



smartsewer

INFRASTRUCTURE UPDATE

INFLOW & INFILTRATION REDUCTION: NORTH OF THE RIVER — BUCKEYE CREEK AREA

SEWER EVALUATIONS & DESIGN: JANUARY 2020 – JULY 2021

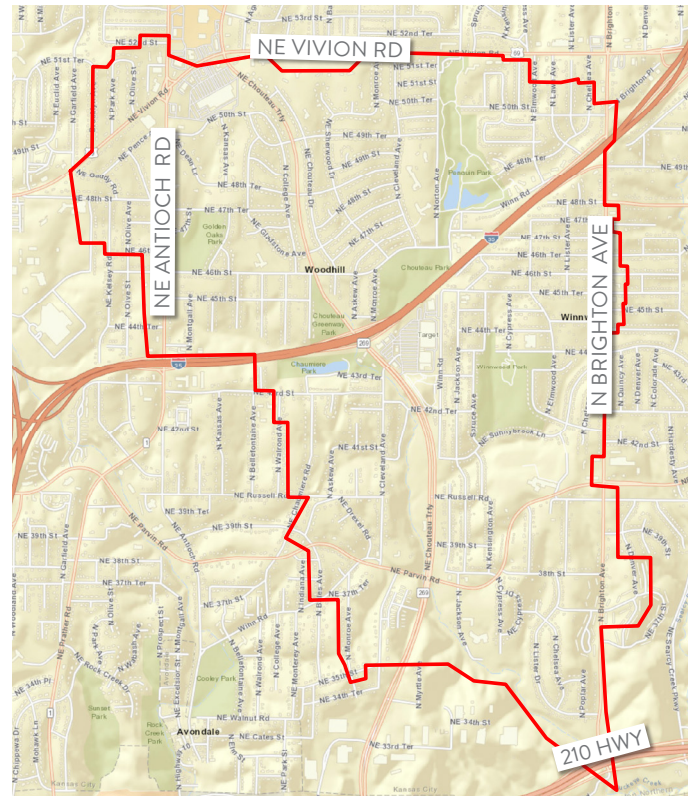
CONSTRUCTION: SEPTEMBER 2021 – DECEMBER 2022

KC Water is working to design and construct important improvements to the wastewater system in your neighborhood. This project will include the rehabilitation of sewer mains and manholes in your area to like-new conditions. 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 BUCKEYE CREEK BASIN. THE BOUNDARIES ARE:

- NORTH: VIVION ROAD
- SOUTH: 210 HWY (ARMOUR ROAD)
- WEST: NE ANTIOCH ROAD
- EAST: N BRIGHTON AVENUE



QUESTIONS?

TO LEARN MORE, PLEASE CONTACT:

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WHAT'S BEING DONE?

For the design phase of this project, KC Water plans to:

- Evaluate 270,000 linear feet of aging sewer main and 1,368 manholes in preparation for construction
- Conduct sanitary sewer smoke testing

WHAT'S SMOKE TESTING?

Smoke testing helps detect areas where rainwater may be entering the sewer system causing basement backups and sewer overflows. The smoke is non-toxic, harmless, has no odor and does not create a fire hazard.

WHAT'S THE TIMELINE?

The design phase will be ongoing from January 2020 to July 2021. Construction will begin in September 2021 and continue through December 2022.

WHAT CAN YOU EXPECT?

We appreciate your support and patience as we work to complete this important community project. Customers will be notified in advance of pending activity, which may include:

Design Phase (Jan. 2020 - July 2021)

- Smoke testing activities
- Manhole inspections
- Sewer pipe internal video inspections
- Dyed water testing

Construction Phase (Sept. 2021 - Dec. 2022)

- Large equipment creating noise and dusty conditions
- Temporary lane closures
- Temporary traffic disruptions
- Temporary sewer service disruptions

WHO'S DOING THE WORK?

KC Water will be assisted by its program manager, Burns & McDonnell, and its design professionals, Lamp Rynearson, Taliaferro & Browne and TREKK Design Group. The construction contractor has not yet been determined and will be selected through the City's open bid process.

WHAT'S THE CONTRACT AMOUNT?

The total budget for the design portion of this project is \$950,000. Construction is estimated to cost approximately \$8,500,000.

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 North of the River –Buckeye Creek Inflow & Infiltration Reduction Project is one piece of the Smart Sewer program, and is required by the Consent Decree to be completed by December 31, 2023.