KC Water is working to construct important improvements to the wastewater system in your neighborhood, including separation of the combined sewer system into separate storm and sanitary sewers. Green infrastructure opportunities will also be identified as part of these improvements. When complete, the project will improve the capacity of the wastewater collection system and lessen the frequency of sewer overflows into local waterways and the potential for basement backups.

**PROJECT AREA**

**THIS PROJECT IS LOCATED WITHIN THE LOWER BLUE RIVER BASIN. THE BOUNDARIES ARE:**

- NORTH: 35TH STREET
- SOUTH: 44TH STREET
- EAST: ELMWOOD AVENUE
- WEST: COLLEGE AVENUE

**QUESTIONS?**

TO LEARN MORE, PLEASE CONTACT:

**PRIYA IYENGAR**
Project Manager
KC Water
(816) 513-0579
padmavathi.iyengar@kcmo.org

**CHARLIE SIEVERT**
Design Professional
HDR Engineering, Inc.
(913) 314-0225
charlie.sievert@hdrinc.com
WHAT’S BEING DONE?
For the design phase of this project, KC Water plans to:

- Perform various field investigations of private and public sewers
- Conduct combined sewer smoke testing
- Identify green infrastructure opportunities throughout the project area

WHY SEPARATE THE SEWERS?
In your area, one sewer 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 flows overload the system, the combined sewer system is designed to discharge diluted wastewater directly into local waterways. For this project, KC Water will be installing a second piping system to separate stormwater and wastewater flows, helping to reduce the frequency and volume of sewer overflows into local waterways. This improves water quality while protecting our natural environment and public health.

WHY IS GREEN INFRASTRUCTURE PART OF THIS?
Green infrastructure is designed to capture stormwater before it enters the sewer system, filter pollutants, and absorb stormwater into the soil. This helps to supplement traditional stormwater management, reducing downstream runoff and making room in the sewer system. Green infrastructure is also a starting place for other important community improvements, including replacement of sidewalks, expanding the tree canopy, and creating new amenities that benefit your community!

WHAT’S THE TIMELINE?
The preliminary design phase began in May 2019 and is anticipated to end in March 2020.

WHO’S DOING THE WORK?
KC Water will be assisted by its program manager, Burns & McDonnell, and its design professional, HDR Engineering Inc.

WHAT’S THE CONTRACT AMOUNT?
The estimated cost of the design phase of this project is $632,000.

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 and frequency of overflows from the City’s sewer system. KC Water’s Smart Sewer program is a 25-year plan to address this challenge. The 40th and Monroe Sewer Separation Project is one piece of the Smart Sewer program, and is required by the Consent Decree to be completed by December 31, 2023.