



MEMORANDUM



TO: Carl E. Geffken, City Administrator
CC: Jeff Dingman, Deputy City Administrator
FROM: Lance A. McAvoy, Director of Water Utilities
DATE: June 5, 2024
SUBJECT: Basin 10 and 14 Capacity Improvements Schedule 1-Final Pay to McKee Utility Contractors, Inc.

SUMMARY

On July 19, 2022, the Board of Directors approved the bid of McKee Utility Contractors, Inc., in the amount of \$12,824,091.00 (R-109-22). The scope of this project included the installation of larger pipe, and changing the pipe alignment, to improve the flow capacity in the indicated section of the sanitary sewer collection system. On May 16, 2023, Change Order No. 1 was approved by the Board of Directors to replace the basketball court at Martin Luther King, Jr. Park, in the amount of \$158,706.11 (R-90-23), increasing the total project amount to \$12,982,797.11. Change Order No. 2 has been processed to reconcile the project costs. A project summary and presentation are attached for your review.

Work on this project has been completed. The Notice to Proceed was issued on November 14, 2022. The actual project final completion date was May 08, 2024.

A Resolution accepting the project as complete and authorizing final payment to McKee Utility Contractors, Inc., for \$174,582.74 is attached. The funding for this project is available from the 6505 ARPA fund.

Please contact me should you or members of the Board have any questions or desire additional information.

ATTACHMENTS

1. [6-18-24_Item_ID_1037_Utillities - Resolution.pdf](#)
2. [6-18-24 Item ID 1037 Utillities.pdf](#)

FISCAL IMPACT: \$174,582.74
BUDGET INFORMATION: Budgeted / Water Utilities - American Rescue Plan Act (ARPA)

RESOLUTION NO. _____

RESOLUTION ACCEPTING THE PROJECT AS COMPLETE AND AUTHORIZING FINAL PAYMENT TO MCKEE UTILITY CONTRACTORS, INC. FOR THE BASIN 10 AND 14 CAPACITY IMPROVEMENTS-SCHEDULE 1-PROJECT 21-22-C1

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

SECTION 1: The construction of Basin 10 and 14 Capacity Improvements-Schedule 1, Project 21-22-Construction (C1), is hereby accepted as complete.

SECTION 2: Final payment to McKee Utility Contractors, Inc. in the amount of \$174,582.74, is hereby approved.

This Resolution adopted this _____ day of June 2024.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

Project Summary

Project Name: Basin 10 & 14 Capacity Improvements, Schedule 1	Project Status: Complete
Project Number: 21-22-C1	Today's Date: June 12, 2024
Project Engineer: Richard Hamrick	Staff Contact Name: Lance McAvoy
Project Contractor: McKee Utility Contractors, Inc.	Staff Contact Phone: (479) 494-3908

Notice to Proceed Issued:
11/14/2022

Contact Breakdown		
	Dollar Amount	Contract Time (Days)
Original Contract Amount:	\$12,824,091.00	540
Change Order No. 1:	\$158,706.11	0
Change Order No. 2:	-\$228,446.94	2
Total Change Orders:	-\$69,740.83	2
Adjusted Contract:	\$12,754,350.17	542

Contract Payment Breakdown		
	Dollar Amount	
Adjusted Contract Amount	\$12,754,350.17	
Previous Payments	\$12,579,767.43	
Retainage	\$0.00	
Contract Balance Remaining	\$174,582.74	

Final Comments:
The project was completed approximately 0.54% below the contract award amount.

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1

- Project Cost & Schedule:
 - Project Cost
 - Original Construction Contract Amount: \$12,824,091.00 (R-109-22)
 - Change Order No. 1 (R-90-23) & No. 02: -\$69,740.83
 - Adjusted Contract Amount: \$12,754,350.17
 - Completed 0.54% Under Original Construction Contract Amount
 - Project Schedule
 - Notice To Proceed: November 14, 2022
 - Contract Time: 585 Days
 - Substantial Completion For Pipe Installation: November 10, 2023
 - Substantial Completion For Basketball Court: May 08, 2024
 - Final Completion Date Allowed By Contract: May 06, 2024
 - Actual Final Completion Date Due: May 08, 2024
 - Completed 2 Days More Than Allowed (Liquidated Damages Are Not Being Assessed As The Additional Time Was Approved In Change Order No. 2.)
- Funding: 6505 ARPA Fund
- Scope of Work:
 - This project included the realignment of approximately 3,500 linear feet of 42-inch, 1,000 linear feet of 30-inch, 500 linear-feet of 24-inch sanitary sewer main and 1,300 linear feet of 24-inch water main.
- Project Information:
 - Design Engineer – Hawkins-Weir Engineers, Inc.; \$423,600.00
(Design was under project 18-16-ED1 (R-119-18))
 - Construction Contractor – McKee Utility Contractors, Inc.
 - Inspection Services – Hawkins-Weir Engineers, Inc.; \$679,250.00 (R-119-22)

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1

- Project Details:
 - This project replaced, realigned, and increased the size of existing sanitary sewer mains to eliminate recurring Sanitary Sewer Overflows. Also included in this project was the realignment of a 24" water transmission line.

 - Sanitary Sewer Pipe Installed:
 - 24" Sewer Pipe - 480 LF
 - 30" Sewer Pipe - 1,042 LF
 - 42" Sewer Pipe - 3,514 LF

 - 4" Lateral Service Lines Installed - 210 LF

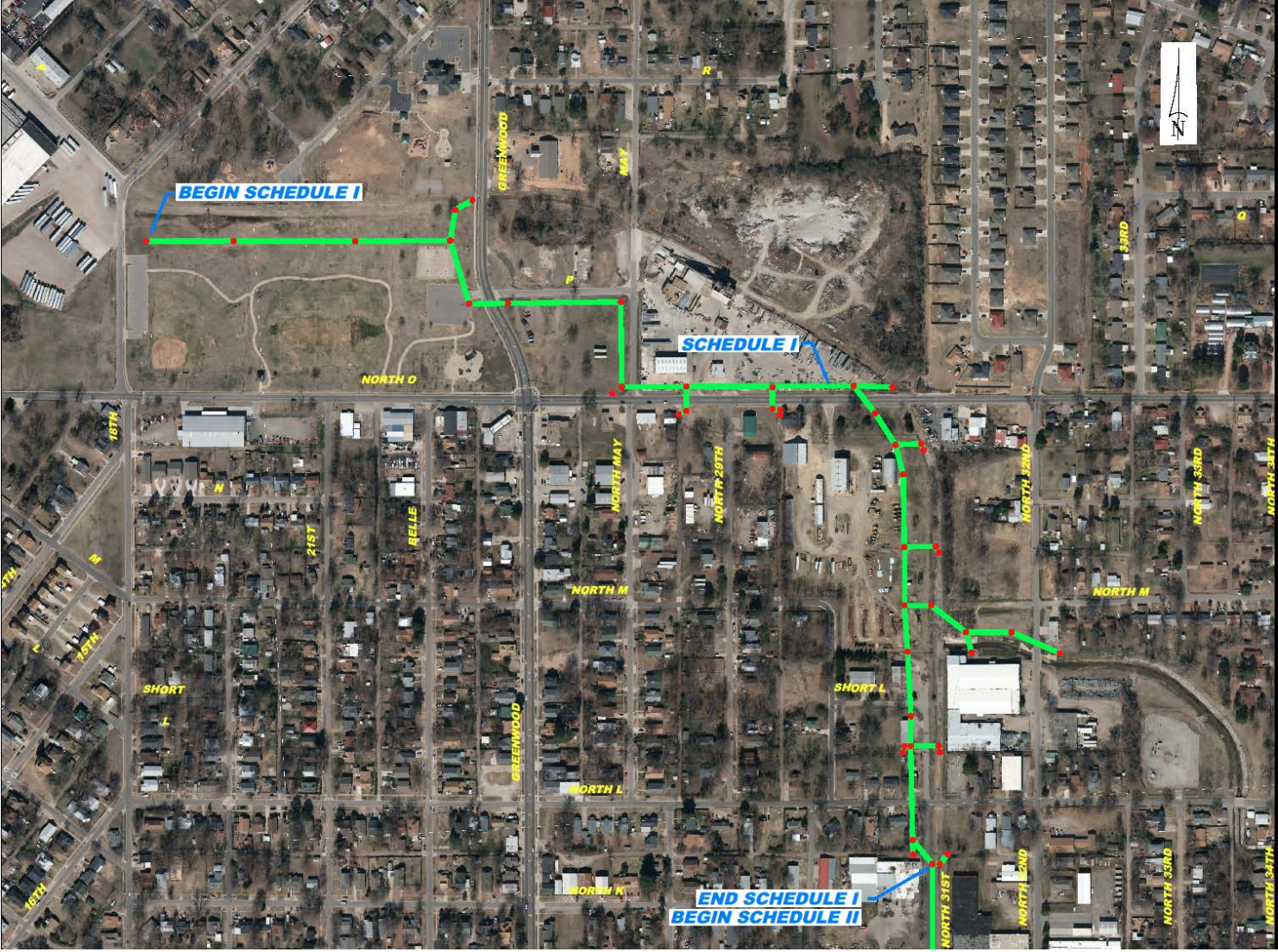
 - Manholes Installed:
 - 4' Dia - 19 EA
 - 6' Dia – 9 EA
 - Greater Than 6' Dia - 15 EA

 - Water Pipe Installed:
 - 6" - 420 LF
 - 24" - 1,332 LF

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1

Project Location Map



Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



Stockpiling 42" Fiberglass Pipe



Stockpiling Precast Manholes

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



Preparation For Laying Pipe Across MLK Park



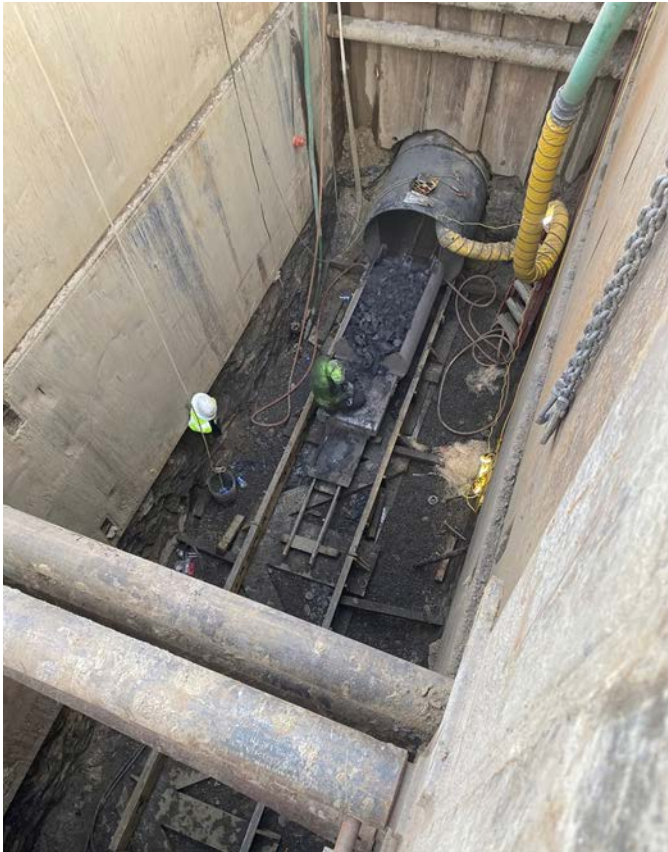
After Restoration

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



Mini Excavator Clearing Spoils From Tunneling Under Greenwood Avenue



Placing Pipe Casing Under May Avenue

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



Connecting 42-Inch Diameter Pipe To Manhole



Setting Precast Manhole

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



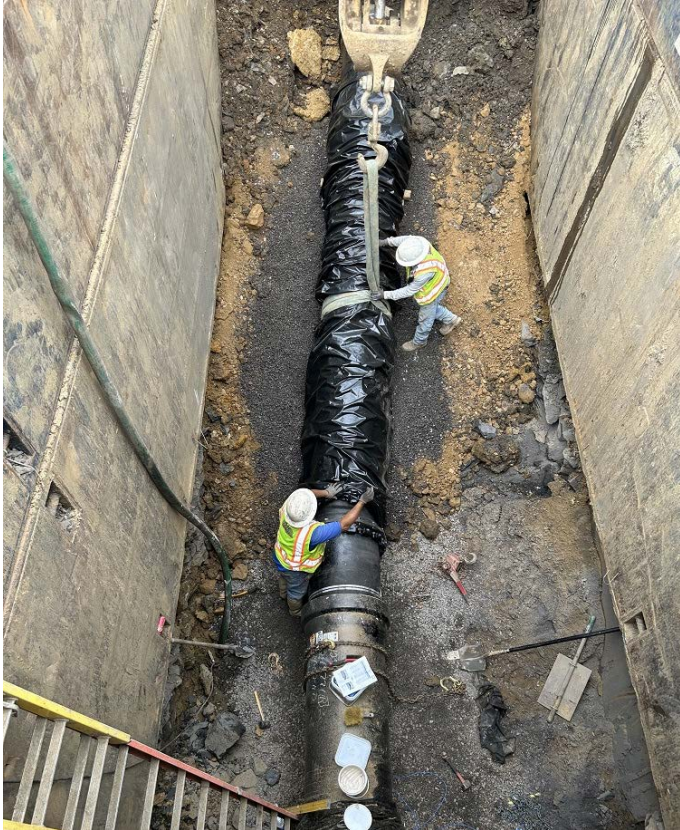
Utility Director McAvoy Discussing Value Engineering With Directors Martin and Morton



Project Sign Placed By Utility Department Communications

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



Placing 24-Inch Water Transmission Pipe



24-Inch Water Transmission Pipe Fitting

Basin 10 & 14 Capacity Improvements, Schedule 1

Project No. 21-22-C1



Old Basketball Court Surface



New Basketball Court

**CERTIFICATE OF
SUBSTANTIAL COMPLETION
WATER AND SEWER IMPROVEMENTS**

PROJECT: Basin 10 & 14 Capacity Improvements, Schedule I

PROJECT NO.: 21-22-C1

CONTRACT DATE: November 14, 2022

OWNER: City of Fort Smith Water Utilities Department

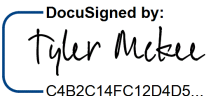
CONTRACTOR: McKee Utility Contractors, Inc.

DATE OF ISSUANCE: June 3, 2024

The Work performed under this Contract has been reviewed and found, to the ENGINEER's best knowledge, information, and belief to be Substantially Complete. Substantial Completion represents that the progress of the Work is sufficiently complete in accordance with the Contract Documents so that the OWNER can occupy and utilize the Work for its intended use. The date of the Substantial Completion of the project is hereby established as November 10, 2023, which is also the date of commencement of applicable warranties required by the Contract Documents.

A punch list of items is attached hereto. The failure to include any items on this punch list does not alter the responsibility of the Contractor to complete all work in accordance with the Contract Documents.

Hawkins-Weir Engineers, Inc. _____
By _____ Date _____

McKee Utility Contractors, Inc. _____
By  _____ Date 6/10/2024
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