



# Bentonville Water Utilities Capital Project Improvements

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## SEWER PROJECTS

### Spring Creek - Vaughn

This project involves the design and surveying of a new gravity sewer main extending approximately 6,700 linear feet along SW Regional Airport Boulevard. The sewer interceptor will run from the existing lift station at the Benton County Fairgrounds to the Little Osage Creek Interceptor, serving about 17 parcels of land.

#### Current Status:

- **Currently under construction with Ground Zero Construction Inc.**
  - Construction Value: \$1,818,008.00
- **Construction is funded in Bentonville Water Utilites 2025 Sewer Rehab Budget**

### Shewmaker (Phase 1) | Full Design of the Lower Shewmaker Sewer Basin

Phase 1 of the Shewmaker Sewer Basin project marks an essential step in upgrading Bentonville's sewer infrastructure to meet growing demands in the Lower Shewmaker Basin. With rapid development placing increased pressure on the existing system, this project focuses on expanding sewer capacity and improving long-term reliability.

#### Project Overview

The project includes replacing over a mile of aging sewer interceptors with larger, more durable pipe to improve capacity and reliability, from the new North Lift Station to just south of NE Tiger Blvd.

Design work is guided by an updated system model provided by the City and verified by a third-party expert. Surveys along the route are also underway to gather important data that will support both current and future project phases.

#### Current Status:

- The City has entered into an engineering agreement with Garver to complete the final design work for the southern portion of the Shewmaker basin.
- **Current Design Contract value: \$560,190.00**
- **Projected Design Completion: Q1 - 2026.**
- **Bidding for Construction Available: Q1 - 2026.**
- **Tree Clearing Bid Award Awaiting Council Approval 2/27/2026.**

## Shewmaker (Phase 2) | Full Design of the Upper Sewer Basin & North Lift Station

Phase 2 of Bentonville's Sewer Improvements and Master Plan is now in progress, focusing on expanding capacity in the rapidly growing Upper Shewmaker Basin. This phase includes important upgrades to support ongoing development and ensure the sewer system works efficiently for the future.

### Project Highlights: Phase 2

*Phase 2 includes major sewer system upgrades to support current and future growth*

- **Larger Sewer Interceptors:** Replacing outdated pipes with larger, more durable ones to increase capacity.
- **New Lift Station:** A high-capacity pump station will be built to handle growing wastewater needs.
- **New Force Main:** A new pipeline will carry wastewater to the treatment facility more efficiently.

### Current Status:

- BWU staff along with Garver Engineering has prepared the scope for future design on the southern portion of the Shewmaker basin.
- **Phase 2 Design is not under contract.**

## Town Branch (East and West) | Full Design of the Basin Sewer Improvements

As Bentonville grows rapidly, the City is actively upgrading our sewer system to meet future needs. The Bentonville Sewer Capacity Analysis focuses on important upgrades within the Town Branch Basin, a key part of our wastewater network.

These projects follow recommendations from the study that identified six priority areas for interceptor replacements and upsizing. These improvements will help prevent system overloads and ensure reliable service for both residents and businesses.

A Preliminary Design Report will verify the limits/sizes of upgrades recommended in the previously mentioned report and provide additional recommendations for upgrades and priority of projects to allow for expediting free capacity within the system; provide financial impact assumptions for proceeding with an atypical construction sequence; and include a review of the existing interceptor model with input of projected developments within the basin.

### Project Highlights: Sewer Pipe Upgrades

- Replacing smaller pipes with larger ones ranging from 12" up to 30" in diameter.
- Upgrades cover multiple areas with pipe lengths from a few hundred feet to over 4,000 feet.
- Bidding multiple sub projects to expedite capacity availability.

Several sewer interceptors throughout the Town Branch area will be upgraded to larger sizes to improve capacity and service reliability.

### Current Status:

- The City has entered into an engineering agreement with Garver to complete the final design work for all Town Branch sections in the Sewer Collections Analysis.
- Currently revising 60% design plans.
- **Current Design Contract value: \$1,338,223.00**
- **Projected Design Completion: Q3 2026.**

## South Basin Capacity Improvements

Bentonville Water Utilities will upgrade the wastewater system in the western area of the South Lift Station basin. The project aims to prevent sewer backups and increase capacity to support future growth.

Key work will include replacing or upsizing about 3,000 feet of sewer pipe near Dodson Road, evaluate and upgrade the lift station, and explore options like a storage basin or new discharge points.

Engineers will use advanced modeling tools to analyze the system and design the best improvements to keep our community's sewer system reliable.

### Current Status:

- The City has entered into an engineering agreement with Black & Veatch to complete design of South Basin Lift Station, Phase 1 Gravity.
- **Current Design Contract Value: \$2,710,773.00**

# WATER PROJECTS

## Mount Hebron Emergency Interconnection (BWU and RWU)

Rogers Water Utilities(RWU) and Bentonville Water Utilities(BWU)are collaborating on the construction of a new metered interconnection between Rogers' upcoming western corridor transmission line and Bentonville's existing 48-inch water transmission line. This connection will be located near Mount Hebron Park at 6174 Mount Hebron Road, Rogers, Arkansas.

### Project Overview:

Both Rogers and Bentonville will share the costs of constructing the interconnection equally. Bentonville will cover half of the base costs, which include design, construction, and all necessary components such as the metering vault. Rogers and Bentonville will work as equal partners throughout the project, regularly sharing updates on progress, schedule changes, and any scope modifications to ensure transparency and coordination.

This interconnection aims to improve the reliability and efficiency of water transmission for both communities.

### Current Status:

- This project is currently under design with Garver through Rogers Water Utilities.
- **Design and Construction Cost to BWU: \$195,566.00**
- **Funded in 2025 Budget**

## 090646 Utility Relocation for Highway 102 Widening

The Arkansas Department of Transportation (ARDOT) is planning to widen State Highway 102 (SW 14th Street) from Interstate 49 westward through J Street in Bentonville. This project aims to improve traffic flow and safety along this busy corridor.

BWU manages several water and sewer lines along this route that will need to be relocated to accommodate the road widening including:

- More than 14,000 feet of drinking waterpipes
- Over 4,000 feet of sewer pipes
- Approximately 25 or more sewer manholes

This collaboration between ARDOT and BWU is an important step toward enhancing infrastructure and supporting Bentonville's growth.

### Current Status:

- Halff Engineering, the City's engineering consultant, has submitted updated plans to ARDOT for review. BWU is currently waiting for ARDOT to finalize the right-of-way approvals before moving forward.
- **Current Preliminary Design Contract value: \$828,569.65**

## 090512 ARDOT 48-inch Water Transmission Main Relocation

Relocation of approximately 12,000 linear feet of 48-inch water transmission main along State Highway 112, from N. Wallis Road to Scoggins Road. Project is 99.53% reimbursable through ARDOT.

### Current Status:

- **Currently under construction agreement with Garney Companies, INC.**
  - Construction value: \$15,308,195.00
  - Construction Start Date: September 22, 2025
  - Construction Completion Date: November 21, 2026
- Easement Acquisition is ongoing.

## 090512 ARDOT 12-inch Water Line Relocation

Relocation of approximately 3,000 linear feet of 12 -inch water line along State Highway 112. Project is 100% reimbursable through ARDOT.

### Current Status:

- **Currently under construction agreement with Onpoint Excavation, LLC.**
  - Construction value: \$694,210.99
  - Construction Start Date: December 4, 2025
  - Construction Completion Date: May 2, 2026
- Easement Acquisition is complete.
  - Easement value: \$320,000.00

## WMP Project 1 – I Street 48-inch Water Transmission Main Extension

New installation of approximately 9,500 linear feet of 48-inch water transmission line along I Street, from 28th St. to I Street Tank site.

### Current Status:

- 90% design plans under review by City.
  - Design Contract value: \$1,185,670.00
- Easement Acquisition is ongoing.
- **Estimated Construction Value: \$16,304,949.00**
- Construction is *partially* funded.
  - **\$9,621,360.00 - ANRD Loan**
  - **\$6,683,589.00 - Funding Gap.**