



INFRASTRUCTURE UPDATE

Supplemental Inflow & Infiltration Reduction: Round Grove Basin

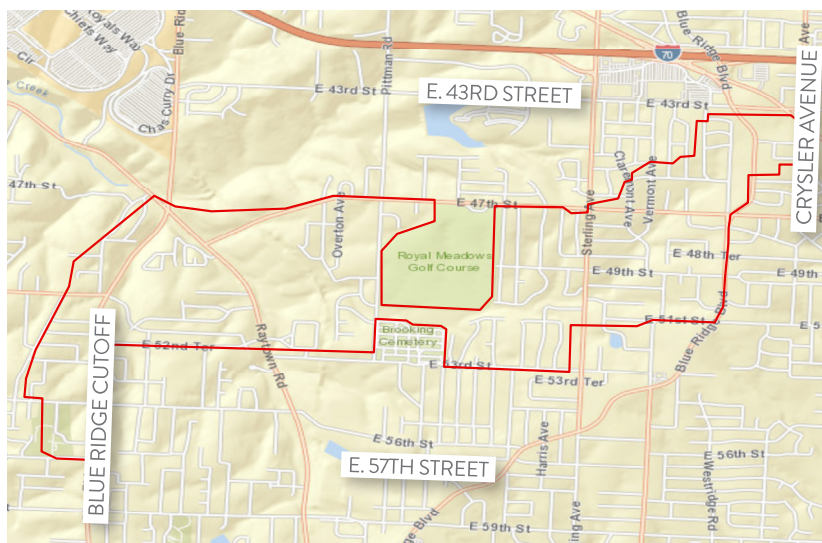
CONSTRUCTION TIMELINE: AUGUST 2022 - AUGUST 2023

KC Water constructed important improvements to the wastewater system in your neighborhood. This project rehabilitated sewer mains, service lateral connections, and manholes in your area to like-new conditions. Now complete, the project will improve the capacity of the wastewater collection system and reduce the volume of sewer overflows into local waterways.

Project Area

THIS PROJECT IS LOCATED WITHIN THE ROUND GROVE BASIN. THE BOUNDARIES ARE:

- North: E. 43rd Street
- South: E. 57th Street
- East: Chrysler Avenue
- West: Blue Ridge Boulevard



REPORT A PROBLEM:

REPORT AN ISSUE ONLINE: [KCMO.GOV/311](https://kcmo.gov/311)

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WHAT WORK WAS DONE?

Improvements were made to the wastewater system in this area including:

- 835 linear feet of open cut total line replacement
- 66 open cut point repairs
- 48,000 feet of cured-in-place-pipe lining
- Rehabilitation or replacement of up to 275 manholes

WHY INSTALL NEW WATER MAINS?

Existing water mains in some areas have reached the end of their useful life and will start to experience numerous breaks, causing service interruptions and related construction and traffic issues. The City is installing new water mains, which are expected to last more than 80 years. Part of the process includes replacing existing water meters with a new one.

WHY SEPARATE THE SEWERS?

In some neighborhoods, one pipe carries both wastewater and stormwater. This is called a combined sewer system. When it rains, the combined sewer system must carry both rainwater and wastewater. When wet weather overloads the system, the combined sewer system discharges diluted sewage into local waterways. The City is installing a second piping system to separate storm and sewer flows in targeted areas of the city, helping to reduce the volume of overflows into local waterways.

WHO'S DID THE WORK?

KC Water was assisted by its program manager, Burns & McDonnell; its design professional, CMT; and its construction contractor, Havens Construction.

WHAT'S THE "CONSENT DECREE"?

In 2010, the City of Kansas City, Missouri entered into a federal Consent Decree with the United States Environmental Protection Agency to reduce the volume of overflows from the City's sewer system. KC Water's Smart Sewer program is a 30-year effort to address this challenge. The Middle Blue River Basin Sewer Consolidation and Separation Project was one of more than 100 projects being implemented by the Smart Sewer program, and was required by the Consent Decree to be completed by December 31, 2018.