RESOLUTION NO._____

RESOLUTION ACCEPTING THE PROJECT AS COMPLETE AND AUTHORIZING FINAL PAYMENT TO KAJACS CONTRACTORS, INC, FOR THE 2015 SANITARY SEWER ASSESSMENT REMEDIAL MEASURES, PHASE C, SUB-BASIN S009

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: The construction of 2015 Sanitary Sewer Assessment Remedial Measures, Phase C, Sub-Basin S009, Project 16-12-Construction 2 (C2), is hereby accepted as complete.

SECTION 2: Final payment to KAJACS Contractors, Inc. in the amount of $96,197.00, is hearby approved.

This Resolution adopted this _____day of November 2019.

APPROVED:

_____
Mayor

ATTEST:

_____
City Clerk

APPROVED AS TO FORM:

_____npr

UTILITY DEPARTMENT

INTEROFFICE MEMORANDUM

TO: Carl E. Geffken, City Administrator

FROM: Lance A. McAvoy, Interim Utility Director

SUBJECT: 2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project Number 16-12-Construction 2 (C2)

DATE: October 28, 2019

CC: Jeff Dingman, Deputy City Administrator

This project is one of six (6) Consent Decree projects that were included in the 2015 Sanitary Sewer Assessment. To meet the requirements of the Consent Decree, the completion date of this project is required by December 31, 2019.

On January 16, 2018 the Board of Directors approved the bid of KAJACS Contractors, Inc., in the amount of $3,500.000.00. Then on October 02, 2018, the Board of Directors approved Change Order Number One, in the amount of $695,000.00. This resulted in a total contract amount of $4,195,000.00. The original scope of this project included the replacement and rehabilitation of approximately 21,700 linear feet of sanitary sewer mains, and Change Order Number One added increasing the size of approximately 3,600 linear feet of sewer mains in the project area as a result of a capacity study that was completed following award of the original contract. Attached is a map showing the location of this project. A project summary sheet is attached for your review.

A Resolution authorizing final payment in the amount of $96,197.00 is attached. This Resolution represents the final payment and release of remaining retainage for the project, in the amount of $96,197.00. The project was completed 16% below the contract amount (original and change order combined). The funding for this project was available from the 2015 Revenue Bonds, 6505 Capital Improvement funds and 2018 Revenue Bonds.

Please contact me if you or any member of the Board of Directors should have any questions or need additional information.

Attachments: "Resolution Accepting the Project as Complete and Authorizing Final Payment to KAJACS Contractors, Inc, for the 2015 Sanitary Sewer Assessment Remedial Measures, Phase C, Sub-Basin S009"
Project Summary & Presentation
Project Maps

Project Summary

Project Name:
2015 SSA Remedial Measures, Phase C, Sub-Basin S009

Project Status:
Complete

Project Number:
16-12-C2

Today's Date:
October 30, 2019

Project Engineer:
Richard Hamrick

Staff Contact Name:
Lance McAvoy

Project Contractor:
KAJACS Contractors, Inc.

Staff Contact Phone:
(479) 494-3908

Notice to Proceed Issued:
02/26/2018

Contact Breakdown		
	Dollar Amount	Contract Time (Days)
Original Contract Amount:	$3,500,000.00	330
Change Order(#1):	$695,000.00	75
Change Order(#2):		
Total Change Orders:	$695,000.00	75
Adjusted Contract:	**$4,195,000.00**	**405**

Contract Payment Breakdown		
	Dollar Amount	
Adujusted Contract Amount	$4,195,000.00	
Previous Payments	$3,425,968.95	
Final Payment Amount:	$96,197.00	
Contract Balance Remaining	**$672,834.05**	**16.04%**

Final Payment Breakdown	
Total Work Installed This Payment	$91,197.00
Retainage Withheld This Payment	$5,000.00
Liquidated Damages	$0.00
Final Payment Amount	**$96,197.00**

Final Comments:
Additional time has been allocated to this project for weather days resulting in a final completion date of September 19, 2019. A Change Order was processed on this project to incorporate sewer mains that were were needing to be increased in size due to the results of a capacity study that was made available following awarding this project for construction. This project was completed 16% below the contract amount.

2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

- Project Cost & Schedule:
  - Construction Contract Amount: $4,195,000.00
  - Actual Construction Spend: $3,522,165.95
  - Completed 16% Under Construction Budget
  - Notice To Proceed: February 26, 2018
  - Substantial Completion Date: April 03, 2019
  - Final Completion Date: September 19, 2019
- Scope of Work:
  - Replacement and rehabilitation of approximately 25,300 linear feet of sanitary sewer mains in Sub-Basin S009 and associated manholes
- Project Information:
  - Design Engineer - Morrison-Shipley Engineers, Inc.
  - Construction Contractor – KAJACS Contractors, Inc.
  - Inspection Services – Morrison-Shipley Engineers, Inc.

    (Construction contract pre-dated startup of Utility Engineering Inspection group.)

2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

- Project Details:
  - This project is one of six projects that were include in the 2015 Sanitary Sewer Assessment work, as identified in the Consent Decree, and is required to be completed by December 31, 2019.
  - This project replaced 20,203 linear feet of sanitary sewer mains, increased the pipe size of 3,381 linear feet of sanitary sewer mains that were identified in the capacity study, replaced 126 manholes, repaired 9 manholes, replaced 7,749 linear feet of 4" service lines, and installed 421 cleanouts.
  - The delay in reaching final completion after substantial completion was due to delays due to rain and wet conditions and completing work for Field Directive 6.

2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

Pipe Burst Sanitary Sewer Main Replacement

Heat Fusing Pipe, Line 52

Pipe Bursting Machine, Line 41
(Note Limited Excavation Needed)

Pipe Bursting Winch, Line 29

2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

Open Cut Sanitary Sewer Main Replacement

Open Cut, Line 65

Installing Manhole, Line 65

Open Cut Line 63

2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

Manhole Replacement

Manhole S009-0540
Pipe Connection

Manhole S009-0190
Note Blue Gator Wrap

Manhole S009-1340
Vacuum Test

2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

Service Line Installation

Service Line, Line 48
Connection To Open Cut Line

Cleanout, Line 4

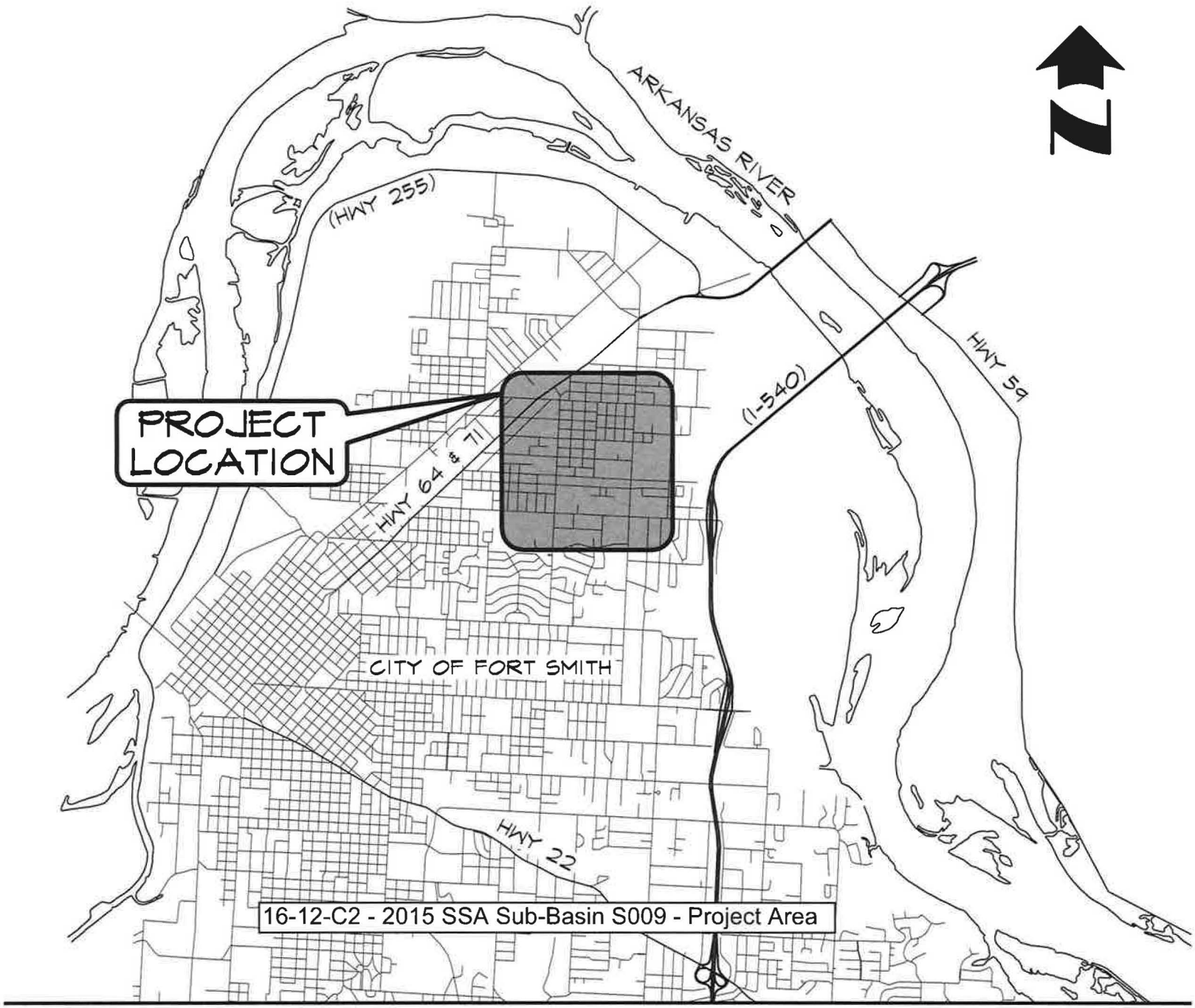
2015 SSA Remedial Measures, Phase C, Sub-Basin S009
Project No. 16-12-C2

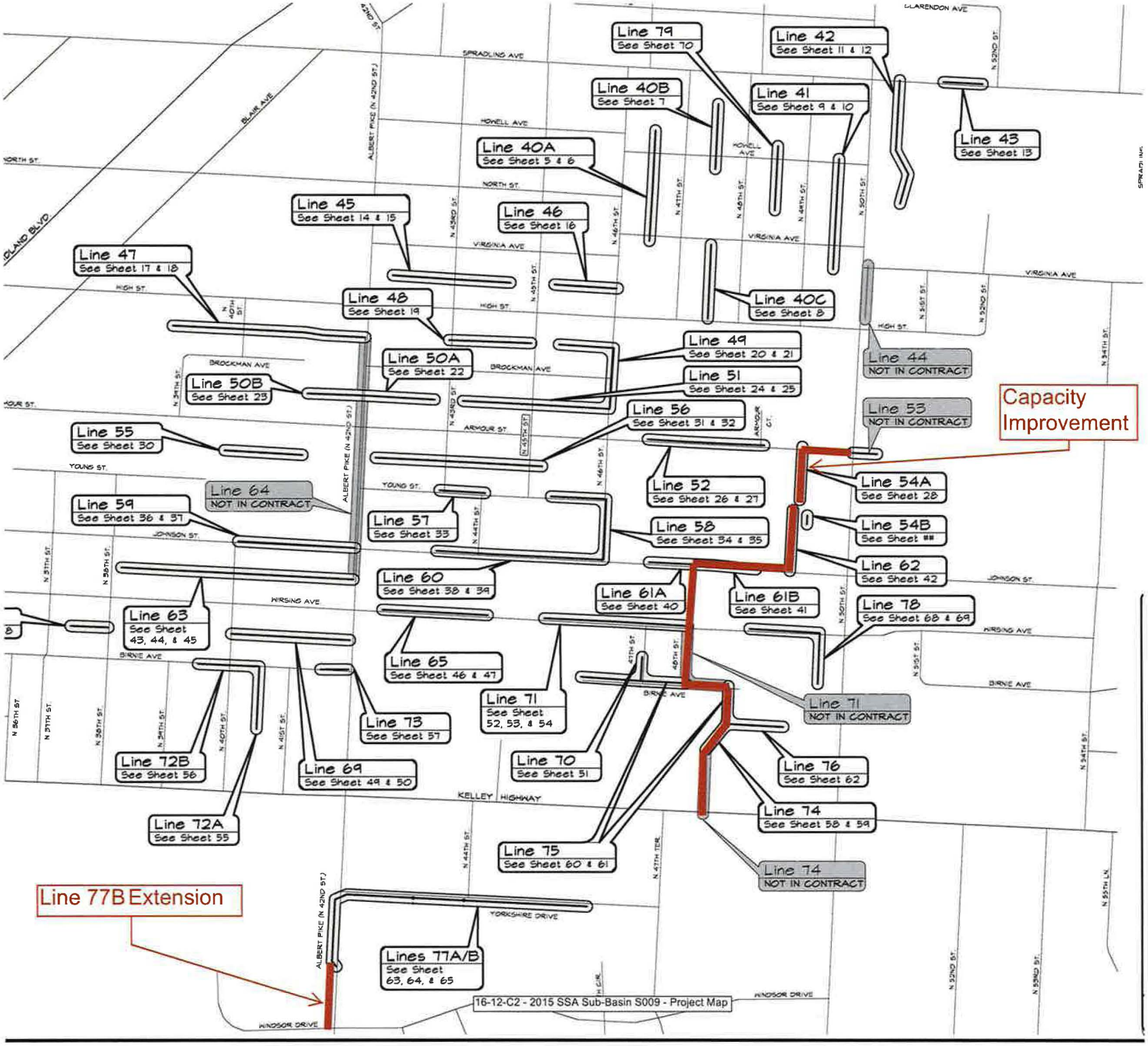
Open Cut Restoration

Open Cut, Line 63
Preparing To Place Sod

Open Cut, Line 63
Placing Sod

Open Cut, Line 71
Asphalt Patch


ARKANSAS RIVER
(HWY 255)
PROJECT LOCATION
HWY 64 & 71
(I-540)
HWY 59
CITY OF FORT SMITH
HWY 22
16-12-C2 - 2015 SSA Sub-Basin S009 - Project Area


Line 79
See Sheet 70
Line 42
See Sheet 11 & 12
Line 40B
See Sheet 7
Line 41
See Sheet 9 & 10
Line 43
See Sheet 13
Line 40A
See Sheet 5 & 6
Line 45
See Sheet 14 & 15
Line 46
See Sheet 16
Line 47
See Sheet 17 & 18
Line 48
See Sheet 19
Line 40C
See Sheet 8
Line 49
See Sheet 20 & 21
Line 44
NOT IN CONTRACT
Line 50A
See Sheet 22
Line 50B
See Sheet 23
Line 51
See Sheet 24 & 25
Line 53
NOT IN CONTRACT
Capacity Improvement
Line 56
See Sheet 31 & 32
Line 55
See Sheet 30
Line 64
NOT IN CONTRACT
Line 52
See Sheet 26 & 27
Line 54A
See Sheet 28
Line 59
See Sheet 36 & 37
Line 57
See Sheet 33
Line 58
See Sheet 34 & 35
Line 54B
See Sheet ##
Line 62
See Sheet 42
Line 60
See Sheet 38 & 39
Line 61A
See Sheet 40
Line 61B
See Sheet 41
Line 78
See Sheet 68 & 69
Line 63
See Sheet
43, 44, & 45
Line 65
See Sheet 46 & 47
Line 71
See Sheet
52, 53, & 54
Line 71
NOT IN CONTRACT
Line 73
See Sheet 57
Line 72B
See Sheet 56
Line 69
See Sheet 49 & 50
Line 70
See Sheet 51
Line 76
See Sheet 62
Line 74
See Sheet 58 & 59
Line 72A
See Sheet 55
Line 75
See Sheet 60 & 61
Line 74
NOT IN CONTRACT
Line 77B Extension
Lines 77A/B
See Sheet
63, 64, & 65
16-12-C2 - 2015 SSA Sub-Basin S009 - Project Map
CLARENDON AVE
SPRADLING AVE
HOWELL AVE
NORTH ST.
VIRGINIA AVE
HIGH ST.
BROCKMAN AVE
ARMOUR ST.
YOUNG ST.
JOHNSON ST.
WIRSING AVE
BIRNIE AVE
KELLEY HIGHWAY
YORKSHIRE DRIVE
WINDSOR DRIVE
ALBERT PIKE (N 42ND ST.)
BLAIR AVE
N 42ND ST.
N 43RD ST.
N 44TH ST.
N 45TH ST.
N 46TH ST.
N 47TH ST.
N 48TH ST.
N 49TH ST.
N 50TH ST.
N 52ND ST.
N 53RD ST.
N 34TH ST.
N 35TH ST.
N 36TH ST.
N 37TH ST.
N 38TH ST.
N 40TH ST.
N 41ST ST.
N 47TH TER.
N 55TH LN.

Comprehensive Plan Goal Supported
By Wastewater Projects

- Ensure adequate, well-maintained infrastructure, public safety, and public facilities for all development and prevent development ahead of infrastructure and service provision. (FLU-1.4)

- Continue to ensure that customers within Fort Smith have access to reliable water, sewer, drainage, solid waste services by reducing or eliminating deficiencies and gaps in infrastructure systems (TI-5.1)

- Implement an infrastructure Asset Management Program as a tool for management of the utility department's water and sewer systems and to track, manage, and schedule necessary facility upgrades and improvements. (TI-5.1.1)

- Ensure that utility and infrastructure systems can meet the city's long-term needs. (TI-5.2)

- Coordinate land use planning and capital programming to ensure infrastructure improvements and extensions are phased to support the future land use pattern. (TI-5.2.1)

- Adopt criteria for prioritizing funding to infrastructure-related capital improvement projects. (TI-5.2.4)

- Provide new facilities in a manner that protects investments in existing facilities and promotes orderly growth. (PFS-4.2)