manhole	X-CNL	CNL	5047 MALLARD DR.					Yard	Unpaved						No Photo	No Photo	A04						METAL DETECTED
2	40580	Manhole	C	Yes	5044 MALLARD DR.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Brick	6.4	40580A0024.jpg	40580I0025.jpg	A04	34.0391	-96.3619			2	PLASTIC LID
2	40590	EOLS	X-Access	No Access	5044 MALLARD DR.					Yard	Unpaved						No Photo	No Photo	A04						METAL DETECTED
2	40950	EOLS	X-Access	No Access	5241 MARTIN CIR.					Yard	Unpaved						No Photo	No Photo	A04						
3	10020	Manhole	C	Yes	524 LEE AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	32	Std 48 Round	Fiberglass	5.66	10020A0048.jpg	10020I0049.jpg	E04	33.9912	-96.3654			3	4 BOLTS.
3	10021	Manhole	C	Yes	524 LEE AVE.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	25	Std 48 Round	Fiberglass	5.44	10021A0011.jpg	10021I0012.jpg	E04	33.9911	-96.3653			2	CROWN NOT CUT OUT POOR DEPTHS
3	10030	Manhole	D	Yes	524 LEE AVE.	Solid		Yes	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Fiberglass	8.26	10030A0001.jpg	10030I0002.jpg	E04	33.991	-96.3644			2	EVIDENCE OF SURCHARGE.
3	10040	Manhole	D	Yes	524 LEE AVE.	Solid		Yes	Light	Trees/Woods	Unpaved	Above Grade	5	Std 48 Round	Concrete	8.68	10040A0025.jpg	10040I0026.jpg	E04	33.991	-96.3639			1	EVIDENCE OF SURCHARGE.
3	10050	Manhole	D	Yes	524 LEE AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	8.64	10050A0036.jpg	10050I0037.jpg	E04	33.991	-96.3635			5	EVIDENCE OF SURCHARGE.
3	10060	Manhole	B	Yes	524 LEE AVE.	Solid		No	Light	Field	Unpaved	Above Grade	25	Std 48 Round	Fiberglass	15.2	10060A0018.jpg	10060I0019.jpg	E04	33.991	-96.3626			2	EVIDENCE OF SURCHARGE.
3	10070	Manhole	X-CNL	CNL	521 LEE AVE.					Trees/Woods	Unpaved						No Photo	No Photo	E04						
3	10080	Manhole	D	Yes	521 LEE AVE.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	27	Std 48 Round	Fiberglass	13.75	10080A0069.jpg	10080I0070.jpg	D04	33.992	-96.3609			2	DS IS ESTIMATE.
3	10090	Manhole	C	Yes	521 LEE AVE.	Solid		No	Light	Field	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	11.66	10090A0087.jpg	10090I0088.jpg	D04	33.9927	-96.3604			1	
3	10100	Manhole	D	Yes	521 LEE AVE.	Solid		No	Light	Field	Unpaved	Above Grade	40	Std 48 Round	Fiberglass	6.5	10100A0077.jpg	10100I0078.jpg	D04	33.9927	-96.3599			0	BENCH JOINT IS MADE OF BRICK AND MORTAR.
3	10110	Manhole	B	Surcharged	1215 US-70	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	21	Std 48 Round	Fiberglass	8.70	10110A0022.jpg	10110I0023.jpg	D04	33.993	-96.3593			0	
3	10120	Manhole	C	Yes	1215 US-70	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	18	Std 48 Round	Fiberglass	11.36	10120A0012.jpg	10120I0013.jpg	D04	33.9929	-96.3587			2	EVIDENCE OF SURCHARGE.
3	10130	Manhole	D	Yes	1215 US-70	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	19	Std 48 Round	Fiberglass	9.74	10130A0011.jpg	10130I0012.jpg	E04	33.9928	-96.3578			4	EVIDENCE OF SURCHARGE.
3	10140	Manhole	D	Yes	618 N MCLEAN RD.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	18	Std 48 Round	Fiberglass	11.56	10140A0001.jpg	10140I0002.jpg	D04	33.9931	-96.3571			2	
3	10150	Manhole	C	Yes	1215 US-70	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	25	Std 48 Round	Fiberglass	13.32	10150A0001.jpg	10150I0002.jpg	E04	33.9933	-96.3564			2	EVIDENCE OF SURCHARGE.
3	10160	Manhole	X-CNL	CNL	618 N. MCLEAN RD.					Trees/Woods	Unpaved						No Photo	No Photo	D04						METAL DETECTED.
3	10170	Manhole	D	Yes	618 N. MCLEAN DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Fiberglass	16.24	10170A0050.jpg	10170I0051.jpg	D04	33.994	-96.3554			2	
3	10180	Manhole	D	Yes	618 N. MCLEAN DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	9	Std 48 Round	Fiberglass	11.5	10180A0038.jpg	10180I0039.jpg	D05	33.994	-96.3548			1	EVIDENCE OF SURCHARGE.
3	10190	Manhole	D	Yes	1615 MASON ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	20	Std 48 Round	Fiberglass	7.76	10190A0028.jpg	10190I0029.jpg	D05	33.994	-96.3541			0	
3	10200	Manhole	D	Yes	1701 MASON ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	11.6	10200A0020.jpg	10200I0021.jpg	D05	33.994	-96.3531			1	BEHIND TRAILER PARK. EVIDENCE OF SURCHARGE.
3	10210	Manhole	D	Yes	1701 MASON ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	11	Std 48 Round	Fiberglass	13.82	10210A0011.jpg	10210I0012.jpg	D05	33.994	-96.3522			1	EVIDENCE OF SURCHARGE.
3	10220	Manhole	D	Yes	1803 MASON ST.	Solid		No	None	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Fiberglass	11.5									

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
3	24310	Manhole	X-CNO	CNO	2011 MASON ST.	Solid				Street	Paved - Asphalt	At Grade					24310A0051.jpg	No Photo	D05	33.9947	-96.3492				TRY AGAIN 4-6-2022, SPRAYED WITH PB BLASTER 3 TIMES	
3	24320	Manhole	B	Yes	2115 MASON ST.	Solid		No	Light	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Fiberglass	11.34	24320A0058.jpg	24320I0059.jpg	D05	33.9947	-96.3482			1	32 INCH LID	
3	24330	Manhole	B	Yes	2207 MASON ST.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Fiberglass	6.02	24330A0063.jpg	24330I0064.jpg	D05	33.9947	-96.347			1		
3	24340	Manhole	B	Yes	1811 MASON ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	7.79	24340A0040.jpg	24340I0041.jpg	D04	33.9947	-96.3512			0	32 INCH LID	
3	24350	Manhole	B	Yes	1911 MASON ST.	Solid		Yes	None	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	9.38	24350A0045.jpg	24350I0046.jpg	D05	33.9947	-96.3503			0		
3	24360	Manhole	B	Yes	307 SCOTT ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	4.1	24360A0052.jpg	24360I0053.jpg	D04	33.9956	-96.3492			1		
3	24380	Manhole	D	Yes	802 E. MAIN ST.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	6	36	Brick	5.16	24380A0063.jpg	24380I0064.jpg	E04	33.9901	-96.3642			2	EVIDENCE OF SURCHARGE AND SSO	
3	24390	Manhole	X-CNL	CNL	217 LEE AVE.					Field	Unpaved						No Photo	No Photo	E04						METAL DETECTED ENTIRE LINE.	
3	24400	Manhole	B	Yes	903 PARKLAND DR.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.56	24400A0077.jpg	24400I0078.jpg	E04	33.9904	-96.3614			1		
3	24410	Manhole	B	Yes	917 PARKLAND DR.	Solid		No	Moderate	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	6.3	24410A0070.jpg	24410I0011.jpg	E04	33.9904	-96.3603			1		
3	24420	Manhole	B	Yes	1001 PARKLAND DR.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	6.34	24420A0062.jpg	24420I0063.jpg	E04	33.9904	-96.3591			1		
3	24421	EOLS	X-Access	No Access	1001 PARKLAND DR.							Below Grade					No Photo	No Photo	E04							
3	24430	Manhole	B	Yes	1202 PARKLAND DR.	Vented	2	Yes	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.92	24430A0048.jpg	24430I0049.jpg	E04	33.9904	-96.3574			1		
3	24440	Manhole	D	Yes	1202 PARKLAND DR.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Below Grade	3	36	Brick	7.5	24440A0054.jpg	24440I0055.jpg	E04	33.9904	-96.3574			2		
3	24441	EOLS	X-Access	No Access	1202 PARKLAND DR.					Road Shoulder	Unpaved	Below Grade					No Photo	No Photo	E04							
3	24450	Manhole	D	Yes	1206 PARKLAND DR.	Vented	2	No	Severe	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	5.3	24450A0041.jpg	24450I0042.jpg	E04	33.9904	-96.3562			4	CONCRETE DEBRIS ON BENCH	
3	24460	Manhole	B	Yes	202 N. MCLEAN DR.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Concrete	5.2	24460A0035.jpg	24460I0036.jpg	E04	33.9904	-96.3555			1		
3	24470	Manhole	D	Yes	804 E. FLORIDA ST.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		36	Brick	7.8	24470A0014.jpg	24470I0015.jpg	E04	33.9883	-96.3633			2	EVIDENCE OF SURCHARGE	
3	24480	Manhole	E	Surcharged	819 E. FLORIDA ST.	Vented	2	Yes	Moderate	Road Shoulder	Unpaved	At Grade		36	Brick	8.3	24480A0024.jpg	24480I0025.jpg	E04	33.9882	-96.3625			12	MORE DEFECTS PRESENT. 2.6' DEEP	
3	24481	EOLS	X-Access	No Access	819 E. FLORIDA ST.					Shoulder	Unpaved	Below Grade					No Photo	No Photo	E04							
3	24490	Manhole	D	Surcharged	301 HOLCOMB AVE.	Vented	2	No	Moderate	Yard	Unpaved	At Grade		36	Brick	5.5	24490A0006.jpg	24490I0007.jpg	E04	33.9871	-96.3625			8	1.8" OF SURCHARGE	
3	24500	Manhole	C	Yes	817 E. MAIN ST.	Vented	1	Yes	None	Road Shoulder	Unpaved	Below Grade	1	36	Brick	8.62	24500A0065.jpg	24500I0066.jpg	E04	33.9892	-96.3629			2	PARTIALLY SEALED BRICK	
3	24510	Manhole	X-CNL	CNL	907 E. MAIN ST.					Trees/Woods	Unpaved						No Photo	No Photo	E04							OLD CONSTRUCTION SITE WITH MASSIVE AMOUNT OF RUBBLE AND DIRT
3	24520	Manhole	X-CNL	CNL	907 E. MAIN ST.					Road Shoulder	Unpaved						No Photo	No Photo	E04							OLD CONSTRUCTION SITE WITH MASSIVE AMOUNTS OF RUBBLE AND DIRT.
3	24530	Manhole	D	Yes	944 E. MAIN ST.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Below Grade	2	36	Brick	10	24530A0054.jpg	24530I0055.jpg	E04	33.9889	-96.3605			1		
3	24540	Manhole	D	Yes	1012 E. MAIN ST.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Below Grade	5	36	Brick	7.65	24540A0046.jpg	24540I0047.jpg	E04	33.9887	-96.3596			1	BOTTOM SECTION IS SEALED BRICK	
3	24550	Manhole	B	Yes	1104 E. MAIN ST.	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		36	Brick	7.3	24550A0037.jpg	24550I0038.jpg	E04	33.9887	-96.3589			1		
3	24560	Manhole	X-CNL	CNL	1104 E. MAIN ST.					Trees/Woods	Unpaved						No Photo	No Photo	E04							TO MUCH JUNK TO PROPERLY METAL DETECT, TRIED ANYWAY.
3	24570	Manhole	X-CNL	CNL	1005 E. EVERGREEN ST					Trees/Woods	Unpaved						No Photo	No Photo	D04							TO MUCH JUNK TO PROPERLY METAL DETECT, TRIED ANYWAY.
3	24580	Manhole	B	Yes	1128 E. MAIN ST.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	1	36	Sealed Brick	8.4	24580A0021.jpg	24580I0022.jpg	E04	33.9886	-96.3571			1		
3	24581	Manhole	D	Yes	1128 E. MAIN ST.	Solid		Yes	Light	Road Shoulder	Unpaved	At Grade		36	Brick	7.55	24581A0029.jpg	24581I0030.jpg	E04	33.9886	-96.358			1	EVIDENCE OF SURCHARGE	
3	24590	Manhole	D	Yes	1408 E. MAIN ST.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Above Grade	2	36	Brick	11.78	24590A0011.jpg	24590I0012.jpg	E04	33.9886	-96.3562			2		
3	24600	Manhole	C	Yes	1412 E. MAIN ST.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Below Grade	1	36	Brick	14.16	24600A0001.jpg	24600I0002.jpg	E04	33.9885	-96.3556			1	PIPE SIZES VERIFIED	
3	24610	Manhole	X-CNL	CNL	1412 E. MAIN ST.					Field	Unpaved						No Photo	No Photo	E04							METAL DETECTED
3	24620	Manhole	E	Yes	117 S. MCLEAN DR.	Vented	1	Yes	Light	Street	Paved - Asphalt	Below Grade	1	36	Brick	7.6	24620A0027.jpg	24620I0028.jpg	E04	33.988	-96.3555			12	ASPHALT DEBRIS IN MH INVERT AND BENCH	
3	24630	Manhole	D	Yes	3165 S. MCLEAN DR.	Solid		No	Light	Street	Paved - Asphalt			36	Brick	11.08	24630A0017.jpg	24630I0018.jpg	E04	33.9868	-96.3555			1		
3	24640	Manhole	D	Yes	120 N. MCLEAN RD.	Vented	2	Yes	None	Road Shoulder	Unpaved	Below Grade	4	Std 48 Round	Brick	7.3	24640A0010.jpg	24640I0011.jpg	E04	33.9895	-96.3555			2		
3	24650	Manhole	X-CNL	CNL	1605 HILCREST AVE.					Street	Paved - Asphalt						No Photo	No Photo	E05							METAL DETECTED
3	24660	Manhole	B	Yes	317 ROBERTS RD.	Solid		No	Moderate	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	6.75	24660A0004.jpg	24660I0005.jpg	E05	33.9868	-96.3529			1		
3	24670	Manhole	B	Yes	309 ROBERTS RD.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	3.74	24670A0012.jpg	24670I0013.jpg	E05	33.9858	-96.3529			0		
3	24671	Manhole	C	Yes	303 ROBERTS RD.	Vented	2	No	Severe	Street	Paved - Asphalt	At Grade		CO 8"	Concrete	1.05	24671A0001.jpg	24671I0002.jpg	E05	33.9854	-96.3529			6		
3	26000	Manhole	X-CNL	CNL	1215 US-70					Trees/Woods	Unpaved						No Photo	No Photo	D04							METAL DETECTED FIELD, TO THICK TO METAL DETECT ALONG THE CREEK. DS IS ESTIMATE.
4	13902	Manhole	B	Yes	1715 UNIVERSITY BLVD.	Vented	9	No	Moderate	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	3.16	13902A0001.jpg	13902I0002.jpg	D03	34.0038	-96.3935			1	32" LID. MH IS IN FRONT OF RAIN GUTTER.	
4	13903	Manhole	C	Yes	1715 UNIVERSITY BLVD.	Vented	9	No	Light	Field	Unpaved	Above Grade	3	Std 48 Round	Brick	2.84	13903A0010.jpg	13903I0011.jpg	D03	34.0036	-96.3935			2	32" LID. DEBRIS IS MIX OF PAPER AND GRAVEL	
4	13904	Manhole	C	Yes	1715 UNIVERSITY BLVD	Vented	1	No	Light	Sidewalk	Paved - Concrete	At Grade		30	Brick	3.66	13904A0017.jpg	13904I0018.jpg	D03	34.004	-96.3938			2	PIPE DEPTHS VERIFIED. EVIDENCE OF SURCHARGE.	
4	14490	Manhole	C	Yes	811 N. 18TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7.1	14490A0027.jpg	14490I0028.jpg	D03	34.0021	-96.3951			2		
4	14491	EOLS	X-Access	No Access	811 N. 18TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
4	14492	EOLS	X-Access	No Access	1802 MARKET ST.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED.
4	14520	Manhole	D	Yes	1524 OLIVE ST.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Sealed Brick	5.68	14520A0006.jpg	14520I0007.jpg	D03	34.0026	-96.3927			2		
4	14521	EOLS	X-Access	No Access	1702 OLIVE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
4	14530	Manhole	D	Yes	1715 UNIVERSITY DR.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	6.1	14530A0025.jpg	14530I0026.jpg	D03	34.0031	-96.3927			0		
4	14540	Manhole	D	Yes	1426 OLIVE ST.	Bolted		Yes	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	5.5	14540A0015.jpg	14540I0016.jpg	D03	34.0026	-96.3916			2	NO BOLTS. BRICK CHIMNEY.	
4	14541	EOLS	X-Access	No Access	1404 OLIVE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
4	14550	Manhole	C	Yes	815 N. 15TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.64	14550A0055.jpg	14550I0056.jpg	D03	34.0021	-96.3916			2		
4	14560	Manhole	C	Yes	824 N. 15TH ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	5.12	14560A0047.jpg	14560I0048.jpg	D03	34.0021	-96.3928			2		
4	14570	Manhole	D	Yes	1624 MAPLE ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.76	14570A0037.jpg	14570I0038.jpg	D03	34.0021	-96.394			1		
4	14571	EOLS	X-Access	No Access	623 N. 17TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
4	15160	Manhole	D	Yes	1009 DONNA SUE DR.	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		36	Brick	6.5	15160A0017.jpg	15160I0018.jpg	D03	34.004	-96.3921			1		
4	15161	EOLS	X-Access	No Access	1009 DONNA SUE DR.					Shoulder	Unpaved	Below Grade					No Photo	No Photo	D03							SPRAYED AND HAMMER
4	15162	EOLS	X-Access	No Access	1009 DONNA SUE DR.					Shoulder	Unpaved	Below Grade					No Photo	No Photo	D03							METAL DETECTED.
4	15170	Manhole	X-CNL	CNL	1410 CORINNE DR.					Alley	Unpaved						No Photo	No Photo	D03							
4	15180	Manhole	B	Yes	1408 WENDELL DR	Vented	1	No	Moderate	Driveway	Paved - Concrete	At Grade		36	Brick	6.4	15180A0010.jpg	15180I0011.jpg	D03	34.0044	-96.3916			1		
4	15190	Manhole	C	Yes	1508 OLIVE ST.	Vented	1	No	Light	Alley																

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
4	16200	Manhole	D	Yes	1021 W. LIVE OAK ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	5.4	16200A0046.jpg	16200I0047.jpg	D03	33.9986	-96.386			2	
4	16210	Manhole	C	Yes	1115 W. LIVE OAK ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	4.8	16210A0037.jpg	16210I0038.jpg	D03	33.9987	-96.3865			1	
4	16211	EOLS	X-Access	No Access	604 N. 12TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16220	Manhole	D	Yes	1116 W. LIVE OAK ST.	Bolted		No	Severe	Drainage Ditch	Paved - Concrete	Above Grade	4	36	Concrete	3.62	16220A0001.jpg	16220I0002.jpg	D03	33.9992	-96.3864			0	CHIMNEY AND CONE ARE CONCRETE. 6 BOLTS.
4	16230	Manhole	D	Yes	616 N.12TH AVE.	Solid		Yes	Light	Alley	Unpaved	Above Grade	1	30	Brick	4.4	16230A0010.jpg	16230I0011.jpg	D03	33.9994	-96.387			2	
4	16231	Manhole	D	Surcharged	616 N. 13TH AVE.	Solid		No	Light	Alley	Unpaved	Above Grade	3	36	Brick	4.88	16231A0018.jpg	16231I0019.jpg	D03	33.9996	-96.3879			5	NO DIAMETER PIC. SURCHARGED.
4	16240	Manhole	D	Yes	515 N. 13TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.5	16240A0028.jpg	16240I0029.jpg	D03	33.9987	-96.3884			2	
4	16241	EOLS	X-Access	No Access	521 N. 13TH ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED.
4	16242	EOLS	X-Access	No Access	517 N. 12TH AVE.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED.
4	16320	Manhole	C	Yes	801 N. 8TH AVE.	Solid		No	Light	Alley	Unpaved	Above Grade	2	30	Sealed Brick	3.68	16320A0046.jpg	16320I0047.jpg	D04	33.9998	-96.3824			1	6 INCH IRON PIPE RUNNING THRU MH. PIPE SIZES VERIFIED.
4	16330	Manhole	B	Yes	801 W. PINE ST.	Vented	2	Yes	None	Alley	Unpaved	At Grade		36	Sealed Brick	6	16330A0053.jpg	16330I0054.jpg	D04	34.0007	-96.3821			2	6 INCH IRON PIPE RUNNING THRU MH. NO LINE COMING IN AT 4 LIKE PLANS SHOW.
4	16350	Manhole	C	Yes	812 W. LOCUST ST.	Solid		No	Light	Street	Paved - Concrete	Above Grade	1	36	Brick	6.12	16350A0060.jpg	16350I0061.jpg	D04	33.9988	-96.3828			2	
4	16360	Manhole	E	Yes	820 W. LIVE OAK ST.	Vented	2	No	Moderate	Street	Paved - Concrete	At Grade		Std 48 Round	Sealed Brick	6.7	16360A0009.jpg	16360I0010.jpg	D03	33.9979	-96.3831			1	PIPE SEAL SEVERE, VOID VISIBLE
4	16370	Manhole	C	Yes	918 W. LIVE OAK ST.	Vented	20	No	Severe	Alley	Paved - Asphalt	Below Grade	3	36	Brick	5.3	16370A0001.jpg	16370I0002.jpg	D03	33.9981	-96.3843			1	
4	16380	Manhole	X-CNL	CNL	623 N. 9TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16390	Manhole	B	Yes	1006 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8.4	16390A0001.jpg	16390I0002.jpg	D03	33.9975	-96.3857			1	
4	16391	Manhole	B	Yes	1006 W. ELM ST.	Vented	2	Yes	None	Alley	Unpaved	Above Grade	1	Std 48 Round	Concrete	6.72	16391A0010.jpg	16391I0011.jpg	D03	33.9976	-96.3857			1	
4	16392	EOLS	X-Access	No Access	1017 W. ELM ST.					Alley	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16400	Manhole	B	Yes	1023 W. ELM ST.	Vented	4	Yes	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.4	16400A0001.jpg	16400I0002.jpg	D03	33.9976	-96.3863			1	
4	16401	EOLS	X-Access	No Access	1105 W. ELM ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16410	Manhole	B	Yes	1208 W. MULBERRY ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.66	16410A0001.jpg	16410I0002.jpg	D03	34.0009	-96.387			2	
4	16411	Manhole	C	Yes	1208 W. MULBERRY ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.94	16411A0009.jpg	16411I0010.jpg	D03	34.0009	-96.3871			2	
4	16412	EOLS	X-Access	No Access	1208 W. LOCUST ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
4	16420	Manhole	B	Yes	1218 LENORE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.34	16420A0056.jpg	16420I0057.jpg	D03	34.0013	-96.387			0	
4	16421	Manhole	D	Yes	1218 LENORE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	4.06	16421A0064.jpg	16421I0065.jpg	D03	34.0013	-96.387			1	NO PIPE AT 9 IS DEFECT
4	16422	Manhole	B	Yes	1218 LENORE ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	3.9	16422A0073.jpg	16422I0074.jpg	D03	34.0013	-96.3873			2	
4	16424	Manhole	B	Yes	1224 DALLAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	3.84	16424A0079.jpg	16424I0080.jpg	D03	34.0024	-96.3873			0	
4	16425	EOLS	X-Access	No Access	1224 DALLAS ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16426	Manhole	C	Yes	1320 DALLAS ST.	Solid		Yes	None	Street	Paved - Asphalt	At Grade		36	Sealed Brick	3	16426A0020.jpg	16426I0021.jpg	D03	34.0024	-96.3885			2	NO PIPE AT 12 O'CLOCK.
4	16427	EOLS	X-Access	No Access	1406 DALLAS ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16430	Manhole	D	Yes	714 N. 14TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Sealed Brick	6.82	16430A0018.jpg	16430I0019.jpg	D03	34.0012	-96.3881			1	
4	16431	EOLS	X-Access	No Access	1324 W. LOCUST ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
4	16440	Manhole	C	Yes	1221 DALLAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	4.92	16440A0032.jpg	16440I0033.jpg	D03	34.0023	-96.3869			2	PIPE DIAM'S VERIFIED.
4	16441	Manhole	B	Yes	1204 DALLAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.46	16441A0044.jpg	16441I0045.jpg	D03	34.0023	-96.3864			1	
4	16442	EOLS	X-Access	No Access	1221 DALLAS ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
4	16450	Manhole	C	Yes	619 N. 14TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5	16450A0013.jpg	16450I0014.jpg	D03	33.9999	-96.3892			3	
4	16451	Manhole	B	Yes	603 N. 13TH AVE.	Solid		No	Light	Alley	Unpaved	Above Grade	1	Std 48 Round	Concrete	4.76	16451A0020.jpg	16451I0021.jpg	D03	33.9997	-96.3884			1	
4	16452	EOLS	X-Access	No Access	603 N. 13TH AVE.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
4	20660	Manhole	X-CNL	CNL	718 W. LIVE OAK ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED.
4	20670	Manhole	B	Yes	718 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	9.58	20670A0001.jpg	20670I0002.jpg	D04	33.9966	-96.3823			1	
4	20671	EOLS	X-Access	No Access	718 W. ELM ST.					Alley	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
4	20680	Manhole	B	Yes	809 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	12.32	20680A0001.jpg	20680I0002.jpg	D04	33.9969	-96.3835			0	EVIDENCE OF SURCHARGE.
4	20690	Manhole	B	Yes	920 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	12.16	20690A0114.jpg	20690I0115.jpg	D03	33.9972	-96.3846			1	
4	20691	Manhole	D	Yes	920 W. ELM ST.	Vented	22	No	Severe	Alley	Paved - Asphalt	At Grade		36	Brick	8.74	20691A0121.jpg	20691I0122.jpg	D04	33.9974	-96.3845			2	INFLOW DISH ON BENCH. COULD NOT REMOVE
4	20692	EOLS	X-Access	No Access	920 W. ELM ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
4	22700	Manhole	B	Yes	618 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.88	22700A0103.jpg	22700I0104.jpg	D04	33.9964	-96.3812			0	DEPTHS VERIFIED
4	22701	EOLS	X-Access	No Access	618 W. ELM ST.					Creek	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
4	22710	Manhole	B	Yes	512 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	7.54	22710A0096.jpg	22710I0097.jpg	D04	33.9961	-96.3801			2	
4	22711	EOLS	X-Access	No Access	512 W. ELM ST.					Alley	Unpaved						No Photo	No Photo	D04						METAL DETECTED
4	22720	Manhole	B	Yes	420 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.72	22720A0081.jpg	22720I0082.jpg	D04	33.9958	-96.3789			0	
4	22721	EOLS	X-Access	No Access	420 W. ELM ST.					Alley	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
4	22730	Manhole	X-CNL	CNL	617 N. 4TH AVE.					Alley	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED.
4	23030	Manhole	B	Yes	317 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.44	23030A0089.jpg	23030I0090.jpg	D04	33.9955	-96.3778			1	
4	23031	EOLS	X-Access	No Access	317 W. ELM ST.					Alley	Paved						No Photo	No Photo	D04						
4	23032	EOLS	X-Access	No Access	317 W. ELM ST.					Alley	Unpaved						No Photo	No Photo	D04						
4	23040	Manhole	B	Yes	214 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.62	23040A0009.jpg	23040I0010.jpg	D04	33.9952	-96.3766			0	
4	23041	EOLS	X-Access	No Access	214 W. ELM ST.					Alley	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
4	23050	Manhole	B	Yes	107 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.58	23050A0009.jpg	23050I0010.jpg	D04	33.9949	-96.3755			0	
4	23051	Manhole	B	Yes	422 N. 1ST AVE.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	5.84	23051A0018.jpg	23051I0019.jpg	D04	33.9947	-96.3748			1	
4	23060	Manhole	D	Yes	44 W. LIVE OAK ST.	Vented	28	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.36	23060A0012.jpg	23060I0013.jpg	D04	33.9955	-96.3738			2	
4	23070	Manhole	C	Yes	44 W. LIVE OAK ST.	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	5.72	23070A0020.jpg	23070I0021.jpg	D04	33.9955	-96.3736			3	
4	23080	Manhole	D	Yes	41 W. LIVE OAK ST.	Solid		No	Light	Alley	Paved - Asphalt	At Grade		36	Brick	5.9	23080A0028.jpg	23080I0029.jpg	D04	33.996	-96.3734			2	CHIMNEY PARTIAL SEALED.
4	23081	EOLS	X-Access	No Access	616 N. 1ST AVE.					Alley	Unpaved						No Photo	No Photo	D04						METAL DETECTED.
4	23090	Manhole	D	Yes	405 W. LOCUST ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.66	23090A0038.jpg	23090I0039.jpg	D04	33.9964	-96.3733			1	
4	23091	EOLS	X-Access	No Access	54 W. LOCUST ST.																				

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
4	25340	Manhole	B	Yes	804 N. 12TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Concrete	3.4	25340A0011.jpg	25340I0012.jpg	D03	34.0013	-96.3864			1	MOSTLY ROUND	
4	25350	Manhole	B	Yes	1320 LENORE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	3.4	25350A0085.jpg	25350I0086.jpg	D03	34.0014	-96.3883			1	CHIMNEY IS PARTIAL BRICK.	
4	25360	Manhole	B	Yes	201 N. GRANT AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.94	25360A0014.jpg	25360I0015.jpg	D03	34.0024	-96.3897			1		
4	25361	EOLS	X-Access	No Access	1424 DALLAS ST.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
4	25362	Manhole	B	Yes	1020 GRANT AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	4.6	25362A0027.jpg	25362I0028.jpg	D03	34.0031	-96.3897			0		
5	15460	Manhole	X-CNO	CNO	404 WASHINGTON AVE.	Vented	2			Street	Paved - Asphalt	At Grade					15460A0069.jpg	No Photo	D03	33.9981	-96.3904				SPRAYED AND HAMMERED.	
5	15461	Manhole	B	Yes	1501 W. ELM ST.	Solid		No	Light	Alley	Unpaved	At Grade		Std 48 Round	Concrete	4.24	15461A0001.jpg	15461I0002.jpg	D03	33.9981	-96.3915			3		
5	15462	Manhole	C	Yes	1501 W. ELM ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	3.82	15462A0006.jpg	15462I0007.jpg	D03	33.9981	-96.3916			1		
5	15463	EOLS	X-Access	No Access	1603 W. ELM ST.					Alley	Unpaved						No Photo	No Photo	D03							METAL DETECTED
5	16250	Manhole	D	Yes	1223 W. ELM ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.94	16250A0017.jpg	16250I0018.jpg	D03	33.9977	-96.3888			2		
5	16251	EOLS	X-Access	No Access	415 N. 12TH AVE.					Alley	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
5	16252	Manhole	D	Surcharged	1324 N. 14TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		42	Brick	5.76	16252A0011.jpg	16252I0012.jpg	D03	33.998	-96.3899			2	MH IS SURCHARGING DURING INSPECTION.	
5	19810	Manhole	B	Yes	321 N WASHINGTON AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	4.6	19810A0070.jpg	19810I0071.jpg	D03	33.9974	-96.3904			1		
5	20480	Manhole	C	Yes	1302 W. CEDAR ST.	Vented	23	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	5.52	20480A0001.jpg	20480I0002.jpg	D03	33.9972	-96.3889			2		
5	20481	Manhole	B	Yes	1324 W. CEDAR ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	4.12	20481A0012.jpg	20481I0013.jpg	D03	33.9975	-96.3899			1		
5	20482	EOLS	X-Access	No Access	307 N. 13TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
5	20490	Manhole	C	Yes	1220 W. CEDAR ST.	Solid		Yes	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.86	20490A0029.jpg	20490I0030.jpg	D03	33.9971	-96.3884			1		
5	20491	EOLS	X-Access	No Access	1220 W CEDAR ST					Alley	Unpaved						No Photo	No Photo	D03							METAL DETECTED
5	20610	Manhole	D	Yes	1102 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.56	20610A0009.jpg	20610I0010.jpg	D03	33.9967	-96.3867			1		
5	20611	EOLS	X-Access	No Access	1102 W. CEDAR ST.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED.
5	20620	Manhole	C	Yes	1024 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	6.5	20620A0019.jpg	20620I0020.jpg	D03	33.9966	-96.3861			1		
5	20621	EOLS	X-Access	No Access	1024 W. CEDAR ST.					Alley	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED.
5	20630	Manhole	D	Yes	918 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7.18	20630A0104.jpg	20630I0105.jpg	D03	33.9963	-96.3849			3	CONCRETE CHIMNEY AND CONE.	
5	20631	EOLS	X-Access	No Access	918 W. CEDAR ST.					Alley	Unpaved						No Photo	No Photo	D03							METAL DETECTED.
5	20640	Manhole	D	Yes	817 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7.92	20640A0089.jpg	20640I0090.jpg	D03	33.996	-96.3838			2		
5	20641	Manhole	B	Yes	818 W. BEECH ST.	Solid		No	Light	Alley	Unpaved	At Grade		32	Concrete	4.2	20641A0099.jpg	20641I0100.jpg	D03	33.9952	-96.3841			2		
5	20642	EOLS	X-Access	No Access	809 W. ELM ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	D03							
5	20650	Manhole	C	Yes	716 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	8.26	20650A0068.jpg	20650I0069.jpg	D04	33.9957	-96.3827			2		
5	20651	EOLS	X-Access	No Access	716 W. CEDAR ST.					Alley	Paved						No Photo	No Photo								
5	20652	Manhole	C	Yes	714 W. BEECH ST.	Solid		No	Light	Alley	Unpaved	Above Grade	1	24	Brick	2.96	20652A0078.jpg	20652I0079.jpg	D04	33.9949	-96.383			4		
5	20653	Manhole	B	Yes	401 N. 8TH AVE.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	6.4	20653A0084.jpg	20653I0085.jpg	D04	33.9958	-96.3832			3	PIPE CROWN NOT CUT OUT	
5	20654	EOLS	X-Access	No Access	414 N. 8TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04							METAL DETECTED
5	20700	Manhole	D	Yes	610 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	36	Brick	6.74	20700A0023.jpg	20700I0024.jpg	D04	33.9954	-96.3815			1		
5	20701	EOLS	X-Access	No Access	610 W. CEDAR ST.					Alley	Paved - Asphalt						No Photo	No Photo	D04							METAL DETECTED
5	21830	Manhole	B	Yes	321 W. ARKANSAS ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.6	21830A0042.jpg	21830I0043.jpg	E04	33.9901	-96.3803			1		
5	21850	Manhole	B	Yes	223 W. ARKANSAS ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.94	21850A0034.jpg	21850I0027.jpg	E04	33.9896	-96.3781			1		
5	21851	Manhole	B	Yes	301 W. ARKANSAS ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.94	21851A0034.jpg	21851I0035.jpg	E04	33.9898	-96.3792			1		
5	21900	Manhole	C	Yes	9 W. ARKANSAS ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.56	21900A0018.jpg	21900I0019.jpg	E04	33.9892	-96.3766			1		
5	21910	Manhole	D	Yes	115 W. ARKANSAS ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7.4	21910A0001.jpg	21910I0002.jpg	E04	33.989	-96.3759			1	SITE 9. MOVED FROM 23780 TO HERE. 2 INCHES OF FLOW. FAIR VELOCITY. GOOD HYDROLOGICS. NO DEBRIS.	
5	21920	Manhole	C	Yes	101 CEMETERY RD.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.72	21920A0009.jpg	21920I0010.jpg	E04	33.9887	-96.3751			1		
5	21930	Manhole	X-CNL	CNL	101 CEMETERY RD.					Parking Lot	Unpaved						No Photo	No Photo	E04							METAL DETECTED PARKINGLOT AND STREET. ONLY FOUND OLD TRAIN TRACKS AND PARTS
5	22740	Manhole	D	Yes	417 W. CEDAR ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.7	22740A0110.jpg	22740I0111.jpg	D04	33.9948	-96.3793			1	32" LID.	
5	22750	Manhole	B	Yes	401 N. 6TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.56	22750A0016.jpg	22750I0017.jpg	D04	33.9953	-96.381			2		
5	22751	EOLS	X-Access	No Access	603 W. BEECH ST.					Street	Paved - Asphalt						No Photo	No Photo	D04							METAL DETECTED
5	22830	Manhole	C	Yes	120 S. 5TH AVE.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.52	22830A0069.jpg	22830I0070.jpg	E04	33.9913	-96.3812			1		
5	22831	EOLS	X-Access	No Access	120 S. 5TH AVE.					Alley	Paved						No Photo	No Photo	E04							
5	22840	Manhole	D	Yes	117 S. 5TH AVE.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.9	22840A0060.jpg	22840I0061.jpg	E04	33.9908	-96.3813			1		
5	22850	Manhole	B	Yes	113 S. 4TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	7.2	22850A0052.jpg	22850I0053.jpg	E04	33.9905	-96.3802			1		
5	22863	Manhole	B	Yes	120 S. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.3	22863A0077.jpg	22863I0078.jpg	E04	33.9913	-96.3811			3	IRON PIPE RUNNING THROUGH MH	
5	22960	Manhole	D	Yes	201 E. CEDAR ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	12.48	22960A0021.jpg	22960I0022.jpg	D04	33.9935	-96.3741			0		
5	22961	EOLS	X-Access	No Access	201 E. CEDAR ST.					Street	Paved - Asphalt						No Photo	No Photo	D04							METAL DETECTED
5	22962	Manhole	B	Yes	37 W. BEECH ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		32	Sealed Brick	11.14	22962A0079.jpg	22962I0080.jpg	D04	33.9926	-96.3746			0		
5	22970	Manhole	D	Yes	201 E. CEDAR ST.	Vented	22	Yes	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Brick	9.02	22970A0034.jpg	22970I0035.jpg	D04	33.9933	-96.3729			4	PIPE DEPTHS VERIFIED.	
5	22980	Manhole	X-CNL	CNL	201 E. CEDAR ST.					Yard	Unpaved						No Photo	No Photo	D04							METAL DETECTED
5	22990	Manhole	C	Yes	201 E. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.78	22990A0011.jpg	22990I0012.jpg	D04	33.9936	-96.3745			1	DEPTHS VERIFIED.	
5	22991	EOLS	X-Access	No Access	201 E. CEDAR ST.					Alley	Unpaved						No Photo	No Photo	D04							METAL DETECTED
5	23000	Manhole	D	Yes	107 W. CEDAR ST.	Vented	60	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	5.72	23000A0001.jpg	23000I0002.jpg	D04	33.994	-96.3758			1		
5	23001	EOLS	X-Access	No Access	107 W. CEDAR ST.					Alley	Unpaved						No Photo	No Photo	D04							
5	23002	EOLS	X-Access	No Access	401 N. 1ST AVE.					Alley	Unpaved						No Photo	No Photo	D04							METAL DETECTED
5	23010	Manhole	C	Yes	214 W. CEDAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.11	23010A0061.jpg	23010I0062.jpg	D04	33.9943	-96.377			1		
5	23011	EOLS	X-Access	No Access	200 W. BEECH ST.					Alley	Paved - Asphalt						No Photo	No Photo	D04							METAL DETECTED.
5	23012	EOLS	X-Access	No Access	214 W. CEDAR ST.					Alley	Unpaved						No Photo	No Photo	D04							METAL DETECTED
5	23020	Manhole	C	Yes	314 W. CEDAR ST.	Vented	60	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	7.2	23020A0071.jpg	23020I0072.jpg	D04	33.9946	-96.3781			1		
5	23021	EOLS	X-Access	No Access	223 N. 3RD AVE.					Alley	Unpaved						No Photo	No Photo	D04							METAL DETECTED
5	23022	EOLS																								

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
5	23660	Manhole	X-CNL	CNL	802 NE. 2ND AVE.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED.
5	23710	Manhole	X-CNL	CNL	525 NE 5TH AVE.					Yard	Unpaved						No Photo	No Photo	D04						METAL DETECTED
5	23720	Manhole	D	Yes	418 E. LOCUST ST.	Vented	23	Yes	None	Road Shoulder	Unpaved	Above Grade	3	26	Brick	2.88	23720A0046.jpg	23720I0047.jpg	D04	33.9944	-96.3677			3	
5	23730	Manhole	C	Yes	318 E. FLORIDA ST.	Vented	18	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.2	23730A0038.jpg	23730I0039.jpg	E04	33.9895	-96.3694			1	
5	23731	EOLS	X-Access	No Access	318 E. FLORIDA ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E04						
5	23740	Manhole	C	Yes	106 SE 3RD AVE.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		36	Brick	6.1	23740A0025.jpg	23740I0026.jpg	E04	33.9896	-96.3704			1	
5	23750	Manhole	C	Yes	115 SE 2ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.1	23750A0009.jpg	23750I0010.jpg	E04	33.9897	-96.3716			4	
5	23760	Manhole	C	Yes	101 E. MAIN ST.	Vented	14	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.74	23760A0001.jpg	23760I0002.jpg	E04	33.9898	-96.3728			1	
5	23761	EOLS	X-Access	No Access	101 E. MAIN ST.					Street	Paved	Below Grade					No Photo	No Photo	E04						
5	23770	Manhole	D	Yes	214 SE 1ST AVE.	Vented	18	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	5.87	23770A0017.jpg	23770I0018.jpg	E04	33.9889	-96.373			1	
5	23780	Manhole	D	Yes	202 SE 2ND AVE.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.34	23780A0001.jpg	23780I0002.jpg	E04	33.9888	-96.3717			3	METER SITE 9 IS GOOD.
5	23790	Manhole	C	Yes	217 SE 3RD AVE.	Solid		No	Light	Alley	Unpaved	Above Grade	1	36	Brick	3.62	23790A0016.jpg	23790I0017.jpg	E04	33.9887	-96.3705			1	
5	23800	Manhole	C	Yes	106 SE 3RD AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.56	23800A0025.jpg	23800I0026.jpg	E04	33.9892	-96.3705			1	
5	23810	Manhole	D	Yes	321 E. FLORIDA ST.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.62	23810A0072.jpg	23810I0073.jpg	E04	33.9891	-96.3694			1	
5	23841	Manhole	X-Buried	Buried	209 SE 5TH AVE.					Street	Paved - Asphalt						23841A0035.jpg	No Photo	E04	33.9885	-96.3682				
5	25270	Manhole	C	Yes	201 E. CEDAR ST.	Vented	2	No	Light	Driveway	Unpaved	Above Grade	4	Std 48 Round	Brick	11.65	25270A0051.jpg	25270I0052.jpg	D04	33.9936	-96.3718			0	
5	25280	Manhole	C	Yes	515 NE 2ND AVE	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	10.88	25280A0077.jpg	25280I0078.jpg	D04	33.9935	-96.3704			1	
6	22090	Manhole	X-CNL	CNL	1015 CEMETERY RD.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DTECTED
6	22100	Manhole	X-CNO	CNO	1015 CEMETERY RD.	Solid			Light	Drainage Ditch	Unpaved	Below Grade	7				22100A0022.jpg	No Photo	E04	33.9847	-96.3758				
6	22110	Manhole	D	Yes	1015 CEMETERY RD.	Vented	2	No	Severe	Drainage Ditch	Unpaved	Above Grade	4	36	Brick		22110A0023.jpg	22110I0024.jpg	E04	33.9843	-96.3759			12	SURCHARGED 2FT 8IN DEEP.
6	22120	Manhole	X-CNL	CNL	1015 CEMETERY RD.					Trees/Woods	Unpaved						No Photo	No Photo	E04						METAL DETECTED
6	22150	Manhole	D	Yes	12 E. ALABAMA ST.	Vented	2	No	None	Street	Paved - Asphalt	Above Grade	2	Std 48 Round	Brick	7.12	22150A0010.jpg	22150I0011.jpg	E04	33.9846	-96.3754			2	NO FLOW
6	22170	Manhole	X-Buried	Buried	627 E. ALABAMA ST.					Street	Paved - Asphalt						22170A0002.jpg	No Photo	E04	33.9844	-96.3737				
6	22171	EOLS	X-Access	No Access	627 E. ALABAMA ST.					Field	Unpaved	Below Grade					No Photo	No Photo	E04						
6	22180	Manhole	X-Buried	Buried	627 E. ALABAMA ST.					Street	Paved - Asphalt						22180A0001.jpg	No Photo	E04	33.9844	-96.3737				
6	22200	Manhole	D	Yes	627 SE 1ST ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	sealed Concret	4.78	22200A0025.jpg	22200I0026.jpg	E04	33.9856	-96.3735			6	DEPTHS VERIFIED
6	22201	EOLS	X-Access	No Access	627 SE 1ST ST.					Street	Paved	Below Grade					No Photo	No Photo	E04						
6	22210	Manhole	D	Yes	627 SE 1ST ST.	Bolted		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	4.7	22210A0035.jpg	22210I0036.jpg	E04	33.9856	-96.3735			3	0 BOLTS
6	22230	Manhole	X-CNO	CNO	627 SE 1ST ST.	Vented	2		None	Road Shoulder	Unpaved	At Grade					22230A0024.jpg	No Photo	E04	33.9848	-96.3736				
6	22250	Manhole	X-CNO	CNO	414 SE 1ST AVE.	Solid			None	Road Shoulder	Unpaved	At Grade					22250A0069.jpg	No Photo	E04	33.9866	-96.3734				
6	22260	Manhole	X-CNL	CNL	414 SE 1ST AVE.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED
6	22270	Manhole	B	Yes	414 SE. 1ST AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8.45	22270A0063.jpg	22270I0064.jpg	E04	33.9871	-96.3733			3	CHIMNEY IS BRICK
6	22280	Manhole	C	Yes	414 E 1ST ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8.5	22280A0054.jpg	22280I0055.jpg	E04	33.9871	-96.3733			1	
6	22300	Manhole	D	Yes	101 E. TEXAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	14.9	22300A0035.jpg	22300I0036.jpg	E04	33.9875	-96.3731			1	DEPTHS VERIFIED
6	22301	Manhole	D	Yes	101 E. TEXAS ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	13.84	22301A0043.jpg	22301I0044.jpg	E04	33.9875	-96.3732			1	
6	22570	Manhole	X-CNL	CNL	1015 CEMETERY RD.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED
6	22580	Manhole	D	Yes	1015 CEMETERY RD.	Vented	19	No	Severe	Street	Paved - Asphalt	At Grade		36	Brick	5.48	22580A0001.jpg	22580I0002.jpg	E04	33.9862	-96.3767			1	PICTURE 7 IS OF A 6 INCH PIPE RUNNING CLEAN THROUGH MH
6	22581	EOLS	X-Access	No Access	1015 CEMETERY RD.					Street	Paved	Below Grade					No Photo	No Photo	E04						
6	23842	Manhole	X-Buried	Buried	220 SE 5TH AVE.					Street	Paved - Asphalt						23842A0044.jpg	No Photo	E04	33.988	-96.3683				
6	23870	Manhole	C	Yes	324 E. ARKANSAS ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	11.7	23870A0002.jpg	23870I0003.jpg	E04	33.9881	-96.3695			1	
6	23871	EOLS	X-Access	No Access	324 E. ARKANSAS ST.					Street	Paved	Below Grade					No Photo	No Photo	E04						
6	23900	Manhole	D	Yes	301 E. ARKANSAS ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	Above Grade	2	Std 48 Round	Brick	14.76	23900A0016.jpg	23900I0017.jpg	E04	33.9882	-96.3706			2	DEPTHS VERIFIED
6	23910	Manhole	B	CNL	220 SE 2ND AVE.					Street	Paved - Asphalt	At Grade					No Photo	No Photo	E04						METAL DETECTED
6	23930	Manhole	X-CNO	CNO	301 SE 3RD AVE.	Solid				Street	Unpaved	Above Grade	1				23930A0015.jpg	No Photo	E04	33.9873	-96.3708				
6	23940	Manhole	D	Yes	202 E. TEXAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	13.01	23940A0026.jpg	23940I0027.jpg	E04	33.9874	-96.3719			2	
7	22130	Manhole	X-CNL	CNL	1015 CEMETERY RD.					Trees/Woods	Unpaved						No Photo	No Photo	E04						METAL DETECTED LARGE AREA. LOTS OF METAL DEBRIS
7	22140	Manhole	B	Yes	12 E. ALABAMA ST.	Vented	2	No	Light	Street	Paved - Asphalt	Above Grade	2	Std 48 Round	Concrete	6.38	22140A0018.jpg	22140I0019.jpg	E04	33.9846	-96.3754			1	32INCH LID
7	22160	Manhole	C	Yes	627 E. ALABAMA ST.	Bolted		No	Moderate	Road Shoulder	Unpaved	Below Grade	4	Std 48 Round	Concrete	3	22160A0003.jpg	22160I0004.jpg	E04	33.9844	-96.3737			1	NO BOLTS
7	22190	Manhole	X-CNL	CNL	627 E. ALABAMA ST.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECED.
7	22220	Manhole	B	Yes	627 SE 1ST ST.	Bolted		No	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	3.8	22220A0046.jpg	22220I0047.jpg	E04	33.9853	-96.3735			1	0 BOLTS
7	22240	Manhole	B	Yes	414 SE 1ST AVE.	Vented	1	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.92	22240A0070.jpg	22240I0071.jpg	E04	33.9862	-96.3734			1	CHIMNEY IS BRICK
7	22290	Manhole	X-Buried	Buried	414 SE 1ST AVE.					Street	Paved - Asphalt						22290A0053.jpg	No Photo	E04	33.9871	-96.3732				
7	22310	Manhole	C	Yes	1015 CEMETERY RD.	Vented	1	No	None	Trees/Woods	Unpaved	Above Grade	9	Std 48 Round	Concrete	6.96	22310A0069.jpg	22310I0070.jpg	E04	33.9841	-96.3765			1	32 INCH LID
7	22320	Manhole	B	Yes	1015 CEMETERY RD.	Vented	1	No	None	Trees/Woods	Unpaved	Above Grade	21	Std 48 Round	Concrete	8.06	22320A0063.jpg	22320I0064.jpg	E04	33.9844	-96.3771			3	EVIDENCE OF SURCHARGE. 32 INCH LID
7	22330	Manhole	D	Yes	1620 CEMETARY RD.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	5.7	22330A0001.jpg	22330I0002.jpg	E04	33.9847	-96.3777			2	METER SITE 10 IS GOOD.
7	22340	Manhole	C	Yes	1620 CEMETARY RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	25	Std 48 Round	Concrete	4.82	22340A0014.jpg	22340I0015.jpg	E04	33.9846	-96.3777			4	SITE 12 IS GOOD.
7	22350	Manhole	C	Yes	1015 CEMETERY RD.	Vented	2	No	None	Trees/Woods	Unpaved	Above Grade	48	Std 48 Round	Concrete	5.8	22350A0050.jpg	22350I0051.jpg	E04	33.9847	-96.3779			3	DUAL OUT PIPES TO 22330
7	22360	Manhole	C	Yes	621 S. 1ST AVE	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.36	22360A0026.jpg	22360I0027.jpg	E04	33.9849	-96.3783			1	
7	22390	Manhole	C	Yes	106 W. GEORGIA ST	Vented	1	No	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	9.75	22390A0001.jpg	22390I0002.jpg	NA	33.9841	-96.3788			3	DEBRIS AT OUT PIPE. GOOD FLOW OVERALL.
7	22590	Manhole	D	Yes	1015 CEMETARY RD.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Below Grade	2	Std 48 Round	Concrete	3.4	22590A0021.jpg	22590I0022.jpg	E04	33.9841	-96.378			4	EVIDENCE OF SURCHARGE.
7	22600	Manhole	B	Yes	1015 CEMETARY RD.	Solid		No	Moderate	Field	Unpaved	At Grade		Std 48 Round	Concrete	3.36	22600A0032.jpg	22600I0033.jpg	E03	33.9831	-96.378			1	
7	22610	Manhole	C	Yes	1015 CEMETARY RD.	Solid		No	Light	Field	Unpaved	Above Grade	4	Std 48 Round	Concrete	5.4	22610A0039.jpg	22610I0040.jpg	E04	33.9822	-96.3786			2	EVIDENCE OF SURCHARGE.
7	22620	Manhole	X-CNL	CNL	1015 CEMETARY RD.					Field	Unpaved						No Photo	No Photo	E03						METAL DETECTED 2 FIELDS.
7	22630	Manhole																							

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
7	24070	Manhole	B	Yes	212 E. GEORGIA ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	11.05	24070A0001.jpg	24070I0002.jpg	E04	33.9832	-96.3715			2	
7	24071	Manhole	B	Yes	807 SE. 3RD AVE.	Solid		No	Moderate	Road Shoulder	Unpaved	At Grade		Std 48 Round	Fiberglass	13.48	24071A0010.jpg	24071I0011.jpg	E04	33.9821	-96.3717			1	
7	24072	Manhole	E	Yes	807 SE 3RD AVE.					Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Fiberglass	0	24072A0027.jpg	24072I0028.jpg	E04	33.98	-96.3725				NO LID FOUND, MH IS UNSAFE . FILLED WITH DEBRIS
7	24073	Manhole	X-CNO	CNO	807 SE 3RD AVE.					Road Shoulder	Unpaved	Above Grade	5				24073A0026.jpg	No Photo	E04	33.9796	-96.3726				
7	24074	Manhole	D	Yes	1325 SE 3RD AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	21	Std 48 Round	Fiberglass	5.26	24074A0018.jpg	24074I0019.jpg	E04	33.9789	-96.3728			1	
7	24075	Manhole	X-Access	No Access	1325 SE 3RD AVE.					Shoulder	Unpaved						No Photo	No Photo	E04						
7	24080	Manhole	X-CNL	CNL	212 E. GEORGIA ST.					Road Shoulder	Unpaved	Below Grade					No Photo	No Photo	E04						
7	24090	Manhole	X-CNL	CNL	729 SE 3RD AVE.					Trees/Woods	Unpaved						No Photo	No Photo	E04						
7	24100	Manhole	X-CNL	CNL	729 SE 3RD AVE.					Trees/Woods	Unpaved						No Photo	No Photo	E04						
7	24740	Manhole	B	Yes	809 S. 3RD AVE.	Vented	2	No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Concrete	3.24	24740A0001.jpg	24740I0002.jpg	E03	33.9812	-96.3813			1	EVIDENCE OF SURCHARGE. BASEBALL PARK.
8	13340	Manhole	D	Yes	3601 W. MAIN ST.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.3	13340A0013.jpg	13340I0014.jpg	D02	33.9982	-96.4107			1	PRIVATE PER CITY OF DURANT.
8	13341	EOLS	X-Access	No Access	3601 W. MAIN ST.					Parking Lot	Paved	Below Grade					No Photo	No Photo	D02						
8	13350	Manhole	D	Yes	2502 W. MAIN ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Brick	4.56	13350A0090.jpg	13350I0091.jpg	D03	33.9991	-96.408			2	PIPE DEPTHS VERIFIED.
8	13360	Manhole	X-CNL	CNL	2430 W. MAIN ST.					Parking Lot	Paved - Concrete						No Photo	No Photo	D03						
8	13370	Manhole	D	Yes	3615 W. ARKANSAS ST.	Solid		No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	7.73	13370A0055.jpg	13370I0056.jpg	B03	33.9969	-96.4133			2	METAL DETECTED
8	13380	Manhole	C	Yes	3615 W. ARKANSAS ST.	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	3.42	13380A0038.jpg	13380I0039.jpg	B03	33.9974	-96.4133			1	32" LID
8	13390	Manhole	C	Yes	3615 W. ARKANSAS ST.	Vented	9	No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	8.46	13390A0046.jpg	13390I0047.jpg	B03	33.9975	-96.4138			1	32" LID.
8	13400	Manhole	C	Yes	3801 W. MAIN ST.	Vented	9	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	7	13400A0066.jpg	13400I0067.jpg	B03	33.9985	-96.4138			1	32" LID. BR CHIMNEY.
8	13410	Manhole	C	Yes	3817 W. MAIN ST.	Vented	9	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	8.02	13410A0075.jpg	13410I0076.jpg	B03	33.9985	-96.414			0	32" LID.
8	13420	Manhole	C	Yes	3828 W. MAIN ST.	Vented	9	No	Light	Parking Lot	Paved - Asphalt	Above Grade	2	Std 48 Round	sealed Concret	8.18	13420A0085.jpg	13420I0086.jpg	B03	33.9988	-96.4142			1	32" LID. CHIMNEY IS SEALED BRICK.
8	13430	Manhole	C	Yes	3918 W. MAIN ST.	Vented	9	No	Light	Parking Lot	Paved - Asphalt	Above Grade	1	Std 48 Round	sealed Concret	7.48	13430A0094.jpg	13430I0095.jpg	B03	33.9985	-96.4149			1	32" LID
8	13440	Manhole	X-CNL	CNL	4102 W. MAIN ST.					Road Shoulder	Unpaved						No Photo	No Photo	B03						
8	13441	Manhole	C	Yes	4019 W. HWY 70	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	10	Std 48 Round	Concrete	5.72	13441A0002.jpg	13441I0003.jpg	B03	33.9977	-96.4161			1	METAL DETECTED.
8	13450	Manhole	D	Yes	2929 W. MAIN ST.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	35	36	Brick	4.72	13450A0024.jpg	13450I0025.jpg	D02	33.9979	-96.4095			0	
8	13460	Manhole	D	Yes	2501 W. MAIN ST.	Solid		No	Light	Parking Lot	Paved - Concrete	At Grade		36	Brick	11.24	13460A0035.jpg	13460I0036.jpg	D02	33.9977	-96.4085			2	BEHIND VERIZON WIRELESS.
8	14370	Manhole	B	Yes	615 WESTSIDE DR.	Solid		No	Light	Drainage Ditch	Paved - Concrete	Above Grade	21	Std 48 Round	Concrete	4.38	14370A0001.jpg	14370I0002.jpg	D03	34.0019	-96.404			2	PIPES 1 AND 2 ARE NOT CUT OUT. NO DIAMETER PIC.
8	14371	EOLS	X-Access	No Access	851 WESTSIDE DR.					Parking Lot	Paved - Concrete						No Photo	No Photo	D03						
8	14380	Manhole	C	Yes	501 WESTSIDE DR.	Solid		No	Light	Drainage Ditch	Unpaved	Above Grade	34	Std 48 Round	Concrete	8.14	14380A0007.jpg	14380I0008.jpg	D03	34.0019	-96.4047			1	METAL DETECTED.
8	14390	Manhole	C	Yes	417 CRISWELL BLVD.	Solid		No	Moderate	Yard	Unpaved	Below Grade	4	Std 48 Round	Concrete	6.2	14390A0045.jpg	14390I0046.jpg	D03	34.0019	-96.4058			1	
8	14400	Manhole	X-CNL	CNL	417 CRISWELL BLVD.					Yard	Unpaved						No Photo	No Photo	D03						
8	14401	Manhole	B	Yes	1012 RADIO RD.	Solid		No	None	Yard	Unpaved	Above Grade	7	Std 48 Round	Fiberglass	4.86	14401A0015.jpg	14401I0016.jpg	D03	34.0019	-96.4072			0	METAL DETECTED
8	14402	Manhole	B	Yes	1012 RADIO DR.	Solid		No	None	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Fiberglass	4.52	14402A0020.jpg	14402I0021.jpg	D03	34.0019	-96.4077			0	
8	14403	Manhole	B	Yes	3199 SHAMROCK LN.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	3.14	14403A0026.jpg	14403I0027.jpg	D03	34.0019	-96.408			0	
8	14404	Manhole	B	Yes	3199 SHAMROCK LN.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	3.98	14404A0032.jpg	14404I0033.jpg	D03	34.002	-96.408			0	
8	14405	Manhole	D	Yes	3199 SHAMROCK LN.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	8	Std 48 Round	Concrete	3.56	14405A0038.jpg	14405I0039.jpg	D03	34.002	-96.409			2	
8	14670	Manhole	C	Yes	2401 W. MAIN ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Below Grade	2	Std 48 Round	Brick	11.78	14670A0042.jpg	14670I0043.jpg	D03	33.9984	-96.4074			2	
8	14680	Manhole	D	Yes	2401 W. MAIN ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	36	Brick	11.32	14680A0045.jpg	14680I0046.jpg	D02	33.9977	-96.4077			1	CHIMNEY IS CONCRETE.
8	14681	EOLS	X-Access	No Access	2303 W. MAIN ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	D03						
8	14690	Manhole	X-CNL	CNL	2401 W. MAIN ST.					Road Shoulder	Unpaved						No Photo	No Photo	D03						
8	14700	Manhole	D	Yes	2301 W. MAIN ST.	Vented	2	No	Moderate	Parking Lot	Paved - Asphalt	At Grade		Std 48 Round	Brick	8.22	14700A0025.jpg	14700I0026.jpg	D03	33.9981	-96.4062			4	PIPE SIZES VERIFIED.
8	14710	Manhole	D	Yes	2301 W. MAIN ST.	Vented	2	No	Moderate	Parking Lot	Paved - Asphalt	Below Grade	1	Std 48 Round	Brick	8.5	14710A0033.jpg	14710I0034.jpg	D03	33.998	-96.4062			1	
8	14720	Manhole	D	Yes	2223 W. MAIN ST.	Vented	2	Yes	Light	Parking Lot	Paved - Asphalt	Below Grade	3	Std 48 Round	Brick	6.72	14720A0044.jpg	14720I0045.jpg	D03	33.9977	-96.4056			3	
8	14721	Manhole	B	Yes	2223 W. MAIN ST.	Solid		No	Light	Parking Lot	Unpaved	Above Grade	4	Std 48 Round	Concrete	7.7	14721A0054.jpg	14721I0055.jpg	D03	33.9976	-96.4053			8	EVIDENCE OF SURCHARGE.
8	14730	Manhole	C	Yes	2320 W. MAIN ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Brick	5.68	14730A0016.jpg	14730I0017.jpg	D03	33.9986	-96.406			1	CHIMNEY IS SEALED
8	14740	Manhole	B	Yes	2320 W. MAIN ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	5.4	14740A0009.jpg	14740I0010.jpg	D03	33.9986	-96.4062			0	PIPE SIZES VERIFIED.
8	14750	Manhole	B	Yes	2420 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	6.36	14750A0074.jpg	14750I0075.jpg	D03	33.9987	-96.4066			2	PIPES 1 AND 2 ARE NOT CUT OUT. NO DIAMETER PIC.
8	14760	Manhole	D	Yes	2420 W. MAIN ST.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Brick	7.44	14760A0080.jpg	14760I0081.jpg	D03	33.9988	-96.407			3	
8	14770	Manhole	B	Yes	2418 W. MAIN ST.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		36	Concrete	2.88	14770A0101.jpg	14770I0102.jpg	D03	34.0003	-96.407			3	
8	14780	Manhole	B	Yes	2102 W. MAIN ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	7.3	14780A0071.jpg	14780I0072.jpg	D03	33.9975	-96.4016			2	CHIMNEY IS PARTIAL BRICK.
8	14790	Manhole	B	Yes	2112 W. MAIN ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	5.8	14790A0065.jpg	14790I0066.jpg	D03	33.9977	-96.4022			3	
8	14800	Manhole	B	Yes	372 BRYAN DR.	Vented	2	No	Moderate	Driveway	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	9.66	14800A0078.jpg	14800I0079.jpg	D03	33.9989	-96.4018			2	
8	14810	Manhole	X-CNL	CNL	372 BRYAN DR.					Driveway	Paved - Asphalt						No Photo	No Photo	D03						
8	18600	Manhole	X-CNL	CNL	4209 W, HWY. 70					Parking Lot	Paved - Concrete						No Photo	No Photo	D02						
8	18610	Manhole	D	Yes	4560 W. HWY. 70	Solid		No	Light	Alley	Unpaved	Above Grade	7	Std 48 Round	Concrete	7.25	18610A0057.jpg	18610I0058.jpg	D02	33.997	-96.4188			1	EVIDENCE OF SURCHARGE
8	18620	Manhole	B	Yes	102 LYNNHAVEN DR.	Solid		No	Light	Alley	Unpaved	At Grade		Std 48 Round	Concrete	3.2	18620A0051.jpg	18620I0052.jpg	D02	33.997	-96.4177			1	
8	18621	EOLS	X-Access	No Access	102 LYNNHAVEN DR.					Alley	Unpaved	Below Grade					No Photo	No Photo	D02						
8	18630	Manhole	B	Yes	103SUNNY MEADOWS DR.	Solid		No	Light	Alley	Unpaved	At Grade		Std 48 Round	Concrete	3.8	18630A0045.jpg	18630I0046.jpg	D02	33.997	-96.4173			1	
8	18640	Manhole	X-CNO	CNO	103 SUNNY MEADOWS DR.	Solid				Alley	Unpaved	Below Grade	3				18640A0009.jpg	No Photo	D02	33.997	-96.4169				
8	18650	Manhole	B	Yes	219 LYNNHAVEN DR.	Solid		No	Moderate	Yard	Unpaved	At Grade		Std 48 Round	Concrete	4.8	18650A0001.jpg	18650I0002.jpg	D02	33.994	-96.4188			1	
8	18660	Manhole	B	Yes	215SUNNY MEADOWS DR.	Solid		No	Light	Yard	Unpaved	Above Grade	17	Std 48 Round	Concrete	4.8	18660A0076.jpg	18660I0077.jpg	D02	33.994	-96.4173			0	
8	18670	Manhole	B	Yes	215 SUNNYMEADOW DR.	Solid		No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	4.5	18670A0007.jpg	18670I0008.jpg	D02	33.9938	-96.4173			1	
8	18680	Manhole	B	Yes	302 SUNNYMEADOWS DR.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.1	18680A								

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
8	18910	Manhole	C	Yes	304 CHAPARREL DR.	Vented	1	No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	6.96	18910A0029.jpg	18910I0030.jpg	D02	33.9937	-96.4139			1	MORE DEFECTS VISIBLE.	
8	18920	Manhole	D	Yes	403 MEADOWLARK LN.	Vented	1	No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	7.84	18920A0018.jpg	18920I0019.jpg	D02	33.9937	-96.4134			1		
8	18930	Manhole	X-CNL	CNL	307 MEADOW LARK LN.					Yard	Unpaved					No Photo	No Photo	D02							METAL DETECTED	
8	18940	Manhole	B	Yes	409 MEADOWLARK LN.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	5.54	18940A0023.jpg	18940I0024.jpg	D02	33.993	-96.4134			1	MH HAD A BROKEN LID THAT WAS REPLACED BEFORE INSPECTION	
8	18950	Manhole	B	Yes	411 MEADOWLARK LN.	Vented	1	No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Fiberglass	5.9	18950A0017.jpg	18950I0018.jpg	D02	33.9924	-96.4134			0		
8	18960	Manhole	X-CNL	CNL	411 MEADOWLARK LN.					Yard	Unpaved					No Photo	No Photo	D02							METAL DETECTED	
8	18970	Manhole	A	Yes	202 CHAPARRAL DR	Solid		No	Light	Yard	Unpaved	Above Grade	11	Std 48 Round	Fiberglass	7	18970A0012.jpg	18970I0013.jpg	D02	33.9929	-96.4148			1		
8	18980	Manhole	X-CNL	CNL	404 SUNNYMEADOW DR.					Yard	Unpaved					No Photo	No Photo	D02							METAL DETECTED	
8	18990	Manhole	C	Yes	500 MEADOWLARK LN.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	5.2	18990A0022.jpg	18990I0023.jpg	D02	33.992	-96.4123			1		
8	19000	Manhole	D	Yes	905 MEADOWLARK LN.	Solid		No	Light		Unpaved	Above Grade	4	Std 48 Round	Concrete	4.6	19000A0026.jpg	19000I0027.jpg	E02	33.9916	-96.4145			0		
8	19001	EOLS	X-Access	No Access	905 MEADOWLARK LN.					Shoulder	Unpaved	Below Grade					No Photo	No Photo	E02							
8	19010	Manhole	X-CNL	CNL	500 MEADOWLARK LN.					Trees/Woods	Unpaved					No Photo	No Photo	E02							METAL DETECTED	
8	19020	Manhole	D	Yes	701 MEADOWLARK LN.	Solid		No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Fiberglass	4.35	19020A0001.jpg	19020I0002.jpg	E03	33.9887	-96.4123			1		
8	19030	Manhole	X-CNL	CNL	906 MEADOWLARK LN.					Yard	Unpaved					No Photo	No Photo	D02							METAL DETECTED..	
8	19040	Manhole	X-CNL	CNL	601 MEADOWLARK LN.					Trees/Woods	Unpaved					No Photo	No Photo	E02							METAL DETECTED	
8	19050	Manhole	C	Yes	811 MEADOWLARK LN	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	9.54	19050A0019.jpg	19050I0020.jpg	E02	33.9904	-96.4145			1		
8	19060	Manhole	X-Buried	Buried	704 SUNNYMEADOWS DR.					Street	Paved - Asphalt					No Photo	No Photo	E02								
8	19070	Manhole	C	Yes	704 MEADOWLARK LN.	Solid		No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	8.24	19070A0046.jpg	19070I0047.jpg	E02	33.9895	-96.4155			1		
8	19080	Manhole	B	Yes	805 MEADOWLARK LN.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	9	19080A0040.jpg	19080I0041.jpg	E02	33.9892	-96.4151			0		
8	19090	Manhole	B	Yes	805 MEADOWLARK LN.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.3	19090A0033.jpg	19090I0034.jpg	E02	33.9892	-96.4145			0		
8	19100	Manhole	B	Yes	717 MEADOWLARK LN.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	4	19100A0014.jpg	19100I0015.jpg	E02	33.9883	-96.4145			1		
8	19110	Manhole	B	Yes	707 MEADOWLARK LN.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	52	Std 48 Round	Fiberglass	7.32	19110A0008.jpg	19110I0009.jpg	E02	33.9883	-96.4136			4	EVIDENCE OF SURCHARGE.	
8	19120	Manhole	X-CNL	CNL	603 MEADOWLARK LN.					Trees/Woods	Unpaved					No Photo	No Photo	E02							METAL DETECTED	
8	19130	Manhole	B	Yes	701 MEADOWLARK LN.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	35	Std 48 Round	Concrete	5.56	19130A0001.jpg	19130I0002.jpg	E02	33.9883	-96.4123			0		
8	19140	Manhole	C	Yes	701 MEADOWLARK LN.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	24	Std 48 Round	Concrete	7.45	19140A0007.jpg	19140I0008.jpg	E02	33.9876	-96.4123			1	32 IN LID. EVIDENCE OF SURCHARGE	
8	19150	Manhole	B	Yes	701 MEADOWLARK LN.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Concrete	7.2	19150A0013.jpg	19150I0014.jpg	E02	33.9874	-96.412			1	32 IN LID	
8	19160	Manhole	D	Yes	301 N. 22ND AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	28	Std 48 Round	Concrete	11.15	19160A0018.jpg	19160I0019.jpg	E03	33.9869	-96.4108			2	32 IN LID. 0 BOLTS	
8	19170	Manhole	D	Yes	301 S. 22ND AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Concrete	11.14	19170A0001.jpg	19170I0002.jpg	E03	33.9871	-96.4097			2	0 BOLTS. 32 IN LID	
8	19180	Manhole	D	Yes	301 S. 22ND AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	13	Std 48 Round	Concrete	10.55	19180A0009.jpg	19180I0010.jpg	E03	33.9873	-96.4086			2	4 BOLTS. 32 IN LID.	
8	19190	Manhole	D	Yes	601 S. 19TH AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	19	Std 48 Round	Concrete	10.16	19190A0057.jpg	19190I0058.jpg	E03	33.9883	-96.4081			1	32" LID. 4 BOLTS. PIPE DIAM'S VERIFIED	
8	19200	Manhole	B	Yes	2101 W. MAIN ST.	Vented	2	No	Moderate	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	7.7	19200A0001.jpg	19200I0002.jpg	D03	33.997	-96.4016			3		
8	19210	Manhole	C	Yes	2131 W. MAIN ST.	Vented	2	No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Concrete	4.44	19210A0061.jpg	19210I0062.jpg	D03	33.9972	-96.4041			2	PIPE 2 REDUCES TO A 6 INCH.	
8	19211	Manhole	B	Yes	2131 W. MAIN ST.	Solid		No	None	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	5.2	19211A0042.jpg	19211I0043.jpg	D03	33.9974	-96.404			1		
8	19220	Manhole	B	Yes	2131 W. MAIN ST.	Solid		No	Light	Driveway	Paved - Asphalt	Above Grade	5	Std 48 Round	Concrete	5.06	19220A0068.jpg	19220I0069.jpg	D03	33.9973	-96.4035			1		
8	19221	Manhole	C	Yes	2131 W. MAIN ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	3.88	19221A0050.jpg	19221I0051.jpg	D03	33.9969	-96.4035			1	PIPE SIZES VERIFIED. EVIDENCE OF SURCHARGE.	
8	19222	Manhole	B	Yes	2121 W. MAIN ST.	Solid		No	Severe	Drainage Ditch	Unpaved	Above Grade	25	Std 48 Round	Concrete	3.82	19222A0059.jpg	19222I0060.jpg	D03	33.9962	-96.4023			3	EVIDENCE OF SSO.	
8	19223	Manhole	D	Yes	123 S. 21ST AVE.	Solid		No	Light	Driveway	Paved - Concrete	Above Grade	33	Std 48 Round	Concrete	9.24	19223A0001.jpg	19223I0002.jpg	D03	33.9961	-96.4021			3	PIPE DIAMS.VERIFIED. LOWER WALL BRICK	
8	19230	Manhole	C	Yes	202 S. 22ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	6	19230A0048.jpg	19230I0049.jpg	D03	33.996	-96.4034			1		
8	19231	Manhole	B	Yes	202 S. 22ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	8.52	19231A0055.jpg	19231I0056.jpg	D03	33.9964	-96.4046			1		
8	19232	Manhole	B	Yes	2415 W. ARKANSAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	11.4	19232A0060.jpg	19232I0061.jpg	D03	33.9967	-96.4058			0		
8	19233	EOLS	X-Access	No Access	2415 W. ARKANSAS ST.					Trees/Woods	Unpaved					No Photo	No Photo	D03							METAL DETECTED	
8	19240	Manhole	E	Yes	2001 W. ARKANSAS ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Brick	10.36	19240A0018.jpg	19240I0019.jpg	D03	33.9957	-96.4022			3	2 CONES. TOP CONE AND CHIMNEY IS CONCRETE.	
8	19250	Manhole	C	Yes	2001 W. ARKANSAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	10.54	19250A0029.jpg	19250I0030.jpg	D03	33.9957	-96.4022			1		
8	19260	Manhole	B	Yes	123 S. 21ST AVE.	Solid		No	Light	Driveway	Paved - Asphalt	Above Grade	4	Std 48 Round	Fiberglass	10.04	19260A0011.jpg	19260I0012.jpg	D03	33.9962	-96.4019			0	2 CONES	
8	19270	Manhole	D	Yes	2201 W. ARKANSAS ST.	Vented	2	No	Light	Parking Lot	Paved - Concrete	At Grade		24	Brick	2.5	19270A0027.jpg	19270I0028.jpg	D03	33.9952	-96.4049			1		
8	19280	Manhole	D	Yes	2201 W ARKANSAS ST.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		32	Brick	5.3	19280A0034.jpg	19280I0035.jpg	D03	33.9952	-96.4036			2		
8	19300	Manhole	X-CNL	CNL	502 S. 21ST AVE.					Trees/Woods	Unpaved	Below Grade				No Photo	No Photo	E03							SUMMIT MH? METAL DETECTED.	
8	19310	Manhole	D	Surcharged	402 S. 21ST AVE.	Vented	2	Yes	Moderate	Trees/Woods	Unpaved	Above Grade	6	Std 48 Round	Brick	5.24	19310A0020.jpg	19310I0021.jpg	E03	33.9912	-96.4009			9	DEPTHS NOT ACCURATE DUE TO DEBRIS. 32" OF SURCHARGE. MH SIZE UNVERIFIED.	
8	19320	Manhole	X-CNL	CNL	402 S. 21ST AVE.					Trees/Woods	Unpaved	Below Grade				No Photo	No Photo	E03							METAL DETECTED.	
8	19330	Manhole	X-CNL	CNL	306 S. 22ND AVE.					Street	Paved - Asphalt	Below Grade				No Photo	No Photo	E03							METAL DETECTED	
8	19350	Manhole	X-CNL	CNL	306 S. 22ND AVE.					Street	Paved - Asphalt					No Photo	No Photo	D03							METAL DETECTED.	
8	19360	Manhole	B	Yes	306 S 22ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	11.8	19360A0058.jpg	19360I0059.jpg	D03	33.9914	-96.4035			1		
8	19361	Manhole	D	Yes	230 S. 22ND AVE	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	9.25	19361A0044.jpg	19361I0045.jpg	D03	33.9931	-96.4035			3		
8	19364	Manhole	B	Yes	301 S. 22ND AVE	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	10	19364A0053.jpg	19364I0054.jpg	D03	33.9925	-96.4036			1		
8	19410	Manhole	C	Yes	601 S. 19TH AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	27	Std 48 Round	Concrete	12.42	19410A0038.jpg	19410I0039.jpg	E03	33.9888	-96.4058			0	32" LID.	
8	19420	Manhole	D	Yes	601 S. 19TH AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	18	Std 48 Round	Concrete	16.3	19420A0047.jpg	19420I0048.jpg	E03	33.9885	-96.4069			1	32" LID. 0 BOLTS.	
8	19430	Manhole	D	Yes	601 S. 19TH AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	18	Std 48 Round	Concrete	16.26	19430A0028.jpg	19430I0029.jpg	E03	33.9885	-96.4048			1	32" LID.	
8	19440	Manhole	B	Yes	601 S. 19TH AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	26	Std 48 Round	Concrete	16.42	19440A0019.jpg	19440I0020.jpg	E03	33.9883	-96.4041			1	32" LID.	
8	19450	Manhole	C	Yes	601 S. 19TH AVE.	Bolted		No	Light	Field	Unpaved	Above Grade	4	Std 48 Round	Concrete	13.2	19450A0011.jpg	19450I0012.jpg	E03	33.9879	-96.403			0	32" LID. 0 BOLTS.	
8	19460	Manhole	D	Yes	2508 SUNNYSIDE RD.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	27	Std 48 Round	Concrete	21	19460A0001.jpg	19460I0002.jpg	E03	33.9869	-96.4013			1	32 IN LID	
8	19470	Manhole	D	Yes	601 S. 19TH AVE.	Solid		No	Light	Field	Unpaved	Above Grade	24</													

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
8	26101	Manhole	B	Yes	2011 W. ARKANSAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	12	26101A0067.jpg	261010068.jpg	D03	33.9947	-96.4013			0	
8	26210	Manhole	B	Yes	1026 RADIO RD.	Solid		No	Light	Field	Unpaved	Above Grade	13	Std 48 Round	Concrete	7.6	26210A0078.jpg	26210I0079.jpg	D03	34.0037	-96.4058			1	
8	26220	Manhole	C	Yes	1022 RADIO RD.	Solid		No	Moderate	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	6	26220A0083.jpg	26220I0084.jpg	D03	34.0037	-96.4071			3	
8	26221	EOLS	X-Access	No Access	1022 RADIO RD.					Road Shoulder	Unpaved						No Photo	No Photo	D03						METAL DETECTION
8	26230	Manhole	D	Yes	1028 CRISWELL BLVD.	Solid		No	Light	Field	Unpaved	Above Grade	19	Std 48 Round	Concrete	8.9	26230A0058.jpg	26230I0059.jpg	D03	34.0036	-96.4031			3	
8	26240	Manhole	C	Yes	1028 CRISWELL BLVD.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	9.28	26240A0053.jpg	26240I0054.jpg	D03	34.0036	-96.4044			0	
8	26700	Manhole	D	Surcharged	502 WESTSIDE DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	14	Std 48 Round	Concrete	7.1	26700A0089.jpg	26700I0090.jpg	D03	34.0019	-96.4031			0	NO DIAMETER PIC
8	26701	EOLS	X-Access	No Access	502 WESTSIDE DR.					Shoulder	Unpaved						No Photo	No Photo	D03						
9	15430	Manhole	B	Yes	1607 W. ELM ST.	Vented	24	No	Moderate	Street	Paved - Asphalt	At Grade		24	Concrete	2.1	15430A0038.jpg	15430I0039.jpg	D03	33.9986	-96.3928			0	
9	15431	Manhole	C	Yes	529 N. 16TH AVE.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		36	Sealed Brick	3.12	15431A0001.jpg	15431I0002.jpg	D03	33.9993	-96.393			1	PIPE SIZES VERIFIED.
9	15432	EOLS	X-Access	No Access	529 N.16TH AVE.					Parking Lot	Paved - Asphalt	Below Grade					No Photo	No Photo	D03						NORTH BUILDING CHOCTAW.
9	15440	Manhole	C	Yes	1603 W. ELM ST.	Solid		Yes	None	Street	Paved - Asphalt	At Grade		30	Sealed Brick	4.7	15440A0014.jpg	15440I0015.jpg	D03	33.9981	-96.3928			1	
9	15441	EOLS	X-Access	No Access	1603 W. ELM ST.					Alley	Paved						No Photo	No Photo	D03						
9	19611	Manhole	C	Yes	1705 W. EVERGREEN ST.	Solid		No	Light	Alley	Paved - Asphalt	Above Grade	1	Std 48 Round	Brick	6.2	19611A0045.jpg	19611I0046.jpg	D03	33.996	-96.3947			2	
9	19612	EOLS	X-Access	No Access	1705 W. EVERGREEN ST.					Alley	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED.
9	19770	Manhole	D	Yes	115 N. 16TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	6.4	19770A0010.jpg	19770I0011.jpg	D03	33.9956	-96.393			2	
9	19771	Manhole	D	Yes	1400 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	6.06	19771A0019.jpg	19771I0020.jpg	D03	33.9953	-96.3919			6	32 INCH LID.
9	19772	Manhole	B	Yes	1424 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	9.1	19772A0029.jpg	19772I0030.jpg	D03	33.9958	-96.3917			1	
9	19773	Manhole	B	Yes	1400 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.7	19773A0081.jpg	19773I0082.jpg	D03	33.9955	-96.3904			1	
9	19780	Manhole	C	Yes	204 N. 16TH AVE.	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		36	Brick	4.96	19780A0001.jpg	19780I0002.jpg	D03	33.9962	-96.3928			2	
9	19781	EOLS	X-Access	No Access	1619 W. EVERGREEN ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
9	19790	Manhole	D	Yes	1623 W. BEECH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.04	19790A0022.jpg	19790I0023.jpg	D03	33.9972	-96.3928			2	
9	19791	EOLS	X-Access	No Access	1709 W. BEECH ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
9	19792	Manhole	B	Yes	224 N. 15TH AVE.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	4.3	19792A0033.jpg	19792I0034.jpg	D03	33.9968	-96.3913			1	
9	19793	Manhole	B	Yes	1520 W. BEECH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	5.64	19793A0034.jpg	19793I0035.jpg	D03	33.9969	-96.3919			0	
9	19794	EOLS	X-Access	No Access	401 N. 15TH AVE.					Yard	Unpaved						No Photo	No Photo	D03						METAL DETECTED
9	19800	Manhole	X-CNO		223 N WASHINGTON AVE.	Solid				Street	Paved - Asphalt	At Grade					19800A0078.jpg	No Photo	D03	33.9966	-96.3904				SPRAYED AND HAMMERED.
9	19820	Manhole	X-CNO		223 N WASHINGTON AVE.	Solid				Street	Paved - Asphalt	At Grade					19820A0079.jpg	No Photo	D03	33.9963	-96.3904				
9	19830	Manhole	X-CNO		223 N WASHINGTON AVE.	Solid				Street	Paved - Asphalt	At Grade					19830A0080.jpg	No Photo	D03	33.9961	-96.3904				SPRAYED AND HAMMERED.
9	19831	Manhole	B	Yes	220 N. 15TH AVE.	Solid		No	Light	Alley	Paved - Concrete	At Grade		Std 48 Round	Concrete	3.78	19831A0040.jpg	19831I0041.jpg	D03	33.9963	-96.3914			1	
9	19832	EOLS	X-Access	No Access	206 N.16TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
9	19840	Manhole	B	Yes	1400 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	6.05	19840A0088.jpg	19840I0089.jpg	D03	33.9949	-96.3904			1	
9	19850	Manhole	C	Yes	1305 W MAIN ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.5	19850A0078.jpg	19850I0079.jpg	D03	33.9943	-96.3904			1	
9	19860	Manhole	D	Yes	1305 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.44	19860A0070.jpg	19860I0071.jpg	D03	33.9942	-96.3901			2	
9	19870	Manhole	C	Yes	121 S. 13TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	3.14	19870A0053.jpg	19870I0054.jpg	D03	33.9934	-96.3904			3	
9	19880	Manhole	D	Yes	123 S. 14TH AVE.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	36	Sealed Brick	4.18	19880A0061.jpg	19880I0062.jpg	D03	33.9937	-96.3915			5	BROKEN LID ON BENCH. PIPE SIZES VERIFIED.
9	19881	Cleanout	C	Yes	125 S. 14TH AVE.	Vented	2	No	None	Street	Paved - Asphalt	Above Grade	2	CO 8"	Other	2.48	19881A0071.jpg	19881I0072.jpg	D03	33.9935	-96.3916		IRON	2	REATTACHED PIPE CAP
9	19890	Manhole	C	Yes	1505 W. MAIN ST.	Solid		Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.2	19890A0074.jpg	19890I0075.jpg	D03	33.994	-96.3929			2	PIPE SIZES VERIFIED.
9	19900	Manhole	X-CNL	CNL	114 S. 15TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED, POSS. EOLS TO 19890.
9	19930	Manhole	X-CNL	CNL	1505 W. MAIN ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
9	19931	EOLS	X-Access	No Access	1615 W. MAIN ST.					Alley	Unpaved						No Photo	No Photo	NA						METAL DETECTED
9	20500	Manhole	X-CNL	CNL	1224 W. BEECH ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED. 4 INCH AT DN MH
9	20510	Manhole	C	Yes	1216 W. BEECH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.6	20510A0038.jpg	20510I0039.jpg	D03	33.9962	-96.3887			2	
9	20511	EOLS	X-Access	No Access	1206 W. EVERGREEN ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
9	20520	Manhole	C	Yes	1120 W. BEECH ST.	Bolted		No	Light	Street	Paved - Asphalt	Above Grade	1	36	Brick	4.96	20520A0048.jpg	20520I0049.jpg	D03	33.9959	-96.3876			2	NO BOLTS
9	20521	EOLS	X-Access	No Access	1120 W. BEECH ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
9	20530	Manhole	C	Yes	1015 W. BEECH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.96	20530A0056.jpg	20530I0057.jpg	D03	33.9956	-96.3864			1	
9	20531	EOLS	X-Access	No Access	1019 W. CEDAR ST.					Alley	Unpaved						No Photo	No Photo	D03						METAL DETECTED
9	20540	Manhole	B	Yes	920 W. BEECH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		30	Sealed Brick	3.14	20540A0044.jpg	20540I0045.jpg	D03	33.9953	-96.3853			2	
9	20541	EOLS	X-Access	No Access	910 W. BEECH ST.					Alley	Unpaved						No Photo	No Photo	D04						METAL DETECTED.
9	20550	Manhole	C	Yes	307 N. 9TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		30	Brick	3.6	20550A0034.jpg	20550I0035.jpg	D03	33.9952	-96.3847			2	CHIMNEY IS PARTIAL CONCRETE.
9	20560	Manhole	C	Yes	902 W. EVERGREEN ST.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.66	20560A0025.jpg	20560I0026.jpg	D03	33.9942	-96.3851			2	CHIMNEY IS PARTIAL CONCRETE.
9	20570	Manhole	C	Yes	204 N. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.14	20570A0033.jpg	20570I0034.jpg	D04	33.9945	-96.3862			2	NO PIPE @ 7:00
9	20571	Manhole	C	Yes	211 N. 10TH AVE.	Vented	2	No	Light	Street	Paved - Asphalt	Below Grade	1	12	Other	3.46	20571A0019.jpg	20571I0020.jpg	D03	33.9948	-96.3861		IRON	1	
9	20580	Manhole	C	Yes	1023 W. EVERGREEN ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	5.72	20580A0042.jpg	20580I0043.jpg	D03	33.9948	-96.3873			1	NO PIPE AT 6:00
9	20590	Manhole	C	Yes	1202 W. EVERGREEN ST.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.41	20590A0058.jpg	20590I0059.jpg	D03	33.9951	-96.3885			1	PIPE DEPTHS VERIFIED.
9	20600	Manhole	C	Yes	1300 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	7.32	20600A0051.jpg	20600I0052.jpg	D03	33.9954	-96.3896			5	USE TO BE A MAINLINE CLEANOUT.
9	20710	Manhole	X-CNL	CNL	603 W. BEECH ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						METAL DETECTED
9	20720	Manhole	D	Yes	702 W. BEECH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.54	20720A0033.jpg	20720I0034.jpg	D04	33.9946	-96.3824			2	
9	20730	Manhole	D	Yes	219 N. 7TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		32	Brick	2.7	20730A0051.jpg	20730I0052.jpg	D04	33.9941	-96.3826			6	
9	20740	Manhole	C	Yes	724 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		32	Brick	4.56	20740A0061.jpg	20740I0062.jpg	D03	33.9944	-96.3838			1	
9	20750	Manhole	C	Yes	702 W. EVERGREEN ST.	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		32	Brick	2.84	20750A0009.jpg	20750I0010.jpg	D04	33.9936	-96.3828			3	
9	20760	Manhole	C	Yes	605 W. EVERGREEN ST.	Vented	1	No	Moderate	Street	Paved - Asphalt	At Grade		30	Brick	3.54	20760A0001.jpg	20760I0002.jpg	D03	33.9934	-96.3823			2	
9	20770	Manhole	D	Yes	187 N. 6TH AVE.	Vented	2	No	Severe	Street	Paved - Asphalt	At													

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
9	21010	Manhole	D	Yes	901 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.58	21010A0037.jpg	21010I0038.jpg	D04	33.993	-96.3854			1	
9	21020	Manhole	B	Yes	703 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.4	21020A0027.jpg	21020I0028.jpg	D03	33.9926	-96.3838			1	
9	22760	Manhole	D	Yes	217 N. 5TH AVE.	Vented	2	Yes	None	Alley	Paved - Asphalt	At Grade		36	Brick	4.24	22760A0022.jpg	22760I0023.jpg	D04	33.9935	-96.3805			2	
9	22761	Manhole	D	Surcharged	217 N. 5TH AVE.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.92	22761A0034.jpg	22761I0035.jpg	D04	33.9935	-96.3804			6	PIECE OF FRAME ON BENCH
9	22762	Manhole	C	Yes	402 W. EVERGREEN ST.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Concrete	7.2	22762A0040.jpg	22762I0041.jpg	D04	33.9935	-96.3802			3	
9	22770	Manhole	D	Yes	211 N. 4TH AVE.	Vented	1	No	Light	Street	Paved - Asphalt	Below Grade	1	36	Brick	5	22770A0047.jpg	22770I0048.jpg	D04	33.9933	-96.3792			2	PIPE SIZES VERIFIED. CITY NOTIFIED ABOUT FRAME.
9	22780	Manhole	C	Yes	218 N. 3RD AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	9.26	22780A0056.jpg	22780I0057.jpg	D04	33.993	-96.3781			0	
9	22781	EOLS	X-Access	No Access	200 N. 2ND AVE.					Alley	Paved	Below Grade					No Photo	No Photo	D04						
9	22790	Manhole	C	Yes	224 EVERGREEN ST.	Vented	1	No	None	Street	Paved - Asphalt	At Grade		36	Brick	10.66	22790A0066.jpg	22790I0067.jpg	D04	33.9925	-96.3782			1	
9	22800	Manhole	B	Yes	305 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	9.54	22800A0075.jpg	22800I0076.jpg	D04	33.9926	-96.3787			1	PIPE SIZES VERIFIED.
9	22810	Manhole	C	Yes	117 N. 3RD AVE.	Solid		No	Light	Alley	Unpaved	Below Grade	1	36	Brick	7.68	22810A0083.jpg	22810I0084.jpg	D04	33.9921	-96.3789			1	
9	22811	EOLS	X-Access	No Access	300 W. MAIN ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	D04						
9	22820	Manhole	C	Yes	111 N. 5TH AVE.	Vented	2	No	Light	Alley	Paved - Asphalt	At Grade		36	Brick	8.06	22820A0001.jpg	22820I0002.jpg	D04	33.9925	-96.3806			1	
9	22860	Manhole	D	Yes	113 S. 5TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.36	22860A0022.jpg	22860I0023.jpg	E04	33.991	-96.38			1	IRON PIPE RUNNING THROUGH MH
9	22861	Manhole	C	Yes	419 W. MAIN ST.	Vented	2	No	Moderate	Alley	Paved - Asphalt	At Grade		36	Brick	7	22861A0086.jpg	22861I0087.jpg	E04	33.9912	-96.3806			1	IRON PIPE RUNNING THROUGH MH
9	22862	Manhole	D	Yes	319 W. MAIN ST.	Vented	2	No	Moderate	Alley	Paved - Asphalt	At Grade		36	Brick	6.7	22862A0031.jpg	22862I0032.jpg	E04	33.9909	-96.3794			1	2 IRON PIPES RUNNING THROUGH MH
9	22870	Manhole	C	Yes	115 S. 3RD AVE.	Solid		No	Light	Alley	Paved - Asphalt	At Grade		36	Brick	6.46	22870A0041.jpg	22870I0042.jpg	E04	33.9908	-96.3789			1	
9	22880	Manhole	D	Yes	101 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.22	22880A0057.jpg	22880I0058.jpg	E04	33.99	-96.3761			1	
9	22890	Manhole	D	Yes	116 N. 1ST AVE.	Vented	60	Yes	Moderate	Parking Lot	Paved - Asphalt	Above Grade	1	36	Brick	7.06	22890A0125.jpg	22890I0126.jpg	E04	33.9914	-96.3769			1	
9	22891	EOLS	X-Access	No Access	116 N. 1ST AVE.					Parking Lot	Paved	Below Grade					No Photo	No Photo	E04						
9	22892	EOLS	X-Access	No Access	116 N. 1ST AVE.					Yard	Unpaved	Below Grade					No Photo	No Photo	E04						
9	22900	Manhole	C	Yes	123 S. 2ND AVE.	Vented	60	No	Severe	Street	Paved - Asphalt	Below Grade	1	36	Brick	5.76	22900A0049.jpg	22900I0050.jpg	E04	33.9905	-96.3778			2	
9	22910	Manhole	D	Yes	212 W. EVERGREEN ST.	Solid		No	Severe	Street	Paved - Asphalt	At Grade		36	Brick	11	22910A0055.jpg	22910I0056.jpg	D04	33.9924	-96.3776			1	MORE DEFECTS VISIBLE, CITY NOTIFIED.
9	22920	Manhole	D	Yes	114 N. 3RD AVE.	Solid		No	Light	Alley	Paved - Asphalt	At Grade		36	Brick	6.92	22920A0043.jpg	22920I0044.jpg	E04	33.9916	-96.3779			2	EVIDENCE OF SURCHARGE.
9	22921	EOLS	X-Access	No Access	220 W. MAIN ST.					Alley	Paved	Below Grade					No Photo	No Photo	D04						
9	22922	EOLS	X-Access	No Access	210 W. MAIN ST.					Alley	Paved	Below Grade					No Photo	No Photo	D04						
9	22930	Manhole	D	Yes	32 W. MAIN ST.	Solid		Yes	Light	Alley	Paved - Asphalt	At Grade		36	Brick	9.5	22930A0085.jpg	22930I0086.jpg	E04	33.991	-96.3756			2	
9	22940	Manhole	D	Yes	36 W. EVERGREEN	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.44	22940A0067.jpg	22940I0068.jpg	D04	33.9917	-96.3751			2	
9	22950	Manhole	D	Yes	122 1/2 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	10.44	22950A0099.jpg	22950I0100.jpg	D04	33.9921	-96.3765			2	
9	22951	EOLS	X-Access	No Access	223 N. 1ST AVE.					Alley	Paved	Below Grade					No Photo	No Photo	D04						
10	21080	Manhole	D	Yes	216 S. 6TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.34	21080A0021.jpg	21080I0022.jpg	E04	33.9903	-96.3831			5	
10	21081	EOLS	X-Access	No Access	216 S. 6TH AVE.					Alley	Unpaved	Below Grade					No Photo	No Photo	E03						
10	21110	Manhole	X-CNL	CNL	207 S. 5TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED
10	21120	Manhole	D	Yes	223 S. 5TH AVE.	Vented	1	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.4	21120A0009.jpg	21120I0010.jpg	E04	33.9897	-96.3817			1	32" LID
10	21121	Manhole	D	Yes	207 S. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8.8	21121A0001.jpg	21121I0002.jpg	E04	33.9899	-96.3816			2	EVIDENCE OF SURCHARGE
10	21122	EOLS	X-Access	No Access	207 S. 5TH AVE.					Alley	Unpaved	Below Grade					No Photo	No Photo	E04						
10	21130	Manhole	D	Yes	301 S. 5TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	3.85	21130A0018.jpg	21130I0019.jpg	E04	33.9895	-96.3818			2	
10	21140	Manhole	D	Yes	221 S. 6TH AVE.	Vented	15	No	Moderate	Street	Paved - Asphalt	At Grade		32	Brick	8.5	21140A0001.jpg	21140I0002.jpg	E03	33.9899	-96.3832			1	
10	21150	Manhole	D	Yes	307 S. 6TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.02	21150A0011.jpg	21150I0012.jpg	E03	33.9894	-96.3834			3	
10	21151	EOLS	X-Access	No Access	307 S. 6TH AVE.					Alley	Unpaved						No Photo	No Photo	E03						
10	21610	Manhole	C	Yes	403 GEORGIA ST.	Vented	16	Yes	Light	Road Shoulder	Unpaved	Above Grade	1	36	Sealed Brick	11.8	21610A0036.jpg	21610I0037.jpg	E04	33.9846	-96.3818			2	
10	21611	EOLS	X-Access	No Access	403 GEORGIA ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	E04						
10	21620	Manhole	D	Yes	400 W. GEORGIA ST.	Bolted		No	Light	Street	Paved - Asphalt	At Grade		32	Sealed Brick	12.02	21620A0026.jpg	21620I0027.jpg	E04	33.9847	-96.3817			2	0 BOLTS
10	21621	EOLS	X-Access	No Access	400 W. GEORGIA ST.					Street	Paved						No Photo	No Photo							
10	21630	Manhole	X-CNL	CNL	624 S. 4TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED.
10	21790	Manhole	D	Surcharged	311 S. 5TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.9	21790A0040.jpg	21790I0041.jpg	E04	33.989	-96.382			2	
10	21791	EOLS	X-Access	No Access	311 S. 5TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21792	Manhole	C	Yes	401 S. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.52	21792A0048.jpg	21792I0049.jpg	E04	33.9885	-96.3822			1	
10	21793	EOLS	X-Access	No Access	401 S. 5TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21794	EOLS	X-Access	No Access	401 S. 5TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21795	EOLS	X-Access	No Access	401 S. 5TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21800	Manhole	D	Yes	312 S. 5TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	9.36	21800A0029.jpg	21800I0030.jpg	E04	33.9895	-96.3818			1	
10	21810	Manhole	D	Yes	218 S. 4TH AVE.	Vented	2	No	Light	Street	Unpaved	At Grade		36	Brick	9.66	21810A0032.jpg	21810I0033.jpg	E04	33.9894	-96.3805			0	EVIDENCE OF SUCHARGE
10	21820	Manhole	D	Yes	311 S. 4TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	4.7	21820A0024.jpg	21820I0025.jpg	E04	33.9887	-96.3807			2	NO PIPE FROM SOUTH
10	21840	Manhole	D	Yes	214 S. 3RD AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.84	21840A0001.jpg	21840I0002.jpg	E04	33.9893	-96.3794			3	
10	21841	EOLS	X-Access	No Access	214 S. 3RD AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21842	EOLS	X-Access	No Access	214 S. 3RD AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21860	Manhole	D	Yes	302 S. 3RD AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7	21860A0010.jpg	21860I0011.jpg	E04	33.9889	-96.3795			2	
10	21861	EOLS	X-Access	No Access	302 S. 3RD AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	21870	Manhole	D	Yes	302 W. TEXAS ST.	Vented	15	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.92	21870A0020.jpg	21870I0021.jpg	E04	33.9888	-96.379			2	
10	21871	EOLS	X-Access	No Access	302 W. TEXAS ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E04						
10	21880	Manhole	D	Yes	206 S. 2ND AVE.	Solid		Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.8	21880A0046.jpg	21880I0047.jpg	E04	33.9886	-96.3784			2	
10	21890	Manhole	D	Yes	202 S. 2ND AVE.	Vented	2	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.1	21890A0029.jpg	21890I0030.jpg	E04	33.9891	-96.3782			2	
10	21891	EOLS	X-Access	No Access	202 S. 2ND AVE.					Alley	Unpaved	Below Grade					No Photo	No Photo	E04						
10	21940	Manhole	X-CNL	CNL	302 W. TEXAS ST.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED
10	21950																								

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
10	22420	Manhole	D	Yes	703 S. 2ND AVE.	Vented	26	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	4	22420A0001.jpg	22420I0002.jpg	E04	33.9843	-96.38			1	
10	22421	EOLS	X-Access	No Access	703 S. 2ND AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	22430	Manhole	D	Yes	217 W. GEORGIA ST.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.86	22430A0010.jpg	22430I0011.jpg	E04	33.9844	-96.3806			1	
10	22440	Manhole	B	Yes	217 W. GEORGIA ST.	Solid		No	Light	Driveway	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.6	22440A0021.jpg	22440I0022.jpg	E04	33.9844	-96.3806			1	
10	22450	Manhole	D	Yes	206 W. TENNESSEE ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.06	22450A0027.jpg	22450I0028.jpg	E04	33.9829	-96.3811			3	MORE DEFECTS NOTICED
10	22451	EOLS	X-Access	No Access	206 W. TENNESSEE ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E04						
10	22460	Manhole	B	Yes	617 S. 2ND AVE.	Solid		No	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	7.6	22460A0070.jpg	22460I0071.jpg	E04	33.9852	-96.3797			1	
10	22470	Manhole	C	Yes	603 W. ALABAMA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		24	Brick	2.74	22470A0001.jpg	22470I0002.jpg	E04	33.9858	-96.3795			1	CHIMNEY IS SEALED.
10	22471	EOLS	X-Access	No Access	224 W. ALABAMA ST.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED
10	22480	Manhole	C	Yes	603 S. 2ND AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Concrete	2.5	22480A0009.jpg	22480I0010.jpg	E04	33.9858	-96.3795			4	
10	22490	Manhole	B	Yes	224 W. ALABAMA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.1	22490A0010.jpg	22490I0011.jpg	E04	33.9859	-96.3801			4	
10	22500	Manhole	D	Yes	307 ALABAMA ST.	Solid		No	None	Street	Paved - Asphalt	At Grade		32	Brick	7.4	22500A0017.jpg	22500I0018.jpg	E04	33.9861	-96.3806			1	
10	22501	EOLS	X-Access	No Access	307 ALABAMA ST.					Street	Paved	Below Grade					No Photo	No Photo	E04						
10	22510	Manhole	D	Yes	406 W. ALABAMA ST.	Bolted		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.72	22510A0017.jpg	22510I0018.jpg	E04	33.9863	-96.3814			3	NO BOLTS.
10	22511	EOLS	X-Access	No Access	624 S. 4TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED.
10	22530	Manhole	C	Yes	517 W. MISSISSIPPI ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.9	22530A0058.jpg	22530I0059.jpg	E04	33.9871	-96.3811			3	
10	22540	Manhole	C	Yes	418 S. 4TH AVE.	Solid		No	None	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	5.5	22540A0008.jpg	22540I0009.jpg	E04	33.9878	-96.3809			1	
10	22541	Manhole	B	Yes	418 S. 4TH AVE.	Solid		No	Light	Field	Unpaved	At Grade		Std 48 Round	Concrete	7	22541A0001.jpg	22541I0002.jpg	E04	33.9884	-96.3814			1	
10	22550	Manhole	D	Yes	418 S. 4TH AVE.	Solid		No	Severe	Yard	Unpaved	Above Grade	9	Std 48 Round	Concrete	5.82	22550A0015.jpg	22550I0016.jpg	E04	33.9877	-96.3805			2	
10	22551	EOLS	X-Access	No Access	418 S. 4TH AVE.					Yard	Unpaved	Below Grade					No Photo	No Photo	E04						
10	22560	Manhole	X-CNL	CNL	440 S. 3RD AVE.					Street	Paved - Asphalt						No Photo	No Photo	E04						
11	14410	Manhole	E	Yes	702 BRYAN DR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Concrete	6.9	14410A0001.jpg	14410I0002.jpg	D03	34.0031	-96.3992			3	NO DIAMETER PIC. NO PIPE AT 1 OCLOCK.
11	14420	Cleanout	C	Yes	1938 PARKWAY CIR.	Solid		No	None	Yard	Unpaved	Above Grade	5	CO 8"	Other	4	14420A0021.jpg	14420I0022.jpg	D03	34.0035	-96.3988		PVC	0	
11	14421	Manhole	D	Yes	1942 PARKWAY CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Concrete	7.96	14421A0012.jpg	14421I0013.jpg	D03	34.0034	-96.3984			2	
11	14430	Manhole	D	Yes	1950 PARKWAY CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	18	Std 48 Round	Sealed Brick	7.96	14430A0001.jpg	14430I0002.jpg	D03	34.0031	-96.397			1	
11	14431	Fee Connector	X-Access	No Access	1950 PARKWAY CIR.					Yard	Unpaved						No Photo	No Photo	D03	34.0031	-96.3969				METAL DETECTED
11	14432	Manhole	D	Yes	1919 UNIVERSITY BLVD.	Solid		No	Light	Yard	Unpaved	Above Grade	14	Std 48 Round	Fiberglass	8.8	14432A0024.jpg	14432I0025.jpg	D03	34.0035	-96.397			1	
11	14433	Manhole	B	Yes	1004 N. 19TH AVE	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	22	Std 48 Round	Concrete	6.1	14433A0033.jpg	14433I0034.jpg	D03	34.0031	-96.3962			2	
11	14434	Manhole	B	Yes	1004 N. 19TH AVE.	Vented	1	No	Light	Within Building	Unpaved	Above Grade	26	Std 48 Round	Concrete	8.5	14434A0040.jpg	14434I0041.jpg	D03	34.0031	-96.3954			1	
11	14435	Manhole	B	Yes	1004 N. 19TH AVE.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	5.62	14435A0056.jpg	14435I0057.jpg	D03	34.0041	-96.3962			4	NEXT TO DRAINAGE DITCH.
11	14436	Manhole	B	Yes	1004 N. 19TH AVE.	Vented	1	No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	4.9	14436A0045.jpg	14436I0046.jpg	D03	34.0032	-96.3949			1	
11	14437	Manhole	B	Yes	1004 N. 19TH AVE.	Vented	1	No	Light	Driveway	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.2	14437A0050.jpg	14437I0051.jpg	D03	34.004	-96.3949			1	
11	14438	Manhole	C	Yes	1004 N. 19TH AVE.	Vented	1	No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	6.1	14438A0061.jpg	14438I0062.jpg	D03	34.0042	-96.3957			1	
11	14440	Manhole	B	Yes	1951 PARKWAY CIR.	Solid		Yes	None	Alley	Unpaved	Above Grade	7	Std 48 Round	Sealed Brick	6.26	14440A0017.jpg	14440I0018.jpg	D03	34.0021	-96.397			1	
11	14450	Manhole	X-CNL	CNL	1933 PARKWAY CIR.					Road Shoulder	Unpaved						No Photo	No Photo	D03						METAL DETECTED
11	14460	Manhole	D	Yes	1907 PARKWAY CIR.	Vented	2	Yes	None	Street	Paved - Concrete	At Grade		36	Brick	4.18	14460A0053.jpg	14460I0054.jpg	D03	34.0016	-96.397			2	
11	14470	Manhole	B	Yes	802 N. 18TH ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.12	14470A0047.jpg	14470I0048.jpg	D03	34.0016	-96.3963			1	
11	14471	Manhole	B	Yes	802 N. 18TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.2	14471A0053.jpg	14471I0054.jpg	D03	34.0016	-96.3952			1	
11	14480	Manhole	D	Yes	902 N. 19TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	3.54	14480A0035.jpg	14480I0036.jpg	D03	34.0026	-96.3963			2	
11	14481	Cleanout	C	Yes	908 N. 19TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		CO 6"	Other	6.78	14481A0044.jpg	14481I0045.jpg	D03	34.0031	-96.3963		IRON	0	
11	14482	EOLS	X-Access	No Access	1882 OLIVE ST.					Street	Paved - Asphalt						No Photo	No Photo	D03						METAL DETECTED
11	14500	Manhole	B	Yes	618 BRYAN DR.	Solid		No	Light	Yard	Unpaved	Above Grade	32	Std 48 Round	Concrete	7.6	14500A0010.jpg	14500I0011.jpg	D03	34.0024	-96.3997			2	
11	14510	Manhole	D	Yes	2122 W. LOCUST ST.	Solid		No	Light	Within Building	Unpaved	Above Grade	12	Std 48 Round	Concrete	4.7	14510A0084.jpg	14510I0085.jpg	D03	34.0019	-96.4			3	
11	14511	Manhole	D	Yes	1923 PARKWAY CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Concrete	9.16	14511A0094.jpg	14511I0095.jpg	D03	34.0017	-96.3992			1	
11	14580	Manhole	B	Yes	1907 PARKWAY CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	22	Std 48 Round	Sealed Brick	6.4	14580A0068.jpg	14580I0069.jpg	D03	34.0011	-96.397			3	
11	14581	Manhole	D	Yes	1907 PARKWAY CIR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	21	Std 48 Round	Sealed Brick	6.2	14581A0075.jpg	14581I0076.jpg	D03	34.0011	-96.397			1	
11	14590	Manhole	B	Yes	1916 W. LIVEOAK ST.	Vented	1	No	Light	Yard	Unpaved	Above Grade	19	Std 48 Round	Sealed Brick	5.4	14590A0023.jpg	14590I0024.jpg	D03	34.0001	-96.397			1	
11	14591	Manhole	C	Yes	1948 W. LIVE OAK DR.	Vented	24	No	Moderate	Road Shoulder	Unpaved	Above Grade	5	36	Sealed Brick	6.48	14591A0036.jpg	14591I0037.jpg	D03	34.0005	-96.3983			1	
11	14592	EOLS	X-Access	No Access	1948 W. LIVE OAK DR.					Yard	Unpaved						No Photo	No Photo	D03						
11	14600	Manhole	B	Yes	1915 LIVEOAK ST.	Vented	2	No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Sealed Brick	7	14600A0030.jpg	14600I0031.jpg	D03	33.9992	-96.3971			3	DETECTED FROM 14830 TO HERE. NO MH FOUND
11	14610	Manhole	D	Yes	1902 CEDAR ST.	Vented	1	No	Light	Yard	Unpaved	Above Grade	20	Std 48 Round	Sealed Brick	7	14610A0041.jpg	14610I0042.jpg	D03	33.998	-96.397			2	CHIMNEY IS SEALED.
11	14611	Manhole	D	Yes	1910 CEDAR ST.	Bolted		No	Moderate	Drainage Ditch	Paved - Concrete	At Grade		36	Brick	4.72	14611A0057.jpg	14611I0058.jpg	D03	33.9979	-96.397			1	NO BOLTS, NO LINE FROM WEST
11	14620	Manhole	X-CNL	CNL	1902 W. EVERGREEN ST.					Road Shoulder	Unpaved						No Photo	No Photo	D03						METAL DETECTED
11	14621	Manhole	B	Yes	1910 CEDAR ST.	Bolted		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	4.92	14621A0076.jpg	14621I0077.jpg	D03	33.9976	-96.3969			0	4 BOLTS REATTACHED
11	14630	Manhole	B	Yes	1906 W. EVERGREEN ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	32	Std 48 Round	Fiberglass	6.42	14630A0051.jpg	14630I0052.jpg	D03	33.9981	-96.3976			1	
11	14660	Manhole	D	Yes	1955 W. ELM ST.	Vented	24	No	Moderate	Road Shoulder	Unpaved	Above Grade	1	36	Sealed Brick	5.56	14660A0044.jpg	14660I0045.jpg	D03	33.9984	-96.399			2	NO LINE IN FROM S. EAST
11	14661	EOLS	X-Access	No Access	2015 W. ELM ST.					Yard	Unpaved						No Photo	No Photo	D03						METAL DETECTED
11	14820	Manhole	C	Yes	2014 W. ELM ST.	Solid		Yes	None	Driveway	Paved - Concrete	At Grade		36	Brick	2.1	14820A0020.jpg	14820I0021.jpg	D03	33.9996	-96.4002			4	
11	14830	Manhole	D	Yes	2023 W. ELM ST.	Vented	2	Yes	None	Road Shoulder	Unpaved	At Grade		Std 48 Round	Sealed Brick	5.68	14830A0009.jpg	14830I0010.jpg	D03	33.9999	-96.4001			1	METAL DETECTED FROM HERE TO 14600. NO NEW MH THAT I CAN FIND.
11	14840	Manhole	C	Yes	2105 W. LOCUST ST.	Vented	2	Yes	None	Road Shoulder	Unpaved	Below Grade	1	36	Sealed Brick	5.4	14840A0001.jpg	14840I0002.jpg	D03	34.0009	-96.3998			1	
11	14842	Manhole	D	Yes	2105 W. LOCUST ST.	Vented	2	Yes	None	Road Shoulder	Unpaved	Above Grade	1	36	Brick	3.1	14842A0027.jpg	14842I0028.jpg	D03	34.0013	-96.3996			2	
11	14843	EOLS	X-Access																						

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
11	19400E	Manhole	C	Yes	801 S. 15TH AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	16	Std 48 Round	Concrete	13.35	19400EAO0035.jpg	19400EIO0036.jpg	E03	33.9841	-96.3985			2	32 INCH LID.
11	19403	Manhole	B	Yes	1731 FREEDOM RD.	Vented	10	No	Light	Field	Unpaved	Above Grade	14	Std 48 Round	Concrete	6.4	19403A0001.jpg	19403IO002.jpg	E03	33.9869	-96.3979			2	
11	19406	Manhole	B	Yes	1731 FREEDOM RD.	Vented	10	No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	11.26	19406A0007.jpg	19406IO008.jpg	E03	33.9871	-96.3971			1	
11	19407	Manhole	B	Yes	710 PATRIOTS WAY	Vented	10	No	None	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.26	19407A0015.jpg	19407IO016.jpg	E03	33.9873	-96.3969			0	DEPTHS VERIFIED
11	19408	Manhole	B	Yes	612 FREEDOM RD.	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.04	19408A0021.jpg	19408IO022.jpg	E03	33.9881	-96.3969			2	
11	19409	Manhole	B	Yes	1705 PATRIOTS WAY	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	9.5	19409A0033.jpg	19409IO034.jpg	E03	33.9871	-96.3962			2	
11	19409A	Manhole	B	Yes	613 LIBERTY LN.	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.62	19409AA0027.jpg	19409AIO028.jpg	E03	33.9881	-96.396			2	
11	19409B	Manhole	B	Yes	711 LIBERTY LN.	Vented	9	No	None	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	7.66	19409BA0040.jpg	19409BIO041.jpg	E03	33.9873	-96.396			1	
11	19409C	Manhole	A	Yes	723 PATRIOTS WAY	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	7.8	19409CA0046.jpg	19409CIO047.jpg	E03	33.9871	-96.3951			0	
11	19409D	EOLS	X-Access	No Access	613 LIBERTY LN.					Yard	Unpaved					No Photo	No Photo	E03							
11	19530	Manhole	B	Yes	1902 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.9	19530A0066.jpg	19530IO067.jpg	D03	33.9973	-96.3971			0	
11	19540	Manhole	B	Yes	1812 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	4.38	19540A0060.jpg	19540IO061.jpg	D03	33.997	-96.3961			6	
11	19560	Manhole	B	Yes	1723 W. EVERGREEN ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Concrete	3.1	19560A0045.jpg	19560IO046.jpg	D03	33.9967	-96.3949			3	JET HOSE IN PIPE FROM EAST
11	19561	EOLS	X-Access	No Access	1723 W. EVERGREEN ST.					Street	Paved					No Photo	No Photo								
11	19562	Manhole	B	Yes	1806 W. EVERGREEN ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Concrete	4.68	19562A0053.jpg	19562IO054.jpg	D03	33.9969	-96.3956			2	
11	19570	Manhole	D	Yes	1720 W. EVERGREEN ST.	Vented	1	No	Light	Yard	Unpaved	Above Grade	1	36	Brick	4.34	19570A0087.jpg	19570IO088.jpg	D03	33.9971	-96.3945			2	
11	19571	Fee Connection	X-Access	No Access	1720 W. EVERGREEN ST.					Street	Paved - Asphalt					No Photo	No Photo	D03	33.9966	-96.3946					METAL DETECTED.
11	19572	EOLS	X-Access	No Access	1720 W. EVERGREEN ST.					Yard	Unpaved					No Photo	No Photo	D03							METAL DETECTED
11	19573	EOLS	X-Access	No Access	1720 W. EVERGREEN ST.					Yard	Unpaved					No Photo	No Photo	D03							METAL DETECTED.
11	19580	Manhole	D	Yes	1815 W. EVERGREEN ST.	Solid		No	Light	Alley	Paved - Asphalt	Above Grade	2	Std 48 Round	Brick	5.5	19580A0036.jpg	19580IO037.jpg	D03	33.9965	-96.3965			3	NO LINE COMING IN @12:00 LIKE MAP SHOWS.
11	19600	Manhole	D	Yes	1811 W. EVERGREEN ST.	Solid		No	Light	Alley	Paved - Asphalt	Above Grade	4	Std 48 Round	Brick	7.4	19600A0027.jpg	19600IO028.jpg	D03	33.9963	-96.3958			1	MOSTLEY ROUND
11	19610	Manhole	C	Yes	1802 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	4	Std 48 Round	Brick	9.46	19610A0016.jpg	19610IO017.jpg	D03	33.9961	-96.3951			3	
11	19620	Manhole	C	Yes	1902 W. MAIN ST.	Solid		No	Light	Alley	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.12	19620A0072.jpg	19620IO073.jpg	D03	33.9967	-96.3973			3	UPPER IS CONCRETE
11	19621	Manhole	C	Yes	2003 W. EVERGREEN ST.	Vented	1	No	Moderate	Alley	Unpaved	Below Grade	1	24	Concrete	3.2	19621A0082.jpg	19621IO083.jpg	D03	33.9973	-96.3996			3	METAL DETECTED HERE TO DS . NO NEW MH
11	19622	EOLS	X-Access	No Access	1902 W. MAIN ST.					Alley	Paved					No Photo	No Photo	D03							
11	19630	Manhole	B	Yes	1902 W MAIN ST.	Vented	1	Yes	None	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.88	19630A0036.jpg	19630IO037.jpg	D03	33.9962	-96.3974			2	
11	19640	Manhole	B	Yes	1901 W. MAIN ST.	Vented	14	No	Light	Yard	Unpaved	Above Grade	14	Std 48 Round	Concrete	4.52	19640A0001.jpg	19640IO002.jpg	D03	33.9955	-96.3976			0	
11	19641	Manhole	B	Yes	1901 W. MAIN ST.	Vented	1	No	None	Yard	Unpaved	At Grade		Std 48 Round	Concrete	6	19641A0008.jpg	19641IO009.jpg	D03	33.996	-96.3975			0	
11	19642	EOLS	X-Access	No Access	1901 W. MAIN ST.					Alley	Unpaved					No Photo	No Photo	D03							METAL DETECTED
11	19660	Manhole	X-CNL	CNL	1901 W. MAIN ST.					Yard	Unpaved					No Photo	No Photo	D03							METAL DETECTED
11	19680	Manhole	B	Yes	1811 W. ARKANSAS ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.3	19680A0038.jpg	19680IO039.jpg	D03	33.9945	-96.3976			1	32" LID. SIZES VERIFIED.
11	19690	Manhole	B	Yes	1811 W. ARKANSAS ST.	Bolted		No	Moderate	Yard	Unpaved	Above Grade	45	Std 48 Round	Concrete	7.52	19690A0023.jpg	19690IO024.jpg	D03	33.994	-96.398			0	NO BOLTS. BRICK CHIMNEY
11	19690A	Manhole	B	Yes	1811 W. ARKANSAS ST.	Solid		No	Light	Yard	Unpaved	Above Grade	28	Std 48 Round	Concrete	8.16	19690AA0018.jpg	19690AIO019.jpg	D03	33.9943	-96.3981			1	
11	19690B	Manhole	B	Yes	1811 W. ARKANSAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8	19690BA0013.jpg	19690BIO014.jpg	D03	33.9946	-96.3983			0	
11	19690C	Manhole	B	Yes	1901 W. ARKANSAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8	19690CA0031.jpg	19690CIO032.jpg	D03	33.9948	-96.3992			1	
11	19690D	EOLS	X-Access	No Access	1901 W. ARKANSAS ST.					Street	Paved - Asphalt					No Photo	No Photo	D03							METAL DETECTED
11	19700	Manhole	B	Yes	1800 W. ARKANSAS ST.	Vented	1	No	None	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.4	19700A0037.jpg	19700IO038.jpg	D03	33.9943	-96.3978			0	WILL NEED TRAFFIC CONTROL TO INSPECT 19670A.
11	19720	Manhole	B	Yes	1725 W. ARKANSAS ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	4.7	19720A0011.jpg	19720IO012.jpg	D03	33.9941	-96.3959			1	
11	19721	Manhole	D	Yes	1605 W. ARKANSAS ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.52	19721A0019.jpg	19721IO020.jpg	D03	33.9939	-96.3954			1	
11	19730	Manhole	X-CNL	CNL	1800 W. ARKANSAS ST.					Street	Paved - Asphalt					No Photo	No Photo	D03							METAL DETECTED. DS IS ESTIMATE.
11	19740	Manhole	B	Yes	1635 W. MAIN ST.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	4.32	19740A0054.jpg	19740IO055.jpg	D03	33.9948	-96.3956			1	
11	19750	Manhole	X-CNL	CNL	1817 W. MAIN ST.					Alley	Unpaved					No Photo	No Photo	D03							METAL DETECTED
11	19760	Manhole	X-Buried	Buried	1802 W. MAIN ST.					Street	Paved - Asphalt	Below Grade				19760A0054.jpg	No Photo	D03	33.9956	-96.3953					
11	19920	Manhole	D	Yes	1503 W. ARKANSAS ST.	Vented	1	No	Moderate	Street	Paved - Asphalt	Below Grade	1	36	Brick	7.6	19920A0001.jpg	19920IO002.jpg	D03	33.9934	-96.3931			2	32" LID.
11	19940	Manhole	D	Yes	1529 W. ARKANSAS ST.	Vented	1	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.23	19940A0028.jpg	19940IO029.jpg	D03	33.9936	-96.3942			1	CITY NOTIFIED ABOUT LID.
11	19950	Manhole	X-CNL	CNL	1505 W. MAIN ST.					Alley	Unpaved					No Photo	No Photo	D03							METAL DETECTED
11	19960	Manhole	D	Yes	217 S. 1ST AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	6.86	19960A0084.jpg	19960IO085.jpg	D03	33.9929	-96.3933			2	
11	19961	EOLS	X-Access	No Access	217 S. 1ST AVE.					Alley	Unpaved					No Photo	No Photo								
11	19980	Manhole	C	Yes	1407 S. 14TH AVE.	Solid		No	Light	Alley	Unpaved	Above Grade	3	Std 48 Round	Concrete	4.6	19980A0047.jpg	19980IO048.jpg	D03	33.9927	-96.3926			1	
11	19990	Manhole	C	Yes	316 S. 15 AVE	Solid		No	Light	Street	Paved - Asphalt	At Grade		42	Brick	5.82	19990A0061.jpg	19990IO062.jpg	E03	33.992	-96.3936			0	
11	19991	EOLS	X-Access	No Access	316 S. 15 AVE					Yard	Unpaved	Below Grade				No Photo	No Photo	E03							
11	19992	EOLS	X-Access	No Access	316 S. 15 AVE					Alley	Unpaved	Below Grade				No Photo	No Photo	E03							
11	20000	Manhole	C	Yes	151 W. LOUISIANA ST.	Vented	1	Yes	None	Road Shoulder	Unpaved	Above Grade	1	36	Brick	4.26	20000A0072.jpg	20000IO073.jpg	E03	33.9918	-96.3948			2	
11	20001	EOLS	X-Access	No Access	151 W. LOUISIANA ST.					Shoulder	Unpaved	Below Grade				No Photo	No Photo	E03							
11	20010	Manhole	C	Yes	1501 W. MISSISSIPPI	Vented	2	Yes	None	Street	Paved - Asphalt	At Grade		40	Brick	6.54	20010A0101.jpg	20010IO102.jpg	E03	33.9904	-96.3953			2	
11	20011	Manhole	D	Yes	1421 W. MISSISSIPPI ST.	Solid		No	Moderate	Street	Paved - Asphalt	At Grade		42	Brick	6.2	20011A0111.jpg	20011IO112.jpg	E03	33.9904	-96.3947			2	
11	20020	Manhole	X-CNL	CNL	1501 W. MISSISSIPPI ST.					Street	Paved - Asphalt					No Photo	No Photo	E03							METAL DETECTED. POSSIBLE DNE. DS IS ESTIMATE.
11	20030	Manhole	C	Yes	420 S. 17TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		30	Brick	2.22	20030A0091.jpg	20030IO092.jpg	E03	33.9904	-96.3962			2	DEPTHS VERIFIED.
11	20040	Manhole	C	Yes	405 S. 17TH AVE.	Vented	2	No	Moderate	Street	Paved - Concrete	At Grade		24	Brick	1.66	20040A0083.jpg	20040IO084.jpg	E03	33.9914	-96.3959			3	
11	20050	Manhole	C	Yes	1419 W. MISSISSIPPI ST.	Solid		No	Severe	Street	Paved - Asphalt	At Grade		36	Brick	6.52	20050A0120.jpg	20050IO121.jpg	E03	33.9903	-96.3943			1	EVIDENCE OF SURCHARGE.
11	20060	Manhole	C	Yes	421 S. 14TH AVE.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.55	20060A0065.jpg	20060IO066.jpg	E03	33.9906	-96.3929			1	
11	20061	EOLS	X-Access	No Access	421 S. 14TH AVE.					Street	Paved	Below Grade				No Photo	No Photo	E03							
11	20062	EOLS	X-Access	No Access	421 S. 14TH AVE.					Yard	Unpaved					No Photo	No Photo	E03		</					

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
11	20321	EOLS	X-Access	No Access	630 W. GEORGIA ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	E03						
11	20330	Manhole	B	Yes	620 S 13TH AVE	Vented	34	No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	7.3	20330A0089.jpg	20330I0090.jpg	E03	33.9872	-96.392			1	
11	20331	EOLS	X-Access	No Access	620 W. GEORGIA ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E03						
11	20340	Manhole	B	Yes	622 S 14TH AVE	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	7	20340A0007.jpg	20340I0008.jpg	E03	33.9875	-96.3931			1	
11	20341	Manhole	B	Yes	625 S. 13TH AVE	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	7.38	20341A0001.jpg	20341I0002.jpg	E03	33.9873	-96.3926			0	
11	20342	EOLS	X-Access	No Access	625 S. 13TH AVE					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	20343	EOLS	X-Access	No Access	622 W. GEORGIA ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	E03						
11	20344	Manhole	B	Yes	701 S. 14TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.8	20344A0014.jpg	20344I0015.jpg	E03	33.9876	-96.3936			0	
11	20345	EOLS	X-Access	No Access	701 S. 14TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	20350	Manhole	C	Yes	623 S. 15TH AVE	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.02	20350A0020.jpg	20350I0021.jpg	E03	33.9879	-96.3947			3	EVIDENCE OF SURCHARGE
11	20351	Manhole	B	Yes	618 S. 15TH AVE	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.7	20351A0030.jpg	20351I0031.jpg	E03	33.9885	-96.3947			2	
11	20360	Manhole	C	Yes	1428 W. ALABAMA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Vault	Brick	6.3	20360A0019.jpg	20360I0020.jpg	E03	33.9891	-96.3947			2	EVIDENCE OF SURCHARGE
11	20361	EOLS	X-Access	No Access	1428 W. ALABAMA ST.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	20370	Manhole	C	Yes	528 W. ALABAMA ST.	Bolted		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.6	20370A0028.jpg	20370I0029.jpg	E03	33.9888	-96.3933			1	BOLTS MISSING. CHIMNEY IS CONCRETE
11	20380	Manhole	C	Yes	528 W. ALABAMA ST.	Bolted		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.6	20380A0035.jpg	20380I0036.jpg	E03	33.9887	-96.3927			1	NO BOLTS
11	20390	Manhole	D	Yes	1317 W. MISSISSIPPI ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	5.75	20390A0082.jpg	20390I0083.jpg	E03	33.9898	-96.3924			2	
11	20400	Manhole	C	Yes	501 S. 12TH AVE.	Solid		No	Light	Alley	Unpaved	At Grade		36	Brick	5.5	20400A0053.jpg	20400I0054.jpg	E03	33.9894	-96.3912			2	
11	20410	Manhole	B	Yes	1212 W. ALABAMA ST.	Vented	1	Yes	Light	Street	Paved - Asphalt	At Grade		30	Brick	3.8	20410A0035.jpg	20410I0036.jpg	E03	33.9884	-96.3916			1	
11	20420	Manhole	B	Yes	1104 W. ALABAMA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.5	20420A0043.jpg	20420I0044.jpg	E03	33.9881	-96.3904			1	
11	20421	EOLS	X-Access	No Access	1104 W. ALABAMA ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E03						
11	20422	EOLS	X-Access	No Access	1104 W. ALABAMA ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E03						
11	20430	Manhole	D	Yes	1901 W. MISSISSIPPI ST.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	6	32	Sealed Brick	3	20430A0024.jpg	20430I0025.jpg	E03	33.9893	-96.3983			2	
11	20431	Manhole	C	Yes	1901 W. MISSISSIPPI ST.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	5	20431A0052.jpg	20431I0053.jpg	E03	33.9893	-96.3972			2	AVALON APARTMENTS.
11	20440	Manhole	D	Yes	1901 W. MISSISSIPPI ST.	Bolted		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	11.54	20440A0087.jpg	20440I0088.jpg	E03	33.9894	-96.3986			0	32" LID. 0 BOLTS AVALON APARTMENTS.
11	20450	Manhole	C	Yes	1901 W. MISSISSIPPI ST.	Vented	1	No	Moderate	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	14.16	20450A0077.jpg	20450I0078.jpg	DO3	33.9896	-96.3984			0	32" LID. AVALON APARTMENTS.
11	20460	Manhole	D	Yes	1901 W. MISSISSIPPI ST.	Solid		No	Moderate	Yard	Unpaved	Above Grade	2	36	Brick	9.76	20460A0010.jpg	20460I0011.jpg	E03	33.9894	-96.3986			3	10.24 . NO ASSETS FOUND FOR PIPES 2&4 .DIAM'S VERIFIED.
11	20461	Manhole	D	Yes	1901 W. MISSISSIPPI ST.	Vented	1	No	Light	Yard	Unpaved	Above Grade	3	30	Fiberglass	6.84	20461A0033.jpg	20461I0034.jpg	E03	33.9891	-96.3985			1	32" LID. AVALON APARTMENTS.
11	20462	Manhole	D	Yes	1901 W. MISSISSIPPI ST.	Solid		No	Moderate	Yard	Unpaved	Below Grade	2	30	Fiberglass	4.92	20462A0041.jpg	20462I0042.jpg	E03	33.989	-96.398			2	32" LID. AVALON APARTMENTS.
11	20470	Manhole	B	Yes	1901 W. MISSISSIPPI ST.	Vented	1	No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	10.45	20470A0067.jpg	20470I0068.jpg	E03	33.99	-96.3981			1	32" LID. EVIDENCE OF SURCHARGE. AVALON APARTMENTS.
11	21030	Manhole	C	Yes	219 S. 12TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	3.92	21030A0010.jpg	21030I0011.jpg	E03	33.992	-96.3896			1	
11	21040	Manhole	D	Yes	203 S. 11TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	4.1	21040A0039.jpg	21040I0040.jpg	E03	33.9917	-96.3884			2	PIPE SIZES VERIFIED. NO PIPE AT 7
11	21050	Manhole	C	Yes	924 W. TEXAS ST.	Vented	2	Yes	None	Street	Paved - Asphalt	Below Grade	1	36	Brick	7.38	21050A0026.jpg	21050I0027.jpg	E03	33.9914	-96.3874			1	
11	21060	Manhole	C	Yes	215 S. 6TH AVE.	Vented	23	No	Moderate	Street	Paved - Asphalt	At Grade		36	Brick	6.14	21060A0031.jpg	21060I0032.jpg	E03	33.9907	-96.3845			2	NO PIPES AT 12 AND 3 O'CLOCK
11	21070	Manhole	B	Yes	201 S. 9TH AVE.	Solid		No	Light	Alley	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	4.74	21070A0034.jpg	21070I0035.jpg	E03	33.9911	-96.3862			1	
11	21090	Manhole	D	Surcharged	1016 W. LOUISIANA ST.	Solid		No	Moderate	Alley	Unpaved	Below Grade	1	40	Brick	7.74	21090A0001.jpg	21090I0002.jpg	E03	33.9906	-96.3882			15	
11	21091	Manhole	C	Yes	824 W. LOUISIANA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		38	Brick	6.8	21091A0028.jpg	21091I0029.jpg	E03	33.9901	-96.3863			1	38" LID.
11	21100	Manhole	C	Yes	308 S 12TH AVE	Solid		No	Light	Alley	Unpaved	Above Grade	1	32	Brick	4.64	21100A0081.jpg	21100I0082.jpg	DO3	33.9909	-96.3894			2	
11	21160	Manhole	C	Yes	308 S 7TH AVE	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	7.36	21160A0038.jpg	21160I0039.jpg	E03	33.9898	-96.3849			1	
11	21180	Manhole	B	Yes	1021 W. LOUISINA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.06	21180A0017.jpg	21180I0018.jpg	E03	33.9902	-96.3887			3	
11	21181	Manhole	B	Yes	1001 W. LOUISIANA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7	21181A0023.jpg	21181I0024.jpg	E03	33.99	-96.3878			1	
11	21190	Manhole	D	Yes	419 S. 10TH AVE.	Bolted		No	Severe	Yard	Unpaved	Above Grade	4	Std 48 Round	Concrete	5.86	21190A0039.jpg	21190I0040.jpg	E03	33.9898	-96.3885			0	0 BOLTS.
11	21191	EOLS	X-Access	No Access	419 S. 10TH AVE.					Yard	Unpaved	Below Grade					No Photo	No Photo	E03						
11	21200	Manhole	B	Yes	419 S. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	2	Std 48 Round	Concrete	6.76	21200A0030.jpg	21200I0031.jpg	E03	33.9896	-96.3879			1	
11	21210	Manhole	X-CNL	CNL	1112 W. LOUISINA ST.					Street	Paved - Asphalt						No Photo	No Photo	E03						METAL DETECTED.
11	21220	Manhole	B	Yes	1112 W. LOUISIANA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.58	21220A0010.jpg	21220I0011.jpg	E03	33.9904	-96.3895			1	
11	21221	EOLS	X-Access	No Access	1112 W. LOUISIANA ST.					Alley	Unpaved	Below Grade					No Photo	No Photo	E03						
11	21230	Manhole	C	Yes	433 W. MISSISSIPPI ST.	Solid		No	Moderate	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	7.74	21230A0049.jpg	21230I0050.jpg	E03	33.9887	-96.3882			1	
11	21231	Manhole	D	Yes	515 S. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		40	Sealed Brick	5.43	21231A0082.jpg	21231I0083.jpg	E03	33.9881	-96.3884			1	CITY NOTIFIED ABOUT LID.
11	21232	EOLS	X-Access	No Access	515 S. 10TH AVE.					Alley	Unpaved	Below Grade					No Photo	No Photo	E03						
11	21240	Manhole	X-CNO	CNO	917 W. MISSISSIPPI ST.	Solid				Street	Paved - Asphalt	Below Grade	1				21240A0058.jpg	No Photo	E03	33.9886	-96.3876				PIPES UNVERIFIED.
11	21241	EOLS	X-Access	No Access	917 W. MISSISSIPPI ST.					Yard	Unpaved						No Photo	No Photo	E03						
11	21250	Manhole	C	Yes	1002 W. ALABAMA ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.6	21250A0045.jpg	21250I0046.jpg	E03	33.9876	-96.3886			0	
11	21260	Manhole	B	Yes	1002 W. ALABAMA ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6	21260A0056.jpg	21260I0057.jpg	E03	33.9876	-96.3886			0	
11	21270	Manhole	D	Yes	918 W. ALABAMA ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		52	Brick	6.06	21270A0059.jpg	21270I0060.jpg	E03	33.9874	-96.3879			1	
11	21271	EOLS	X-Access	No Access	918 W. ALABAMA ST.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	21280	Manhole	B	Yes	620 S. 10TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	9.58	21280A0061.jpg	21280I0062.jpg	E03	33.9871	-96.3888			0	CHIMNEY IS BRICK
11	21290	Manhole	B	Yes	935 W. GEORGIA ST.	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	11.45	21290A0068.jpg	21290I0069.jpg	E03	33.9864	-96.389			1	32 IN LID
11	21300	Manhole	B	Yes	1015 W. GEORGIA ST.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	10.7	21300A0075.jpg	21300I0076.jpg	E03	33.9866	-96.3896			1	
11	21301	EOLS	X-Access	No Access	1015 W. GEORGIA ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	E03						
11	21310	Manhole	B	Yes	704 S. 10TH AVE.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	9.1	21310A0028.jpg	21310I0029.jpg	E03	33.9855	-96.3894			1	
11	21311	EOLS	X-Access	No Access	704 S. 10TH AVE.					Shoulder	Unpaved	Below Grade					No Photo	No Photo	E03						
11	21320	Manhole	E	Yes	704 S. 10TH AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	14	Std 48 Round	Concrete	10.6	21320A0035.jpg	21320I0036.jpg	E02	33					

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
11	21510	Manhole	X-CNL	CNL	701 S. 9TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	E03						METAL DETECTED. DS IS ESTIMATE.
11	21520	Manhole	D	Yes	918 W. GEORGIA ST.	Solid		Yes	Light	Street	Paved - Asphalt	Below Grade	1	52	Brick	9.28	21520A0072.jpg	21520I0073.jpg	E03	33.9863	-96.3883			1	
11	21521	EOLS	X-Access	No Access	918 W. GEORGIA ST.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	21530	Manhole	C	Yes	622 W. GEORGIA ST.	Solid		Yes	Light	Street	Paved - Asphalt	Above Grade	1	36	Brick	6.14	21530A0032.jpg	21530I0033.jpg	E03	33.9858	-96.3863			1	PIPE 3 REDUCES TO 6INCH PIPE
11	21531	EOLS	X-Access	No Access	622 W. GEORGIA ST.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	21540	Manhole	D	Yes	705 W. GEORGIA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	10.1	21540A0021.jpg	21540I0022.jpg	E03	33.9859	-96.3869			1	
11	21550	Manhole	C	Yes	701 S. 6TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	5.62	21550A0045.jpg	21550I0046.jpg	E04	33.9854	-96.3849			2	
11	21551	EOLS	X-Access	No Access	701 S. 6TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	21560	Manhole	D	Yes	517 W. GEORGIA ST.	Vented	2	No	Moderate	Street	Paved - Asphalt	Below Grade	1	36	Brick	5.34	21560A0037.jpg	21560I0038.jpg	E04	33.9852	-96.3842			1	
11	21570	Manhole	C	Yes	711 S. 5TH AVE.	Vented	2	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Sealed Brick	4.48	21570A0001.jpg	21570I0002.jpg	E04	33.9846	-96.3836			4	
11	21571	EOLS	X-Access	No Access	711 S. 5TH AVE.					Street	Paved	Below Grade					No Photo	No Photo	E04						
11	21580	Manhole	B	Yes	624 S. 5TH AVE.	Vented	1	No	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	8.22	21580A0044.jpg	21580I0045.jpg	E03	33.985	-96.3834			0	32 INCH LID. CHIMNEY IS BRICK
11	21590	Manhole	C	Yes	624 GEORGIA ST.	Solid		No	None	Street	Paved - Asphalt	At Grade		36	Brick	7.98	21590A0052.jpg	21590I0053.jpg	E03	33.985	-96.3835			1	
11	21600	Manhole	C	Yes	723 W. TENNESSEE ST.	Vented	12	No	Moderate	Street	Paved - Asphalt	Below Grade	1	36	Brick	5.17	21600A0001.jpg	21600I0002.jpg	E04	33.9836	-96.3822			3	
11	21640	Manhole	D	Yes	603 S. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	36	Brick	8.78	21640A0010.jpg	21640I0011.jpg	E04	33.9862	-96.383			2	PIPE SIZES VERIFIED
11	21641	Manhole	X-CNO	CNO	603 S. 5TH AVE.	Solid			Light	Street	Paved - Asphalt	Below Grade	1				21641A0009.jpg	No Photo	E03	33.9858	-96.3832			0	SEALED WITH TAR AND ASPHALT
11	21650	Manhole	D	Yes	603 W. ALABAMA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	8.45	21650A0054.jpg	21650I0055.jpg	E04	33.9866	-96.3845			1	
11	21651	EOLS	X-Access	No Access	603 W. ALABAMA ST.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	21652	EOLS	X-Access	No Access	603 W. ALABAMA ST.					Street	Paved	Below Grade					No Photo	No Photo	E03						
11	21660	Manhole	C	Yes	701 W. ALABAMA ST.	Solid		Yes	Light	Street	Paved - Asphalt	At Grade		36	Brick	5	21660A0064.jpg	21660I0065.jpg	E03	33.9869	-96.3859			2	
11	21670	Manhole	D	Yes	705 W. ALABAMA ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	8.34	21670A0012.jpg	21670I0013.jpg	E03	33.9871	-96.3864			2	
11	21680	Manhole	B	Yes	604 S. 9TH AVE.	Vented	2	Yes	Light	Street	Paved - Asphalt	Below Grade	1	36	Brick	5.64	21680A0008.jpg	21680I0009.jpg	E03	33.9872	-96.3871			2	
11	21681	Manhole	D	Yes	510 S. 9TH AVE.	Vented	2	No	Severe	Gutter	Paved - Asphalt	Below Grade	1	Std 48 Round	Brick	5.5	21681A0016.jpg	21681I0017.jpg	E03	33.9878	-96.387			1	
11	21690	Manhole	X-CNL	CNL	435 S. 9TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	E03						METAL DETECTED. DS IS ESTIMATE.
11	21700	Manhole	X-CNL	CNL	435 S. 9TH AVE.					Street	Paved - Asphalt						No Photo	No Photo	E03						METAL DETECTED.
11	21710	Manhole	C	Yes	710 W. MISSISSIPPI ST.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	36	Sealed Brick	8.12	21710A0001.jpg	21710I0002.jpg	E03	33.9882	-96.3862			2	
11	21711	EOLS	X-Access	No Access	710 W. MISSISSIPPI ST.					Alley	Paved	Below Grade					No Photo	No Photo	E04						
11	21720	Manhole	D	Yes	630 MISSISSIPPI ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Sealed Brick	9.04	21720A0012.jpg	21720I0013.jpg	E04	33.988	-96.3855			1	
11	21730	Manhole	B	Yes	620 MISSISSIPPI ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	5.72	21730A0039.jpg	21730I0040.jpg	E03	33.9878	-96.3848			1	PIPE 3 IS A RELIEF PIPE
11	21740	Manhole	D	Yes	620 MISSISSIPPI ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		36	Brick	6.36	21740A0046.jpg	21740I0047.jpg	E04	33.9878	-96.3848			2	PIPE 3 IS A RELIEF PIPE
11	21741	EOLS	X-Access	No Access	620 MISSISSIPPI ST.					Alley	Paved	Below Grade					No Photo	No Photo	E03						
11	21750	Manhole	X-CNL	CNL	530 MISSISSIPPI ST.					Street	Paved - Asphalt						No Photo	No Photo	E04						METAL DETECTED
11	21751	EOLS	X-Access	No Access	412 S. 6TH AVE.					Road Shoulder	Unpaved						No Photo	No Photo	E03						METAL DETECTED
11	21760	Manhole	C	Yes	523 W. MISSISSIPPI ST.	Solid		No	Moderate	Driveway	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.9	21760A0001.jpg	21760I0002.jpg	E03	33.9876	-96.3838			2	NO LONGER CNO.
11	21770	Manhole	D	Yes	502 S. 5TH AVE.	Vented	19	No	Severe	Street	Paved - Asphalt	At Grade		36	Brick	7.12	21770A0026.jpg	21770I0027.jpg	E04	33.9873	-96.3826			3	
11	21780	Manhole	B	Yes	502 S. 5TH AVE.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.2	21780A0019.jpg	21780I0020.jpg	E04	33.9873	-96.3826			1	CHIMNEY IS BRICK
11	24750	Manhole	B	Yes	809 W. VIRGINIA ST.	Bolted		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	7.16	24750A0031.jpg	24750I0032.jpg	E03	33.9828	-96.3835			1	3 BOLTS. 32 INCH LID
11	24760	Manhole	B	Yes	809 W. VIRGINIA ST.	Bolted		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	8.34	24760A0037.jpg	24760I0038.jpg	E04	33.9826	-96.3827			1	4 BOLTS. 32 INCH LID
11	24770	Manhole	B	Yes	809 W. VIRGINIA ST.	Bolted		No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	8.06	24770A0043.jpg	24770I0044.jpg	E04	33.982	-96.3823			1	0 BOLTS
11	24780	Manhole	C	Yes	809 W. VIRGINIA ST.	Vented	1	Yes	Light	Field	Unpaved	Above Grade	1	Std 48 Round	Concrete	12.7	24780A0050.jpg	24780I0051.jpg	E04	33.9819	-96.3813			1	DEPTHS VERIFIED
11	24790	Manhole	D	Yes	809 W. VIRGINIA ST.	Vented	1	No	Light	Field	Unpaved	Above Grade	3	Std 48 Round	Concrete	11.66	24790A0057.jpg	24790I0058.jpg	E04	33.9818	-96.3804			1	
11	24800	Manhole	B	Yes	802 S. 2ND AVE.	Vented	1	No	None	Trees/Woods	Unpaved	Above Grade	28	Std 48 Round	Concrete	14.5	24800A0066.jpg	24800I0067.jpg	E04	33.9825	-96.3799			1	
11	26120	Manhole	X-CNL	CNL	1620 BLANCHARD RD.					Field	Unpaved						No Photo	No Photo	E03						METAL DETECTED. TO MUCH DEBRIS SETTING OFF DETECTOR
11	26121	EOLS	X-Access	No Access	1620 BLANCHARD RD.					Parking Lot	Unpaved	Below Grade					No Photo	No Photo	E03						
12	24680	Manhole	B	Yes	2465 S. 9TH AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	9	Std 48 Round	Concrete	7.8	24680A0010.jpg	24680I0011.jpg	F03	33.9687	-96.3931			3	EVIDENCE OF SURCHARGE
12	24681	Manhole	D	Yes	2465 S. 9TH AVE.	Solid		No	Severe	Trees/Woods	Unpaved	Above Grade	5	Std 48 Round	Concrete	3.12	24681A0001.jpg	24681I0002.jpg	F03	33.9694	-96.3927			5	32" LID. SSO. DEPTHS VERIFIED
12	24682	EOLS	X-Access	No Access	2465 S 9TH AVE.					Yard	Unpaved	Below Grade					No Photo	No Photo	F03						
12	24683	Manhole	B	Yes	2465 S 9TH AVE.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Concrete	8.25	24683A0039.jpg	24683I0040.jpg	F03	33.9695	-96.3932			1	32' LID.
12	24684	Manhole	D	Yes	2465 S. 9TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	46	Std 48 Round	Fiberglass	10.4	24684A0006.jpg	24684I0007.jpg	F03	33.9688	-96.3935			1	
12	24690	Manhole	B	Yes	2504 S 9TH AVE.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	14	Vault	Concrete	5.1	24690A0009.jpg	24690I0010.jpg	F03	33.9696	-96.3925	5 X 7		5	VAULT- 7.19 LONG, 5.36 WIDE.OLD METERING STATION
12	24691	Manhole	D	Yes	2504 S. 9TH AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	20	Std 48 Round	Concrete	5.44	24691A0016.jpg	24691I0017.jpg	F03	33.9695	-96.3926			3	EVIDENCE OF SURCHARGE.
12	24700	Manhole	X-CNL	CNL	2504 S. 9TH AVE.					Parking Lot	Paved - Concrete						No Photo	No Photo	F03						METAL DETECTED
12	24710	Manhole	X-CNL	CNL	2202 S 9TH AVE.					Trees/Woods	Unpaved						No Photo	No Photo	F03						METAL DETECTED.
12	24720	Manhole	B	Yes	2504 S 9TH AVE.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	2	Std 48 Round	Concrete	7.65	24720A0026.jpg	24720I0027.jpg	F03	33.9704	-96.3921			2	
12	24730	Manhole	C	Yes	2202 S 9TH AVE.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	4	Std 48 Round	Concrete	10.04	24730A0032.jpg	24730I0033.jpg	F03	33.9717	-96.391			4	EVIDENCE OF SURCHARGE.
12	24731	EOLS	X-Access	No Access	2202 S. 9TH AVE.					Yard	Unpaved						No Photo	No Photo	F03						METAL DETECTED
12	24810	Manhole	X-CNO	CNO	1924 S. 9TH AVE.	Vented	1		Light	Trees/Woods	Unpaved	Above Grade	2				24810A0022.jpg	No Photo	E03	33.9779	-96.3856				
12	24820	Manhole	D	Surcharged	501 BLANCHARD RD.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	7	Std 48 Round	Concrete	6.64	24820A0009.jpg	24820I0010.jpg	E03	33.9785	-96.3849			5	
12	24830	Manhole	X-CNL	CNL	501 BLANCHARD RD.					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	E03						METAL DETECTED.
12	24840	Manhole	X-CNL	CNL	501 BLANCHARD RD.					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	E03						METAL DETECTED
12	24850	Manhole	D	Yes	522 BLANCHARD RD.	Solid		No	Light	Field	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.55	24850A0063.jpg	24850I0064.jpg	E03	33.9802	-96.383			1	
12	24860	Manhole	X-CNO	CNO	1924 S. 9TH AVE.	Solid				Trees/Woods	Unpaved	Above Grade	12				24860A0021.jpg	No Photo	F03	33.9765	-96.386				
12	24870	Manhole	X-CNO	CNO	1924 S. 9TH AVE.	Solid				Trees/Woods	Unpaved	Above Grade	13				24870A0020.jpg	No Photo	E03	33.9765	-96.3869				
12	24880	Manhole	D	Yes	1924 S.																				

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
12	25111	EOLS	X-Access	No Access	2606 RODEO RD.					Field	Unpaved	Below Grade					No Photo	No Photo	G03						AREA UNDER CONSTRUCTION
12	25112	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	5	Std 48 Round	Concrete	8.02	25112A0025.jpg	25112I0026.jpg	G03	33.9581	-96.3993			1	32" LID.
12	25113	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	5	Std 48 Round	Concrete	6.76	25113A0032.jpg	25113I0033.jpg	G03	33.9592	-96.3993			1	
12	25114	Manhole	C	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Concrete	9.1	25114A0037.jpg	25114I0038.jpg	G03	33.9582	-96.4001			1	32" LID.
12	25115	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Concrete	7.32	25115A0042.jpg	25115I0043.jpg	G03	33.9576	-96.4004			0	32" LID.
12	25116	Manhole	D	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.7	25116A0050.jpg	25116I0051.jpg	G03	33.9576	-96.4002			3	32" LID.
12	25117	EOLS	X-Access	No Access	2725 WALNUT RD.					Field	Unpaved	Below Grade					No Photo	No Photo	G03						
12	25118	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.84	25118A0001.jpg	25118I0002.jpg	G03	33.9594	-96.4001			1	32" LID.
12	25119	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	At Grade		Std 48 Round	Concrete	8.5	25119A0058.jpg	25119I0059.jpg	G03	33.9582	-96.3999			1	
12	25120	Manhole	D	Yes	2724 WALNUT RD.	Vented	1	No	Moderate	Street	Paved - Concrete	At Grade		Std 48 Round	Concrete	9.26	25120A0008.jpg	25120I0009.jpg	G03	33.9567	-96.3997			3	PA METER SITE
12	25123	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.26	25123A0066.jpg	25123I0067.jpg	G03	33.9577	-96.4006			0	
12	25124	EOLS	X-Access	No Access	2725 WALNUT RD.					Field	Unpaved	Below Grade					No Photo	No Photo	G03						
12	25125	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.1	25125A0018.jpg	25125I0019.jpg	G03	33.9567	-96.4008			0	32" LID.
12	25126	EOLS	X-Access	No Access	2725 WALNUT RD.					Field	Unpaved	Below Grade					No Photo	No Photo	G03						
12	25127	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	7.24	25127A0006.jpg	25127I0007.jpg	G03	33.9586	-96.4009			0	32" LID.
12	25128	Manhole	B	Yes	2724 WALNUT DR.	Vented	9	No	Light	Field	Unpaved	Above Grade	8	Std 48 Round	Concrete	8.1	25128A0012.jpg	25128I0013.jpg	G03	33.9578	-96.4017			0	32" LID.
12	25129	EOLS	X-Access	No Access	2725 WALNUT DR.					Field	Unpaved	Below Grade					No Photo	No Photo	G03						
12	26800	Manhole	C	Yes	2306 BIG LOTS PKWY	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	8.24	26800A0076.jpg	26800I0077.jpg	F03	33.9688	-96.4037			2	
12	26801	Manhole	B	Yes	2746 BIGLOTS BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	6.76	26801A0087.jpg	26801I0088.jpg	F03	33.9688	-96.4011			1	
12	26802	Manhole	B	Yes	2352 BIGLOTS BLVD	Solid		No	Light	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Concrete	8	26802A0092.jpg	26802I0093.jpg	F03	33.9688	-96.3998			1	
12	26803	Manhole	B	Yes	2465 S. 9TH AVE.	Solid		No	Light	Field	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	5.9	26803A0001.jpg	26803I0002.jpg	F03	33.9688	-96.3962			0	
12	26804	Manhole	B	Yes	2465 S. 9TH AVE.	Solid		No	Light	Field	Unpaved	Above Grade	12	Std 48 Round	Fiberglass	6.26	26804A0007.jpg	26804I0008.jpg	F03	33.9688	-96.3948			1	
12	26810	Manhole	X-CNL	CNL	2352 BIG LOTS PKWY.					Trees/Woods	Unpaved						No Photo	No Photo	F02						METAL DETECTED. FM MH.
13	10010	Manhole	D	Yes	506 E. CEDAR ST.	Vented	1	No	Light	Yard	Unpaved	Above Grade	10	36	Brick	12.72	10010A0059.jpg	10010I0060.jpg	E04	33.9913	-96.3665			2	EVIDENCE OF SURCHARGE.
13	18220	Manhole	D	Yes	1024 KATY ST.	None		No	Moderate	Trees/Woods	Unpaved	Above Grade	13	Std 48 Round	Brick	9.14	18220A0001.jpg	18220I0002.jpg	D04	34.0001	-96.3701			2	
13	18230	Manhole	C	Yes	1024 KATY ST.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	16	Std 48 Round	Concrete	13.86	18230A0017.jpg	18230I0018.jpg	D04	33.9998	-96.3702			2	
13	18240	Manhole	D	Yes	1024 KATY ST.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.82	18240A0001.jpg	18240I0002.jpg	D04	34.0001	-96.3712			3	
13	18241	Manhole	D	Yes	1024 W. WALNUT ST.	Solid		No	None	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	4.5	18241A0009.jpg	18241I0010.jpg	D04	34	-96.3708			3	
13	18250	Manhole	X-CNL	CNL	38 W. POPLAR ST.					Street	Paved - Asphalt						No Photo	No Photo	D04						
13	18260	Manhole	B	Yes	36 W. POPLAR ST.	Solid		No	Moderate	Street	Paved - Asphalt	Below Grade	2	Std 48 Round	Concrete	11.17	18260A0053.jpg	18260I0054.jpg	D04	33.9988	-96.3717			1	
13	18261	Manhole	B	Yes	6 W. MULBERRY ST.	Solid		No	None	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Concrete	3.58	18261A0064.jpg	18261I0065.jpg	D04	33.9981	-96.372			1	
13	18262	EOLS	X-Access	No Access	6 W. MULBERRY ST.					Road Shoulder	Unpaved						No Photo	No Photo							
13	18270	Manhole	B	Yes	24 W. PINE ST.	Solid		No	None	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.96	18270A0060.jpg	18270I0061.jpg	D04	33.9984	-96.371			1	
13	18301	Manhole	D	Yes	1203 NE 2ND AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	26	Std 60 Round	Concrete	5.24	18301A0042.jpg	18301I0043.jpg	D04	33.9997	-96.3673			0	32IN LID. EVIDENCE OF SURCHARGE
13	18302	Manhole	D	Yes	1203 NE 2ND AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	27	Std 60 Round	Concrete	5.84	18302A0053.jpg	18302I0054.jpg	D04	33.9997	-96.3672			1	32IN LID. EVIDENCE OF SURCHARGE
13	18303	Manhole	C	Yes	1203 NE 2ND AVE.	Vented	1	No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Brick	4.76	18303A0057.jpg	18303I0058.jpg	D04	33.9996	-96.3673			0	
13	18304	Manhole	D	Yes	1203 NE 2ND AVE.	Vented	2	No	Moderate	Yard	Unpaved	Above Grade	3	36	Brick	4.2	18304A0049.jpg	18304I0050.jpg	D04	33.9996	-96.3673			0	EVIDENCE OF SURCHARGE
13	18306	Manhole	C	Yes	1203 NE 2ND AVE.	Solid		No	None	Yard	Unpaved	Above Grade	22	Std 48 Round	Concrete	5.24	18306A0038.jpg	18306I0039.jpg	D04	33.9996	-96.3673			0	
13	18307	Manhole	B	Yes	1203 NE 2ND AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Vault	Concrete	4.18	18307A0032.jpg	18307I0033.jpg	D04	33.9996	-96.3674	11X10		3	2 MH OPENINGS.
13	18308	Manhole	B	Yes	1203 NE 2ND AVE.	Vented	1	No	Light	Field	Unpaved	Above Grade	6	Vault	Concrete	5.1	18308A0062.jpg	18308I0063.jpg	D04	33.9997	-96.3673	9FT X 6FT			
13	18309	Manhole	C	Yes	1203 NE 2ND AVE.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Brick	6.98	18309A0066.jpg	18309I0067.jpg	D04	33.9998	-96.3684			0	PIPE DEPTHS VERIFIED. BOTTOM OF WALL IS SEALED.
13	18431	Manhole	C	Yes	221 NE 4TH AVE.	Solid		No	None	Street	Paved - Concrete	At Grade		Std 60 Round	Concrete	13.75	18431A0001.jpg	18431I0002.jpg	D04	33.9971	-96.3673			0	PIPE DEPTHS VERIFIED. OUTGOING PIPE SIZE REDUCES.
13	18432	Manhole	B	Yes	221 NE 4TH AVE.	Solid		No	Light	Street	Paved - Concrete	At Grade		Std 60 Round	Concrete	9.08	18432A0014.jpg	18432I0015.jpg	D04	33.9971	-96.3673			2	SUMMIT MH.
13	18433	Manhole	D	Yes	1010 NE 2ND AVE.	Solid		No	Light	Field	Unpaved	Above Grade	16	Std 48 Round	Concrete	12.4	18433A0045.jpg	18433I0046.jpg	D04	33.998	-96.3672			0	
13	18434	Manhole	B	Yes	1010 NE 2ND AVE.	Solid		No	Light	Field	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.16	18434A0062.jpg	18434I0063.jpg	D04	33.9988	-96.3673			0	
13	18450	Manhole	D	Yes	221 NE 4TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	16.74	18450A0023.jpg	18450I0024.jpg	D04	33.9971	-96.3674			2	MORE DEFECTS.
13	18451	Manhole	D	Yes	221 NE 4TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	10.92	18451A0034.jpg	18451I0035.jpg	D04	33.9976	-96.3671			0	PIPE DEPTHS VERIFIED. MORE DEFECTS.
13	18460	Manhole	B	Yes	917 NE 2ND AVE.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Concrete	8.84	18460A0048.jpg	18460I0049.jpg	D04	33.9976	-96.3687			3	
13	18470	Manhole	B	Yes	912 E. POPULAR ST.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.68	18470A0069.jpg	18470I0070.jpg	D04	33.9977	-96.3683			0	BRICK CHIMNEY. DEPTHS VERIFIED.
13	18480	Manhole	C	Yes	124 E. PINE ST.	Solid		No	None	Street	Paved - Concrete	At Grade		Std 48 Round	Concrete	12.48	18480A0038.jpg	18480I0039.jpg	D04	33.997	-96.3689			1	
13	18490	Manhole	B	Yes	104 E. PINE ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.96	18490A0032.jpg	18490I0033.jpg	D04	33.9973	-96.3699			3	EVIDENCE OF SURCHARGE
13	18500	Manhole	B	Yes	720 OLD HWY 70	Solid		No	Light	Parking Lot	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	7.65	18500A0041.jpg	18500I0042.jpg	D04	33.9975	-96.3632			1	
13	18510	Manhole	D	Yes	720 OLD HWY 70	Solid		No	None	Yard	Unpaved	Above Grade	13	Std 48 Round	Fiberglass	9.14	18510A0048.jpg	18510I0049.jpg	D04	33.9984	-96.3631			1	
13	18520	Manhole	B	Yes	720 OLD HWY. 70	Solid		No	Light	Field	Unpaved	At Grade		Std 48 Round	Fiberglass	5.54	18520A0021.jpg	18520I0022.jpg	D04	33.9986	-96.3628			1	
13	18530	Manhole	X-CNL	CNL	624 US-70					Yard	Unpaved						No Photo	No Photo	D04						METAL DETECTED BOTH SIDES OF PROPERTY LINES.
13	18540	Manhole	X-CNL	CNL	624 US-70					Yard	Unpaved						No Photo	No Photo	D04						METAL DETECTED BOTH SIDES OF PROPERTY LINE, METAL DETECTED.
13	18550	Manhole	X-CNL	CNL	720 OLD HWY. 70					Trees/Woods	Unpaved						No Photo	No Photo	D04						
13	18560	Manhole	D	Yes	720 OLD HWY. 70	Solid		No	Light	Field	Unpaved	Above Grade	2	36	Brick	7.44	18560A0031.jpg	18560I0032.jpg	D04	33.9993	-96.3622			0	
13	18570	Manhole	D	Yes	1001 TIMBERLINE DR.	Vented	2	No	Light	Yard	Unpaved	At Grade		36	Brick	6.5	18570A0001.jpg	18570I0002.jpg	D04	33.9982	-96.361			3	EVIDENCE OF SURCHARGE.
13	18580	Manhole	C	Yes	1002 TIMBERLINE DR.	Vented	2	No	None	Yard	Unpaved	Above Grade	1	24	Brick	2.02	18580A0033.jpg	18580I0034.jpg	D04	33.9983	-96.3603			3	
13	18590	Manhole	C	Yes																					

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
13	23650	Manhole	X-CNL	CNL	525 NE 5TH AVE.					Trees/Woods	Unpaved						No Photo	No Photo	D04						METAL DETECTED
13	23670	Manhole	D	Yes	416 E. MULBERRY ST.	Vented	1	Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	5.6	23670A0009.jpg	23670I0010.jpg	D04	33.9953	-96.3666			8	METER SITE 6. NOT A GOOD METER SITE. EVIDENCE OF SURCHARGE. DEPTHS VERIFIED. MORE DEFECTS.
13	23680	Manhole	D	Yes	416 E. MULBERRY ST.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	21	Std 48 Round	Brick	5.96	23680A0020.jpg	23680I0021.jpg	D04	33.9953	-96.3665			2	FM 007 IS GOOD. MORE DEFECTS.
13	23690	Manhole	D	Yes	506 E. CEDAR ST.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	6	Std 48 Round	Brick	5.82	23690A0010.jpg	23690I0011.jpg	D04	33.9932	-96.3659			2	PIPE SIZES VERIFIED.
13	23700	Manhole	D	Yes	506 E. CEDAR ST.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Brick	6.1	23700A0001.jpg	23700I0002.jpg	D04	33.9919	-96.3663			3	
13	23830	Manhole	C	Yes	121 SE 6TH AVE.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Brick	4.58	23830A0010.jpg	23830I0011.jpg	E04	33.9892	-96.367			2	
13	23831	Manhole	B	CNL	121SE 6TH AVE.					Alley	Unpaved	Below Grade					No Photo	No Photo	E04						
13	23840	Manhole	C	Yes	209 SE 6TH AVE.	Solid		No	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	4.58	23840A0019.jpg	23840I0020.jpg	E04	33.9884	-96.3671			4	
13	25190	Manhole	B	Yes	816 NE 2ND AVE.	Solid		No	None	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	13.1	25190A0009.jpg	25190I0010.jpg	NA	33.9967	-96.3688			0	FM 004
13	25200	Manhole	D	Yes	213 E. PINE ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	60	Concrete	12.76	25200A0001.jpg	25200I0002.jpg	D04	33.9968	-96.3682			0	DN PIPE DIAM VERIFIED 12"
13	26450	Manhole	C	Yes	624 MAGNOLIA ST.	Vented	2	No	Moderate	Parking Lot	Unpaved	Below Grade	3	Std 48 Round	Concrete	5.36	26450A0001.jpg	26450I0002.jpg	D04	33.9975	-96.3634			1	32 INCH LID.
14	10750	Manhole	B	Yes	2311 SHIRLEY ST.	Solid		Yes	None	Field	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	12.1	10750A0024.jpg	10750I0025.jpg	C03	34.0139	-96.3982			2	FM 015 IS GOOD. INCOMING PIPE.
14	10760	Manhole	B	Yes	2217 SHIRLEY ST	Solid		Yes	Light	Field	Unpaved	Above Grade	11	Std 48 Round	Fiberglass	11.76	10760A0050.jpg	10760I0051.jpg	C03	34.0143	-96.3976			0	
14	10770	Manhole	B	Yes	2217 SHIRLEY ST	Solid		Yes	None	Field	Unpaved	Above Grade	9	Std 48 Round	Fiberglass	9.5	10770A0055.jpg	10770I0056.jpg	C03	34.0145	-96.3967			0	
14	10780	Manhole	B	Yes	2217 SHIRLEY ST	Solid		Yes	None	Field	Unpaved	Above Grade	4	Std 48 Round	Fiberglass	7.8	10780A0061.jpg	10780I0062.jpg	C03	34.0148	-96.3957			0	
14	10790	Manhole	C	Yes	NONE US 75	Solid		Yes	Moderate	Field	Unpaved	Above Grade	9	Std 48 Round	Fiberglass	7.76	10790A0067.jpg	10790I0068.jpg	C03	34.0148	-96.3949			0	INFLOW DISH IN MH UPON ARRIVAL
14	10791	Manhole	C	Yes	2600 WESTSIDE DR	Solid		Yes	None	Trees/Woods	Unpaved	Above Grade	5	Std 48 Round	Fiberglass	9.88	10791A0001.jpg	10791I0002.jpg	C03	34.0153	-96.3946			0	CITY SAYS DN MH 10800 ABANDONED
14	10830	Manhole	E	Yes	1919 ACORN TRAIL.	Vented	2	No	Light	Trees/Woods	Unpaved	Above Grade	11	36	Brick	8.14	10830A0030.jpg	10830I0031.jpg	C03	34.0146	-96.3919			5	PIPE 1 MATERIAL AND SIZE BASED ON DS MH.
14	10840	Manhole	D	Yes	1919 ACORN TRAIL.	Vented	2	No	Light	Field	Unpaved	Above Grade	14	Std 48 Round	Sealed Brick	2.68	10840A0039.jpg	10840I0040.jpg	C03	34.0152	-96.3918			2	
14	10850	Manhole	B	Yes	1919 ACORN TRAIL	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	5.98	10850A0014.jpg	10850I0015.jpg	C03	34.0161	-96.3916			0	
14	10851	Manhole	B	Yes	1919 ACORN TRAIL	Solid		No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	9.62	10851A0023.jpg	10851I0024.jpg	C03	34.0152	-96.3924			1	
14	10852	Manhole	D	Yes	1919 ACORN TRAIL.	Solid		No	Moderate	Trees/Woods	Unpaved	Above Grade	5	Std 48 Round	Fiberglass	4.82	10852A0001.jpg	10852I0002.jpg	C03	34.0157	-96.392			1	
14	10860	Manhole	D	Yes	2915 WESTSIDE DR	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	18	Std 48 Round	Concrete	10.64	10860A0011.jpg	10860I0001.jpg	C03	34.0177	-96.3922			0	
14	10861	Manhole	B	Yes	1919 ACORN TRAIL	Solid		No	Light	Drainage Ditch	Unpaved	At Grade		Std 48 Round	Concrete	4.47	10861A0015.jpg	10861I0016.jpg	C03	34.0164	-96.3917			0	
14	10870	Manhole	B	Yes	2600 WESTSIDE DR	Solid		No	None	Road Shoulder	Unpaved	Above Grade	31	Std 48 Round	Concrete	4.6	10870A0021.jpg	10870I0022.jpg	C03	34.0189	-96.3917			0	
14	10880	Manhole	B	Yes	3119 WESTSIDE DR	Solid		No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	7.12	10880A0015.jpg	10880I0016.jpg	C03	34.0222	-96.3914			0	
14	10890	Manhole	B	Yes	3113 WESTSIDE DR	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	10.4	10890A0021.jpg	10890I0022.jpg	C03	34.0227	-96.3906			1	
14	10900	Manhole	D	Yes	3438 N. WASHINGTON AVE.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	11.56	10900A0024.jpg	10900I0025.jpg	B03	34.0234	-96.3905			2	EVIDENCE OF SURCHARGE.
14	10910	Manhole	B	Yes	3302 N. WASHINGTON AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	9.52	10910A0036.jpg	10910I0037.jpg	C03	34.0234	-96.3903			3	EVIDENCE OF SURCHARGE.
14	10911	Manhole	D	Yes	3302 N. WASHINGTON AVE.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	3	Std 48 Round	Concrete	7.1	10911A0044.jpg	10911I0045.jpg	C03	34.0234	-96.3897			0	
14	10920	Manhole	D	Yes	111 WESTSIDE DR	Solid		No	Severe	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Concrete	4.5	10920A0008.jpg	10920I0009.jpg	C03	34.0211	-96.3915			0	IMPROPERLY SIZED LID.
14	10921	Manhole	B	Yes	3105 WESTSIDE DR	Vented	1	No	Light	Parking Lot	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.5	10921A0001.jpg	10921I0002.jpg	C03	34.0203	-96.3915			0	
14	10940	Manhole	E	Yes	1919 ACORN TRAIL.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	21	36	Brick	17.95	10940A0093.jpg	10940I0094.jpg	C03	34.0145	-96.3917			0	POOR DEPTHS DUE TO DEBRIS
14	10950	Manhole	D	Yes	1919 ACORN TRAIL.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.03	10950A0085.jpg	10950I0086.jpg	C03	34.0143	-96.3916			2	
14	10960	Manhole	D	Yes	2020 ACORN TRAIL.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	10.99	10960A0076.jpg	10960I0077.jpg	C03	34.0136	-96.3917			11	SURCHARGED ABOUT 2.5FT,
14	10970	Manhole	D	Yes	2020 ACORN TRAIL.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	27	Std 48 Round	Concrete	4.73	10970A0066.jpg	10970I0067.jpg	C03	34.0133	-96.3919			1	CHIMNEY IS BRICK.
14	10980	Manhole	E	Yes	2020 ACORN TRAIL.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Concrete	14.18	10980A0055.jpg	10980I0056.jpg	C03	34.0132	-96.3916			6	
14	10990	Manhole	X-CNL	CNL	2020 ACORN TRAIL.					Trees/Woods	Unpaved						No Photo	No Photo	C03						METAL DETECTED
14	11010	Manhole	X-CNL	CNL	1832 RED FOX RD.					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED.
14	11020	Manhole	X-CNL	CNL	2020 ACORN TRAIL					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED.
14	11030	Manhole	D	Yes	1831 RED FOX RD.	Vented	2	No	Light	Yard	Unpaved	Above Grade	3	40	Brick	8.12	11030A0030.jpg	11030I0031.jpg	C03	34.0132	-96.3927			3	EVIDENCE OF SURCHARGE.
14	11031	Manhole	D	Yes	1831 RED FOX RD.	Solid		No	Moderate	Yard	Unpaved	Above Grade	2	42	Brick	11.82	11031A0018.jpg	11031I0019.jpg	C03	34.0131	-96.3926			4	CHIMNEY IS CONCRETE.
14	11040	Manhole	D	Yes	1829 RED FOX RD.	Vented	2	No	Moderate	Trees/Woods	Unpaved	Above Grade	7	40	Brick	7.86	11040A0007.jpg	11040I0008.jpg	C03	34.0128	-96.3932			4	
14	11060	Manhole	B	Yes	NONE WASHINGTON AVE	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	22	Std 48 Round	Fiberglass	6.59	11060A0021.jpg	11060I0022.jpg	NA	34.0165	-96.3904			0	
14	11070	Manhole	D	Yes	NONE WASHINGTON AVE	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	12	Std 48 Round	Fiberglass	7.35	11070A0027.jpg	11070I0028.jpg	C03	34.0165	-96.3899			0	
14	11080	Manhole	D	Yes	1118 GAIL FARRELL DR.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Concrete	6.74	11080A0099.jpg	11080I0002.jpg	C03	34.0195	-96.3859			0	
14	11090	Manhole	D	Yes	1109 ADA ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Concrete	5.65	11090A0012.jpg	11090I0013.jpg	C03	34.0204	-96.3859			1	
14	11091	EOLS	X-Access	No Access	1109 ADA ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						
14	11100	Manhole	D	Yes	1103 ADA ST.	Solid		No	Moderate	Road Shoulder	Unpaved	At Grade		Std 48 Round	Sealed Brick	4.62	11100A0001.jpg	11100I0002.jpg	C03	34.0204	-96.3847			4	
14	11110	Manhole	X-CNL	CNL	1010 GAIL FARRELL DR.					Road Shoulder	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED.
14	11120	Manhole	D	Yes	2808 BRIARWOOD AVE.	Vented	2	No	Light	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Concrete	6.94	11120A0039.jpg	11120I0040.jpg	C03	34.0191	-96.3846			2	
14	11130	Manhole	D	Yes	3001GAIL FARRELL DR.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	6	30	Brick	6.37	11130A0059.jpg	11130I0060.jpg	C03	34.0195	-96.3864			1	
14	11140	Manhole	C	Yes	2403 N. WASHINGTON AVE.	Vented	1	No	Light	Yard	Unpaved	Above Grade	14	36	Sealed Brick	5.72	11140A0052.jpg	11140I0053.jpg	C03	34.0183	-96.3861			1	
14	11141	Manhole	D	Yes	1111 GAIL FARREL DR.	Solid		No	Light	Yard	Unpaved	Above Grade	27	Std 48 Round	Concrete	7.58	11141A0001.jpg	11141I0002.jpg	C03	34.0188	-96.3856			1	
14	11150	Manhole	D	Yes	2403 N. WASHINGTON AVE.	Vented	2	No	Moderate	Road Shoulder	Unpaved	At Grade		24	Sealed Brick	5.9	11150A0036.jpg	11150I0037.jpg	C03	34.0183	-96.3873			2	
14	11160	Manhole	X-CNO	CNO	2403 N. WASHINGTON AVE.	Solid		No	Light	Parking Lot	Paved - Asphalt	Below Grade	1				No Photo	No Photo	C03	34.0177	-96.3868				
14	11170	Manhole	B	Yes	2403 N. WASHINGTON AVE.	Solid		Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	10.1	11170A0045.jpg	11170I0046.jpg	C03	34.0178	-96.386			0	
14	11180	Manhole	D	Yes	1102 BROOKSIDE DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Fiberglass	9.6	11180A0024.jpg	11180I0025.jpg	C03	34.018	-96.385			1	
14	11190	Manhole	D	Yes	1102 BROOKSIDE DR.	Solid		Yes	Light	Yard	Unpaved	At Grade		42	Brick	8.5	11190A0001.jpg	11190I0002.jpg	C03	34.0179	-96.3846			5	
14	11200	Manhole																							

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
14	11830	Manhole	X-CNL	CNL	3025 PRESTONWOOD CIR.					Yard	Unpaved						No Photo	No Photo	C04						METAL DETECTED.
14	11840	Manhole	X-CNL	CNL	3301 N. 1ST AVE.					Parking Lot	Unpaved	Below Grade					No Photo	No Photo	C04						METAL DETECTED. FIRST STREET APARTMENTS.
14	11850	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	8	32	Sealed Brick	2.7	11850A0051.jpg	11850I0052.jpg	C04	34.0216	-96.375			1	FIRST STREET APARTMENTS
14	11860	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Sidewalk	Paved - Concrete	At Grade		36	Brick	2	11860A0025.jpg	11860I0026.jpg	C04	34.0216	-96.3738			2	FIRST STREET APARTMENTS
14	11862	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	7	36	Brick	3.6	11862A0034.jpg	11862I0035.jpg	C04	34.0216	-96.3743			3	FIRST STREET APARTMENTS
14	11863	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	6	32	Brick	3.7	11863A0043.jpg	11863I0044.jpg	C04	34.0216	-96.3746			2	FIRST STREET APARTMENTS
14	11880	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Field	Unpaved	Above Grade	2	36	Brick	2.36	11880A0015.jpg	11880I0016.jpg	C04	34.0209	-96.3734			2	FIRST STREET APARTMENTS
14	11890	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Parking Lot	Paved - Concrete	At Grade		36	Brick	3.42	11890A0056.jpg	11890I0057.jpg	C04	34.0216	-96.3733			2	FIRST STREET APARTMENTS
14	11900	Manhole	B	Yes	3301 N. 1ST AVE.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		36	Sealed Brick	3.48	11900A0075.jpg	11900I0076.jpg	C04	34.0216	-96.3731			1	
14	11910	Manhole	B	Yes	3301 N. 1ST AVE.	Vented	2	No	Severe	Yard	Unpaved	Above Grade	6	24	Sealed Brick	3.28	11910A0081.jpg	11910I0082.jpg	C04	34.022	-96.3731			2	
14	11911	EOLS	X-Access	No Access	3301 N. 1ST AVE.					Shoulder	Unpaved						No Photo	No Photo	B04						
14	11930	Manhole	X-CNL	CNL	3020 QUAIL RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	B04						METAL DETECTED. POSSIBLE DNE.
14	11931	Manhole	D	Yes	3020 QUAIL RIDGE CIR.	Solid		No	Light	Field	Unpaved	Above Grade	41	Std 48 Round	Concrete	9.52	11931A0018.jpg	11931I0019.jpg	B04	34.0231	-96.3772			6	32IN LID. OWNER SAYS EOL IS TEMPORARY.
14	11932	Manhole	C	Surcharged	3024 QUAIL RIDGE CIR.	Solid		No	Light	Field	Unpaved	Above Grade	57	Std 48 Round	Concrete	9.85	11932A0028.jpg	11932I0029.jpg	B04	34.0231	-96.3777			8	32IN LID. 2FT 8IN SURCHARGE.
14	11933	EOLS	X-Access	No Access	3415 N. 1ST AVE.					Field	Unpaved	Below Grade					No Photo	No Photo	B04						TEMP. EOLS. NEW CONST
14	11940	Manhole	X-CNL	CNL	3023 PRESTONWOOD CIR.					Yard	Unpaved						No Photo	No Photo	C04						NO RESPONSE FROM HOMEOWNERS. MULTIPLE ATTEMPTS.
14	11950	Manhole	X-CNL	CNL	3032 QUAIL RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C04						NO RESPONSE FROM HOME OWNER. MULTIPLE ATTEMPTS..
14	11960	Manhole	X-CNL	CNL	3038 QUAIL RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C04						NO RESPONSE FROM HOME OWNER. MULTIPLE ATTEMPTS.
14	11970	Manhole	D	Yes	3042 QUAIL RIDGE CIR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	5.26	11970A0051.jpg	11970I0052.jpg	C04	34.0202	-96.3785			2	
14	11980	Manhole	X-CNL	CNL	3042 QUAIL RIDGE CIR.					Yard	Unpaved						No Photo	No Photo	C04						METAL DETECTED.
14	11990	Manhole	D	Yes	3045 QUAIL RIDGE CIR	Solid		Yes	Light	Trees/Woods	Unpaved	Above Grade	4	Std 48 Round	Concrete	8.64	11990A0001.jpg	11990I0002.jpg	C04	34.0195	-96.3796			4	
14	12000	Manhole	D	Yes	3043 QUAILRIDGE RD.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	11	Std 48 Round	Concrete	9.3	12000A0001.jpg	12000I0002.jpg	C04	34.02	-96.3801			1	32" LID.
14	12010	Manhole	D	Yes	3039 QUAIL RIDGE CIR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	17	Std 48 Round	Concrete	8.8	12010A0012.jpg	12010I0013.jpg	C04	34.0207	-96.3801			1	32" LID.
14	12020	Manhole	X	Surcharged	3035 QUAIL RIDGE CIR.	Vented	1	No	Moderate	Trees/Woods	Unpaved	Above Grade	23	Std 48 Round	Concrete	11.8	12020A0022.jpg	12020I0023.jpg	C04	34.0211	-96.3798			15	DEPTHS NOT VERIFIED DUE TO AMOUNT OF DEBRIS. 36" SURCHARGED. MORE DEFECTS VISIBLE.
14	12030	Manhole	D	Surcharged	3031 QUAIL RIDGE CIR.	Vented	1	No	Moderate	Trees/Woods	Unpaved	Above Grade	12	Std 48 Round	Concrete	7.2	12030A0032.jpg	12030I0033.jpg	C04	34.0219	-96.3797			5	32" LID.
14	12040	Manhole	D	Yes	3027 QUAIL RIDGE CIR.	Vented	1	No	Moderate	Trees/Woods	Unpaved	Above Grade	18	Std 48 Round	Concrete	13.2	12040A0040.jpg	12040I0041.jpg	B04	34.0222	-96.3792			1	32' LID.
14	12050	Manhole	D	Yes	3025 QUAIL RIDGE RD.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	15	Std 48 Round	Concrete	12.74	12050A0050.jpg	12050I0051.jpg	B04	34.0226	-96.379			1	32" LID.
14	12060	Manhole	C	Yes	3024 QUAIL RIDGE CIR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	13	Std 48 Round	Concrete	17.44	12060A0022.jpg	12060I0023.jpg	B04	34.0231	-96.3784			2	32" LID. SOUTHEAST OF PARKRIDGE APARTMENTS.
14	12070	Manhole	D	Yes	815 GERLACH DR.	None		No	Severe	Trees/Woods	Unpaved	Above Grade	17	Std 48 Round	Concrete	15	12070A0012.jpg	12070I0013.jpg	B04	34.0234	-96.3785			1	SOUTHEAST OF PARKRIDGE APARTMENTS.
14	12080	Manhole	D	Yes	815 GERLACH DR.	Vented	1	No	Moderate	Trees/Woods	Unpaved	Above Grade	21	Std 48 Round	Concrete	13.1	12080A0001.jpg	12080I0002.jpg	B04	34.024	-96.3787			2	32" LID. SOUTHEAST OF PARKRIDGE APARTMENTS.
14	12090	Manhole	C	Yes	301 GERLACH DR.	Solid		No	Light	Field	Unpaved	Above Grade	21	Std 48 Round	Concrete	10.9	12090A0045.jpg	12090I0045.jpg	B04	34.0251	-96.3786			1	32" LID.
14	12100	Manhole	D	Yes	301 GERLACH DR.	Vented	1	No	Severe	Field	Unpaved	Above Grade	13	Std 48 Round	Concrete	10.44	12100A0034.jpg	12100I0035.jpg	B04	34.0258	-96.3785			1	32" LID. DS IS ESTIMATE.
14	12110	Manhole	D	Yes	950 GERLACH DR.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	10.95	12110A0001.jpg	12110I0002.jpg	B04	34.0265	-96.3784			2	
14	12111	Manhole	D	Yes	950 GERLACH DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	10.3	12111A0012.jpg	12111I0002.jpg	B04	34.0267	-96.3784			0	BY POWER STATION BEFORE HIGH SCHOOL.
14	12112	Manhole	B	Yes	950 GERLACH DR.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	2	Std 48 Round	Concrete	5.6	12112A0014.jpg	12112I0015.jpg	B04	34.0267	-96.3789			1	32" LID. HIGH SCHOOL ENTRANCE.
14	12113	Manhole	B	Yes	950 GERLACH DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	6	36	Other	4.5	12113A0020.jpg	12113I0021.jpg	B04	34.0271	-96.3784		CLAY	2	NO PIPE FROM WEST MH IS 36" CLAY PIPE
14	12115	EOLS	X-Access	No Access	400 GERLACH DR.					Field	Unpaved	Below Grade					No Photo	No Photo	B04						NO ASSET FOUND ALL THE WAY TOWARDS ELEMENTARY SCHOOL.
14	12116	Manhole	D	Yes	950 GERLACH DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	9.16	12116A0021.jpg	12116I0022.jpg	B04	34.0278	-96.3789			1	32" LID. HIGH SCHOOL.
14	12117	Manhole	B	Yes	950 GERLACH DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	6	12117A0039.jpg	12117I0040.jpg	B04	34.0279	-96.3801			0	32" LID. HIGH SCHOOL.
14	12118	Manhole	B	Yes	950 GERLACH DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.82	12118A0033.jpg	12118I0034.jpg	B04	34.0287	-96.3789			0	32" LID. HIGH SCHOOL.
14	12119	Manhole	C	Yes	950 GERLACH DR.	Solid		No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	6.56	12119A0063.jpg	12119I0064.jpg	B04	34.0293	-96.3793			0	HIGH SCHOOL GROUNDS.
14	12120	Manhole	D	Yes	907 BROOKSIDE DR.	Solid		No	Moderate	Trees/Woods	Unpaved	Above Grade	15	Std 48 Round	Fiberglass	7.66	12120A0020.jpg	12120I0021.jpg	C04	34.0178	-96.3817			1	NO CUTOUT IN INVERT. DEPTHS TO CROWN OF PIPES.
14	12122	Manhole	B	Yes	950 GERLACH DR.	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Concrete	7.8	12122A0055.jpg	12122I0056.jpg	B04	34.0291	-96.3812			0	32" LID. HIGH SCHOOL.
14	12123	EOLS	X-Access	No Access	950 GERLACH DR.					Field	Unpaved	Below Grade					No Photo	No Photo	B04						
14	12124	EOLS	X-Access	No Access	950 GERLACH DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	B04						
14	12130	Manhole	D	Yes	515 GAIL FARRELL DR.	Vented	2	No	Moderate	Trees/Woods	Unpaved	Above Grade	2	Std 48 Round	Concrete	7.62	12130A0056.jpg	12130I0057.jpg	C04	34.017	-96.3798			4	EVIDENCE OF SURCHARGE IN MANHOLE.
14	12230	Manhole	D	Yes	515 GAIL FARRELL DR.	Vented	1	No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	11.17	12230A0010.jpg	12230I0011.jpg	C04	34.0188	-96.3786			2	32 INCH LID
14	12240	Manhole	D	Yes	515 GAIL FARRELL DR.	Vented	1	No	Light	Field	Unpaved	At Grade		Std 48 Round	Concrete	14.64	12240A0019.jpg	12240I0020.jpg	C04	34.0183	-96.378			1	
14	12250	Manhole	D	Yes	515 GAIL FARRELL DR.	Vented	1	No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	14.3	12250A0028.jpg	12250I0029.jpg	C04	34.0174	-96.3784			2	32 INCH LID
14	12260	Manhole	D	Yes	515 GAIL FARRELL DR.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	26	Std 48 Round	Concrete	4.42	12260A0048.jpg	12260I0049.jpg	C04	34.0169	-96.3786			1	1 BOLT. EVIDENCE OF SSO. PIPE SIZE VERIFIED.
14	12270	Manhole	D	Yes	414 NORTHRIDGE DR.	Bolted		No	Moderate	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Concrete	5	12270A0039.jpg	12270I0040.jpg	C04	34.0159	-96.378			2	0 BOLTS. EVIDENCE OF SSO.
14	12280	Manhole	D	Surcharged	414 NORTHRIDGE DR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	33	Std 48 Round	Concrete	12.59	12280A0032.jpg	12280I0033.jpg	C04	34.0153	-96.3775			33	ROOTS FRM WALL JNT ENTER OUTPIPE CAUSING SURCHARGE.
14	12290	Manhole	D	Surcharged	414 NORTHRIDGE DR.	Vented	1	Yes	None	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	11.09	12290A0021.jpg	12290I0022.jpg	C04	34.0148	-96.3773			0	18" OF SURCHARGE.
14	12300	Manhole	D	Yes	309 NORTHRIDGE DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	12	Std 48 Round	Fiberglass	6.72	12300A0001.jpg	12300I0002.jpg	C04	34.0139	-96.3761			2	PIPE SIZES VERIFIED
14	12310	Manhole	B	Yes	309 NORTHRIDGE DR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	24	Std 48 Round	Concrete	8.06	12310A0009.jpg	12310I0010.jpg	C04	34.0139	-96.3754			3	32 INCH LID
14	12320	Manhole	D	Yes	2307 N. 1ST AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	7	Std 48 Round	Concrete	4.16	12320A0022.jpg	12320I0023.jpg	C04	34.0128	-96.3748			2	32 INCH LID
14	12330	Manhole	D	Yes	2307 N. 1ST AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	2	Std 48 Round	Concrete	2.86	12330A0032.jpg	12330I0033.jpg	C04	34.0122	-96.3749			2	32 INCH LID.
14	12340	Manhole	D	Yes	2307 N. 1ST AVE.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	12	Std 48 Round	Concrete	9.85	12340A0039.jpg	12340I0040.jpg	C04	34.0119	-96.3749			1	32 INCH LID
14	12350	Manhole	B	Yes	2307 N. 1ST AVE.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	27	Std 48 Round	Concrete	2.92	12350A0015.jpg	12350I0016.jpg	C04						

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
14	25521	EOLS	X-Access	No Access	2409 N. FIRST AVE.					Yard	Unpaved	Below Grade					No Photo	No Photo	C04						
14	25530	Manhole	B	Yes	2929 N. 1ST AVE.	Solid		No	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Fiberglass	8.54	25530A0069.jpg	25530I0070.jpg	C04	34.019	-96.373			0	
14	25531	EOLS	X-Access	No Access	2929 N. 1ST AVE.					Shoulder	Unpaved						No Photo	No Photo	C04						
14	25540	Manhole	X	Surcharged	205 NORTHDRIDGE DR.	Solid		No	Moderate	Yard	Unpaved	Below Grade	1	Std 48 Round	Fiberglass	0	25540A0099.jpg	25540I0048.jpg	C04	34.0143	-96.3747			8	
14	25541	Manhole	C	Yes	315 NORTHDRIDGE DR.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	22.2	25541A0037.jpg	25541I0038.jpg	C04	34.0143	-96.3761			1	
14	25550	Manhole	B	Yes	101 NORTHDRIDGE DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	11.5	25550A0049.jpg	25550I0050.jpg	C04	34.0145	-96.373			3	
14	25560	Manhole	X-CNL	CNL	3024 PRESTON CIR.					Yard	Unpaved						No Photo	No Photo	C04						METAL DETECTED
14	25570	Manhole	D	Yes	3016 PRESTONWOOD CIR.	Solid		No	Moderate	Yard	Unpaved	Below Grade	4	Std 48 Round	Concrete	4.64	25570A0001.jpg	25570I0002.jpg	C04	34.0216	-96.3762			1	
14	25580	Manhole	D	Yes	3029 PRESTON WOOD CIR.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	4.55	25580A0001.jpg	25580I0002.jpg	C04	34.0202	-96.3762			2	
14	25590	Manhole	D	Yes	3004 PRESTONWOOD CIR.	Solid		No	Light	Yard	Unpaved	Below Grade	2	Std 48 Round	Concrete	5.6	25590A0053.jpg	25590I0054.jpg	C04	34.0202	-96.3751			1	
14	25600	Manhole	A	Yes	2715 N. 1ST AVE.	Solid		No	Light	Road Shoulder	Unpaved	Below Grade	2	Std 48 Round	Fiberglass	8.54	25600A0064.jpg	25600I0065.jpg	C04	34.0167	-96.373			0	
14	25610	Manhole	B	Yes	2715 N. 1ST AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	9.36	25610A0036.jpg	25610I0037.jpg	C04	34.0162	-96.373			1	
14	25620	Manhole	B	Yes	2626 N. FIRST AVE	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	9.3	25620A0062.jpg	25620I0063.jpg	C04	34.0156	-96.373			1	
14	25630	Manhole	B	Yes	1001 BROOKSIDE DR.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	15.48	25630A0073.jpg	25630I0074.jpg	C04	34.0181	-96.3839			0	
14	25950	Manhole	B	Yes	1727 CHUCKWA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	6.5	25950A0001.jpg	25950I0002.jpg	C03	34.0084	-96.3948			1	
14	26470	Manhole	B	Yes	950 GERLACH DR.	Bolted		No	Light	Trees/Woods	Unpaved	Above Grade	37	Std 48 Round	Concrete	13.55	26470A0025.jpg	26470I0026.jpg	B04	34.0245	-96.3791			1	32" LID. 0 BOLTS
14	26490	Manhole	B	Yes	815 GERLACH DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	10.2	26490A0028.jpg	26490I0029.jpg	B04	34.0256	-96.3807			1	
14	26491	Manhole	X-CNO	CNO	515 GERLACH DR.	Solid				Parking Lot	Unpaved	Below Grade	1				26491A0022.jpg	No Photo	C03	34.0256	-96.3816				SPRAYED AND SLEDGE HAMMERED.
14	26492	Manhole	B	Yes	515GERLACH DR	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.2	26492A0001.jpg	26492I0002.jpg	B04	34.0248	-96.3818			2	
14	26493	Manhole	B	Yes	515GERLACH DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	6.44	26493A0008.jpg	26493I0009.jpg	B04	34.0248	-96.3812			1	
14	26494	Manhole	D	Yes	515GERLACH DR.	Solid		No	Light	Parking Lot	Paved - Concrete	Above Grade	1	Std 48 Round	Concrete	7.14	26494A0015.jpg	26494I0016.jpg	B04	34.0246	-96.3807			3	
14	26495	Manhole	B	Yes	515GERLACH DR.	Solid		No	Light	Road Shoulder	Paved - Concrete	Above Grade	5	Std 48 Round	Concrete	8.26	26495A0024.jpg	26495I0025.jpg	B04	34.026	-96.3816			1	
14	26500	Manhole	B	Yes	3720 DAKOTA DR.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	3	Std 48 Round	Concrete	10	26500A0013.jpg	26500I0014.jpg	B04	34.0256	-96.3799			1	
14	26510	Manhole	C	Yes	3710 DAKOTA DR.	Solid		No	Light	Street	Paved - Concrete	At Grade		Std 48 Round	Fiberglass	7.88	26510A0020.jpg	26510I0021.jpg	B04	34.0249	-96.3799			1	CHIMNEY IS BRICK.
14	26520	Manhole	B	Yes	3820 DAKOTA ST.	Solid		No	Light	Driveway	Unpaved	At Grade		Std 48 Round	Concrete	5.65	26520A0001.jpg	26520I0002.jpg	B04	34.0264	-96.3799			0	
14	26530	Manhole	X-CNL	CNL	3810 DAKOTA DR.					Street	Paved	Below Grade					No Photo	No Photo	B04						
14	26540	Manhole	B	Yes	3810 DAKOTA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	9.55	26540A0006.jpg	26540I0007.jpg	B04	34.0261	-96.3799			1	PIPE 2 METAL DETECTED FOR ASSET. PIPE RUNS UNDER BUILDING.
14	26550	Manhole	D	Yes	905 BRIARWOOD DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	7.65	26550A0047.jpg	26550I0048.jpg	C03	34.0188	-96.3825			3	
14	26551	EOLS	X-Access	No Access	905 BRIARWOOD AVE.					Driveway	Paved	Below Grade					No Photo	No Photo	C03						
14	26680	Manhole	B	Yes	3104 CARL ALBERT DR.	Solid		No	Light	Sidewalk	Paved - Concrete	Above Grade	5	Std 48 Round	Fiberglass	8.5	26680A0070.jpg	26680I0071.jpg	C03	34.0199	-96.3866			0	CHIMNEY IS CONCRETE
14	26690	Manhole	D	Yes	3104 CARL ALBERT DR.	Solid		No	Light	Yard	Unpaved	Above Grade	10	Std 48 Round	Fiberglass	5.62	26690A0001.jpg	26690I0002.jpg	C03	34.0209	-96.3866			1	POLICE DEPARTMENT.
14	26691	EOLS	X-Access	No Access	3104 CARL ALBERT DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						HIGHWAY PATROL DEPARTMENT.
15	10280	Manhole	D	Yes	3110 LITTLE JOHN DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	6.7	10280A0067.jpg	10280I0068.jpg	C03	34.0212	-96.4056			3	
15	10281	Manhole	X-CNO	CNO	3110 LITTLE JOHN DR.	Solid			None	Yard	Unpaved	Above Grade	17				10281A0076.jpg	No Photo	C03	34.0216	-96.4057				SPRAYED AND HAMMERED.
15	10282	Manhole	B	Yes	3110 LITTE JOHN DR.	Solid		No	Light	Yard	Unpaved	Above Grade	10	Std 48 Round	Concrete	7.06	10282A0077.jpg	10282I0078.jpg	C03	34.0219	-96.4057			1	
15	10283	Manhole	B	Yes	3110 LITTE JOHN DR.	Solid		No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Concrete	6	10283A0083.jpg	10283I0084.jpg	C03	34.0219	-96.4059			0	
15	10284	Manhole	A	Yes	3304 MEAGAN AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	12	Std 48 Round	Concrete	5.86	10284A0093.jpg	10284I0094.jpg	C03	34.0222	-96.4064			0	
15	10285	EOLS	X-Access	No Access	3226 LITTLE JOHN DR.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED
15	10290	Manhole	B	Yes	3104 BLADES CIR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	6.46	10290A0035.jpg	10290I0036.jpg	C03	34.0212	-96.4048			1	
15	10300	Manhole	C	Yes	3108 BUTLAN CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	13	Std 48 Round	Concrete	15.12	10300A0069.jpg	10300I0070.jpg	C03	34.0211	-96.4036			1	
15	10310	Manhole	D	Yes	3106 BUTLAN CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Concrete	14.62	10310A0040.jpg	10310I0041.jpg	C03	34.0206	-96.4036			1	
15	10320	Manhole	B	Yes	3105 BUTLAN CIR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	36	Concrete	4.3	10320A0024.jpg	10320I0025.jpg	C03	34.0206	-96.4045			1	
15	10321	Manhole	B	Yes	3107 BUTLAN CIR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	12	Std 48 Round	Concrete	5.6	10321A0030.jpg	10321I0031.jpg	C03	34.0211	-96.4045			1	
15	10330	Manhole	X-CNL	CNL	3102 BLADES CIR.					Road Shoulder	Unpaved						No Photo	No Photo	C03						METAL DETECTED
15	10340	Manhole	C	Yes	3105 BLADES CIR.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	8	10340A0056.jpg	10340I0057.jpg	C03	34.0206	-96.4056			3	
15	10350	Manhole	X-CNL	CNL	3046 KANDE LN.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED
15	10360	Manhole	C	Yes	3033 KANDE LN.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	17	Std 48 Round	Concrete	6.6	10360A0048.jpg	10360I0049.jpg	C03	34.0176	-96.4056			1	
15	10370	Manhole	C	Yes	3029 KANDE LN.	Solid		No	Light	Yard	Unpaved	Above Grade	13	Std 48 Round	Concrete	8	10370A0001.jpg	10370I0002.jpg	C03	34.0176	-96.4046			1	
15	10380	Manhole	D	Yes	2525 MONTERREY ST.	Solid		No	Light	Field	Unpaved	Above Grade	10	Std 48 Round	Concrete	13.26	10380A0034.jpg	10380I0035.jpg	C03	34.0176	-96.4034			1	
15	10381	Manhole	X-CNL	CNL	2525 MONTERREY ST.					Trees/Woods	Unpaved						No Photo	No Photo	C03						METAL DETECTED
15	10390	Manhole	B	Surcharged	3010 KANDE LN.	Solid		No	Moderate	Yard	Unpaved	At Grade		Std 48 Round	Concrete	13.56	10390A0052.jpg	10390I0053.jpg	C03	34.0195	-96.4036			3	NO DIAM PIC.
15	10400	Manhole	X-CNL	CNL	3102 BUTLAN CIR.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED.
15	10410	Manhole	X-CNL	CNL	2811 MISTY CIR.					Yard	Unpaved						No Photo	No Photo	C03						DS IS ESTIMATE. METAL DETECTED.
15	10420	Manhole	C	Yes	2802 LORRIE LN.	Solid		No	Moderate	Yard	Unpaved	Below Grade	1	Std 48 Round	Concrete	13.72	10420A0001.jpg	10420I0002.jpg	C03	34.0203	-96.4029			1	CHIMNEY IS BRICK.
15	10430	Manhole	B	Yes	2602 LORRI LN.	Solid		No	Moderate	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.2	10430A0063.jpg	10430I0064.jpg	C03	34.0203	-96.401			1	
15	10440	Manhole	B	Yes	2602 LORRI LN.	Solid		No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Concrete	3.74	10440A0057.jpg	10440I0058.jpg	C03	34.0205	-96.4008			1	
15	10450	Manhole	B	Yes	2700 LITTLE JOHN DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	19	Std 48 Round	Concrete	6.52	10450A0079.jpg	10450I0080.jpg	C03	34.0211	-96.4014			1	
15	10451	Manhole	D	Yes	2700 LITTLE JOHN DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	13	Std 48 Round	Concrete	6.44	10451A0001.jpg	10451I0002.jpg	C03	34.0213	-96.4014			1	PIPE 4 IS A 2 INCH PIPE IN A 4 INCH PIPE.
15	10452	Manhole	B	Yes	2712 FORREST CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	12.65	10452A0001.jpg	10452I0002.jpg	C03	34.0211	-96.402			0	DEPTHS ARE AS ACCURATE AS WE CAN TELL. 4FT OF SURCHARGE.
15	10460	Manhole	D	Yes	2703 ROBINHOOD PL.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	6	10460A0010.jpg	10460I0011.jpg	C03	34.0217	-96.4014			1	
15	10461	Manhole	E	Yes	2702 ROBINHOOD PL.	Vented	9	No	Severe	Yard	Unpaved	Above Grade	9	Std 48 Round	Concrete	6.56	10461A0052.jpg	10461I0053.jpg	C03	34.0226	-96.4014			3	32" LID. MOST DEFECTS UNABLE TO SEE WITH CAMERA BUT ARE VISIBLE IN PERSON.

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
15	10610	Manhole	D	Yes	2605 MAXEY DR	Solid		Yes	None	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	6.22	10610A0011.jpg	10610I0012.jpg	C03	34.0135	-96.4028			3	OUTPIPE ELBOWS TO SE. DIAMS. VERIFIED.
15	10620	Manhole	D	Yes	923 ESTELLE ST	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	1	Std 48 Round	Concrete	6.4	10620A0001.jpg	10620I0002.jpg	C03	34.0121	-96.4068			0	28 INCH LID. CLAY INVERT.
15	10621	Manhole	B	Yes	1923 ESTELLE ST	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	11	Std 48 Round	Fiberglass	7.62	10621A0009.jpg	10621I0010.jpg	C03	34.0123	-96.4067			0	EVIDENCE OF SURCHARGE.
15	10622	Manhole	B	Yes	1923 ESTELLE ST	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	5.62	10622A0016.jpg	10622I0017.jpg	C03	34.0128	-96.4065			6	
15	10623	Manhole	B	Yes	2605 MAXEY DR	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	5.74	10623A0036.jpg	10623I0037.jpg	NA	34.0129	-96.4041			1	
15	10630	Manhole	D	Yes	2100 RADIO RD	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	3	Std 48 Round	Concrete	9.32	10630A0021.jpg	10630I0022.jpg	C03	34.0121	-96.4077			2	28 INCH LID. HEAVY DEBRIS AT OUTPIPE.
15	10640	Manhole	B	Yes	2310 SHIRLEY ST	Solid		Yes	Light	Trees/Woods	Unpaved	Above Grade	2	Std 48 Round	Fiberglass	11.05	10640A0093.jpg	10640I0094.jpg	C03	34.0135	-96.3989			1	
15	10650	Manhole	C	Yes	NO # MAXEY DR	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Brick	9.45	10650A0001.jpg	10650I0002.jpg	C03	34.0129	-96.4002			4	
15	10660	Manhole	B	Yes	2315 WILSON ST	Solid		Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	11.7	10660A0010.jpg	10660I0011.jpg	C03	34.0122	-96.4001			4	BRICK CHIMNEY.
15	10661	Manhole	D	Yes	2315 WILSON ST	Vented	1	Yes	None	Yard	Unpaved	Above Grade	4	Std 48 Round	Brick	10.4	10661A0027.jpg	10661I0028.jpg	C03	34.0121	-96.4001			1	EVIDENCE OF SURCHARGE.
15	10670	Manhole	D	Yes	2417 WILSON ST	Solid		Yes	None	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.6	10670A0027.jpg	10670I0028.jpg	C03	34.0121	-96.4006			3	NO PIPE FROM SOUTH
15	10680	Manhole	B	Yes	1971 MARIE DR	Solid		No	Light	Street	Paved - Concrete	At Grade		Std 48 Round	Concrete	7.8	10680A0037.jpg	10680I0038.jpg	C03	34.0122	-96.4021			1	NO FLOW. POSSIBLE SUMMIT MH.
15	10690	Manhole	B	Yes	1923 ESTELLE ST	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.3	10690A0001.jpg	10690I0002.jpg	C03	34.0121	-96.4056			2	BRICK CHIMNEY
15	10700	Manhole	B	Yes	2721 WILSON ST	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.47	10700A0043.jpg	10700I0042.jpg	C03	34.0122	-96.4045			3	BRICK CHIMNEY. SOME HAVE FALLEN INTO MH.
15	10710	Manhole	D	Yes	2315 WILSON ST	Solid		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Brick	10.24	10710A0018.jpg	10710I0019.jpg	C03	34.0114	-96.3998			1	EVIDENCE OF SURCHARGE.
15	10711	EOLS	X-Access	No Access	2315 WILSON ST					Yard	Unpaved	Below Grade				No Photo	No Photo	C03							
15	10720	Manhole	D	Yes	2232 GERSHWIN DR	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Brick	16.54	10720A0023.jpg	10720I0024.jpg	C03	34.0116	-96.3984			1	
15	10740	Manhole	D	Yes	2220 GERSHWIN DR	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Sealed Brick	4.8	10740A0013.jpg	10740I0014.jpg	C03	34.0109	-96.3984			1	
15	10741	EOLS	X-Access	No Access	2220 GERSHWIN DR					Driveway	Paved	Below Grade				No Photo	No Photo	C03							
15	12500	Manhole	D	Yes	4901 WILSON ST.	Solid		No	Light	Drainage Ditch	Unpaved	Above Grade	15	Std 48 Round	Concrete	7.1	12500A0078.jpg	12500I0079.jpg	C02	34.0117	-96.4254			1	
15	12510	Manhole	C	Yes	1515 N. 49TH AVE.	Solid		No	Severe	Drainage Ditch	Unpaved	Above Grade	10	Std 48 Round	Concrete	6.8	12510A0122.jpg	12510I0123.jpg	C02	34.0108	-96.4254			0	NO LINE FROM EAST
15	12520	Manhole	C	Yes	1501 N. 49TH AVE	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	8.4	12520A0101.jpg	12520I0102.jpg	C02	34.0104	-96.4254			0	
15	12530	Manhole	D	Yes	1501 N. 49TH AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Concrete	6.84	12530A0111.jpg	12530I0112.jpg	C02	34.0103	-96.4269			1	
15	12540	Manhole	B	Yes	4925 WILSON ST.	Solid		No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	7.9	12540A0094.jpg	12540I0095.jpg	C02	34.0116	-96.4269			1	
15	12550	Manhole	C	Yes	4925 WILSON ST.	Solid		No	Moderate	Field	Unpaved	Above Grade	1	Std 48 Round	Concrete	7.14	12550A0088.jpg	12550I0089.jpg	C02	34.0117	-96.4266			1	NO PIPE FROM THE NORTH HERE
15	12560	Manhole	C	Yes	1507 IKE ST.	Solid		No	Light	Yard	Unpaved	Above Grade	9	Std 48 Round	Concrete	8.8	12560A0051.jpg	12560I0052.jpg	C02	34.0104	-96.4283			1	
15	12570	Manhole	D	Yes	1601 IKE ST.	Solid		No	Light	Parking Lot	Unpaved	Above Grade	12	Std 48 Round	Concrete	7.7	12570A0069.jpg	12570I0070.jpg	C02	34.0115	-96.4283			3	
15	12580	Manhole	C	Yes	1521 IKE ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	6.2	12580A0061.jpg	12580I0062.jpg	C02	34.0111	-96.4283			0	
15	12590	Manhole	C	Yes	1525 WEST ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.2	12590A0034.jpg	12590I0035.jpg	C02	34.011	-96.4295			1	
15	12600	Manhole	C	Yes	1501 WEST ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	10	Std 48 Round	Concrete	7.1	12600A0024.jpg	12600I0025.jpg	C02	34.0104	-96.4295			1	
15	12610	Manhole	C	Yes	1613 WEST ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	7.3	12610A0042.jpg	12610I0043.jpg	C02	34.0117	-96.4295			0	
15	12620	Manhole	C	Yes	1502 JERRY ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	5.6	12620A0001.jpg	12620I0002.jpg	C02	34.0104	-96.4314			2	
15	12630	Manhole	C	Yes	1522 JERRY ST.	Solid		No	Light	Drainage Ditch	Unpaved	Above Grade	14	Std 48 Round	Concrete	6.5	12630A0010.jpg	12630I0011.jpg	C02	34.0111	-96.4314			1	
15	12640	Manhole	C	Yes	5405 JERRY ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	6.16	12640A0017.jpg	12640I0018.jpg	C02	34.0117	-96.4314			1	
15	12650	Manhole	X-CNL	CNL	1428 JERRY ST.					Trees/Woods	Unpaved					No Photo	No Photo	C02							
15	12660	Manhole	X-CNL	CNL	1928 JERRY ST.					Trees/Woods	Unpaved					No Photo	No Photo	C02							
15	12670	Manhole	B	Yes	221 CORNELL DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	10	Std 48 Round	Concrete	7.26	12670A0055.jpg	12670I0056.jpg	C02	34.0104	-96.4334			1	32 INCH LID.
15	12680	Manhole	B	Yes	216 CORNELL DR.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.74	12680A0077.jpg	12680I0078.jpg	C02	34.0098	-96.4333			0	
15	12681	Manhole	X-CNL	CNL	219 CORNELL DR.					Street	Paved - Asphalt					No Photo	No Photo	C02							
15	12683	Manhole	D	Yes	1528 REMINGTON E. CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	11	Std 48 Round	Concrete	8.36	12683A0035.jpg	12683I0036.jpg	C02	34.0116	-96.4341			1	DS IS ESTIMATE.
15	12684	Cleanout	C	Yes	5716 REMINGTON S. CIR.	Solid		No	None	Yard	Unpaved	Above Grade	2	Cleanout	Other	6.32	12684A0031.jpg	12684I0032.jpg	C02	34.0116	-96.4348		PVC	0	MAINLINE CLEANOUT.
15	12685	Cleanout	C	Yes	1521 REMINGTON E. CIR.	Solid		No	None	Yard	Unpaved	Above Grade	32	8"	Other	6.33	12685A0046.jpg	12685I0047.jpg	C02	34.0108	-96.4352		PVC	0	MAINLINE CLEANOUT.
15	12687	Manhole	X-CNO	CNO	5806 REMINGTON EAST CIR.	Solid				Yard	Unpaved	Below Grade	6	Std 48 Round	Concrete		12687A0011.jpg	No Photo	C02	34.0089	-96.4352				SPRAYED AND SLEDGE.
15	12688	Manhole	D	Yes	1304 REMINGTON E. CIR.	Solid		No	Severe	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	5.48	12688A0001.jpg	12688I0002.jpg	C02	34.0089	-96.4341			1	
15	12689	Manhole	B	Yes	5818 REMINGTON EAST CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Concrete	6.5	12689A0012.jpg	12689I0013.jpg	C02	34.0089	-96.4362			1	
15	12690	Manhole	B	Yes	1428 JERRY ST.	Solid		No	Light	Field	Unpaved	Above Grade	1	Std 48 Round	Concrete	7.5	12690A0091.jpg	12690I0092.jpg	C02	34.0095	-96.4325			0	
15	12691	Manhole	B	Yes	5918 REMINGTON S. CIR.	Solid		No	Light	Yard	Unpaved	Below Grade	2	Std 48 Round	Concrete	5.89	12691A0022.jpg	12691I0023.jpg	C02	34.0089	-96.4373			2	
15	12692	Manhole	C	Yes	1305 REMINGTON S. CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Concrete	5.84	12692A0065.jpg	12692I0066.jpg	C02	34.0089	-96.4384			1	
15	12693	Manhole	B	Yes	1419 REMINGTON S. CIR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.94	12693A0058.jpg	12693I0059.jpg	C02	34.01	-96.4384			0	
15	12694	Cleanout	C	Yes	1529 REMINGTON S. CIR	Solid		No	None	Yard	Unpaved	Above Grade	8	8	Other	6.55	12694A0054.jpg	12694I0055.jpg	C02	34.0111	-96.4384		PVC	0	MAINLINE CLEANOUT.
15	12695	Cleanout	C	Yes	1526 REMINGTON S. CIR.	Solid		No	None	Yard	Unpaved	Above Grade	2	8	Other	3.64	12695A0050.jpg	12695I0051.jpg	C02	34.0108	-96.4373		PVC	0	MAINLINE CLEANOUT.
15	12700	Manhole	B	Yes	5508 KIMBERLY RD.	Solid		Yes	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	5.9	12700A0084.jpg	12700I0085.jpg	C02	34.0085	-96.4325			1	
15	12701	Manhole	D	Yes	1210 BERRETA BLVD.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	5.82	12701A0073.jpg	12701I0074.jpg	C02	34.0083	-96.4341			1	DS IS ESTIMATE.
15	12703	EOLS	X-Access	No Access	REMINGTON EAST CIR.					Yard	Unpaved					No Photo	No Photo								
15	12710	Manhole	B	Yes	5515 KIMBERLY RD.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	3.9	12710A0040.jpg	12710I0041.jpg	D02	34.0077	-96.4325			1	
15	12720	Manhole	B	Yes	201 CORNELL DR.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.44	12720A0060.jpg	12720I0061.jpg	D02	34.0077	-96.4333			0	
15	12721	Manhole	B	Yes	201 CORNELL DR.	Bolted		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	5.37	12721A0067.jpg	12721I0068.jpg	D02	34.0077	-96.4333			1	NO BOLTS
15	12722	Manhole	D	Yes	115 CORNELL DR.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	3	Std 48 Round	Concrete	3.6	12722A0009.jpg	12722I0010.jpg	D02	34.0069	-96.4333			1	
15	12723	Manhole	X-CNL	CNL	201 CORNELL DR.					Trees/Woods	Unpaved					No Photo	No Photo	D02							METAL DETECTED
15	12730	Manhole	B	Yes	209 CORNELL DR.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	4.76	12730A0072.jpg								

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
15	12990	Manhole	B	Yes	809 PARKVIEW DR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.64	12990I0027.jpg	12990I0027.jpg	D02	34.0029	-96.4157			2	PIPE 2 TURN TO 12:00. EVIDENCE OF SURCHARGE.	
15	12991	Manhole	C	Yes	809 PARKVIEW DR.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	7.25	12991A0001.jpg	12991I0002.jpg	D02	34.0043	-96.4157			0		
15	13000	Manhole	D	Yes	813 LYNNWOOD ST.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Concrete	6.96	13000A0015.jpg	13000I0016.jpg	D02	34.0026	-96.4154			1	DS IS ESTIMATE.	
15	13010	Manhole	B	Yes	3800 UNIVERSITY BLVD.	Vented	1	No	Light	Yard	Unpaved	Above Grade	6	36	Sealed Brick	6.86	13010A0060.jpg	13010I0061.jpg	D02	34.0047	-96.4164			1		
15	13020	Manhole	X-CNL	CNL	1105 LYNNWOOD ST.					Road Shoulder	Unpaved					No Photo	No Photo	D02							METAL DETECTED BOTH ROAD & SHOULDERS. POSSIBLE EOL. DS IS ESTIMATE.	
15	13030	Manhole	B	Yes	1104 PARKVIEW DR.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Concrete	7.25	13030A0054.jpg	13030I0055.jpg	D02	34.0041	-96.4149			1		
15	13031	Cleanout	C	Yes	1023 LYNNWOOD ST.	Solid		No	Light	Yard	Unpaved	Above Grade	10	6	Other	7.82	13031A0011.jpg	13031I0012.jpg	D02	34.0045	-96.4149		PVC	0	MAINLINE CLEANOUT.	
15	13040	Manhole	X-CNL	CNL	3609 HARMONY DR.					Yard	Unpaved					No Photo	No Photo	D02							METAL DETECTED MULTIPLE YARDS. POSSIBLE EOL. DS IS ESTIMATE.	
15	13050	Manhole	X-CNO	CNO	1002 HARMONY DR.	Solid				Trees/Woods	Unpaved	Above Grade	4				13050A0023.jpg	No Photo	D02	34.0041	-96.4122					
15	13060	Manhole	X-CNL	CNL	1010 HARMONY DR.					Yard	Unpaved						No Photo	No Photo	D02							METAL DETECTED
15	13070	Manhole	X-CNL	CNL	3610 PEARL ST.					Yard	Unpaved						No Photo	No Photo	D02							METAL DETECTED MULTIPLE YARDS. DS IS ESTIMATE. POSSIBLE EOL.
15	13080	Manhole	B	Yes	927 HARMONY DR.	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Sealed Brick	7	13080A0024.jpg	13080I0025.jpg	D02	34.003	-96.4124			2		
15	13090	Manhole	X-CNL	CNL	3610 DAWNA ST.					Yard	Unpaved						No Photo	No Photo	D02							METAL DETECTED MULTIPLE YARDS. POSSIBLE EOL. DS IS ESTIMATE.
15	13100	Manhole	B	Yes	927 HARMONY DR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	9.8	13100A0030.jpg	13100I0031.jpg	D02	34.0026	-96.4123			2	BRICK CHIMNEY	
15	13110	Manhole	B	Yes	927 HARMONY DR.	Solid		No	Light	Yard	Unpaved	Above Grade	4	36	Concrete	9.86	13110A0037.jpg	13110I0038.jpg	D02	34.0025	-96.4123			1	CHIMNEY IS BRICK	
15	13120	Manhole	X-CNL	CNL	3705 DAWNA ST.					Yard	Unpaved						No Photo	No Photo	D02							METAL DETECTED MULTIPLE YARDS. POSSIBLE EOL. DS IS ESTIMATE.
15	13130	Manhole	D	Yes	812 LYNNWOOD ST.	Solid		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	9	13130A0045.jpg	13130I0046.jpg	D02	34.0019	-96.4123			1	SEALED BRICK CHIMNEY	
15	13131	EOLS	X-Access	No Access	812 LYNNWOOD ST.					Yard	Unpaved	Below Grade					No Photo	No Photo	D02							
15	13140	Manhole	C	Yes	D36.5 HARMONY DR.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Concrete	7	13140A0032.jpg	13140I0033.jpg	D02	34.0016	-96.4125			1	TRAILER PARK.	
15	13150	Manhole	D	Yes	420 UNIVERSITY PL.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	27	Std 48 Round	Concrete	6.94	13150A0075.jpg	13150I0076.jpg	D02	34.0013	-96.4101			1	LID BROKEN ON ARRIVAL. CITY NOTIFIED.	
15	13160	Manhole	D	Yes	H39 HARMONY DR.	Vented	2	No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	5.72	13160A0043.jpg	13160I0044.jpg	D02	34.0013	-96.4128			3	TRAILER PARK.	
15	13170	Manhole	D	Yes	519 UNIVERSITY PL.	Solid		No	Light	Parking Lot	Paved - Asphalt	Above Grade	1	Std 48 Round	Concrete	5.42	13170A0053.jpg	13170I0054.jpg	D02	34.0013	-96.4122			4	EVIDENCE OF SURCHARGE.	
15	13180	Manhole	D	Yes	513 UNIVERSITY PL.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		24	Sealed Brick	3.4	13180A0064.jpg	13180I0065.jpg	D02	34.0013	-96.4108			3	EVIDENCE OF SURCHARGE. WALL DET CONSISTS OF WOOD.	
15	13190	Manhole	D	Yes	2101 RADIO RD	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	23	Std 48 Round	Concrete	15.25	13190A0030.jpg	13190I0031.jpg	C03	34.0119	-96.408			3		
15	13191	Manhole	X-CNL	CNL	2100 RADIO RD.					Trees/Woods	Unpaved						No Photo	No Photo	C03							METAL DETECTED
15	13192	Manhole	B	Yes	3325 HERRITAGE DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	54	Std 48 Round	Concrete	7.73	13192A0012.jpg	13192I0013.jpg	C03	34.013	-96.408			1	EVIDENCE OF SURCHARGE.	
15	13193	Manhole	D	Yes	2400 STAGE COACH AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	9.64	13193A0017.jpg	13193I0018.jpg	C03	34.014	-96.408			2		
15	13194	Manhole	C	Yes	3409 HERRITAGE DR.	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Concrete	5.88	13194A0028.jpg	13194I0029.jpg	C03	34.014	-96.4092			1		
15	13195	Manhole	D	Yes	2416 STAGE COACH LN.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	11.43	13195A0071.jpg	13195I0072.jpg	C03	34.0148	-96.408			2		
15	13196	Manhole	C	Yes	3517 HERRITAGE DR.	Solid		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	3.95	13196A0037.jpg	13196I0038.jpg	C03	34.014	-96.4105			0		
15	13197	EOLS	X-Access	No Access	3617 HERRITAGE DR.					Yard	Unpaved	Below Grade					No Photo	No Photo	C03							
15	13198	Manhole	X-CNL	CNL	3408 OVERLAND DR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED.
15	13199	Manhole	D	Yes	3517 CARRIAGE POINT DR.	Solid		No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	8.84	13199A0047.jpg	13199I0048.jpg	C03	34.0157	-96.4105			5	DS IS ESTIMATE.	
15	13200	Manhole	X-CNL	CNL	1928 LARKSPUR LN.					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	C03							METAL DETECTED.
15	13201	Cleanout	D	Yes	3625 CARRIAGE POINT DR.	Solid		No	Light	Yard	Unpaved	Above Grade	6	8	Other		13201A0057.jpg	13201I0058.jpg	C03	34.0157	-96.4119		PVC	0	MAINLINE CLEANOUT. LID IS SEALED.	
15	13202	Cleanout	D	CNO	3625 OVERLAND DR.	Solid		No	Light	Yard	Unpaved	Above Grade	16	8	Other		13202A0061.jpg	13202I0062.jpg	C03	34.0148	-96.4119		PVC	0	CAP IS GLUED	
15	13203	Manhole	B	Yes	3517 OVERLAND DR.	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	7.17	13203A0064.jpg	13203I0065.jpg	C03	34.0148	-96.4105			1	DS IS NOT ACCURATE, MAY HAVE ANOTHER ASSET INBETWEEN OUT MH AND THIS ONE.	
15	13204	Manhole	B	Yes	2524 STAGE COACH AVE.	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Concrete	11.41	13204A0001.jpg	13204I0002.jpg	C03	34.0157	-96.408			1		
15	13205	Manhole	C	Yes	2608 STAGE COACH AVE.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	11.33	13205A0013.jpg	13205I0014.jpg	C03	34.0165	-96.4079			1		
15	13206	Cleanout	C	Yes	3624 CARRIAGE POINT DR.	Solid		No	Light	Yard	Unpaved	Above Grade	17	8	Other	10.48	13206A0009.jpg	13206I0010.jpg	C03	34.0165	-96.4119		PVC	0	MAINLINE CLEANOUT.	
15	13207	Manhole	B	Yes	3416 CARRIAGE POINT DR.	Solid		No	Moderate	Yard	Unpaved	Below Grade	5	Std 48 Round	Concrete	7.02	13207A0021.jpg	13207I0022.jpg	C03	34.0165	-96.4105			1		
15	13208	Manhole	X-CNL	CNL	3400 CARRIAGE POINT DR.					Yard	Unpaved						No Photo	No Photo	C03							METAL DETECTED MULTIPLE YARDS.
15	13209	Cleanout	C	Yes	3625 LAZY LN.	Solid		No	Light	Yard	Unpaved	Above Grade	17	8	Other	8.32	13209A0029.jpg	13209I0030.jpg	C03	34.0173	-96.4119		PVC	0	MAINLINE CLEANOUT.	
15	13210	Manhole	X-CNL	CNL	1928 LARKSPUR LN.					Trees/Woods	Unpaved	Below Grade					No Photo	No Photo	C03							METAL DETECTED MAY BE UNDER BRUSH PILES OF FALLEN TREES. PIPES UNVERIFIED.
15	13220	Manhole	D	Yes	1928 LAKESPUR LN	Solid		Yes	None	Trees/Woods	Unpaved	Above Grade	18	Std 48 Round	Concrete	5.42	13220A0011.jpg	13220I0012.jpg	C03	34.0121	-96.4089			2		
15	13221	Manhole	C	Yes	1928 LAKESPUR LN	Vented	1	No	Light	Driveway	Unpaved	Above Grade	8	Std 48 Round	Concrete	10.9	13221A0019.jpg	13221I0020.jpg	NA	34.0121	-96.41			0	MH NOT ON MAP.	
15	13230	Manhole	D	Yes	3602 WILSON ST.	Vented	1	No	Light	Driveway	Unpaved	Above Grade	4	Std 48 Round	Concrete	10	13230A0100.jpg	13230I0101.jpg	C02	34.0122	-96.4109			3	32 INCH LID. EVIDENCE OF SURCHARGE.	
15	13240	Manhole	E	Yes	3602 WILSON ST.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	20.56	13240A0089.jpg	13240I0090.jpg	C02	34.0122	-96.412			3	32 INCH LID.	
15	13250	Manhole	D	Yes	3725 WILSON ST.	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	2	Std 48 Round	Concrete	13.16	13250A0100.jpg	13250I0101.jpg	C02	34.0122	-96.4133			1		
15	13260	Manhole	B	Yes	3838 WILSON ST.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	5.26	13260A0113.jpg	13260I0114.jpg	C02	34.0122	-96.4143			1	PIPE DEPTHS VERIFIED.	
15	13270	Manhole	C	Yes	4012 WILSON ST.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.6	13270A0109.jpg	13270I0110.jpg	C02	34.0121	-96.4152			3	EVIDENCE OF SSO. NO DIAMETER PIC.	
15	13280	Manhole	C	Yes	3204 UNIVERSITY BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	10	Std 48 Round	Fiberglass	8.1	13280A0058.jpg	13280I0059.jpg	D03	34.0048	-96.41			0	LINE AT 10 TURNS WEST	
15	13281	Manhole	B	Yes	1209 UNIVERSITY PL.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6.42	13281A0017.jpg	13281I0018.jpg	D03	34.0057	-96.4106			1		
15	13282	Manhole	B	Yes	1221 UNIVERSITY PL.	Vented	1	No	Light	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	3.72	13282A0010.jpg	13282I0011.jpg	D03	34.0065	-96.4106			2		
15	13283	Manhole	D	Yes	3204 UNIVERSITY BLVD.	Solid		No	Moderate	Street	Paved - Asphalt	Below Grade	3	Std 48 Round	Concrete	4.42	13283A0023.jpg	13283I0024.jpg	D03	34.0049	-96.4106			4	OUT PIPE TURNS TO 3:00. FRAME AND LID ARE COLLASPSING, PIECE OF METAL PROPING IT UP.	
15	13290	Manhole	X-CNL	CNL	3204 UNIVERSITY BLVD.					Road Shoulder	Unpaved						No Photo	No Photo	D03							METAL DETECTED
15	13300	Manhole	B	Yes	3204 UNIVERSITY BLVD.	Solid		No	Moderate	Road Shoulder	Unpaved	Above Grade	14	Std 48 Round	Concrete	4.4	13300A0051.jpg	13300I0052.jpg	D03	34.0048	-96.4089			2	EVIDENCE OF SSO.	
15	13301	Manhole	B	Yes	3416 ROCKBLUFF DR.	Solid		No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	7.37	13301A0007.jpg	13301I0008.jpg	C03	34.0173	-96.4105			1	32" LID.	
15	13302	Cleanout	C	Yes	3625 PRAIRIE XING.	Solid		No	Light	Yard	Unpaved	Above Grade	8	8	Other	9.31	13302A0033.jpg	13302I0034.jpg	C03	34.0181	-96.4119		PVC	0	MAINLINE CLEANOUT.	
15	13303	Manhole	C	Yes	3516 LAZY LN.	Solid		No	Light	Yard	Unpaved	Above Grade	8	Std 48 Round	Concrete	7.86	13303A0037.jpg	13303I0038.jpg	C03	34.0181	-96.4105			1	32" LID.	
15	13304	Manhole	C	Yes	2724 COLONIAL DR.</																					

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
15	13630	Manhole	X-CNL	CNL	1532 ESTELLE ST					Road Shoulder	Unpaved						No Photo	No Photo	C03						METAL DETECTED.	
15	13640	Manhole	D	Yes	1532 ESTELLE ST	Solid		No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	9.26	13640A0001.jpg	13640I0002.jpg	C03	34.0076	-96.4068			15	LOWER PIPES NOT VISIBLE. SEVERE ROOTS	
15	13650	Manhole	B	Yes	1537 ESTELLE ST	Vented	2	No	Moderate	Yard	Unpaved	At Grade		Std 48 Round	Concrete	5.36	13650A0034.jpg	13650I0035.jpg	C03	34.0084	-96.4068			0		
15	13660	Manhole	D	Yes	1621 ESTELLE ST	Solid		No	Moderate	Driveway	Unpaved	Above Grade	9	Std 48 Round	Concrete	6.44	13660A0025.jpg	13660I0026.jpg	C03	34.009	-96.4068			0		
15	13661	Manhole	D	Yes	1801 ESTELLE SY	Vented	2	No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	7.88	13661A0016.jpg	13661I0017.jpg	C03	34.0096	-96.4067			3		
15	13670	Manhole	D	Yes	1823 ESTELLE ST	Solid		No	Moderate	Yard	Unpaved	Above Grade	7	Std 48 Round	Concrete	6.06	13670A0008.jpg	13670I0009.jpg	C03	34.0104	-96.4068			1	BRICK CHIMNEY	
15	13680	Manhole	C	Yes	1911 ESTELLE ST	Solid		Yes	None	Trees/Woods	Unpaved	Above Grade	1	Std 48 Round	Concrete	3.58	13680A0001.jpg	13680I0002.jpg	C03	34.0112	-96.4068			3	REMOVED HALF A LID FROM MH.	
15	13690	Manhole	D	Surcharged	2300 CHUCKWA DR.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	1	Std 48 Round	Brick	8.92	13690A0018.jpg	13690I0019.jpg	C03	34.0104	-96.4001			5	1.5FT SURCHARGE.	
15	13700	Manhole	X-CNL	CNL	1717 MARIE DR.					Road Shoulder	Unpaved						No Photo	No Photo	NA						METAL DETECTED	
15	13710	Manhole	X-CNO	CNO	1717 MARIE DR	Solid				Yard	Unpaved	Above Grade	1				13710A0013.jpg	No Photo	C03	34.0102	-96.4014					
15	13720	Manhole	D	Yes	1965 MARIE DR	Vented	1	No	Moderate	Yard	Unpaved	At Grade		Std 48 Round	Brick	6.75	13720A0001.jpg	13720I0002.jpg	C03	34.0101	-96.4021			3	SEALED BRICK CHIMNEY.	
15	13721	EOLS	X-Access	No Access	1965 MARIE DR					Yard	Unpaved	Below Grade					No Photo	No Photo	C03							
15	13730	Manhole	D	Yes	2210 GERSHWIN DR	Vented	1	No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Sealed Brick	8.04	13730A0001.jpg	13730I0002.jpg	C03	34.0109	-96.3974			1		
15	13731	EOLS	X-Access	No Access	2210 GERSHWIN DR					Shoulder	Unpaved	Below Grade					No Photo	No Photo	C03							
15	13740	Manhole	D	Yes	2300 CHUKWA DR	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	29	Std 48 Round	Brick	11.5	13740A0041.jpg	13740I0042.jpg	C03	34.0096	-96.4002			1	EVIDENCE OF SURCHARGE.	
15	13750	Manhole	D	Yes	2400 CHUCKWA DR	Vented	1	Yes	None	Yard	Unpaved	Above Grade	4	Std 48 Round	Brick	7.04	13750A0034.jpg	13750I0035.jpg	C03	34.009	-96.3995			0	LOWER WALL, SEALED BRICK.	
15	13760	Manhole	D	Yes	2400 CHUCKWA DR	Vented	1	No	Moderate	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Brick	7.72	13760A0025.jpg	13760I0026.jpg	C03	34.0087	-96.3989			1	CREEK BANK. LOWER WALL, SEALED BRICK.	
15	13770	Manhole	D	Yes	1201 WESTSIDE DR.	Vented	1	No	Moderate	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Brick	9.8	13770A0001.jpg	13770I0002.jpg	C03	34.0082	-96.3988			0		
15	13771	Manhole	D	Yes	1201 WESTSIDE DR	Solid		No	Light	Street	Paved - Concrete	At Grade		Std 48 Round	Concrete	9.4	13771A0015.jpg	13771I0016.jpg	C03	34.0085	-96.3989			0		
15	13772	EOLS	X-Access	No Access	2400 CHUCKWA DR					Street	Paved - Concrete	Below Grade					No Photo	No Photo	C03							
15	13780	Manhole	C	Yes	1201 WESTSIDE DR.	Vented	1	Yes	Light	Road Shoulder	Unpaved	Above Grade	1	36	Brick	8	13780A0023.jpg	13780I0024.jpg	C03	34.0081	-96.3985			8	LOWER WALL, SEALED BRICK.	
15	13790	Manhole	C	Yes	2200 W UNIVERSITY BLVD	Bolted		No	Light	Street	Paved - Concrete	At Grade		Std 48 Round	Brick	13.45	13790A0001.jpg	13790I0002.jpg	D03	34.0076	-96.3972			2	CHIMNEY IS BRICK. NO BOLTS IN LID.	
15	13800	Manhole	C	Yes	1400 BRYAN DR.	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Brick	13.5	13800A0008.jpg	13800I0009.jpg	D03	34.0074	-96.3969			1		
15	13810	Manhole	X-CNL	CNL	1400 BRYAN DR.					Field	Unpaved						No Photo	No Photo	C03							
15	13811	EOLS	X-Access	No Access	1400 BRYAN DR.					Field	Unpaved	Below Grade					No Photo	No Photo	C03							
15	13820	Manhole	C	Yes	1307 N WASHINGTON AVE.	Solid		No	Light	Alley	Unpaved	At Grade		Std 48 Round	Brick	11.9	13820A0001.jpg	13820I0002.jpg	D03	34.0067	-96.3907			1		
15	13830	Manhole	C	Yes	1307 N WASHINGTON AVE.	Solid		No	Light	Alley	Unpaved	Above Grade	1	Std 48 Round	Brick	13.72	13830A0008.jpg	13830I0009.jpg	D03	34.0067	-96.3916			1		
15	13831	EOLS	X-Access	No Access	1307 N WASHINGTON AVE.					Parking Lot	Paved	Below Grade					No Photo	No Photo	D03							
15	13840	Manhole	C	Yes	1327 N 16TH ST	Solid		No	Light	Alley	Unpaved	Above Grade	11	Std 48 Round	Brick	14.06	13840A0018.jpg	13840I0019.jpg	D03	34.0067	-96.3921			3		
15	13850	Manhole	X-Buried	Buried	1602 W UNIVERSITY BLVD.					Street	Paved - Asphalt						13850A0034.jpg	No Photo	D03	34.0058	-96.3921					
15	13860	Manhole	B	Yes	1602 W UNIVERSITY BLVD.	Vented	2	Yes	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	6	13860A0028.jpg	13860I0029.jpg	D03	34.0052	-96.3921			0		
15	13861	EOLS	X-Access	No Access	1602 W UNIVERSITY BLVD.					Street	Paved	Below Grade					No Photo	No Photo	D03							
15	13870	Manhole	C	Yes	1800 W UNIVERSITY BLVD	Solid		No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Brick	14.4	13870A0042.jpg	13870I0043.jpg	D03	34.0067	-96.3926			2	CHIMNEY IS CONCRETE.	
15	13871	Manhole	B	Yes	1800 W UNIVERSITY BLVD	Solid		No	Light	Yard	Unpaved	Above Grade	10	Std 48 Round	Concrete	12.5	13871A0035.jpg	13871I0036.jpg	D03	34.0067	-96.3929			2		
15	13880	Manhole	B	Yes	1422 WACO ST	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	26	Std 48 Round	Concrete	14.5	13880A0055.jpg	13880I0056.jpg	D03	34.0071	-96.3926			1		
15	13890	Manhole	B	Yes	1800 W UNIVERSITY BLVD	Solid		No	Light	Driveway	Paved - Asphalt	At Grade		Std 48 Round	Concrete	13.4	13890A0050.jpg	13890I0051.jpg	D03	34.0065	-96.3933			1		
15	13900	Manhole	B	Yes	1800 W UNIVERSITY BLVD.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		Std 48 Round	Concrete	13.7	13900A0063.jpg	13900I0064.jpg	D03	34.0065	-96.3934			1		
15	13901	Manhole	B	Yes	2200 W. UNIVERSITY BLVD.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		32	Concrete	2.86	13901A0024.jpg	13901I0025.jpg	D03	34.0069	-96.3942			1	YELLOW COVER OVER REGULAR COVER.	
15	13910	Manhole	D	Yes	1800 W. UNIVERSITY BLVD.	Vented	1	No	Moderate	Trees/Woods	Unpaved	Above Grade	3	Std 48 Round	Brick	7.68	13910A0032.jpg	13910I0033.jpg	D03	34.0067	-96.3969			5	OUTGOING PIPE IS OBSTRUCTED. NO DIAM PIC.	
15	13911	Manhole	X-CNO	CNO	2200 W. UNIVERSITY BLVD.	Solid				Sidewalk	Paved - Concrete						13911A0023.jpg	No Photo	D03	34.0068	-96.3936				SPRAYED AND HAMMERED	
15	13912	Manhole	C	Yes	2200 W. UNIVERSITY BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	7.28	13912A0011.jpg	13912I0012.jpg	D03	34.0068	-96.3937			3		
15	13940	Manhole	C	Yes	2200 UNIVERSITY BLVD.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Below Grade	1	36	Brick	6.85	13940A0053.jpg	13940I0054.jpg	D03	34.0059	-96.3973			2		
15	13943	Manhole	D	Yes	2200 W. UNIVERSITY BLVD.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Brick	9.9	13943A0041.jpg	13943I0042.jpg	D03	34.0054	-96.3977			0		
15	13950	Manhole	X-CNL	CNL	1800 W. UNIVERSITY BLVD.					Street	Paved - Asphalt						No Photo	No Photo	D03							METAL DETECTED
15	13960	Manhole	C	Yes	1500 N. 19TH AVE.	Vented	2	No	Moderate	Driveway	Paved - Concrete	At Grade		Std 48 Round	Concrete	3.08	13960A0001.jpg	13960I0002.jpg	D03	34.0059	-96.3959			4		
15	13961	Manhole	B	Yes	1500 N. 19TH AVE.	Solid		No	Severe	Road Shoulder	Unpaved	Below Grade	8	Std 48 Round	Concrete	13.02	13961A0008.jpg	13961I0009.jpg	D03	34.0067	-96.3959			2	6 INCH OUT AT 13960. 8 INCH IN HERE. VERIFIED.	
15	13962	Manhole	C	Yes	2200 W. UNIVERSITY BLVD.	Solid		No	Light	Driveway	Paved - Asphalt	Below Grade	1	Std 48 Round	Brick	16	13962A0001.jpg	13962I0002.jpg	D03	34.0067	-96.3937			4	YELLOW COVER OVER REGULAR COVER. PIPE SIZES VERIFIED.	
15	13963	Manhole	X-Buried	Buried	2200 W. UNIVERSITY BLVD.					Driveway	Paved - Asphalt						13963A0031.jpg	No Photo	D03	34.0068	-96.3949					
15	22670	Manhole	B	Yes	3010 W. UNIVERSITY BLVD.	Solid		No	Moderate	Road Shoulder	Unpaved	Below Grade	1	Std 48 Round	Fiberglass	7.6	22670A0018.jpg	22670I0019.jpg	D03	34.0057	-96.4067			1		
15	22671	EOLS	X-Access	No Access	3010 W. UNIVERSITY BLVD.					Parking Lot	Paved	Below Grade					No Photo	No Photo	D03							
15	22680	Manhole	B	Yes	3010 W. UNIVERSITY BLVD.	Solid		Yes	Light	Driveway	Paved - Concrete	At Grade		Std 48 Round	Fiberglass	7.12	22680A0029.jpg	22680I0030.jpg	D03	34.005	-96.4067			1		
15	22690	Manhole	B	Yes	3004 UNIVERSITY BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	1	Std 48 Round	Concrete	4.7	22690A0070.jpg	22690I0071.jpg	D03	34.005	-96.4063			2	CHIMNEY IS BRICK.	
15	22691	Manhole	B	Yes	3010 W. UNIVERSITY BLVD.	Vented	2	No	Moderate	Drainage Ditch	Unpaved	Above Grade	3	Std 48 Round	Concrete	4.7	22691A0023.jpg	22691I0024.jpg	D03	34.005	-96.4064			0		
15	25640	Manhole	B	Yes	1109 N. 49TH ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	7.15	25640A0046.jpg	25640I0047.jpg	D02	34.0068	-96.4254			1		
15	25650	Manhole	C	Yes	5008 W. UNIVERSITY BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	35	Std 48 Round	Concrete	6	25650A0051.jpg	25650I0052.jpg	D02	34.005	-96.4254			1		
15	25651	Manhole	D	Yes	1007 N. 49TH ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	5.1	25651A0059.jpg	25651I0060.jpg	D02	34.006	-96.4254			2		
15	25660	Manhole	D	Yes	5008 UNIVERSITY BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	23	Std 48 Round	Concrete	4.2	25660A0104.jpg	25660I0105.jpg	D02	34.005	-96.4265			3		
15	25670	Manhole	C	Yes	900 WESTGATE AVE.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.1	25670A0096.jpg	25670I0097.jpg	D02	34.005	-96.4278			2		
15	25680	Manhole	D	Yes	5302 W. UNERVRSITY BLVD.	Solid		Yes	Moderate	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	4.74	25680A0001.jpg	No Photo	D02	34.005	-96.429			3	EVIDENCE OF SURCHARGE. MORE DEFECTS VISIBLE.	
15	25690	Manhole	B	Yes	5304 W. UNIVERSITY BLVD.	Solid		Yes	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	4.2	25690A0066.jpg	25690I0067.jpg	D02	34.005	-96.4301			1		
15	25700	Manhole	C	Yes	5324 W. UNIVERSITY BLVD	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	5.08	25700A0047.jpg									

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
15	25811	EOLS	X-Access	No Access	4501 W. UNIVERSITY BLVD.					Yard	Unpaved	Below Grade					No Photo	No Photo	D02						
15	25812	Manhole	C	Yes	4249 W. UNIVERSITY BLVD.	Solid		No	Light	Yard	Unpaved	Below Grade	1	Std 48 Round	Concrete	5.06	25812A0030.jpg	25812I0031.jpg	D02	34.0048	-96.4203			1	
15	25813	Manhole	B	Yes	4203 W. UNIVERSITY BLVD.	Solid		No	Light	Yard	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	5.36	25813A0038.jpg	25813I0039.jpg	D02	34.0048	-96.4198			1	
15	25814	EOLS	X-Access	No Access	4249 W. UNIVERSITY BLVD.					Yard	Unpaved	Below Grade					No Photo	No Photo	D02						
15	25815	Manhole	B	Yes	4331 W. UNIVERSITY BLVD.	Solid		No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Concrete	5.44	25815A0047.jpg	25815I0048.jpg	D02	34.0048	-96.4192			1	SB CHIMNEY.
15	25816	EOLS	X-Access	No Access	4203 W. UNIVERSITY BLVD.					Yard	Unpaved	Below Grade					No Photo	No Photo	D02						
15	25820	Manhole	B	Yes	4501 W. UNIVERSITY BLVD	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	4.61	25820A0007.jpg	25820I0008.jpg	D02	34.0048	-96.422			2	INVERTS NOT CUT OUT. 8" OF WATER IN MH.
15	25821	EOLS	X-Access	No Access	4501 W. UNIVERSITY BLVD					Yard	Unpaved	Below Grade					No Photo	No Photo	D02						
15	25822	Manhole	B	Yes	4501 W. UNIVERSITY BLVD.	Solid		No	Light	Yard	Unpaved	At Grade		Std 48 Round	Concrete	4.52	25822A0014.jpg	25822I0015.jpg	D02	34.0048	-96.4215			1	
15	25830	Manhole	C	Yes	4619 W. UNIVERSITY BLVD.	Solid		No	Light	Field	Unpaved	Above Grade	2	Std 48 Round	Concrete	4.1	25830A0001.jpg	25830I0002.jpg	D02	34.0048	-96.4228			1	
15	25840	Manhole	B	Yes	4709 W. UNIVERSITY BLVD.	Solid		No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	4.28	25840A0100.jpg	25840I0101.jpg	D02	34.0047	-96.4241			2	EVIDENCE OF SURCHARGE
15	25850	Manhole	X-CNO	CNO	3125 GREENBRIAR ST.	Solid				Road Shoulder	Unpaved	Below Grade	4				25850A0001.jpg	No Photo	NA	34.009	-96.4079				HAMMERED AND OILED
15	25860	Manhole	X-CNO	CNO	1801 GREENBRIAR ST	Solid				Road Shoulder	Unpaved	Above Grade	6				25860A0001.jpg	No Photo	C03	34.0093	-96.4079				
15	25870	Manhole	X-CNL	CNL	1801 RADIO RD.					Road Shoulder	Unpaved						No Photo	No Photo	NA						METAL DETECTED
15	25880	Manhole	D	Yes	3202 GREENBRIAR ST	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Fiberglass	7.32	25880A0002.jpg	25880I0003.jpg	C03	34.0093	-96.4085			2	
15	25890	Manhole	X-CNL	CNL	3210 GREENBRIAR ST					Road Shoulder	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED.RECEIVED NO HITS.
15	25900	Manhole	X-CNO	CNO	3212 GREENBRIAR ST	Solid				Road Shoulder	Unpaved	At Grade					25900A0009.jpg	No Photo	C03	34.0093	-96.4095				DS LENGTH ESTIMATED
15	26250	Manhole	B	Yes	3201 LIONEL	Solid		No	Light	Yard	Unpaved	Above Grade	17	Std 48 Round	Fiberglass	9.82	26250A0016.jpg	26250I0017.jpg	B03	34.0231	-96.4058			1	
15	26260	Manhole	B	Yes	3110 LITTE JOHN DR.	Solid		No	Light	Yard	Unpaved	Above Grade	18	Std 48 Round	Concrete	7.5	26260A0088.jpg	26260I0089.jpg	C03	34.0223	-96.4057			1	
15	26270	Manhole	B	Yes	3201 LIONEL	Solid		No	Light	Yard	Unpaved	Above Grade	1	Std 48 Round	Fiberglass	11.05	26270A0022.jpg	26270I0023.jpg	B03	34.0231	-96.4068			1	
15	26280	Manhole	B	Yes	3302 LITTLE JOHN DR.	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	8	Std 48 Round	Fiberglass	10.52	26280A0041.jpg	26280I0042.jpg	C03	34.0231	-96.4079			3	
15	26290	Manhole	B	Yes	3301 CASTLE CT.	Solid		No	Light	Yard	Unpaved	Above Grade	27	Std 48 Round	Fiberglass	11.42	26290A0027.jpg	26290I0028.jpg	B03	34.0231	-96.409			4	
15	26300	Manhole	B	Yes	3301 CASTLE CT.	Solid		No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Fiberglass	10.1	26300A0032.jpg	26300I0033.jpg	B03	34.0231	-96.4101			2	
15	26310	Manhole	X-CNL	CNL	3419 CASTLE CT.					Yard	Unpaved						No Photo	No Photo	C02						METAL DETECTED
15	26320	Manhole	B	Yes	3419 CASTLE CT.	Solid		No	Light	Yard	Unpaved	Above Grade	12	Std 48 Round	Fiberglass	4.85	26320A0038.jpg	26320I0039.jpg	B03	34.0231	-96.4121			2	
15	26330	Manhole	D	Yes	3717 JOHN JCT.	Solid		No	Light	Yard	Unpaved	Above Grade	5	Std 48 Round	Fiberglass	5.81	26330A0001.jpg	26330I0002.jpg	B03	34.0258	-96.4121			1	
15	26331	EOLS	X-Access	No Access	3717 JOHN JCT.					Yard	Unpaved	Below Grade					No Photo	No Photo	B03						
15	26340	Manhole	C	Yes	3501 CASTLE CT.	Solid		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Fiberglass	6.13	26340A0016.jpg	26340I0017.jpg	B03	34.024	-96.4121			1	
15	26350	Manhole	B	Yes	3717 JOHN JCT.	Solid		No	Light	Yard	Unpaved	Above Grade	15	Std 48 Round	Fiberglass	5.55	26350A0010.jpg	26350I0011.jpg	B03	34.0249	-96.4121			1	
15	26360	Manhole	B	Yes	3611 BERNE BLVD.	Solid		No	Light	Yard	Unpaved	Above Grade	14	Std 48 Round	Fiberglass	8.79	26360A0050.jpg	26360I0051.jpg	B03	34.0258	-96.4101			1	
15	26370	Manhole	C	Yes	3512 JOHN JCT.	Solid		No	Light	Yard	Unpaved	Above Grade	18	Std 48 Round	Fiberglass	9.59	26370A0059.jpg	26370I0060.jpg	B03	34.0249	-96.4101			0	
15	26380	Manhole	B	Yes	3302 CASTLE CT.	Solid		No	Light	Yard	Unpaved	Above Grade	14	Std 48 Round	Fiberglass	9.16	26380A0054.jpg	26380I0055.jpg	B03	34.024	-96.4101			1	
15	26390	Manhole	D	Yes	3202 CASTLE CT.	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Fiberglass	6.09	26390A0023.jpg	26390I0024.jpg	B03	34.0239	-96.4079			1	
15	26400	Manhole	B	Yes	3611 LIONEL	Solid		No	Light	Yard	Unpaved	Above Grade	4	Std 48 Round	Fiberglass	6.67	26400A0028.jpg	26400I0029.jpg	B03	34.0248	-96.4079			1	
15	26410	Manhole	X-CNO	CNO	3611 BERNE BLVD.	Solid			Light	Yard	Unpaved	Above Grade	3				26410A0034.jpg	No Photo	B03	34.0258	-96.4079				
15	26420	Manhole	X	Locked Gate	3714 LIONEL					Yard	Unpaved						26420A0001.jpg	No Photo	B03	34.0257	-96.4058				DOOR HANGER STILL ON DOOR FROM 8/15/22. DS IS ESTIMATE. GPS IS FROM 20' SOUTH OF MH.
15	26430	Manhole	X-CNL	CNL	3514 LIONEL					Yard	Unpaved						No Photo	No Photo	B03						METAL DETECTED YARD AND TREE LINE
15	26440	Manhole	X-CNL	CNL	3512 LIONEL RD.					Yard	Unpaved						No Photo	No Photo	C03						METAL DETECTED YARD AND WOODS BEHIND IT. DS IS ESTIMATE.
15	26560	Manhole	D	Yes	613 UNIVERSITY PL.	Solid		No	Light	Parking Lot	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	8.84	26560A0001.jpg	26560I0002.jpg	D02	34.0027	-96.4122			1	EVIDENCE OF SURCHARGE. OUT PIPE TURNS WEST
15	26570	Manhole	D	Yes	613 UNIVERSITY PL.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Fiberglass	8.06	26570A0091.jpg	26570I0092.jpg	D02	34.0023	-96.4122			5	PIPE 1 TURNS TO 12OCLOCK, PIPE 2 TURNS TO 3 O'CLOCK. HOLIDAY INN.
15	26571	Manhole	C	Yes	613 UNIVERSITY PL.	Solid		No	Light	Parking Lot	Paved - Asphalt	At Grade		Std 48 Round	Concrete	4.64	26571A0101.jpg	26571I0102.jpg	D02	34.0023	-96.4109			0	HOLIDAY INN.
15	26580	Manhole	X-CNO	CNO	613 UNIVERSITY PL.					Driveway	Paved - Concrete	At Grade					26580A0110.jpg	No Photo	D02	34.0023	-96.4103				HOLIDAY INN.
15	26590	Manhole	C	Yes	2201 SHIRLEY ST	Vented	1	No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Concrete	7.24	26590A0018.jpg	26590I0019.jpg	C03	34.0131	-96.3973			3	
15	26600	Manhole	X-CNL	CNL	2218 WILSON ST					Yard	Unpaved	Below Grade					No Photo	No Photo	C03						METAL DETECTED BYARD, OWNER SAYS NO MH
15	26610	Manhole	E	Yes	2310 WILSON ST	Vented	1	Yes	None	Yard	Unpaved	Above Grade	8	Std 48 Round	Brick	6.04	26610A0007.jpg	26610I0008.jpg	C03	34.0127	-96.3988			4	NO DIAM PIC DUE TO DEBRIS
15	26611	EOLS	X-Access	No Access	2310 WILSON ST					Yard	Unpaved						No Photo	No Photo	C03						
15	26620	Manhole	X-CNL	CNL	3534 UNIVERSITY BLVD.					Street	Paved - Asphalt						No Photo	No Photo	D02						METAL DETECTED
15	26630	Manhole	X	Surcharged	3492 UNIVERSITY BLVD.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	5.95	26630A0019.jpg	26630I0020.jpg	D02	34.0051	-96.4122			3	
15	26640	Manhole	B	Yes	3412 UNIVERSITY BLVD.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	6.36	26640A0014.jpg	26640I0015.jpg	D02	34.0061	-96.4122			1	
15	26650	Manhole	B	Yes	1511 LARKSPUR LN.	Solid		No	Light	Street	Paved - Asphalt	Above Grade	1	Std 48 Round	Fiberglass	5.36	26650A0009.jpg	26650I0010.jpg	D02	34.0072	-96.4122			1	
15	26660	Cleanout	B	Yes	1511 LARKSPUR LN.	Solid		No	Light	Street	Paved - Asphalt	At Grade		24	Concrete	5.9	26660A0001.jpg	26660I0002.jpg	D02	34.008	-96.4123			1	
15	26661	Manhole	X	Surcharged	1511 LARKSPUR LN.	Solid		No	Light	Street	Paved - Asphalt	At Grade		Std 48 Round	Fiberglass	6	26661A0005.jpg	26661I0006.jpg	D02	34.0075	-96.4122			0	3.90 SURCHARGED
15	26670	Manhole	X-CNL	CNL	497 RADIO RD.					Road Shoulder	Unpaved						No Photo	No Photo	D02						METAL DETECTED MULTIPLE PROPERTIES.
15	26710	Manhole	B	Yes	4223 WILSON ST.	Solid		No	Light	Street	Paved - Asphalt	Below Grade	1	Std 48 Round	Concrete	10.12	26710A0126.jpg	26710I0127.jpg	C02	34.0121	-96.4178			0	
15	26711	Manhole	C	Yes	4352 WILSON ST.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	8.06	26711A0001.jpg	26711I0002.jpg	C02	34.0121	-96.4189			3	
15	26720	Manhole	B	Yes	2605 MAXEY DR	Solid		No	Light	Trees/Woods	Unpaved	Above Grade	11	Std 48 Round	Concrete	4.34	26720A0013.jpg	26720I0014.jpg	C03	34.014	-96.4029			3	EVIDENCE OF FULL SURCHARGE.
15	26730	Manhole	D	Yes	605 MAXEY DR	Solid		No	Moderate	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	9.84	26730A0001.jpg	26730I0002.jpg	C03	34.0135	-96.4027			2	11 OCLOCK IN PIPE FULL OF DEBRIS. REMOVED AS MUCH BLOCKAGE AS POSSIBLE. PIPE DEPTHS VERIFIED.
15	26740	Manhole	C	Yes	2605 MAXEY DR	Solid		No	Light	Yard	Unpaved	Above Grade	7	Std 48 Round	Fiberglass	7.64	26740A0007.jpg	26740I0008.jpg	C03	34.0135	-96.4033			0	EVIDENCE OF SURCHARGE.
15	26750	Manhole	X-CNO	CNO	NONE MAXEY DR	Solid				Trees/Woods	Unpaved	Above Grade	2				26750A0006.jpg	No Photo	C03	34.0135	-96.4003				HAMMERED AND OILED.
15	26760	Manhole	C	Yes	NONE WILSON ST	Solid		No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	5.32	26760A0001.jpg	26760I0002.jpg	C03	34.0127	-96.3994			1	NO ADDRESS POSTED ON HOUSE, NOR ON GOOGLE MAPS.
15	26770	Manhole	D	Yes	2311 SHIRLEY ST	Vented	1	No	Moderate	Street	Paved - Asphalt	At Grade		Std 48 Round	Brick	8.62	26770A0027.jpg	26770I0028.jpg	C03	34.0131	-96.3988			3	
15	26780	Manhole	C	Yes	1904 ESTELLE ST	Solid		No	Light	Yard	Unpaved	Above Grade	10	Std 48 Round	Concrete	9.06	26780A0041.jpg	26780I0042.jpg	C03	34					

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments	
17	14000	Manhole	C	Yes	99 WALDRON RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	4	Std 48 Round	Concrete	7.62	14000A0039.jpg	14000I0040.jpg	H03	33.9421	-96.4027			4	EVIDENCE OF SURCHARGE	
17	14001	Manhole	D	Yes	10 WALDRON RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	24	Std 48 Round	Concrete	8.73	14001A0007.jpg	14001I0008.jpg	H03	33.9421	-96.4008			4	EVIDENCE OF SURCHARGE	
17	14002	Manhole	B	Yes	10 WALDRON RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	16	Std 48 Round	Concrete	8.41	14002A0014.jpg	14002I0015.jpg	H03	33.9421	-96.4018			1	EVIDENCE OF SURCHARGE	
17	14010	Manhole	B	Yes	10 WALDRON RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	31	Std 48 Round	Concrete	8.79	14010A0001.jpg	14010I0002.jpg	H03	33.9421	-96.4001			4	EVIDENCE OF SURCHARGE	
17	14020	Manhole	B	Yes	10 WALDRON RD.	Vented	1	No	Light	Field	Unpaved	Above Grade	9	36	Brick	3.59	14020A0010.jpg	14020I0011.jpg	H03	33.9427	-96.3998			2	PIPE SIZES VERIFIED	
17	14030	Manhole	D	Yes	10 WALDRON RD.	Solid		No	Light	Field	Unpaved	Above Grade	19	26	Brick	3.19	14030A0019.jpg	14030I0020.jpg	H03	33.9425	-96.4			3		
17	14040	Manhole	C	Yes	10 WALDRON RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	37	Std 48 Round	Concrete	8.83	14040A0016.jpg	14040I0017.jpg	H03	33.9421	-96.3992			4	EVIDENCE OF SURCHARGE	
17	14041	Manhole	B	Yes	5861 CESSNA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Fiberglass	5.13	14041A0044.jpg	14041I0045.jpg	H03	33.9418	-96.3993			2		
17	14042	Manhole	B	Yes	5861 CESSNA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	21	Std 48 Round	Fiberglass	5.09	14042A0050.jpg	14042I0051.jpg	H03	33.9408	-96.3993			1		
17	14043	Manhole	B	Yes	5861 CESSNA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	21	Std 48 Round	Fiberglass	6.44	14043A0055.jpg	14043I0056.jpg	H03	33.9402	-96.3993			2		
17	14044	Manhole	E	Surcharged	5861 CESSNA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	16	Std 48 Round	Fiberglass	5.19	14044A0031.jpg	14044I0032.jpg	H03	33.9383	-96.3994			1	DEPTHS VERIFIED BUT NOT ACCURATE DUE TO CHIMNEY CONDITION	
17	14045	Manhole	B	Yes	5861 CESSNA DR.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Fiberglass	6.4	14045A0061.jpg	14045I0062.jpg	H03	33.9392	-96.3993			1	OUTPIPE IS SLIGHTLY COMPRESSED	
17	14046	EOLS	X-Access	No Access	5861 CESSNA DR.					Field	Unpaved	Below Grade					No Photo	No Photo	H03							
17	14060	Manhole	D	Yes	10 WALDRON RD.	Vented	1	Yes	Light	Field	Unpaved	At Grade		36	Brick	11.88	14060A0027.jpg	14060I0028.jpg	H03	33.9417	-96.3985			20	CONC. CHIMNEY, LOWER IS BRICK	
17	14070	Manhole	B	Yes	10 WALDRON RD.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Fiberglass	6.06	14070A0039.jpg	14070I0040.jpg	H03	33.9419	-96.3981			3	EVIDENCE OF SURCHARGE	
17	14080	Manhole	X	Surcharged	10 WALDRON RD.	Vented	1	Yes	Severe	Field	Unpaved	At Grade	2	Std 48 Round	Concrete	3.08	14080A0001.jpg	14080I0002.jpg	H03	33.943	-96.3994			3	4FT SURCHARGE.	
17	14090	Manhole	D	Yes	10 WALDRON RD.	Vented	1	No	Light	Yard	Unpaved	Above Grade	9	36	Brick	6.49	14090A0063.jpg	14090I0064.jpg	H03	33.9434	-96.399			1		
17	14091	EOLS	X-Access	No Access	10 WALDRON RD.					Yard	Unpaved	Below Grade					No Photo	No Photo	H03							
17	14092	Manhole	D	Yes	10 WALDRON RD.	Vented	1	Yes	Light	Field	Unpaved	Above Grade	14	36	Brick	4.21	14092A0001.jpg	14092I0002.jpg	H03	33.9432	-96.3992			3		
17	14100	Manhole	B	Yes	1 GAMCO PL.	Vented	1	No	Light	Field	Unpaved	Above Grade	7	Std 48 Round	Concrete	6.63	14100A0001.jpg	14100I0002.jpg	G03	33.9482	-96.4036			5	POSSIBLY ABANDONED. NO PIPE SIZE PHOTO AVAILABLE.	
17	14110	Manhole	C	Yes	1 GAMCO PL.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	9	Std 48 Round	Concrete	14.12	14110A0001.jpg	14110I0002.jpg	G03	33.9506	-96.4037			1		
17	14120	Manhole	B	Yes	1 GAMCO PL.	Vented	1	Yes	Light	Trees/Woods	Unpaved	Above Grade	4	Std 48 Round	Concrete	15.12	14120A0023.jpg	14120I0024.jpg	G03	33.9506	-96.408			1		
17	14130	Manhole	X	Surcharged	1 GAMCO PL.					Road Shoulder	Unpaved	Below Grade	8				14130A0001.jpg	14130I0002.jpg	G03	33.9476	-96.4079				MANHOLE IS BURIED UNDER 8" OF SURCHARGE COMING FROM CLEANOUT.	
17	14140	Manhole	X-CNL	CNL	1 GAMCO RD.					Field	Unpaved	At Grade					No Photo	No Photo	G03							METAL DETECTED.
17	14150	Manhole	X-CNL	CNL	1 GAMCO PL.					Field	Unpaved	At Grade					No Photo	No Photo	G03							METAL DETECTED.
17	14160	Manhole	B	Yes	1 GAMCO PL.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Below Grade	3	Std 48 Round	Concrete	16.34	14160A0003.jpg	14160I0004.jpg	G03	33.9486	-96.4079			1		
17	14170	Manhole	B	Yes	1 GAMCO PL.	Vented	1	No	Moderate	Road Shoulder	Unpaved	Below Grade	2	Std 48 Round	Concrete	15.82	14170A0012.jpg	14170I0013.jpg	G03	33.9495	-96.408			0	DS IS ESTIMATE.	
17	14180	Manhole	B	Yes	1 GAMCO PL.	Vented	1	Yes	Light	Field	Unpaved	Above Grade	14	Std 48 Round	Concrete	15.12	14180A0017.jpg	14180I0018.jpg	G03	33.9506	-96.4066			1		
17	14190	Manhole	D	Yes	1 GAMCO PL.	Vented	1	Yes	Light	Field	Unpaved	Above Grade	13	Std 48 Round	Concrete	14.77	14190A0010.jpg	14190I0011.jpg	G03	33.9506	-96.4051			1		
17	14200	Manhole	X-CNL	CNL	4310 INDUSTRIAL LN.					Field	Unpaved						No Photo	No Photo	G03							METAL DETECTED
17	14210	Manhole	B	Yes	2705 RODEO RD.	Vented	1	No	Light	Yard	Unpaved	Above Grade	6	Std 48 Round	Concrete	7.03	14210A0072.jpg	14210I0073.jpg	G03	33.9531	-96.4019			1		
17	14220	Manhole	C	Yes	2611 RODEO RD.	Vented	1	No	Light	Yard	Unpaved	Above Grade	2	Std 48 Round	Concrete	6.45	14220A0064.jpg	14220I0065.jpg	G03	33.9537	-96.401			1		
17	14230	Manhole	D	Yes	2606 RODEO RD.	Vented	1	No	Light	Trees/Woods	Unpaved	Above Grade	4	Std 48 Round	Concrete	7.39	14230A0058.jpg	14230I0059.jpg	G03	33.9543	-96.4004			2		
17	14240	Manhole	D	Yes	2606 RODEO RD.	Vented	1	Yes	None	Field	Unpaved	Above Grade	7	Std 48 Round	Concrete	7.94	14240A0033.jpg	14240I0034.jpg	G03	33.9559	-96.4004			2	OUT PIPE IS OVAL	
17	14241	Manhole	B	Yes	2606 RODEO RD.	Vented	9	No	Light	Field	Unpaved	Above Grade	14	Std 48 Round	Concrete	8.27	14241A0044.jpg	14241I0045.jpg	G03	33.9559	-96.4004			2	NEW CONST. FROM EAST AND WEST LINES NO MH'S	
17	14242	EOLS	X-Access	No Access	2606 RODEO RD.					Field	Unpaved	Below Grade					No Photo	No Photo	G03							
17	14243	Manhole	B	Yes	2724 WALNUT RD.	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	6.12	14243A0001.jpg	14243I0002.jpg	G03	33.9559	-96.4013			1	NO LONGER EOL. 32" LID.	
17	14250	Manhole	D	Yes	2724 PECAN RD.	Solid		No	Severe	Road Shoulder	Unpaved	Above Grade	27	Std 48 Round	Concrete	7.95	14250A0020.jpg	14250I0021.jpg	G03	33.9554	-96.4014			4	INVERT HAS A 2" DROP BELOW THE OUT PIPE. OUT PIPE HAS BEEN SMASHED A LITTLE BIT BY CONCRETE. DEPTHS VERIFIED.	
17	14260	Manhole	D	Yes	2801 PECAN RD.	Vented	1	No	Light	Road Shoulder	Unpaved	At Grade		Std 48 Round	Concrete	5.45	14260A0011.jpg	14260I0012.jpg	G03	33.9548	-96.4022			1	PARTIALLY BRICK	
17	14261	EOLS	X-Access	No Access	2801 PECAN RD.					Yard	Unpaved	Below Grade					No Photo	No Photo	G03							
17	14262	EOLS	X-Access	No Access	2801 PECAN RD.					Yard	Unpaved	Below Grade					No Photo	No Photo	G03							
17	14270	Manhole	D	Yes	2802 WALNUT RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Sealed Brick	8.86	14270A0001.jpg	14270I0002.jpg	G03	33.9554	-96.4022			3		
17	14280	Manhole	C	Yes	2804 WILLOW RD.	Solid		No	Light	Road Shoulder	Unpaved	At Grade		36	Concrete	9.97	14280A0027.jpg	14280I0028.jpg	G03	33.9554	-96.4035			1	PIPE SIZES VERIFIED. BRICK CHIMNEY.	
17	14290	Manhole	D	Yes	3308 CHOCTAW RD.	Vented	2	No	Moderate	Road Shoulder	Unpaved	Above Grade	21	Std 48 Round	Concrete	8.44	14290A0009.jpg	14290I0010.jpg	G03	33.9558	-96.405			3	PIPE SIZES VERIFIED. DS IS AN ESTIMATE	
17	14291	Manhole	D	Yes	3308 CHOCTAW RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	15	Std 48 Round	Concrete	10.13	14291A0017.jpg	14291I0018.jpg	G03	33.9552	-96.4056			2		
17	14292	Manhole	D	Yes	3308 CHOCTAW RD.	Solid		No	Severe	Road Shoulder	Unpaved	Above Grade	9	Std 48 Round	Concrete	13.11	14292A0024.jpg	14292I0025.jpg	G03	33.9546	-96.4062			2	EVIDENCE OF SURCHARGE	
17	14293	Manhole	D	Yes	3308 CHOCTAW RD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	Concrete	17.3	14293A0035.jpg	14293I0036.jpg	G03	33.9539	-96.4068			3		
17	14294	Manhole	D	Yes	3308 CHOCTAW RD.	Solid		Yes	None	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	20.92	14294A0027.jpg	14294I0028.jpg	G03	33.9531	-96.4076			2		
17	14295	Manhole	B	Yes	3308 CHOCTAW RD.	Solid		Yes	None	Road Shoulder	Unpaved	Above Grade	3	Std 48 Round	Concrete	23.62	14295A0021.jpg	14295I0022.jpg	G03	33.9524	-96.4084			3		
17	14296	Manhole	D	Yes	3308 CHOCTAW RD.	Solid		Yes	Moderate	Road Shoulder	Unpaved	Above Grade	5	Std 48 Round	Concrete	25.42	14296A0011.jpg	14296I0012.jpg	G03	33.9516	-96.4092			2		
17	14297	Manhole	D	Yes	3308 CHOCTAW RD.	Solid		No	Light	Parking Lot	Paved - Concrete	At Grade		Std 48 Round	Concrete	18.84	14297A0001.jpg	14297I0002.jpg	G03	33.9507	-96.41			2	CHIMNEY IS BRICK. AIR BAG IN PIPE 2. PIPES 2 AND 3 ARE CHOCTAW LINES PER CITY.	
17	14310	Manhole	B	Yes	3308 CHOCTAW RD.	Solid		No	None	Field	Unpaved	Above Grade	8	Std 48 Round	Concrete	11.02	14310A0070.jpg	14310I0071.jpg	G03	33.9593	-96.4075			3		
17	14320	Manhole	C	Yes	3324 ENTERPRISE BLVD.	Solid		No	Light	Field	Unpaved	At Grade		Std 48 Round	Concrete	10.84	14320A0054.jpg	14320I0055.jpg	F03	33.9598	-96.4081			3	PIPE 2 IS CHOCTAW TIE IN TO RV PARK.	
17	14330	Manhole	D	Yes	3108 ENTERPRISE BLVD.	Solid		No	Light	Field	Unpaved	Above Grade	16	Std 48 Round	Concrete	9	14330A0046.jpg	14330I0047.jpg	F03	33.9606	-96.4088			2		
17	14340	Manhole	D	Yes	3108 ENTERPRISE BLVD	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	6.34	14340A0039.jpg	14340I0040.jpg	F03	33.9615	-96.4095			1		
17	14350	Manhole	C	Yes	3210 ENTERPRISE BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	12	Std 48 Round	Concrete	7.2	14350A0032.jpg	14350I0033.jpg	F03	33.9615	-96.4107			1		
17	14360	Manhole	B	Yes	3212 ENTERPRISE BLVD	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	7	Std 48 Round	Concrete	8.2	14360A0045.jpg	14360I0046.jpg	F02	33.9615	-96.4119			2	EVIDENCE OF SURCHARGE.	
17	14361	Manhole	D	Yes	3210 ENTERPRISE BLVD.	Solid		No	Light	Road Shoulder	Unpaved	Above Grade	11	Std 48 Round	Concrete	9	14361A0022.jpg	14361I0023.jpg	F02	33.9615	-96.4122			8		
17	25130	Manhole	B	Yes	1 GAMCO PL.	Vented	1	No	Light	Field	Unpaved	Above Grade	6	Std 48 Round	Concrete	6.75	25130A0006.jpg	25130I0007.jpg	G03	33.949	-96.4036			1	POSSIBLY ABANDONED.	
17	25140																									

Sanitary Sewer Evaluation Survey - Durant, OK

Appendix A - Manhole Inventory

Basin	Manhole ID	Asset Type	Condition Rating	Inspection Status	Address	Lid Type	Vent Holes	Inflow Dish	Inflow Potential	Surface Cover	Surface Material	Manhole Grade	Grade (Inches)	Manhole Diameter	MH Material	Rim to Invert (feet)	Area Photo File	Internal Photo File	Map Number	GPS Lat	GPS Lon	Vault Size	Material If Other	Debris Depth (Inches)	Comments
U1	26910	Manhole	B	Yes	446 COUNTRY CLUB RD.	Bolted		No	None	Road Shoulder	Unpaved	Above Grade	24	Std 48 Round	Concrete	12.09	26910A0076.jpg	26910I0077.jpg	F04	33.9685	-96.3624			1	4 BOLTS. 32" LID.
U1	26920	Manhole	B	Yes	446 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	17	Std 48 Round	Concrete	12.15	26920A0063.jpg	26920I0064.jpg	F04	33.9685	-96.364			1	BOLTS MISSING. 32" LID.
U1	26921	Manhole	C	Yes	446 COUNTRY CLUB RD.	Vented	9	No	Light	Road Shoulder	Unpaved	Above Grade	23	Std 48 Round	Concrete	12.74	26921A0069.jpg	26921I0070.jpg	F04	33.9685	-96.3637			2	32' LID.
U1	26930	Manhole	B	Yes	446 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	22	Std 48 Round	Concrete	12.49	26930A0058.jpg	26930I0059.jpg	F04	33.9685	-96.365			0	BOLTS MISSING. 32" LID
U1	26940	Manhole	B	Yes	446 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	34	Std 48 Round	Concrete	13.05	26940A0053.jpg	26940I0054.jpg	F04	33.9685	-96.3663			0	32" LID, BOLTS MISSING.
U1	26950	Manhole	A	Yes	362 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	6	Std 48 Round	sealed Concrete	11.52	26950A0048.jpg	26950I0049.jpg	F04	33.9685	-96.3672			0	4 BOLTS. 32" LID
U1	26960	Manhole	A	Yes	362 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	8	Std 48 Round	sealed Concrete	12.27	26960A0043.jpg	26960I0044.jpg	F04	33.9685	-96.3686			1	4 BOLTS. 32" LID.
U1	26970	Manhole	A	Yes	362 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	22	Std 48 Round	Concrete	13.79	26970A0038.jpg	26970I0039.jpg	F04	33.9685	-96.3699			0	4 BOLTS. 32" LID.
U1	26980	Manhole	B	Yes	446 COUNTRY CLUB RD.	Bolted		No	Light	Road Shoulder	Unpaved	Above Grade	22	Std 48 Round	sealed Concrete	14.29	26980A0081.jpg	26980I0082.jpg	F04	33.9685	-96.3712			0	4 BOLTS. 32" LID.
U1	26990	Manhole	A	Yes	446 COUNTRY CLUB	Bolted		No	None	Field	Unpaved	Above Grade	11	Std 48 Round	sealed Concrete	14.5	26990A0086.jpg	26990I0087.jpg	F04	33.9685	-96.3725			0	4 BOLTS. 32" LID



Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
1	14244-14243	56	8	PVC	Joint	\$ 350
1	15030-15040	31	6	Clay	Joint	\$ 194
1	15040-15050	448	6	Clay	Joint	\$ 2,800
1	15100-15110	539	6	Clay	Joint	\$ 3,369
1	15150-16010	334	8	Clay	Crack	\$ 2,088
1	15570-15580	409	8	Clay	Joint	\$ 2,556
1	15590-15570	233	8	Clay	Broken Pipe	\$ 1,456
1	15670-15680	309	8	Clay	Joint	\$ 1,931
1	15580-15690	229	8	Clay	Joint	\$ 1,431
1	15721-15720	301	8	Clay	Joint	\$ 1,881
1	15723-15720	396	8	Clay	Joint	\$ 2,475
1	15724-15723	300	8	Clay	Joint	\$ 1,875
1	15911-15910	252	6	Clay	Crack	\$ 1,575
1	15950-15920	422	8	Clay	Joint	\$ 2,638
1	15910-15920	57	8	Clay	Joint	\$ 356
1	15932-15930	263	8	Clay	Joint	\$ 1,644
1	15960-15950	166	8	Clay	Joint	\$ 1,038
1	15951-15950	179	8	Clay	Joint	\$ 1,119
1	15952-15951	250	8	Clay	Joint	\$ 1,563
1	15970-15960	578	8	Clay	Joint	\$ 3,613
1	15983-15982	285	8	Clay	Joint	\$ 1,781
1	15984-15982	450	8	Iron	Deterioration	\$ 2,813
1	15988-15985	50	8	Clay	Crack	\$ 313
1	15986-15987	322	8	Clay	Deterioration	\$ 2,013
1	16000-15990	365	8	Clay	Joint	\$ 2,281
1	15991-15980	375	6	Clay	Joint	\$ 2,344
1	15990-15991	364	8	Clay	Joint	\$ 2,275
1	16010-16020	643	8	Clay	Joint	\$ 4,019
1	16020-15981	348	8	Clay	Broken Pipe	\$ 2,175
1	16061-16060	204	8	Clay	Joint	\$ 1,275
1	16050-16070	349	8	PVC	Joint	\$ 2,181
1	16090-16100	69	8	Clay	Collapse	\$ 431
1	16101-16100	235	8	Clay	Joint	\$ 1,469
1	15980-16101	483	8	Clay	Crack	\$ 3,019
1	16130-16120	547	8	Clay	Joint	\$ 3,419
1	16140-16130	543	6	Clay	Joint	\$ 3,394
1	16150-16140	39	6	Clay	Crack	\$ 244
1	16270-16260	289	8	Clay	Joint	\$ 1,806
1	16271-16270	512	8	Clay	Joint	\$ 3,200
1	16272-16270	150	8	Clay	Joint	\$ 938
1	16300-16290	423	6	Clay	Broken Pipe	\$ 2,644
1	16310-16300	435	6	Clay	Crack	\$ 2,719
1	16460-15900	287	6	Clay	Joint	\$ 1,794
1	16470-16460	154	6	Clay	Joint	\$ 963
1	16501-16500	169	6	Clay	Joint	\$ 1,056
1	16502-17180	399	8	Clay	Crack	\$ 2,494

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
1	16510-17240	193	8	Clay	Broken Pipe	\$ 1,206
1	16520-16510	169	6	Iron	Deterioration	\$ 1,056
1	16561-16560	120	6	Clay	Broken Pipe	\$ 750
1	16562-16560	540	6	Clay	Joint	\$ 3,375
1	16590-15881	309	8	Clay	Broken Pipe	\$ 1,931
1	16600-16590	365	8	Clay	Joint	\$ 2,281
1	16820-16830	41	8	Clay	Joint	\$ 256
1	16821-16820	78	8	Clay	Crack	\$ 488
1	16810-16821	101	8	Clay	Crack	\$ 631
1	16830-16840	363	8	Clay	Joint	\$ 2,269
1	16832-16830	117	6	Clay	Crack	\$ 731
1	16842-16840	409	6	Clay	Joint	\$ 2,556
1	16841-16840	35	8	Clay	Crack	\$ 219
1	16861-16860	392	8	Clay	Joint	\$ 2,450
1	16840-16860	325	8	Clay	Crack	\$ 2,031
1	16870-16900	75	8	Iron	Deterioration	\$ 469
1	16860-16870	284	8	Clay	Deterioration	\$ 1,775
1	16880-16870	621	6	Clay	Joint	\$ 3,881
1	16910-16900	34	6	Clay	Broken Pipe	\$ 213
1	16920-16910	508	6	Clay	Broken Pipe	\$ 3,175
1	15921-16950	499	8	Clay	Joint	\$ 3,119
1	16970-16990	61	10	Clay	Broken Pipe	\$ 381
1	17150-16972	218	10	Clay	Crack	\$ 1,363
1	16980-17170	394	8	Clay	Broken Pipe	\$ 2,463
1	16981-16980	78	8	Clay	Broken Pipe	\$ 488
1	17160-16980	354	8	Clay	Broken Pipe	\$ 2,213
1	16982-16981	150	8	Clay	Crack	\$ 938
1	16990-17000	184	10	Clay	Joint	\$ 1,150
1	16990-16980	220	8	Iron	Deterioration	\$ 1,375
1	17010-17020	252	10	Clay	Joint	\$ 1,575
1	17040-17050	51	10	Clay	Joint	\$ 319
1	17060-17050	41	10	Clay	Joint	\$ 256
1	17620-17060	190	10	Clay	Broken Pipe	\$ 1,188
1	17471-17070	37	8	Clay	Joint	\$ 231
1	17050-17070	333	12	Clay	Joint	\$ 2,081
1	17070-17080	66	12	Iron	Joint	\$ 413
1	17080-17090	344	12	Clay	Joint	\$ 2,150
1	17100-17120	675	12	Clay	Joint	\$ 4,219
1	17120-17121	75	15	Iron	Deterioration	\$ 731
1	17130-18181	180	10	Clay	Joint	\$ 1,125
1	17140-17130	377	8	Clay	Joint	\$ 2,356
1	17131-17130	25	10	Clay	Joint	\$ 156
1	16290-17150	495	6	Clay	Joint	\$ 3,094
1	17151-17150	16	10	Clay	Joint	\$ 100
1	16950-17151	11	8	Clay	Joint	\$ 69
1	17170-17250	451	8	Clay	Broken Pipe	\$ 2,819
1	17220-17170	47	8	Clay	Broken Pipe	\$ 294
1	17210-17220	187	6	PVC	Crack	\$ 1,169
1	17230-17220	311	8	Clay	Crack	\$ 1,944
1	17240-17230	404	8	Clay	Joint	\$ 2,525
1	17280-17250	188	8	Clay	Crack	\$ 1,175
1	17260-17270	180	8	Clay	Crack	\$ 1,125
1	17320-17280	354	8	PVC	Joint	\$ 2,213
1	17310-17300	208	6	Clay	Broken Pipe	\$ 1,300
1	17330-17340	181	6	Clay	Joint	\$ 1,131
1	17332-17330	90	6	Clay	Joint	\$ 563

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
1	17340-17350	176	8	Clay	Collapse	\$ 1,100
1	17350-17360	177	8	Clay	Hole	\$ 1,106
1	17360-17370	355	8	Clay	Crack	\$ 2,219
1	17610-17400	357	6	Clay	Broken Pipe	\$ 2,231
1	17401-17400	184	6	PVC	Joint	\$ 1,150
1	17402-17401	225	6	Clay	Joint	\$ 1,406
1	17420-17410	176	6	Clay	Broken Pipe	\$ 1,100
1	17430-17440	360	8	Clay	Joint	\$ 2,250
1	17450-17460	362	8	PVC	Deformed Pipe	\$ 2,263
1	17460-17470	167	6	Clay	Joint	\$ 1,044
1	17480-17730	89	10	Clay	Joint	\$ 556
1	17481-17480	145	10	Clay	Crack	\$ 906
1	17491-17490	250	6	Clay	Crack	\$ 1,563
1	17550-17500	360	6	PVC	Crack	\$ 2,250
1	17590-17550	363	6	Clay	Broken Pipe	\$ 2,269
1	17671-17620	287	6	Clay	Crack	\$ 1,794
1	17650-17671	187	6	Clay	Broken Pipe	\$ 1,169
1	17651-17650	200	6	Clay	Joint	\$ 1,250
1	17660-17650	217	6	Clay	Crack	\$ 1,356
1	17661-17660	100	6	Clay	Joint	\$ 625
1	17681-17670	247	6	Clay	Crack	\$ 1,544
1	17710-17720	252	6	Clay	Joint	\$ 1,575
1	17700-17710	361	6	PVC	Joint	\$ 2,256
1	17730-17490	257	10	Clay	Crack	\$ 1,606
1	17760-17770	191	6	Clay	Broken Pipe	\$ 1,194
1	17780-17760	37	6	Clay	Joint	\$ 231
1	17790-17750	84	8	Clay	Crack	\$ 525
1	17800-17790	54	8	Clay	Broken Pipe	\$ 338
1	17822-17821	125	6	Clay	Joint	\$ 781
1	17830-17800	140	8	Clay	Joint	\$ 875
1	17840-17830	189	8	Clay	Crack	\$ 1,181
1	17860-17830	239	6	Clay	Joint	\$ 1,494
1	17870-17140	29	8	Clay	Joint	\$ 181
1	17901-17900	383	6	Clay	Joint	\$ 2,394
1	17900-17910	340	6	Clay	Joint	\$ 2,125
1	18130-18140	241	10	Clay	Crack	\$ 1,506
1	18160-18150	384	15	Clay	Joint	\$ 3,744
1	18170-18160	141	15	PVC	Joint	\$ 1,375
1	18181-18170	148	15	Clay	Joint	\$ 1,443
1	17121-18180	134	15	Clay	Obstruction	\$ 1,307
1	23180-17600	360	6	Clay	Joint	\$ 2,250
2	11400-11410	105	6	Clay	Joint	\$ 656
2	11410-11420	344	8	Clay	Broken Pipe	\$ 2,150
2	11431-11430	239	8	Clay	Joint	\$ 1,494
2	11480-11660	320	8	Clay	Joint	\$ 2,000
2	11490-11480	42	8	Clay	Crack	\$ 263
2	11670-11480	105	8	Clay	Broken Pipe	\$ 656
2	11500-11490	371	8	Clay	Broken Pipe	\$ 2,319
2	11510-11500	289	8	Clay	Broken Pipe	\$ 1,806
2	11560-11630	204	8	Clay	Crack	\$ 1,275
2	11550-11560	117	8	Clay	Crack	\$ 731
2	11600-11610	144	8	Clay	Joint	\$ 900
2	11601-11600	100	8	Clay	Joint	\$ 625
2	11620-11610	121	8	Clay	Broken Pipe	\$ 756
2	11630-11620	381	8	Clay	Joint	\$ 2,381
2	11760-11720	347	8	Clay	Crack	\$ 2,169

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
2	11730-11620	265	8	Clay	Broken Pipe	\$ 1,656
2	11740-11730	332	8	Clay	Joint	\$ 2,075
2	11750-11710	266	8	Clay	Broken Pipe	\$ 1,663
2	12140-12160	206	8	Clay	Crack	\$ 1,288
2	12150-12140	135	8	Clay	Joint	\$ 844
2	12190-12210	281	8	Clay	Joint	\$ 1,756
2	12201-12190	54	8	Clay	Joint	\$ 338
2	12200-12201	50	8	Clay	Broken Pipe	\$ 313
2	12220-12222	54	10	Clay	Crack	\$ 338
2	12380-12220	395	10	Clay	Broken Pipe	\$ 2,469
2	12370-12380	298	10	PVC	Joint	\$ 1,863
2	12210-12370	182	8	Clay	Joint	\$ 1,138
2	12471-12463	75	8	PVC	Joint	\$ 469
2	15500-11560	146	8	Clay	Broken Pipe	\$ 913
2	15510-15500	272	8	Clay	Broken Pipe	\$ 1,700
2	15531-15530	52	8	Clay	Joint	\$ 325
2	15530-15540	220	8	Clay	Collapse	\$ 1,375
2	15750-15760	179	8	Clay	Joint	\$ 1,119
2	15760-15770	159	8	Clay	Joint	\$ 994
2	15790-15780	186	8	Clay	Joint	\$ 1,163
2	15800-11750	190	8	Clay	Joint	\$ 1,188
2	15850-15800	573	8	Clay	Crack	\$ 3,581
2	16630-16640	89	6	Clay	Joint	\$ 556
2	16640-16650	79	6	Clay	Crack	\$ 494
2	12222-16660	322	10	Clay	Joint	\$ 2,013
2	16690-16691	213	10	Clay	Crack	\$ 1,331
2	16700-17930	257	18	Iron	Deterioration	\$ 2,506
2	17930-17940	190	15	Iron	Deterioration	\$ 1,853
2	17940-17950	244	15	Iron	Deterioration	\$ 2,379
2	17950-17980	366	15	Iron	Deterioration	\$ 3,569
2	17990-18000	333	15	Iron	Deterioration	\$ 3,247
2	18020-18030	200	15	Iron	Deterioration	\$ 1,950
2	18030-18361	325	15	Clay	Joint	\$ 3,169
2	40470-40260	769	8	PVC	Joint	\$ 4,806
2	40330-40300	200	8	PVC	Obstruction	\$ 1,250
2	40390-40400	164	8	PVC	Joint	\$ 1,025
2	40520-40500	100	8	PVC	Joint	\$ 625
2	40510-40500	51	8	PVC	Obstruction	\$ 319
3	24380-10030	323	8	PVC	Joint	\$ 2,019
3	10060-10050	277	8	PVC	Deformed Pipe	\$ 1,731
3	10070-10060	364	8	PVC	Deformed Pipe	\$ 2,275
3	10130-10120	278	8	PVC	Deformed Pipe	\$ 1,738
3	10251-10250	293	8	Clay	Joint	\$ 1,831
3	10270-10180	273	8	PVC	Joint	\$ 1,706
3	24130-24140	477	8	Clay	Joint	\$ 2,981
3	24330-24320	365	8	PVC	Broken Pipe	\$ 2,281
3	24420-24410	359	8	Clay	Joint	\$ 2,244
3	24421-24420	179	8	Clay	Broken Pipe	\$ 1,119
3	24440-24570	230	8	Clay	Joint	\$ 1,438
3	24441-24440	200	8	Iron	Deterioration	\$ 1,250
3	24470-24140	247	8	Clay	Joint	\$ 1,544
3	24480-24470	250	8	Clay	Joint	\$ 1,563
3	24540-24530	270	8	Clay	Crack	\$ 1,688
3	24590-24580	261	8	Clay	Broken Pipe	\$ 1,631
3	24581-24550	257	8	Clay	Broken Pipe	\$ 1,606
3	24580-24581	295	8	Clay	Broken Pipe	\$ 1,844

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
3	24600-24590	190	8	Clay	Broken Pipe	\$ 1,188
3	24610-24600	56	8	Clay	Joint	\$ 350
3	24650-24630	368	8	Clay	Joint	\$ 2,300
3	24641-24640	150	8	Clay	Joint	\$ 938
3	24671-24670	133	8	PVC	Joint	\$ 831
4	13902-13903	47	6	PVC	Joint	\$ 294
4	14530-14520	200	6	Clay	Joint	\$ 1,250
4	14541-14540	300	6	Clay	Joint	\$ 1,875
4	14570-14560	359	8	Clay	Crack	\$ 2,244
4	14490-14570	355	8	Clay	Joint	\$ 2,219
4	15161-15160	125	8	Clay	Crack	\$ 781
4	15162-15160	125	8	Clay	Crack	\$ 781
4	25290-15180	257	8	Clay	Crack	\$ 1,606
4	15192-15190	330	8	Clay	Joint	\$ 2,063
4	15270-15260	184	8	Clay	Crack	\$ 1,150
4	15300-15290	179	8	Clay	Joint	\$ 1,119
4	15490-15310	380	6	Clay	Joint	\$ 2,375
4	16230-16220	197	6	PVC	Broken Pipe	\$ 1,231
4	16231-16230	273	6	Clay	Joint	\$ 1,706
4	16240-25170	179	8	Clay	Joint	\$ 1,119
4	16242-16240	300	6	Clay	Hole	\$ 1,875
4	16320-16350	386	6	Clay	Crack	\$ 2,413
4	16360-20680	362	6	Clay	Joint	\$ 2,263
4	16370-20691	266	6	Clay	Crack	\$ 1,663
4	16380-16370	370	6	Clay	Joint	\$ 2,313
4	16392-16390	150	8	PVC	Joint	\$ 938
4	16426-16424	368	8	PVC	Joint	\$ 2,300
4	16451-16450	242	6	Clay	Joint	\$ 1,513
4	16452-16451	100	6	PVC	Obstruction	\$ 625
4	20680-20670	358	10	PVC	Joint	\$ 2,238
4	20691-20690	65	6	PVC	Joint	\$ 406
4	22730-22720	526	8	PVC	Joint	\$ 3,288
4	23080-23070	195	6	Clay	Broken Pipe	\$ 1,219
4	23081-23080	238	6	Clay	Crack	\$ 1,488
4	23090-23080	171	6	Clay	Crack	\$ 1,069
4	23091-23090	189	6	Clay	Crack	\$ 1,181
4	23092-23090	196	6	Clay	Joint	\$ 1,225
4	23100-23110	53	6	Clay	Crack	\$ 331
4	23130-23150	143	8	PVC	Crack	\$ 894
4	23160-23040	365	8	PVC	Crack	\$ 2,281
4	25251-25240	268	12	PVC	Hole	\$ 1,675
4	25320-15210	197	8	PVC	Joint	\$ 1,231
5	15461-15460	347	6	Clay	Joint	\$ 2,169
5	15462-15461	15	6	Clay	Broken Pipe	\$ 94
5	15463-15462	300	6	Clay	Joint	\$ 1,875
5	16252-16250	360	6	Clay	Joint	\$ 2,250
5	16250-20480	181	8	Clay	Joint	\$ 1,131
5	20490-20610	540	8	Clay	Crack	\$ 3,375
5	20611-20610	150	8	Clay	Crack	\$ 938
5	20641-20640	304	6	Clay	Crack	\$ 1,900
5	20651-20650	150	6	Clay	Broken Pipe	\$ 938
5	20652-20650	298	6	Clay	Joint	\$ 1,863
5	20650-20700	365	8	Clay	Joint	\$ 2,281
5	21830-21851	348	10	Clay	Joint	\$ 2,175
5	21851-21850	368	10	Clay	Joint	\$ 2,300
5	21900-21910	228	10	Clay	Joint	\$ 1,425

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
5	21850-21900	465	10	Clay	Joint	\$ 2,906
5	22740-23020	359	8	Clay	Joint	\$ 2,244
5	22741-22740	337	8	Clay	Joint	\$ 2,106
5	22830-22840	192	10	Clay	Joint	\$ 1,200
5	22961-22960	150	6	Clay	Joint	\$ 938
5	23000-22990	418	8	Clay	Joint	\$ 2,613
5	23001-23000	310	6	Clay	Joint	\$ 1,938
5	23021-23020	328	6	Clay	Crack	\$ 2,050
5	23022-23020	150	8	Clay	Crack	\$ 938
5	23300-23310	358	10	Clay	Broken Pipe	\$ 2,238
5	23340-23330	337	8	Clay	Joint	\$ 2,106
5	23341-23340	448	6	Clay	Joint	\$ 2,800
5	23350-23300	318	10	Clay	Hole	\$ 1,988
5	23730-23350	395	10	Clay	Crack	\$ 2,469
5	23360-23350	332	6	Iron	Joint	\$ 2,075
5	23410-23310	425	6	Clay	Joint	\$ 2,656
5	23390-23410	224	6	Clay	Joint	\$ 1,400
5	23460-23410	634	6	Clay	Joint	\$ 3,963
5	23490-23520	407	15	Clay	Broken Pipe	\$ 3,968
5	23500-23490	171	10	Clay	Crack	\$ 1,069
5	23720-23500	199	10	Clay	Joint	\$ 1,244
5	23710-23720	258	10	Clay	Joint	\$ 1,613
5	23731-23730	150	8	Clay	Joint	\$ 938
5	23810-23730	150	10	Clay	Joint	\$ 938
5	23740-23730	320	6	Clay	Crack	\$ 2,000
5	23760-23750	381	6	Clay	Broken Pipe	\$ 2,381
5	23761-23760	189	6	Clay	Broken Pipe	\$ 1,181
5	23780-23790	360	10	Clay	Crack	\$ 2,250
5	23790-23800	170	10	Clay	Crack	\$ 1,063
5	23800-23810	319	10	Clay	Broken Pipe	\$ 1,994
6	22270-22280	10	21	PVC	Obstruction	\$ 98
6	22301-22300	35	15	Clay	Joint	\$ 341
6	22280-22301	159	15	Clay	Joint	\$ 1,550
6	22581-22580	200	6	Clay	Joint	\$ 1,250
6	23900-23870	334	15	Clay	Joint	\$ 3,257
6	23910-23900	430	8	Clay	Joint	\$ 2,688
6	22300-23940	368	15	Clay	Crack	\$ 3,588
7	22190-22160	254	18	Iron	Deterioration	\$ 2,477
7	22220-22240	331	18	Iron	Deterioration	\$ 3,227
7	22160-22220	330	18	Iron	Deterioration	\$ 3,218
7	22320-22310	199	18	Clay	Crack	\$ 1,940
7	22340-22330	27	15	Clay	Joint	\$ 263
7	22350-22330	61	12	Iron	Deterioration	\$ 381
7	22360-22350	155	18	Iron	Deterioration	\$ 1,511
7	24740-22650	305	15	Clay	Joint	\$ 2,974
7	24850-22660	374	15	Clay	Broken Pipe	\$ 3,647
7	23862-23860	195	6	Clay	Joint	\$ 1,219
7	24050-24060	93	8	Concrete	Deterioration	\$ 581
7	22660-24740	247	15	Clay	Deterioration	\$ 2,408
8	13380-13370	193	8	PVC	Joint	\$ 1,206
8	13430-13420	213	8	PVC	Joint	\$ 1,331
8	13450-13460	299	8	Clay	Joint	\$ 1,869
8	14670-14690	191	8	Clay	Crack	\$ 1,194
8	14680-14670	276	8	Clay	Joint	\$ 1,725
8	14681-14680	247	8	Clay	Joint	\$ 1,544
8	14730-14700	190	6	Iron	Deterioration	\$ 1,188

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
8	14700-14710	36	6	Iron	Deterioration	\$ 225
8	24370-14721	293	6	Clay	Obstruction	\$ 1,831
8	14720-14721	102	6	Clay	Joint	\$ 638
8	14790-14780	199	8	Clay	Joint	\$ 1,244
8	13370-18790	318	8	PVC	Joint	\$ 1,988
8	18881-18880	100	8	PVC	Joint	\$ 625
8	18920-18940	277	8	PVC	Joint	\$ 1,731
8	19020-19130	161	8	PVC	Joint	\$ 1,006
8	19070-19080	154	8	Iron	Deterioration	\$ 963
8	19150-19160	411	8	Iron	Deterioration	\$ 2,569
8	19160-19170	327	8	PVC	Joint	\$ 2,044
8	14780-19200	187	8	Clay	Deterioration	\$ 1,169
8	14721-19210	394	6	Clay	Deterioration	\$ 2,463
8	19210-19211	82	8	PVC	Deterioration	\$ 513
8	19211-19220	138	8	PVC	Deterioration	\$ 863
8	19220-19221	117	8	Iron	Deterioration	\$ 731
8	19280-19361	767	6	Clay	Joint	\$ 4,794
9	15431-15430	269	6	Clay	Joint	\$ 1,681
9	15432-15431	108	8	Iron	Deterioration	\$ 675
9	15441-15440	350	6	Clay	Joint	\$ 2,188
9	19611-19770	529	6	Clay	Joint	\$ 3,306
9	19780-19770	221	6	Clay	Joint	\$ 1,381
9	19781-19780	300	6	Clay	Crack	\$ 1,875
9	19791-19790	450	8	Clay	Joint	\$ 2,813
9	15440-19790	349	8	Clay	Joint	\$ 2,181
9	19793-19792	177	8	Clay	Crack	\$ 1,106
9	19790-19793	284	8	Clay	Crack	\$ 1,775
9	19831-19830	324	8	Clay	Broken Pipe	\$ 2,025
9	19832-19831	350	8	Clay	Joint	\$ 2,188
9	19850-19860	89	8	Clay	Joint	\$ 556
9	19870-19860	312	6	Clay	Joint	\$ 1,950
9	20510-20520	363	6	Clay	Joint	\$ 2,269
9	20511-20510	294	6	Clay	Broken Pipe	\$ 1,838
9	20540-20550	187	6	PVC	Joint	\$ 1,169
9	20560-20790	324	8	Clay	Crack	\$ 2,025
9	20580-20570	362	8	Clay	Broken Pipe	\$ 2,263
9	20720-20730	191	8	Clay	Joint	\$ 1,194
9	20710-20720	298	6	Clay	Crack	\$ 1,863
9	20750-20760	179	8	Clay	Crack	\$ 1,119
9	20730-20750	202	8	Clay	Crack	\$ 1,263
9	20770-20800	194	8	Clay	Joint	\$ 1,213
9	20760-20770	179	8	Clay	Joint	\$ 1,119
9	20790-20750	391	8	Clay	Crack	\$ 2,444
9	20810-20800	213	10	Clay	Crack	\$ 1,331
9	20811-20810	330	8	Clay	Joint	\$ 2,063
9	20840-20820	232	8	Clay	Crack	\$ 1,450
9	21020-20830	183	10	Clay	Crack	\$ 1,144
9	20860-20850	355	8	Clay	Crack	\$ 2,219
9	20920-20910	290	6	Iron	Deterioration	\$ 1,813
9	20930-20920	180	6	Iron	Deterioration	\$ 1,125
9	20970-20940	266	6	Clay	Joint	\$ 1,663
9	20980-20970	59	6	Clay	Broken Pipe	\$ 369
9	20990-20960	303	8	Clay	Crack	\$ 1,894
9	20960-21000	420	8	Clay	Crack	\$ 2,625
9	21000-21010	379	8	Clay	Broken Pipe	\$ 2,369
9	21010-21020	518	8	Clay	Joint	\$ 3,238

Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
9	22810-22800	218	10	Clay	Joint	\$ 1,363
9	22820-22810	533	10	Clay	Joint	\$ 3,331
9	22861-22860	185	8	Clay	Joint	\$ 1,156
9	22863-22861	174	8	Clay	Joint	\$ 1,088
9	22862-22870	181	8	Clay	Joint	\$ 1,131
9	22870-22900	357	8	Iron	Deterioration	\$ 2,231
9	22900-22880	535	8	Clay	Joint	\$ 3,344
9	22920-22910	287	8	Clay	Crack	\$ 1,794
9	22930-22940	306	10	Clay	Crack	\$ 1,913
9	22880-22930	365	10	Clay	Crack	\$ 2,281
9	22890-22930	424	8	Clay	Joint	\$ 2,650
9	22950-22940	461	10	Clay	Joint	\$ 2,881
9	22910-22950	355	10	Clay	Joint	\$ 2,219
9	22951-22950	300	8	Clay	Joint	\$ 1,875
10	21080-21140	171	6	Clay	Broken Pipe	\$ 1,069
10	21110-21120	102	8	Clay	Broken Pipe	\$ 638
10	21130-21800	14	8	Clay	Hole	\$ 88
10	21790-21130	192	6	Iron	Deterioration	\$ 1,200
10	21140-21130	456	6	Iron	Deterioration	\$ 2,850
10	21120-21130	81	8	Clay	Deterioration	\$ 506
10	21150-21140	179	6	Clay	Joint	\$ 1,119
10	21151-21150	350	6	PVC	Joint	\$ 2,188
10	21611-21610	400	10	Clay	Joint	\$ 2,500
10	21620-22430	360	12	Clay	Broken Pipe	\$ 2,250
10	21610-21620	40	10	Clay	Broken Pipe	\$ 250
10	21792-22530	614	8	Clay	Joint	\$ 3,838
10	21793-21792	100	6	Clay	Crack	\$ 625
10	21794-21792	450	6	Clay	Joint	\$ 2,813
10	21795-21792	67	8	Clay	Crack	\$ 419
10	21820-21810	256	6	Clay	Crack	\$ 1,600
10	21841-21840	248	8	Clay	Joint	\$ 1,550
10	21842-21840	96	6	Clay	Collapse	\$ 600
10	21860-21870	176	8	Clay	Joint	\$ 1,100
10	21861-21860	157	6	Clay	Crack	\$ 981
10	21840-21860	138	8	Clay	Crack	\$ 863
10	21870-21880	182	8	Clay	Broken Pipe	\$ 1,138
10	21871-21870	175	6	Clay	Joint	\$ 1,094
10	21890-21880	171	6	Clay	Joint	\$ 1,069
10	21891-21890	670	6	Clay	Joint	\$ 4,188
10	21950-21940	182	8	Clay	Joint	\$ 1,138
10	21970-21971	272	8	Clay	Crack	\$ 1,700
10	22000-22060	260	8	Clay	Broken Pipe	\$ 1,625
10	21980-22000	495	8	Clay	Joint	\$ 3,094
10	21971-22001	459	8	Clay	Broken Pipe	\$ 2,869
10	22010-22020	124	8	Clay	Joint	\$ 775
10	22041-22050	305	8	Clay	Joint	\$ 1,906
10	22370-22070	84	10	Clay	Joint	\$ 525
10	22070-22080	181	10	Clay	Deterioration	\$ 1,131
10	22380-22370	375	8	Clay	Crack	\$ 2,344
10	22400-22380	293	6	Clay	Crack	\$ 1,831
10	22381-22380	154	6	Clay	Joint	\$ 963
10	22420-22460	370	10	Clay	Crack	\$ 2,313
10	22430-22420	177	10	Clay	Broken Pipe	\$ 1,106
10	22450-22440	556	8	Clay	Joint	\$ 3,475
10	22460-22370	406	10	Clay	Crack	\$ 2,538
10	22471-22470	150	8	Clay	Joint	\$ 938

Sanitary Sewer Condition Assessment - Durant, OK

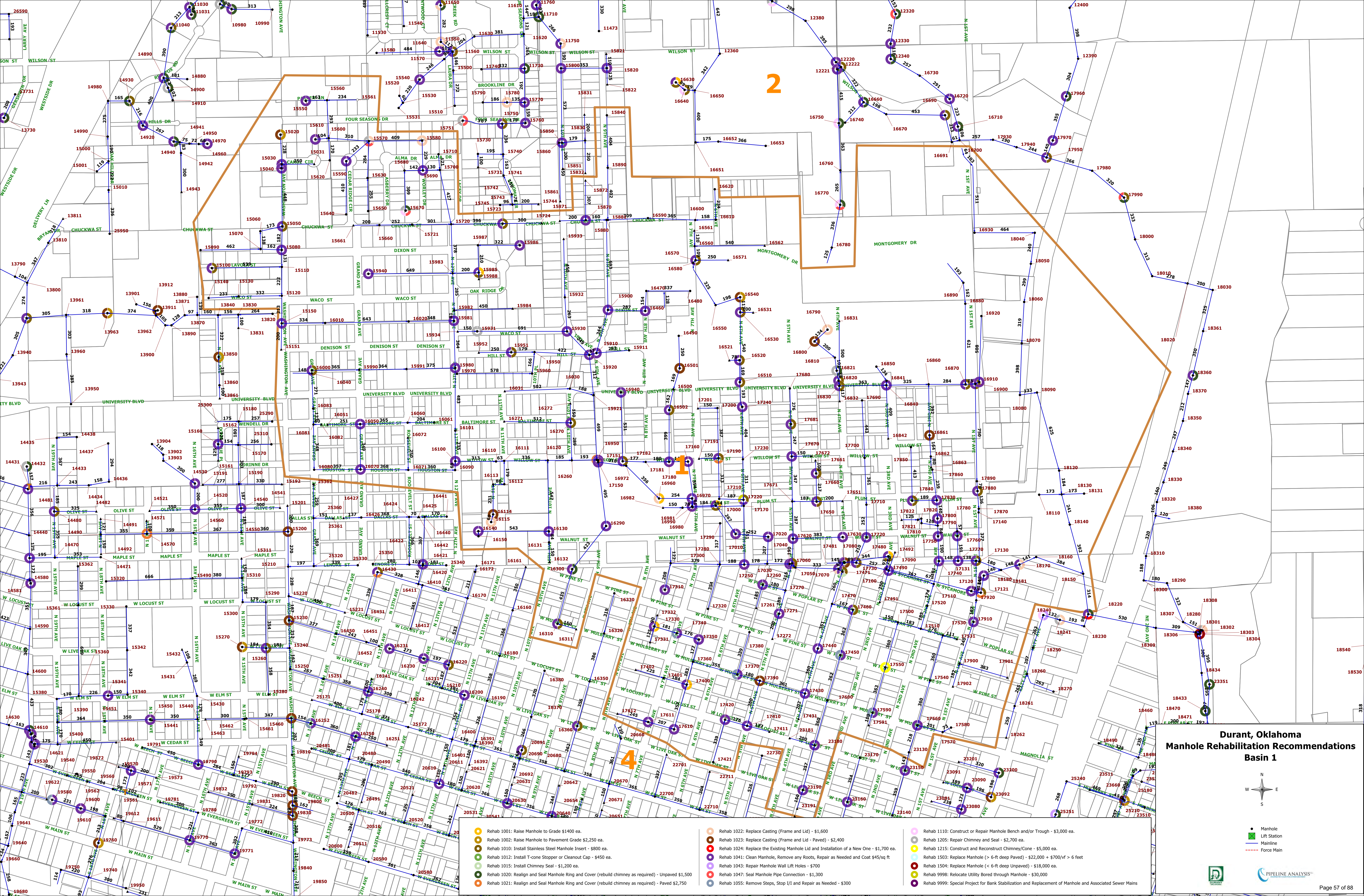
Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
10	22480-22470	20	8	Clay	Joint	\$ 125
10	22490-22480	170	8	Clay	Joint	\$ 1,063
10	22500-22490	171	8	Clay	Joint	\$ 1,069
10	22501-22500	276	6	Clay	Joint	\$ 1,725
10	22530-22510	312	8	Clay	Broken Pipe	\$ 1,950
10	22541-22540	268	8	Clay	Crack	\$ 1,675
10	21800-22541	406	8	Clay	Joint	\$ 2,538
10	22540-22550	115	8	Clay	Crack	\$ 719
11	14440-14460	175	8	PVC	Crack	\$ 1,094
11	14460-14580	172	8	Clay	Crack	\$ 1,075
11	14480-14470	355	8	PVC	Joint	\$ 2,219
11	14482-14480	325	6	Clay	Joint	\$ 2,031
11	14581-14590	351	8	PVC	Joint	\$ 2,194
11	14591-14590	423	6	Clay	Joint	\$ 2,644
11	14592-14591	400	6	Clay	Joint	\$ 2,500
11	14661-14660	350	8	Clay	Crack	\$ 2,188
11	14820-14830	110	6	Clay	Joint	\$ 688
11	14840-14830	351	8	Clay	Joint	\$ 2,194
11	14842-14840	179	6	Clay	Joint	\$ 1,119
11	14844-14842	300	6	Clay	Joint	\$ 1,875
11	14870-14860	236	6	PVC	Crack	\$ 1,475
11	14872-14870	216	6	Clay	Crack	\$ 1,350
11	15342-15340	342	8	PVC	Broken Pipe	\$ 2,138
11	15362-15361	299	8	Clay	Crack	\$ 1,869
11	15400-15410	175	8	Clay	Crack	\$ 1,094
11	15390-15400	170	8	Clay	Crack	\$ 1,063
11	15401-15400	450	6	Clay	Joint	\$ 2,813
11	15450-15451	350	6	Clay	Joint	\$ 2,188
11	19380-20460	262	8	Clay	Joint	\$ 1,638
11	19570-19571	173	8	Clay	Joint	\$ 1,081
11	19600-19610	198	6	Clay	Joint	\$ 1,238
11	19580-19600	231	6	Clay	Joint	\$ 1,444
11	19621-19620	753	6	PVC	Joint	\$ 4,706
11	19700-19690	125	8	Iron	Deterioration	\$ 781
11	19721-19940	372	8	Clay	Crack	\$ 2,325
11	19991-19990	300	6	Clay	Joint	\$ 1,875
11	19960-19990	345	8	Clay	Joint	\$ 2,156
11	19992-19990	190	6	Clay	Crack	\$ 1,188
11	20001-20000	161	6	Clay	Joint	\$ 1,006
11	20020-20010	13	6	Clay	Joint	\$ 81
11	20030-20020	288	6	Clay	Crack	\$ 1,800
11	20050-20110	391	8	Clay	Crack	\$ 2,444
11	19990-20050	661	8	Clay	Crack	\$ 4,131
11	20060-20110	242	6	Clay	Crack	\$ 1,513
11	20061-20060	103	6	Clay	Joint	\$ 644
11	20062-20060	338	6	Clay	Joint	\$ 2,113
11	20110-20390	218	10	Clay	Crack	\$ 1,363
11	20321-20320	200	8	Clay	Joint	\$ 1,250
11	20341-20330	190	8	PVC	Joint	\$ 1,188
11	20344-20340	138	8	PVC	Deterioration	\$ 863
11	20390-20380	422	8	Clay	Crack	\$ 2,638
11	20431-20360	757	8	Clay	Joint	\$ 4,731
11	20460-20440	10	6	Iron	Deterioration	\$ 63
11	20461-20460	139	6	PVC	Joint	\$ 869
11	20462-20461	167	8	Clay	Crack	\$ 1,044
11	21040-21050	333	6	Clay	Crack	\$ 2,081

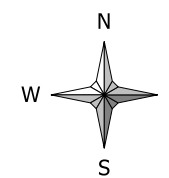
Sanitary Sewer Condition Assessment - Durant, OK

Appendix C - Cleaning & CCTV

Basin	Pipe ID	Pipe Length (Feet)	Pipe Size (inches)	Pipe Material	Defect Type	Estimated Cost
11	21070-21060	521	6	Clay	Joint	\$ 3,256
11	21091-21160	448	6	Clay	Broken Pipe	\$ 2,800
11	21100-21090	378	6	Clay	Broken Pipe	\$ 2,363
11	21210-21100	183	8	Clay	Broken Pipe	\$ 1,144
11	20080-21100	563	8	Iron	Broken Pipe	\$ 3,519
11	21060-21160	350	8	Clay	Joint	\$ 2,188
11	21300-21290	190	8	Clay	Crack	\$ 1,188
11	21301-21300	351	8	Clay	Broken Pipe	\$ 2,194
11	21400-21410	602	18	Clay	Deterioration	\$ 5,870
11	21431-21430	7	12	Clay	Broken Pipe	\$ 44
11	21480-21440	172	8	Clay	Joint	\$ 1,075
11	21450-21431	160	12	Clay	Crack	\$ 1,000
11	21490-21480	459	8	Clay	Crack	\$ 2,869
11	21500-21490	329	8	Clay	Crack	\$ 2,056
11	21510-21500	363	8	Clay	Crack	\$ 2,269
11	21550-21530	449	8	Clay	Broken Pipe	\$ 2,806
11	21560-21550	237	8	Clay	Joint	\$ 1,481
11	21570-21590	179	8	Clay	Crack	\$ 1,119
11	21571-21570	100	8	Iron	Deterioration	\$ 625
11	21590-21580	7	10	Clay	Crack	\$ 44
11	21650-21640	451	10	Clay	Joint	\$ 2,819
11	21660-21650	453	10	Clay	Broken Pipe	\$ 2,831
11	21720-21660	422	10	Clay	Joint	\$ 2,638
11	21670-21540	445	8	PVC	Joint	\$ 2,781
11	21681-21680	203	8	Clay	Broken Pipe	\$ 1,269
11	21710-21720	215	8	Clay	Joint	\$ 1,344
11	21160-21720	661	8	Clay	Joint	\$ 4,131
11	21740-21730	300	8	Clay	Joint	\$ 1,875
11	21740-21750	221	6	Clay	Hole	\$ 1,381
11	21730-21740	13	8	Clay	Joint	\$ 81
11	21741-21740	467	6	Clay	Broken Pipe	\$ 2,919
11	21730-21760	325	8	Clay	Joint	\$ 2,031
11	21770-21780	9	6	Clay	Crack	\$ 56
11	21780-21640	414	8	Clay	Broken Pipe	\$ 2,588
12	24691-24690	61	12	Clay	Joint	\$ 381
12	24700-24690	197	8	PVC	Joint	\$ 1,231
12	24730-24960	285	12	Clay	Joint	\$ 1,781
12	24710-24730	283	12	Clay	Joint	\$ 1,769
12	24940-24880	372	12	Clay	Joint	\$ 2,325
12	24910-24880	470	8	Clay	Broken Pipe	\$ 2,938
12	24890-24900	383	15	Clay	Joint	\$ 3,734
12	24880-24890	317	15	Clay	Joint	\$ 3,091
12	24930-24920	221	8	Clay	Broken Pipe	\$ 1,381
12	24931-24930	200	8	Clay	Broken Pipe	\$ 1,250
12	24970-24680	493	12	Clay	Joint	\$ 3,081
12	25010-25020	260	12	Clay	Crack	\$ 1,625
12	25020-25030	371	12	Clay	Joint	\$ 2,319
12	25040-25080	272	12	Clay	Joint	\$ 1,700
12	25030-25040	376	12	Clay	Joint	\$ 2,350
12	25090-25010	420	12	Clay	Joint	\$ 2,625
12	25000-25090	431	12	Clay	Joint	\$ 2,694
12	25101-25100	301	12	Clay	Crack	\$ 1,881
12	25110-25101	95	12	Clay	Broken Pipe	\$ 594
12	25120-25110	249	12	Clay	Joint	\$ 1,556
12	25125-25120	314	8	PVC	Joint	\$ 1,963
13	10010-LS	14	8	Iron	Deterioration	\$ 88

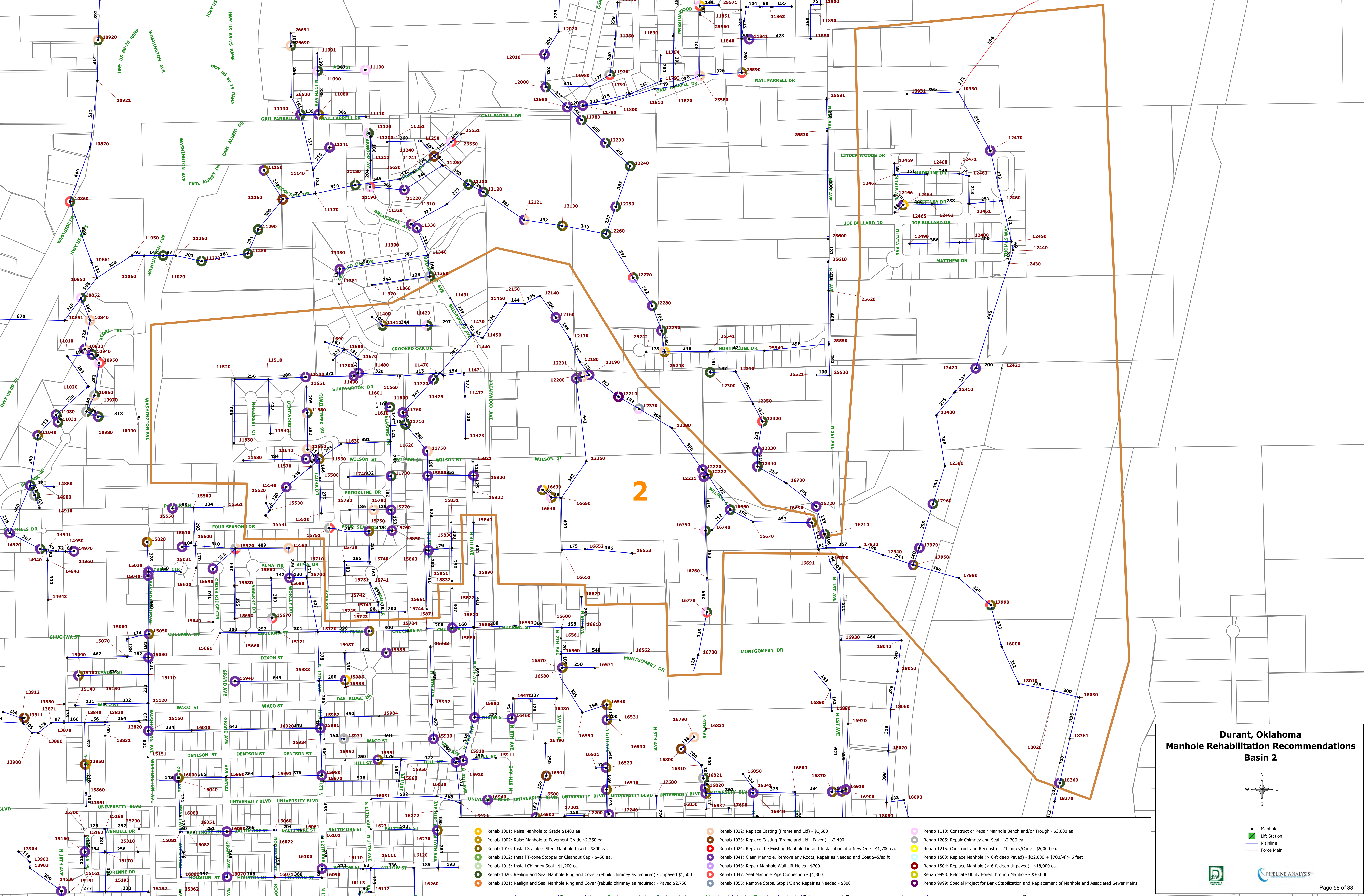


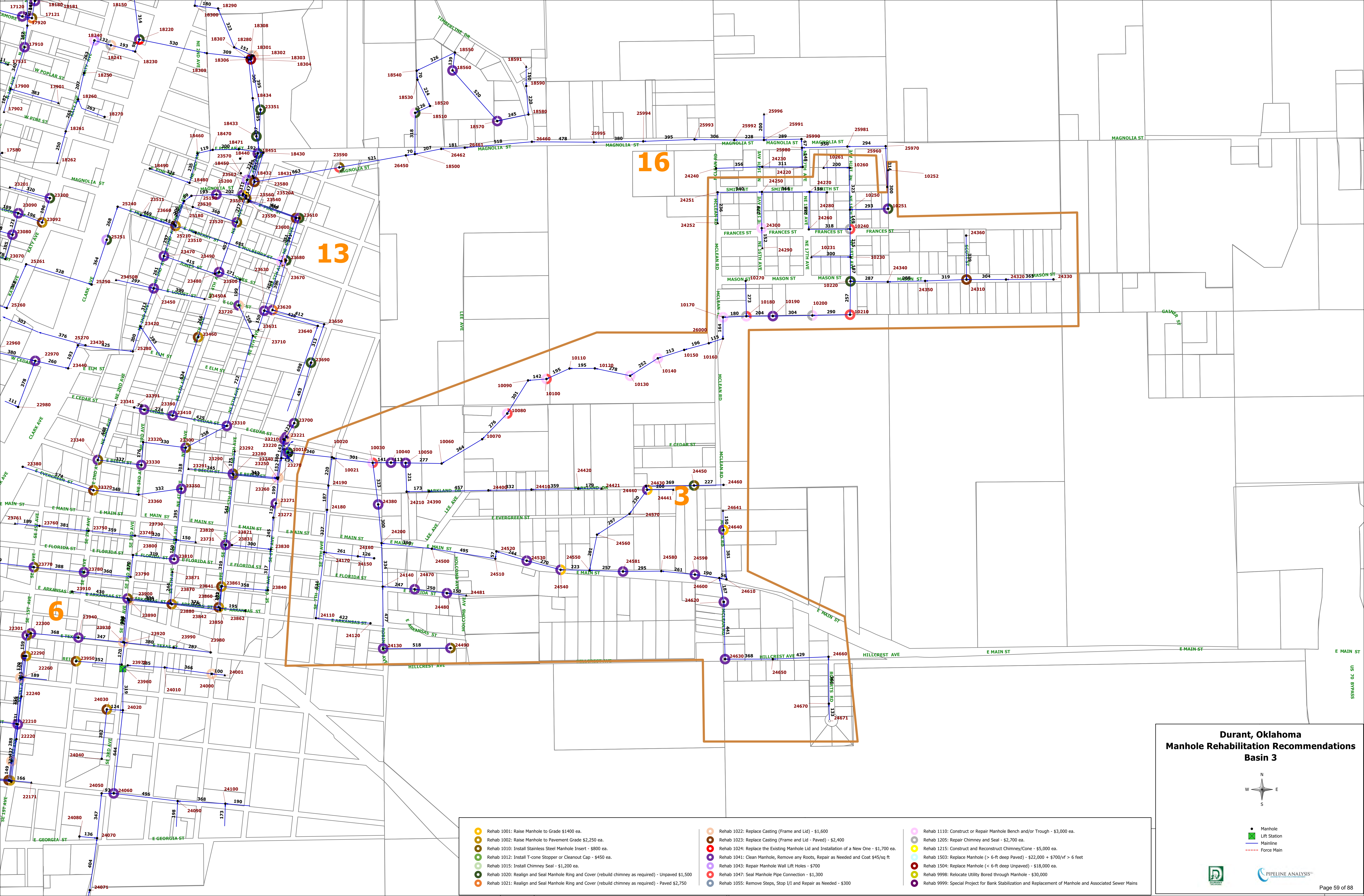
Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 1



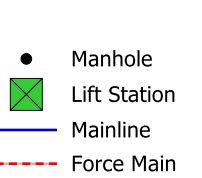
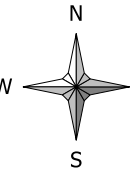
- Rehab 1001: Raise Manhole to Grade \$1,400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1015: Install Chimney Seal - \$1,200 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop L/I and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vt > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains

- Manhole
- Lift Station
- Mainline
- Force Main

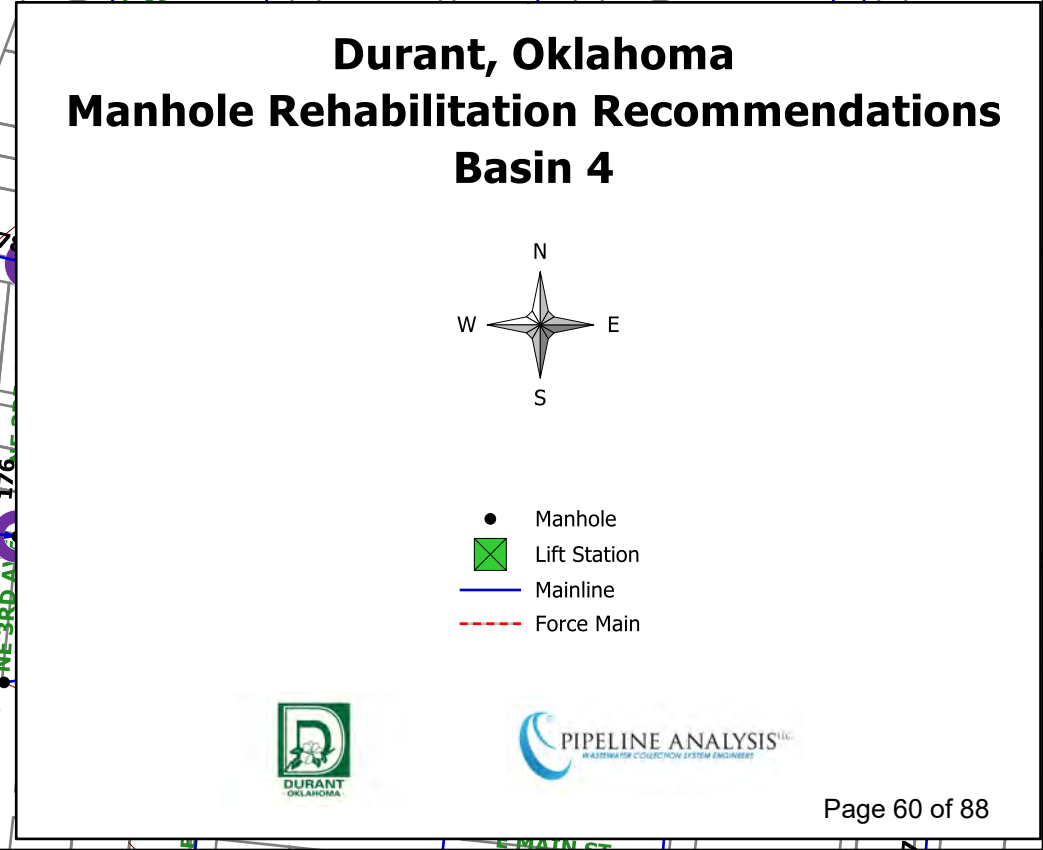


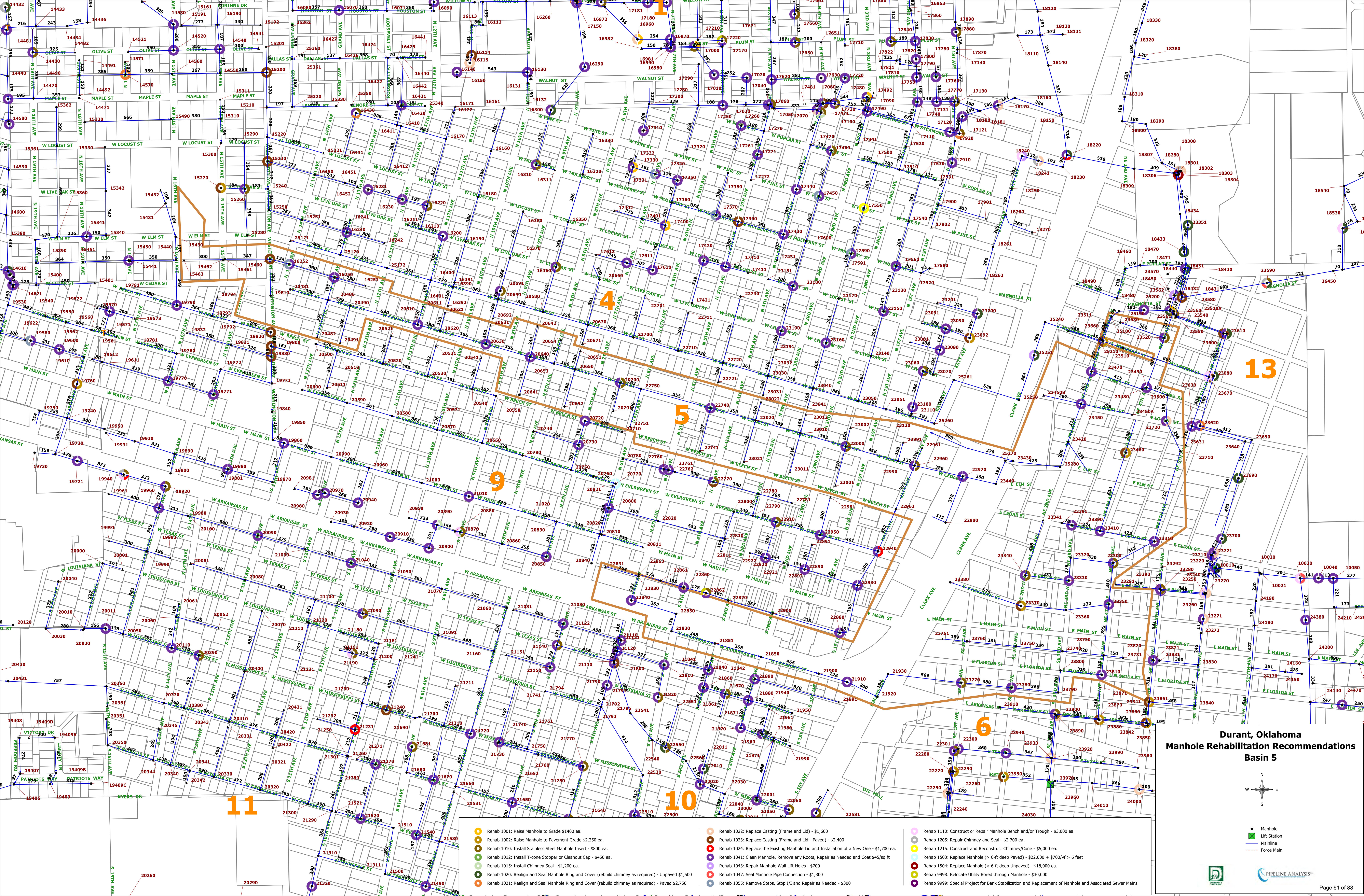


Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 3



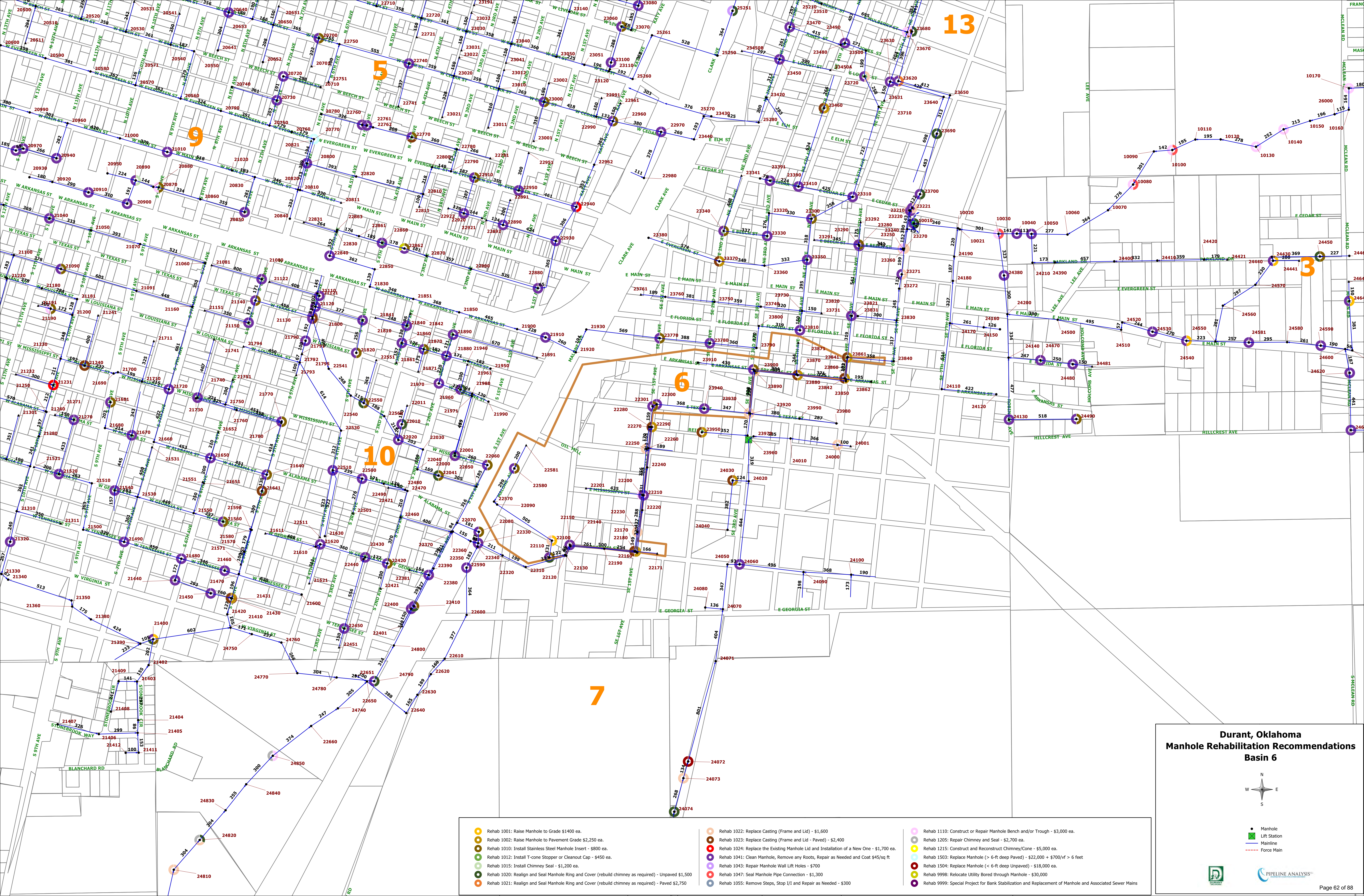
- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop 1/1 and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains





Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 5

- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1013: Install Chimney Seal - \$1,200 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop L/I and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains



Durant, Oklahoma

Manhole Rehabilitation Recommendations

Basin 6

N

W

E

S

Manhole

Lift Station

Mainline

Force Main

Rehab 1001: Raise Manhole to Grade \$1400 ea.

Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.

Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.

Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.

Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500

Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750

Rehab 1022: Replace Casting (Frame and Lid) - \$1,600

Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400

Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.

Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft

Rehab 1043: Repair Manhole Wall Lift Holes - \$700

Rehab 1047: Seal Manhole Pipe Connection - \$1,300

Rehab 1055: Remove Steps, Stop L/I and Repair as Needed - \$300

Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.

Rehab 1205: Repair Chimney and Seal - \$2,700 ea.

Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.

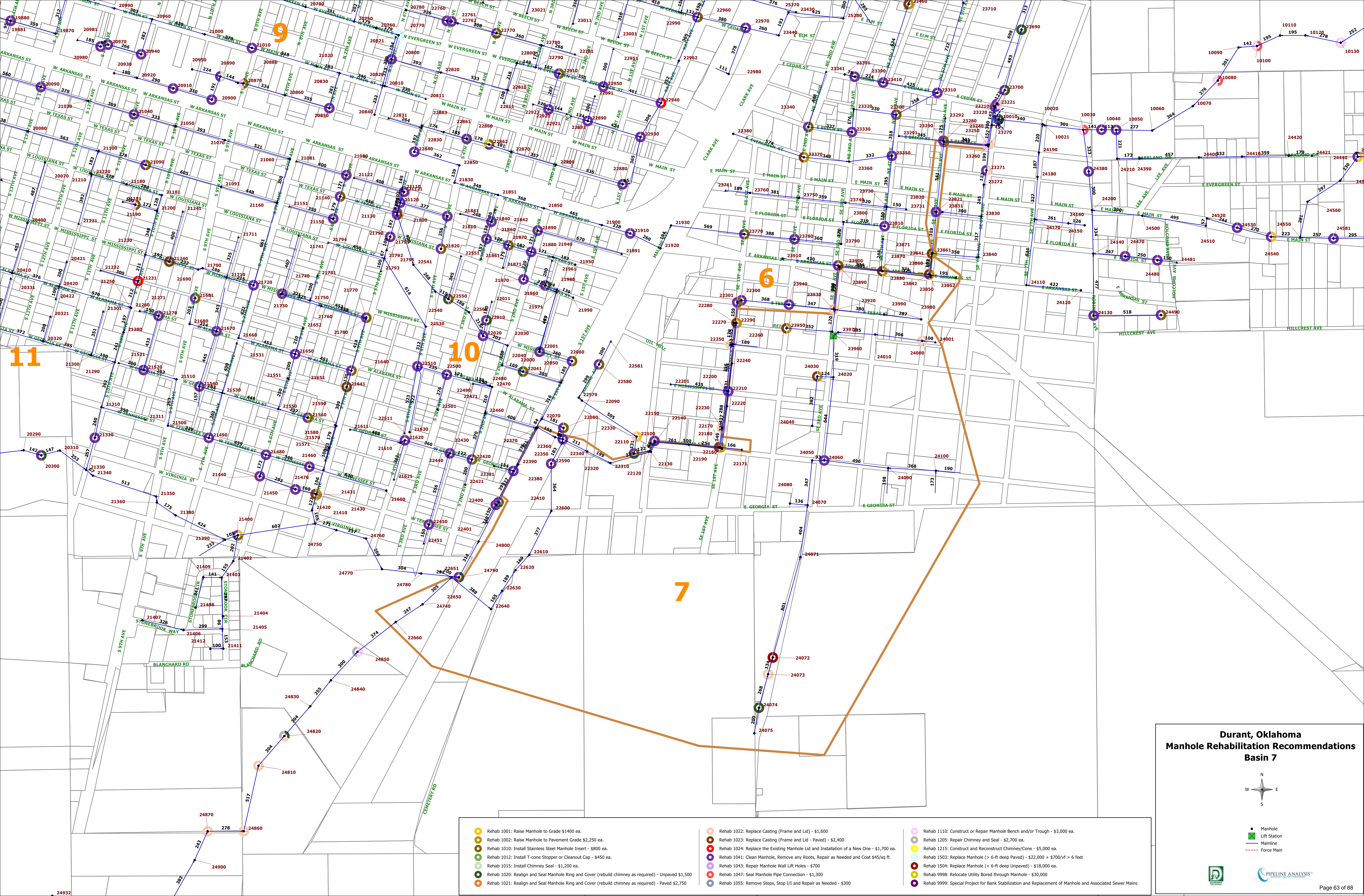
Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet

Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.

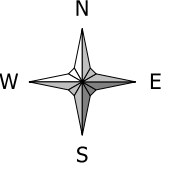
Rehab 9998: Relocate Utility Bored through Manhole - \$30,000

Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains

Page 62 of 88



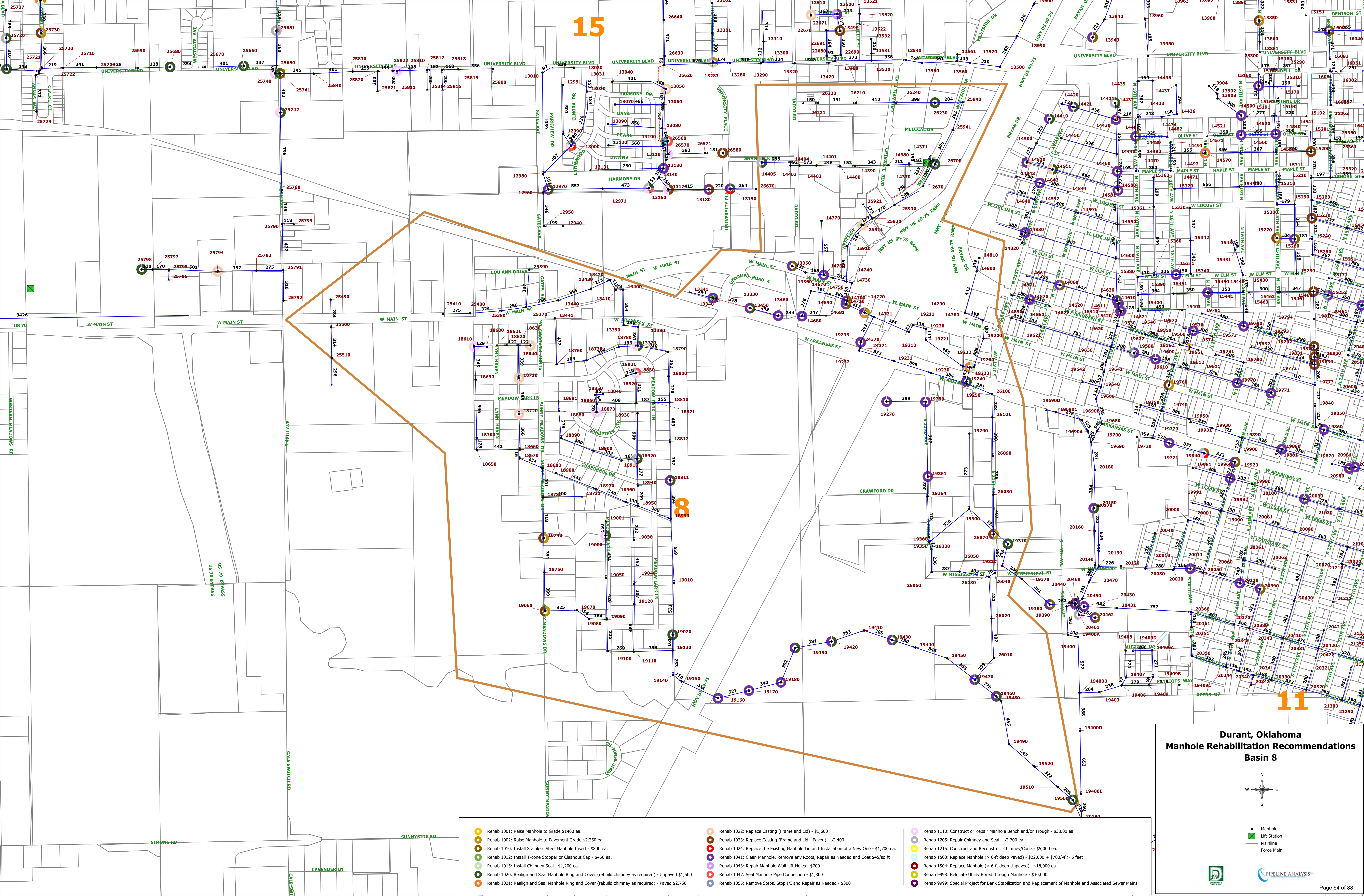
Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 7

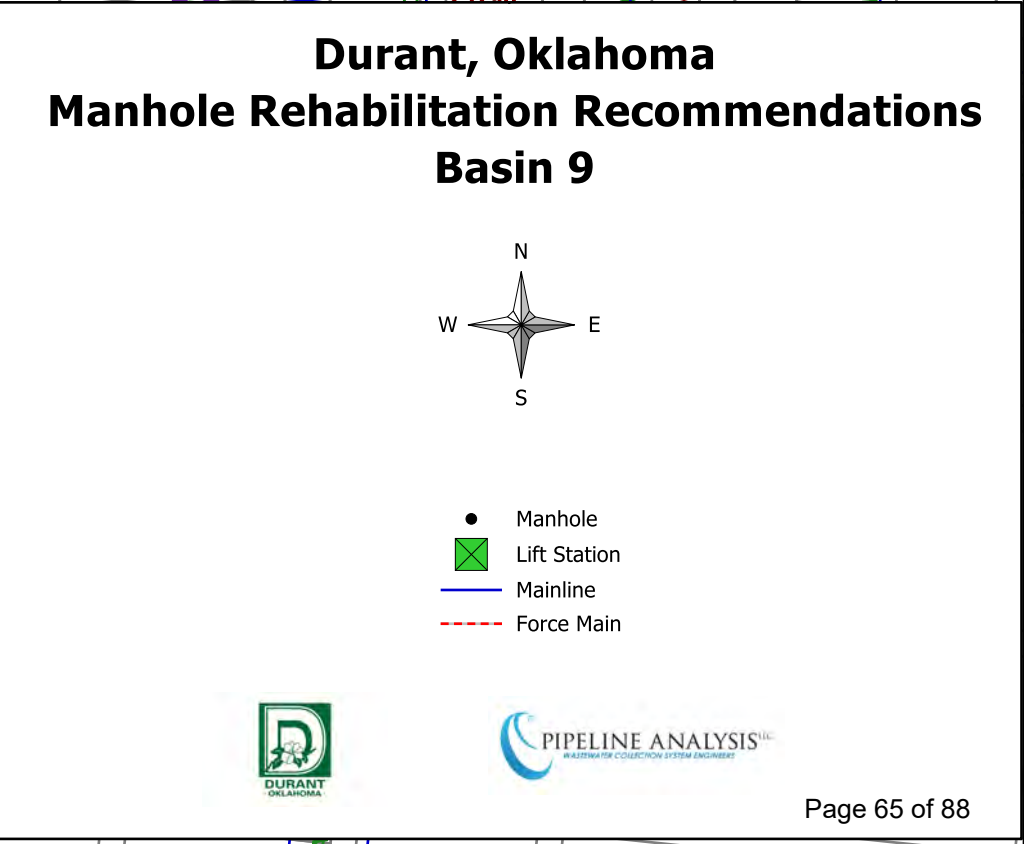


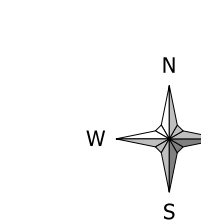
- Manhole
- Lift Station
- Mainline
- Force Main

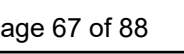
- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop L/I and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains

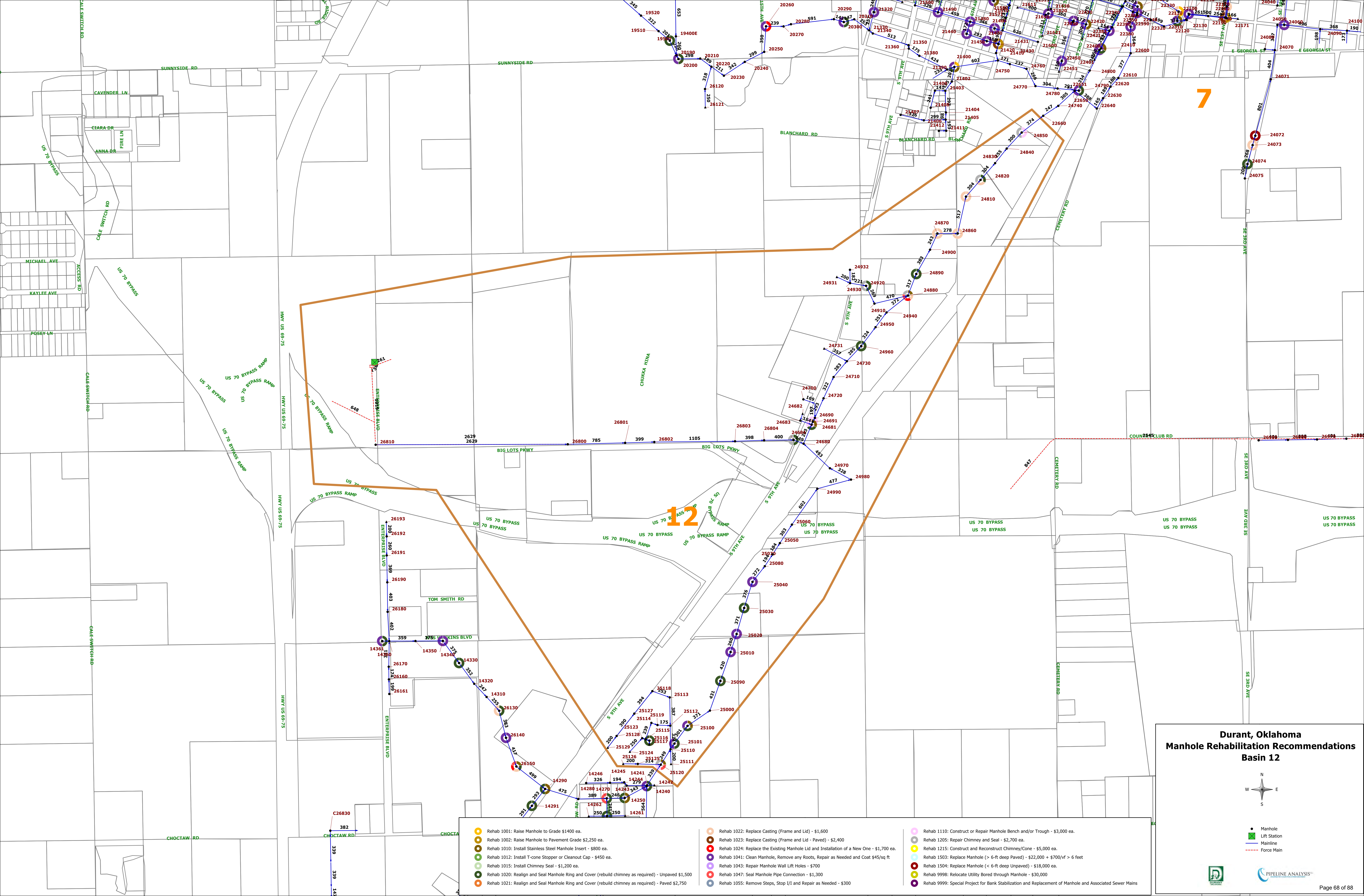




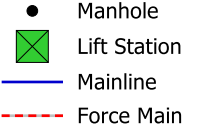
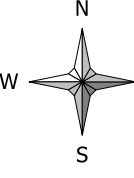




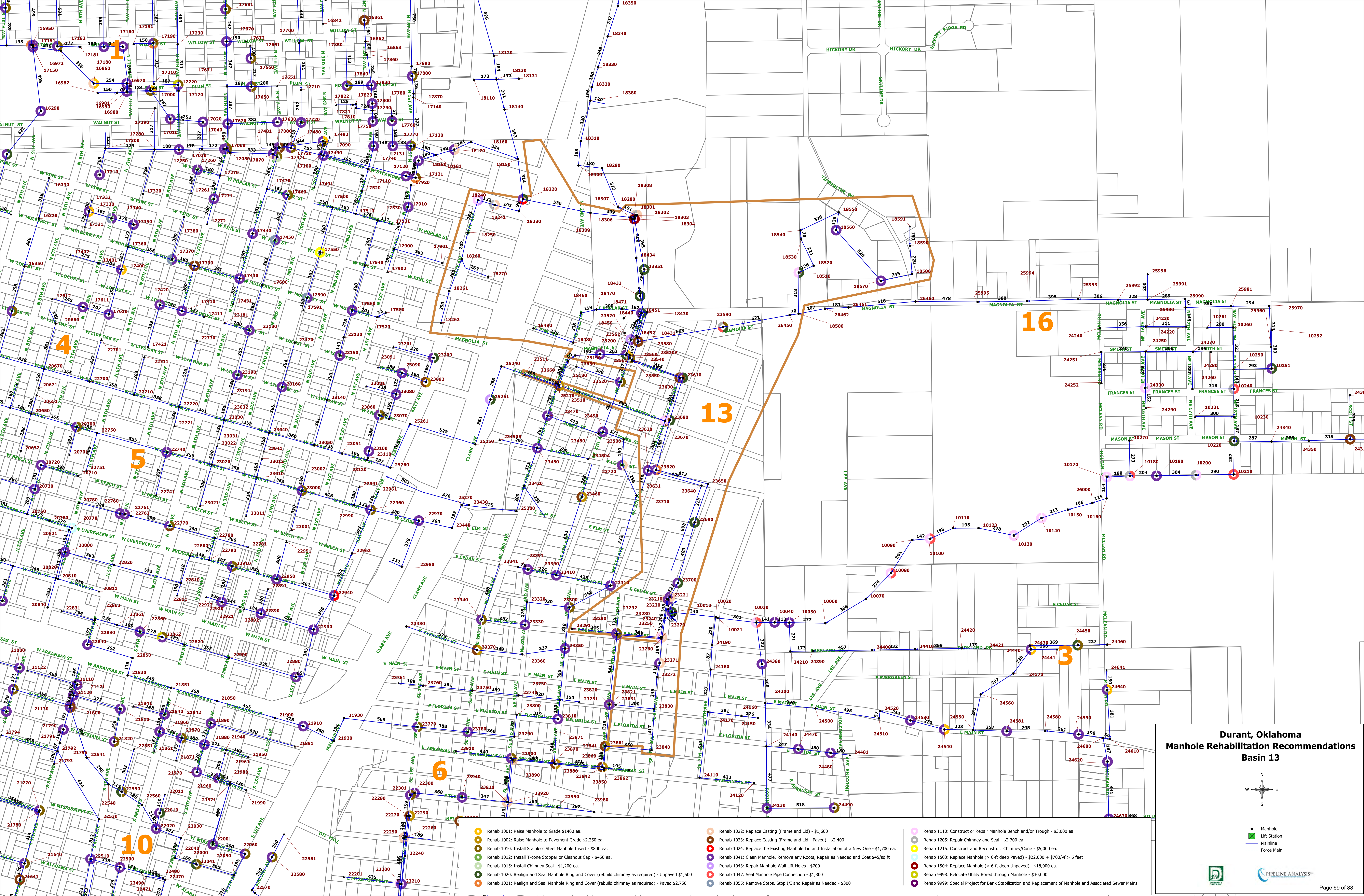




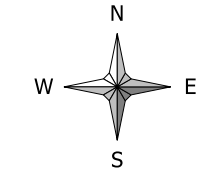
Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 12



- | | | |
|--|--|--|
| <ul style="list-style-type: none">Rehab 1001: Raise Manhole to Grade \$1400 ea.Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.Rehab 1015: Install Chimney Seal - \$1,200 ea.Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750 | <ul style="list-style-type: none">Rehab 1022: Replace Casting (Frame and Lid) - \$1,600Rehab 1023: Replace Casting (Frame and Lid) - Paved - \$2,400Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ftRehab 1043: Repair Manhole Wall Lift Holes - \$700Rehab 1047: Seal Manhole Pipe Connection - \$1,300Rehab 1055: Remove Steps, Stop L/I and Repair as Needed - \$300 | <ul style="list-style-type: none">Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.Rehab 1205: Repair Chimney and Seal - \$2,700 ea.Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feetRehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.Rehab 9998: Relocate Utility Bored through Manhole - \$30,000Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains |
|--|--|--|

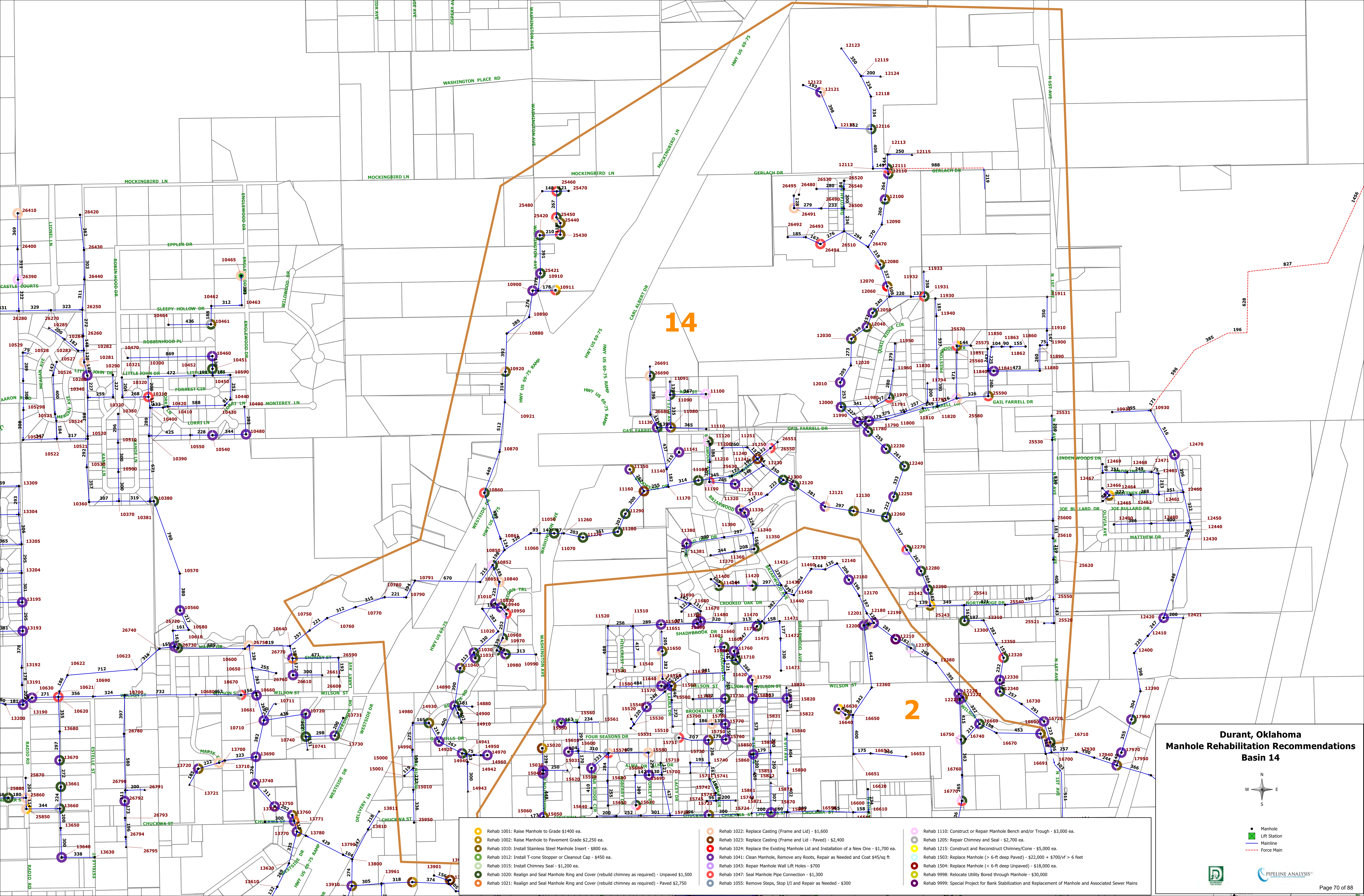


Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 13

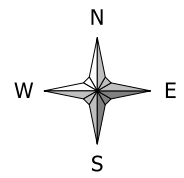


- Manhole
- Lift Station
- Mainline
- Force Main

- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1015: Install Chimney Seal - \$1,200 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid) - Paved - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop L/I and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains



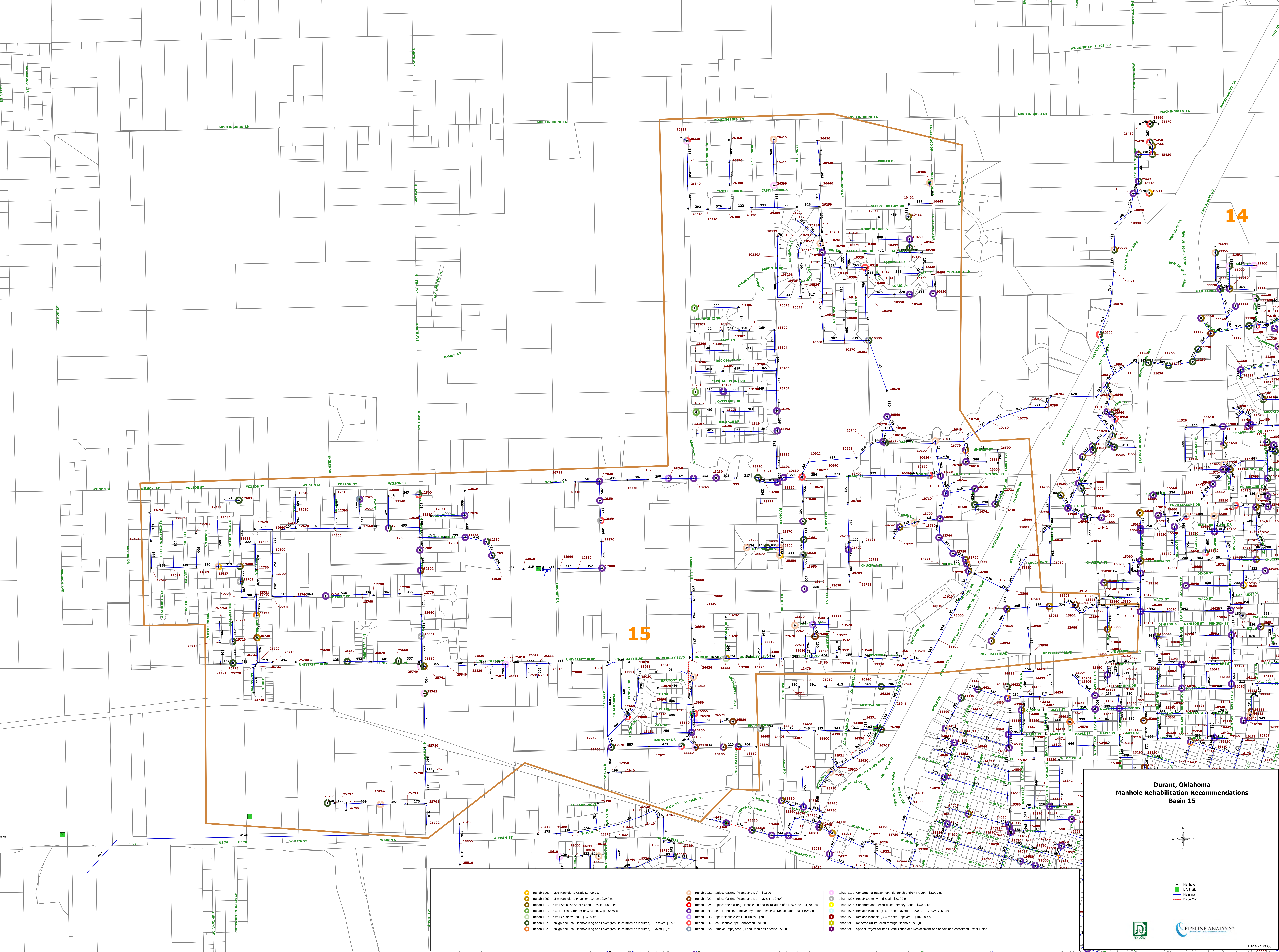
Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 14



- Manhole
- Lift Station
- Mainline
- Force Main

- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1015: Install Chimney Seal - \$1,200 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop 1/1 and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains





- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Churnout Cap - \$450 ea.
- Rehab 1015: Install Chimney Seal - \$1,200 ea.
- Rehab 1016: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/eq ft
- Rehab 1050: Repair Manhole Wall Lin Hoies - \$700
- Rehab 1055: Seal Manhole Plug Connection - \$1,300
- Rehab 1055: Remove Steps, Step Up and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1303: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/ft > 6 feet
- Rehab 1304: Replace Manhole (< 6-ft deep Unpaved) - \$10,000 ea.
- Rehab 9998: Relocate Utility Bored Through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains

**Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 15**

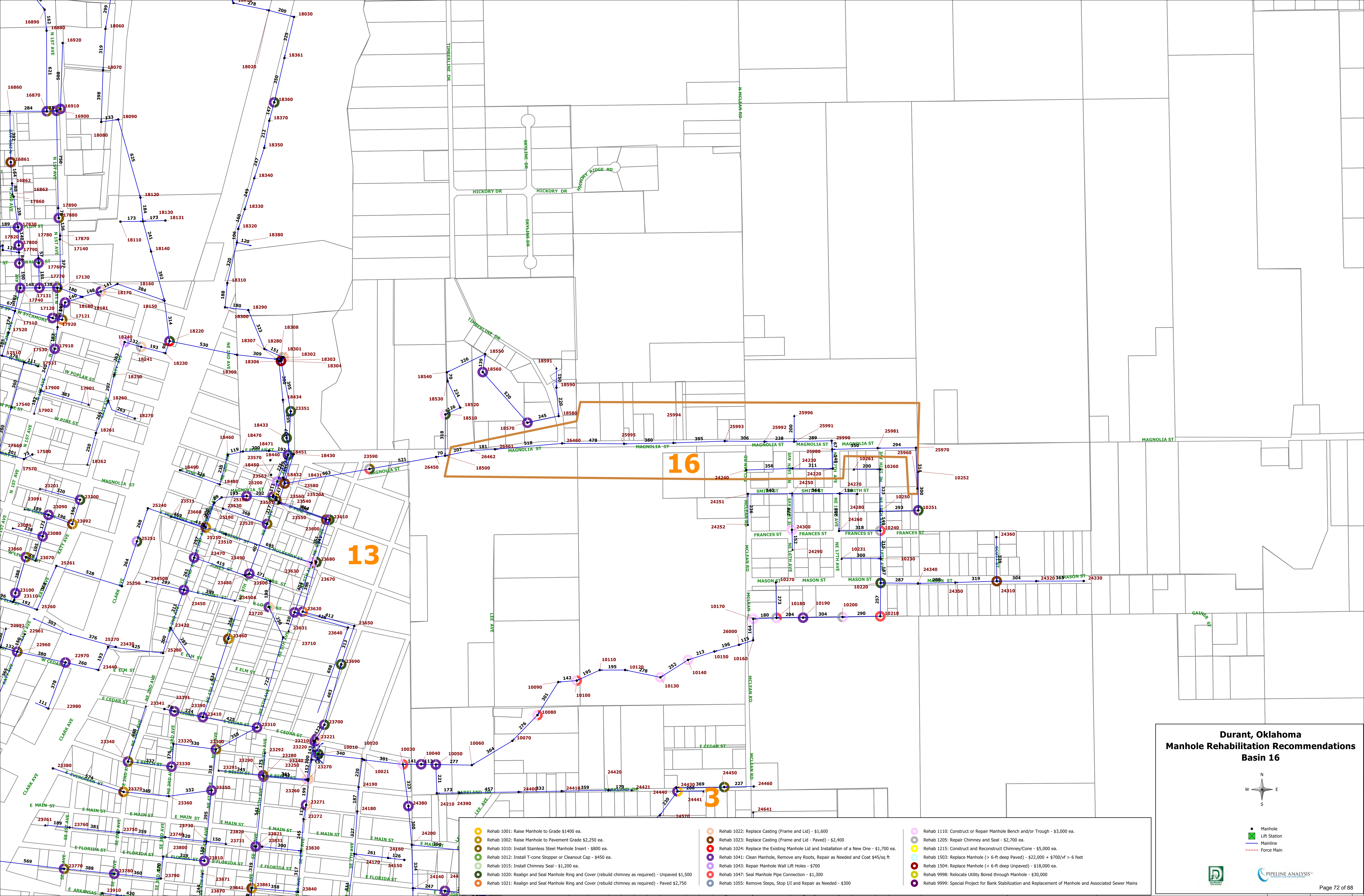
Legend:
● Manhole
■ Lift Station
— Mainline
--- Force Main

Scale: 1" = 100'

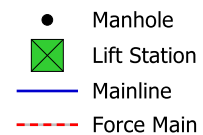
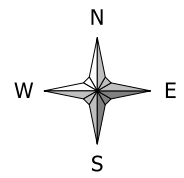
North Arrow

DATE: 10/1/2024
DRAWN BY: J. W. WHITE
CHECKED BY: J. W. WHITE
DESIGNED BY: J. W. WHITE

PIPELINE ANALYSIS™
ANALYSIS OF SEWER SYSTEMS

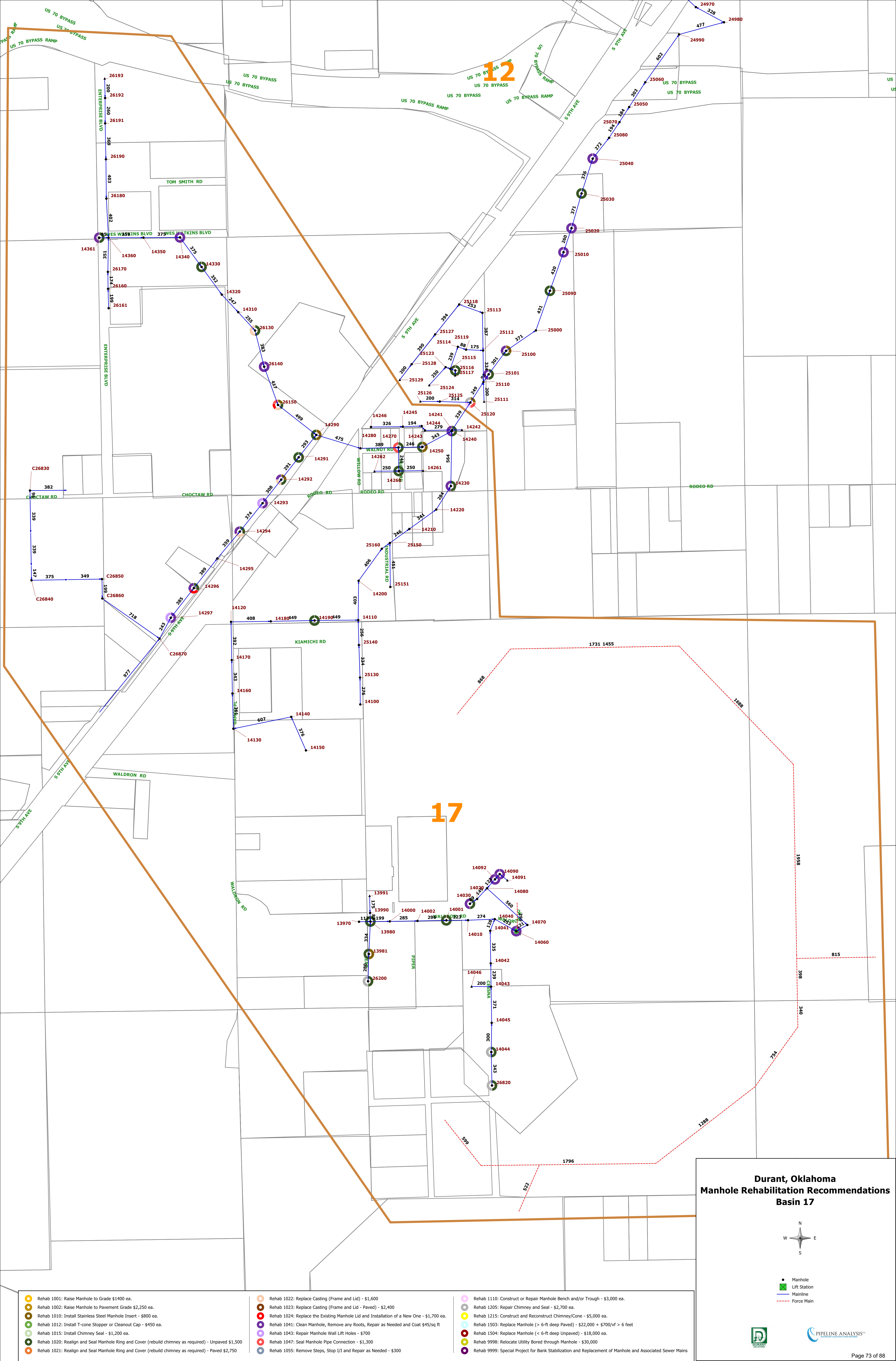


Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 16



- Rehab 1001: Raise Manhole to Grade \$1400 ea.
- Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.
- Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.
- Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.
- Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500
- Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750
- Rehab 1022: Replace Casting (Frame and Lid) - \$1,600
- Rehab 1023: Replace Casting (Frame and Lid) - Paved - \$2,400
- Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.
- Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft
- Rehab 1043: Repair Manhole Wall Lift Holes - \$700
- Rehab 1047: Seal Manhole Pipe Connection - \$1,300
- Rehab 1055: Remove Steps, Stop 1/1 and Repair as Needed - \$300
- Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.
- Rehab 1205: Repair Chimney and Seal - \$2,700 ea.
- Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.
- Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet
- Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.
- Rehab 9998: Relocate Utility Bored through Manhole - \$30,000
- Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains





Durant, Oklahoma
Manhole Rehabilitation Recommendations
Basin 17

N

W

E

S

Manhole

Lift Station

Mainline

Force Main

Rehab 1001: Raise Manhole to Grade \$1400 ea.

Rehab 1002: Raise Manhole to Pavement Grade \$2,250 ea.

Rehab 1010: Install Stainless Steel Manhole Insert - \$800 ea.

Rehab 1012: Install T-cone Stopper or Cleanout Cap - \$450 ea.

Rehab 1015: Install Chimney Seal - \$1,200 ea.

Rehab 1020: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Unpaved \$1,500

Rehab 1021: Realign and Seal Manhole Ring and Cover (rebuild chimney as required) - Paved \$2,750

Rehab 1022: Replace Casting (Frame and Lid) - \$1,600

Rehab 1023: Replace Casting (Frame and Lid - Paved) - \$2,400

Rehab 1024: Replace the Existing Manhole Lid and Installation of a New One - \$1,700 ea.

Rehab 1041: Clean Manhole, Remove any Roots, Repair as Needed and Coat \$45/sq ft

Rehab 1043: Repair Manhole Wall Lift Holes - \$700

Rehab 1047: Seal Manhole Pipe Connection - \$1,300

Rehab 1055: Remove Steps, Stop I/I and Repair as Needed - \$300

Rehab 1110: Construct or Repair Manhole Bench and/or Trough - \$3,000 ea.

Rehab 1205: Repair Chimney and Seal - \$2,700 ea.

Rehab 1215: Construct and Reconstruct Chimney/Cone - \$5,000 ea.

Rehab 1503: Replace Manhole (> 6-ft deep Paved) - \$22,000 + \$700/vf > 6 feet

Rehab 1504: Replace Manhole (< 6-ft deep Unpaved) - \$18,000 ea.

Rehab 9998: Relocate Utility Bored through Manhole - \$30,000

Rehab 9999: Special Project for Bank Stabilization and Replacement of Manhole and Associated Sewer Mains

DURANT

PIPELINE ANALYSISSM

Page 73 of 88



The City of Durant

Memorandum

Date: 2/13/2024
To: Mayor and City Council
From: Phillip Hightower, Public Works Director
Re: Discussion, Consideration, and Possible Action on Approving an Engineering Contract with Wall Engineering for the Wastewater Collection Improvements

This is a contract with Wall Engineering for the Wastewater Collection Improvements.

Council Information / Action Requested

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

1. Durant Collection System Rehab Engineering Agreement 021324

DURANT CITY UTILITIES AUTHORITY

MANHOLE AND COLLECTION SYSTEM REHAB

FEBRUARY 2024

**SHORT FORM OF AGREEMENT
BETWEEN OWNER AND
ENGINEER FOR PROFESSIONAL SERVICES**

IN COOPERATION WITH

OKLAHOMA WATER RESOURCES BOARD



WALL ENGINEERING PROJECT # DU-23-02
WE FIRM CERTIFICATE OF AUTHORIZATION #5413

WALL ENGINEERING, LLC
SHORT FORM OF AGREEMENT
BETWEEN OWNER AND ENGINEER
FOR PROFESSIONAL SERVICES

THIS IS AN AGREEMENT effective as of 11/14/23 ("Effective Date") between Durant City Utilities Authority ("Owner") and Wall Engineering, LLC ("Engineer").

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows: Wastewater Collection & Manhole Rehabilitation ("Project").

Subject to other terms herein, including without limitation 5.01, Engineer's Scope of Services ("Services") under this Agreement are generally identified as follows:

- Participate in meetings with the Owner's representatives, consultants and any Local, State, Federal Agencies or governmental entities as required to define the project scope and design requirements.
- Provide, or cause to be provided, any Topographic Survey, Property & ROW survey as required for project design.
- Prepare Engineering Report, Engineering Plans and Specifications for infrastructure improvements for the Project.
- Obtain approval of the Plans and Specifications from the Owner and seek approval from Oklahoma Water Resources Board.
- Prepare bid packages, and assist Owner in obtaining bids from contractors
- Prepare Contract documents and coordinate contract execution by Owner and Owner's selected Contractors.
- Provide general engineering contract administration during construction to include general overview of Contractors work, review and approval of Contractor's pay estimates, review of change order requests, and facilitate the acceptance of the work performed by the Contractor.
- Provide certain Inspection Services during Construction.
- Conduct Final Inspection and Project Closeout.
- Prepare final "As-Built" drawings.

Items specifically excluded from the scope of work (but may be included as additional services) include:

- Payment of fees for bid advertisement

In addition to those items set forth in the Agreement, Owner shall:

- Give thorough consideration to all documents and other information presented by Engineer and informing Engineer of all decisions within a reasonable time so as not to delay the Services.
- Make provision for the Personnel of Engineer to enter public and private lands as required for Engineer to perform necessary preliminary surveys and other investigations required under this scope of work.
- Obtain the necessary lands, easements and right-of-way for the construction of the work. All costs associated with securing the necessary land interests, including property acquisition and/or easement document preparation, surveys, appraisals, and abstract work, shall be borne by the Owner outside of this Agreement unless specifically outlined otherwise.
- Furnish Engineer such plans and records of construction and operation of existing facilities, available aerial photography, reports, surveys, or copies of the same, related to or bearing on the proposed work as may be in the possession of Owner. Such documents or data will be returned upon completion of the Services or at the request of Owner.
- Furnish Engineer a current boundary survey with easements of record plotted for the Project property.
- Pay all ODEQ plan review and advertising costs in connection with the Project.
- Provide legal, accounting, and insurance counseling services necessary for the Project and such auditing services as Owner may require.
- Furnish permits, permit fees, and approvals from all governmental authorities having jurisdiction over the Project and others as may be necessary for completion of the Project.
- Engineer shall be entitled to rely upon and shall not be responsible for the accuracy, completeness and timeliness of services and information furnished by Owner or Owner's consultants.

Owner's current anticipated design and construction milestone dates:

- | | |
|---|----------|
| ▪ Engineering design, plans and specifications prepared by: | 08/01/24 |
| ▪ Construction commencement date: | 12/01/24 |
| ▪ Substantial Completion date: | 12/01/25 |

Any additional services beyond this Scope of Services specifically listed herein would be performed as requested based on current hourly rates or as a negotiated lump sum agreement, and may include an appropriate adjustment to the schedule.

Owner and Engineer further agree as follows:

1.01 *Basic Agreement and Period of Service*

- A. Engineer shall provide or furnish the Services set forth in this Agreement. If authorized by Owner, or if required because of changes in the Project, Engineer shall furnish services in addition to those set forth above ("Additional Services").
- B. Engineer shall complete its Services based on a mutually agreeable schedule.
- C. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's Services is impaired, or Engineer's Services are delayed or suspended, then the time for completion of Engineer's Services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.

2.01 *Payment Procedures*

- A. *Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and submit the invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt. If Owner fails to make any payment due Engineer for Services, Additional Services, and expenses within 30 days after receipt of Engineer's invoice, then (1) the amounts due Engineer will be increased at the rate of 2.5% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day, and (2) in addition Engineer may, after giving seven days written notice to Owner, suspend Services under this Agreement until Engineer has been paid in full all amounts due for Services, Additional Services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- B. *Payment:* As compensation for Engineer providing or furnishing Services and Additional Services, Owner shall pay Engineer as set forth in Paragraphs 2.01, 2.02 (Services), and 2.03 (Additional Services). If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly and within 30 days advise Engineer in writing of the specific basis for doing so, may withhold only that portion so disputed, and must pay the undisputed portion.

2.02 *Basis of Payment—Lump Sum*

- A. Owner shall pay Engineer for Services as follows:
 - 1. A Lump Sum amount outlined as follows:

a. Basic Engineering	\$323,330
b. Contract Documents, Bidding & Procurement	\$30,000
c. Construction Engineering & Oversight	\$93,490
d. Resident Construction Inspection	\$133,740
e. Post Construction Engineering Including As-Builts	\$16,360
f. Survey & Data Collection	\$44,590
- B. The portion of the compensation amount billed monthly for Engineer's Services will be based upon Engineer's estimate of the percentage of the total Services actually completed during the billing period.

2.03 *Additional Services:* For Additional Services, Owner shall pay Engineer an amount equal to the cumulative hours charged in providing the Additional Services by each class of Engineer's employees, times the standard

hourly rates for each applicable billing class; plus reimbursement of expenses incurred in connection with providing the Additional Services and Engineer's consultants' charges, if any. Engineer's standard hourly rates are attached as Appendix 1. Alternatively, if agreed to, Owner shall pay Engineer a negotiated lump sum amount. As an example, Additional Services may include, among others: Services due to changes in the Project, Services necessitated by the enactment or revision of codes, laws or regulations, and preparation for and attendance at public presentations, meetings or hearings relating to the Project.

3.01 *Termination*

A. The obligation to continue performance under this Agreement may be terminated:

1. For cause,

a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party. Failure to pay Engineer for its Services is a substantial failure to perform and a basis for termination for cause and suspension of Services.

b. By Engineer:

- 1) upon seven days written notice if Owner demands that Engineer furnish or perform Services contrary to Engineer's responsibilities as a licensed professional; or
- 2) upon seven days written notice if the Engineer's Services are delayed for more than 90 days for reasons beyond Engineer's control, including without limitation Owner's suspending of the Project, or as the result of the presence at the Site of undisclosed Constituents of Concern, as set forth in Paragraph 5.01.L.

c. Engineer shall have no liability to Owner on account of a termination for cause by Engineer.

d. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under Paragraph 3.01.A.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Owner effective upon Engineer's receipt of written notice from Owner.

3. Either Party may terminate this Agreement immediately upon notice to the other Party, and without incurring any liability, if the non-terminating Party has: (i) been adjudicated bankrupt; (ii) filed a voluntary petition in bankruptcy or had an involuntary petition filed against it in bankruptcy; (iii) made an assignment for the benefit of creditors; (iv) had a trustee or receiver appointed for it; (v) becomes insolvent; or (vi) any part of its property is put under receivership.

B. In the event of any termination under Paragraph 3.01, Engineer will be entitled to invoice Owner and to receive full payment for all Services and Additional Services performed or furnished in accordance with this

Agreement, plus reimbursement of expenses incurred through the effective date of termination in connection with providing the Services and Additional Services, Engineer's consultants' charges, if any, and costs attributable to termination.

4.01 *Successors, Assigns, and Beneficiaries*

- A. Owner and Engineer are hereby bound and the successors, executors, administrators, agents and legal representatives of Owner and Engineer (and to the extent permitted by Paragraph 4.01.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the successors, executors, administrators, agents and legal representatives (and said assigns) of such other party, in respect of all covenants, rights, agreements, duties and obligations of this Agreement.
- B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, money that is due or may become due) in this Agreement without the written consent of the other party, except to the extent that any assignment, subletting, or transfer is mandated by law, and except that Owner may assign this Agreement to a lender providing financing to the Project if the lender agrees to assume Owner's rights and obligations hereunder, including any payments due to Engineer by Owner. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise, nothing in this Agreement shall be construed to create a contractual relationship with, or a cause of action in favor of, or to create, impose, or give rise to any duty owed by Owner or Engineer to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.

5.01 *General Considerations*

- A. The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Engineer. Subject to the foregoing standard of care, Engineer and its consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- B. Engineer shall not at any time supervise, direct, control, have authority over or be responsible for any Constructor's work, or any Constructor's means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Project site, nor for any failure of a Constructor to comply with laws and regulations applicable to such Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor, nor shall Engineer be responsible for any Constructor's failure to perform the work in accordance with the requirements of the Contract Documents.
- C. Engineer shall not be responsible for the acts or omissions of any Constructor or any of Constructor's agents or employees or any other persons (except Engineer's own employees) at the Project site or otherwise furnishing or performing any construction work; or for any decision made on interpretations or clarifications

of the construction contract or the Contract Documents given by Owner without consultation and written approval of Engineer. The Engineer shall have authority to act on behalf of Owner only to the extent provided in this Agreement or with express written authorization.

- D. Engineer shall visit the Project at intervals appropriate to the stage of construction to become familiar with the progress and quality of Constructor's work and to determine, in general, if the work observed is being performed in a manner indicating that the work, when completed, will be in accordance with the Contract Documents. However, Engineer shall not be required to make extensive or continual on-site inspections. If Engineer reviews Constructor's submittals, such as Shop Drawings, Product Data or Samples, that review is only for the limited purpose of checking for general conformance with information given and the design concept in the Contract Documents. Such review is not for the purpose of determining the accuracy and completeness of other information such as dimensions, quantities, and installation or performance of equipment or systems, which are Constructor's responsibility. Engineer's review shall not constitute approval of a deviation from the requirements of the Contract Documents unless Constructor has specifically informed Engineer in writing of such deviation at the time of submittal and Engineer has given specific written acknowledgment of the specific deviation. Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to properly furnish and perform its work.
- E. Engineer's estimates (if any) of probable construction cost are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from estimates of probable construction cost prepared by Engineer. If Owner requires greater assurance as to probable construction cost, then Owner agrees to obtain an independent cost estimate.
- F. Owner understands that the construction cost estimates developed by Engineer do not establish a limit for the construction contract amount. If the actual amount of the low construction bid or resulting construction contract exceeds the construction budget established by Owner, Engineer will not be required to re-design the Services without additional compensation.
- G. Engineer has the authority to reject work that does not conform to the Contract Documents and may require inspection or testing of the work, however a decision made in good faith by Engineer shall not give rise to any duty or responsibility of Engineer to any Constructor performing any work. Engineer shall not be responsible for any decision made regarding the construction contract requirements, or any application, interpretation, clarification, or modification of the construction Contract Documents other than those made by Engineer or its consultants.
- H. All documents prepared or furnished by Engineer are Instruments of Service, and Engineer retains exclusively an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. Owner shall have a limited license to use the Instruments of Service on the Project, extensions of the Project, and for related uses of the Owner, including use solely on this Project by Constructor, subject to Owner performing its obligations under this Agreement, including receipt by Engineer of full payment due and owing for all Services and Additional Services relating to preparation of the Instruments of Service and subject to the following limitations:

1. Owner acknowledges that such documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by Engineer;
 2. any such use or reuse, or any modification of the documents, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, is improper and will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and consultants;
 3. Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and consultants from all claims, damages, losses, and expenses, including all attorneys' fees, arising out of or resulting from any use, reuse, or modification of the documents without written verification, completion, or adaptation by Engineer; and
 4. such limited license to Owner shall not create any rights in third parties.
- I. Owner and Engineer may transmit, and shall accept, Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol. Contemporaneous with this Agreement, Owner and Engineer shall designate in writing specific individuals to act as Owner's and Engineer's representatives with respect to the duties and responsibilities of the Parties to this Agreement.
- J. In accepting and utilizing any form of digital data generated and provided by Engineer for its Services, Owner agrees that all such digital data are Instruments of Service of Engineer. Owner is aware that differences may exist between the digital data delivered and the printed hardcopy document. In the event of a conflict between the original signed document prepared by Engineer and digital data, the original signed and sealed hard-copy document shall govern. Under no circumstances shall delivery of digital data for use by Owner be deemed a sale by Engineer, and Engineer makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall Engineer be liable for indirect or consequential damages as a result of Owner's use or reuse of the digital data.
- K. To the fullest extent permitted by law, Owner and Engineer (1) waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, representatives and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages such as loss of use, lost profits, financing, and other such damages arising out of, resulting from, or in any way related to this Agreement or the Project, (2) to the extent damages are covered by property insurance, waive any and all claims or rights against each other for damages, except such rights as they may have to the proceeds of insurance, (3) agree that Engineer's total liability to Owner and maximum recovery from Engineer for any damages, claims, costs or expenses under this Agreement, whether in contract, tort or otherwise, shall be limited to the scope of services provided and further limited to the total amount of compensation received by Engineer under this Agreement, and (4) agree that Engineer is not responsible for damages arising from any circumstances beyond Engineer's reasonable control, including without limitation, strike or labor disputes, severe weather disruptions, natural disasters, fire or other acts of God, riots, epidemics, war or other emergencies, failure of any governmental agency to act in a timely manner, failure of performance by Owner or Constructors, or discovery of any hazardous substances or differing and unforeseeable site conditions.

- L. The limitations set forth in the waivers above apply regardless of whether the claim is based in contract, tort, or negligence including gross negligence, strict liability, warranty, indemnity, error and omission, or any other cause whatsoever.
- M. No other warranties or causes of action of any kind, whether statutory, express or implied (including all warranties of merchantability and fitness for a particular purpose and all warranties arising from course of dealing or usage of trade) shall apply. Owner's exclusive remedies and Engineer's only obligations arising out of or in connection with defective Services (patent, latent or otherwise), whether based in contract, in tort (including negligence and strict liability), or otherwise, shall be those stated in the Agreement.
- N. Owner shall procure and maintain insurance as set forth workers' compensation (if applicable), general liability, motor vehicle damage and injuries, and other insurance necessary and sufficient to protect Owner's and Engineer's interests in the Project. Owner agrees that should he/she not have sufficient knowledge and expertise to ascertain levels of proper insurance required, that a insurance professional will be consulted. Owner shall cause Engineer to be listed as additional insureds on any general liability policies carried by Owner, which are applicable to the Project.
- O. Owner shall require any consultant and/or contractor additionally working on this project to purchase and maintain policies of insurance covering workers' compensation, general liability, motor vehicle damage and injuries, and other insurance necessary and sufficient to protect Owner's and Engineer's interests in the Project. Owner shall require Contractor to cause Engineer and its Consultants to be listed as additional insureds with respect to such general liability insurance purchased and maintained by consultants and/or contractors for the Project.
- P. The parties acknowledge that Engineer's Services do not include any services related to unknown or undisclosed Constituents of Concern. If Engineer or any other party encounters, uncovers, or reveals an unknown or undisclosed Constituent of Concern, then Engineer may, at its option and without liability for consequential or any other damages, suspend performance of Services on the portion of the Project affected thereby until such portion of the Project is no longer affected, or terminate this Agreement for cause if it is not practical to continue providing Services.
- Q. Owner and Engineer agree to informally discuss and negotiate each dispute and any claim between them in good faith during the 30 days after notice of dispute. If negotiations are unsuccessful in resolving the dispute, then the dispute shall be mediated by a mediator agreed upon by the parties. The Mediator's fee and any filing fees shall be shared equally by Owner and Engineer. If mediation is unsuccessful, then the parties may exercise their rights at law.
- R. This Agreement is to be governed by the law of the state in which the Project is located.
- S. Engineer's Services and Additional Services do not include: (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission; (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances; (3) providing surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements; or (4) providing legal advice or representation.

- T. Engineer's Services and Additional Services do not include: providing any general insurance-related advice include amounts of coverage required, recommendations, counseling, or research, or enforcement of insurance requirements. It is the responsibility of the Owner to review and verify the submitted requirements and type of policies / riders outlined in the Contract Documents are reasonable and valid for project type. The amounts/type inserted by Engineer are for reference only and Engineer has no assumed responsibility or stated/implied expertise.
- U. Engineer has no stated or implied expertise in matter outside and not specifically referenced in this Agreement or within Engineer's standard area of practice. Examples include, but are not limited to, legal representation for review of Agreements and Contract Documents, municipal advisers, financial advisers, bond council, insurance professionals for review of insurance and bonding limits and requirements, accountants, and auditors. Owner should consult with relevant professionals for any matters not specific to this Agreement.
- V. The invalidity of any provision of this Agreement shall not invalidate the Agreement or its remaining provisions. If it is determined that any provision of the Agreement violates any law, or is otherwise invalid or unenforceable, then that provision shall be revised to the extent necessary to make it legal and enforceable, and if not, then that provision shall be stricken and all remaining provisions shall be valid and enforceable.
- W. Engineer may use or rely upon design elements and information ordinarily or customarily furnished by others including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- X. Except to the extent expressly included as part of the Services, Engineer will not provide research regarding utilities or survey utilities located and marked by their owners. Furthermore, since many utility companies typically will not locate and mark their underground facilities prior to notice of excavation, Engineer is not responsible for knowing whether underground utilities are present or knowing the exact location of such utilities for design and cost estimating purposes. In no event is Engineer responsible for damage to underground utilities, unmarked or improperly marked, caused by geotechnical conditions, potholing, construction, or other contractors or subcontractors working under a subcontract to this Agreement.
- Y. Owner and Engineer shall consider: (i) all information provided by the other Party that is marked as "Confidential Information" or "Proprietary Information" or identified as confidential pursuant to this Section 6.7 in writing promptly after being disclosed verbally; and (ii) all documents resulting from Engineer's performance of Services to be Confidential Information. Except as legally required, Confidential Information shall not be discussed with or transmitted to any third parties, except on a "need to know basis" with equal or greater confidentiality protection or written consent of the disclosing Party. Confidential Information shall not include and nothing herein shall limit either Party's right to disclose any information provided hereunder which: (i) was or becomes generally available to the public, other than as a result of a disclosure by the receiving Party or its Personnel; (ii) was or becomes available to the receiving Party or its representatives on a non-confidential basis, provided that the source of the information is not bound by a confidentiality agreement or otherwise prohibited from transmitting such information by a contractual, legal, or fiduciary duty; (iii) was independently developed by the receiving Party without the use of any Confidential Information of the disclosing Party; or (iv) is required to be disclosed by applicable law or a court order. All confidentiality obligations hereunder shall expire three (3) years after completion of the Services. Nothing herein shall be interpreted as prohibiting Engineer from disclosing general information regarding the Project for future marketing purposes.

- Z. Engineer is and at all times shall be deemed an independent contractor in the performance of the Services under this Agreement.
- AA. In accordance with applicable law, including the applicable Uniform Electronic Transactions Act, Owner and Engineer agree that electronic signatures (such as e-mail or electronically-typed signatures) of the parties' authorized representatives to this Agreement or to later consents or approvals associated herewith shall constitute the valid signature of the party for purposes of obtaining agreements, consents or other matters prescribed by the Agreement.

6.01 *Owner's Responsibilities*

- A. In connection with the Project, Owner's responsibilities shall include the following:
 - 1. Any responsibilities set forth in Scope of Work.
 - 2. Owner shall be responsible for all requirements and instructions that it furnishes to Engineer pursuant to this Agreement, and for the accuracy and completeness of all programs, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use and rely upon such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement, subject to any express limitations or reservations applicable to the furnished items as further set forth in Scope of Work.
 - 3. Owner shall give prompt written notice to Engineer whenever Owner observes or otherwise becomes aware of the presence at the Project site of any Hazardous Materials or any relevant, material defect, or nonconformance in: (i) the Services; (ii) the performance by any contractor providing or otherwise performing construction services related to the Project; or (iii) Owner's performance of its responsibilities under this Agreement.
 - 4. Owner shall include Engineer as an indemnified party under the contractor's indemnity obligations included in the construction contract documents.
 - 5. Owner will not directly or indirectly solicit any of Engineer's Personnel during performance of this Agreement and for a period of one (1) year beyond completion of this Agreement.
 - 6. Owner shall provide additional advisers/professionals as deemed necessary by Owner for any services not specifically outlined and included in this Agreement. Examples include, but are not limited to, legal representation for review of Agreements and Contract Documents, municipal advisers, financial advisers, bond council, insurance professionals for review of insurance and bonding limits and requirements, accountants, auditors and other professionals as deemed necessary. Engineer has no stated or implied expertise in these matters and Owner should consult with relevant professional for any matters not specific to this Agreement.

7.01 *Entire Agreement; Amendment*

- A. This Agreement (including any expressly incorporated attachments), constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral representations, understandings, or agreements. This Agreement may only be amended, supplemented, modified, or canceled by a written instrument executed by both Owner and Engineer and dated.

Definitions

- B. *Constructor*—Any person or entity (not including the Engineer, its employees, agents, representatives, and consultants), performing or supporting construction activities relating to the Project, including but not limited to contractors, subcontractors, suppliers, Owner's work forces, utility companies, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.
- C. *Constituent of Concern*—Asbestos, petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. ("CERCLA"); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5101 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. ("RCRA"); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.

Attachments: Appendix 1, Engineer's Standard Hourly Rates

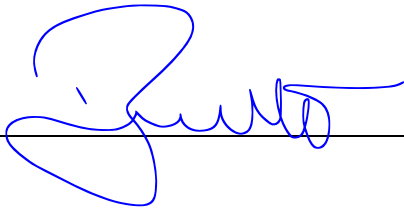
[REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Owner: Durant City Utilities Authority

Engineer: Wall Engineering, LLC

By: _____

By:  _____

Print name: Martin Tucker

Print name: Brandon Wall, P.E.

Title: Chair

Title: President

Date Signed: 02/14/24

Date Signed: 02/14/24

Engineer License or Firm's Certificate No. :
Oklahoma #5413

Address for Owner's receipt of notices:
300 W Evergreen
Durant, OK 74701

Address for Engineer's receipt of notices:
223 N Washington
Durant, OK 74701

This is **Appendix 1, Engineer's Standard Hourly Rates**, referred to in and part of the Short Form of Agreement between Owner and Engineer for Professional Services.

Engineer's Standard Hourly Rates

A. Standard Hourly Rates:

1. Standard Hourly Rates are set forth in this Appendix 1 and include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply only as specified in the Agreement, and are subject to annual review and adjustment.

B. Schedule of Hourly Rates:

Principal Engineer	\$235.00/hour
Professional Engineer / Project Engineer / Project Manager	\$182.00/hour
Construction Manager	\$153.00/hour
Engineering Intern	\$141.00/hour
Senior Engineering Technician	\$123.00/hour
Construction Inspector	\$ 98.00/hour
Engineering Technician	\$ 95.00/hour
CAD Technician	\$ 82.00/hour
Administrative / Clerical	\$ 66.00/hour
Survey Crew – Field	\$288.00/hour
Survey Crew – Office	\$145.00/hour
Leak Detection – Field	\$173.00/hour
Leak Detection – Office	\$128.00/hour
Leak Detection – Mileage	\$1.50/mile
Misc Mileage	IRS Rate
Per Diem	\$200/day
Engineering General Services Agreements	\$175.00/hour