

# INFRASTRUCTURE UPDATE

## GREEN INFRASTRUCTURE PROJECT 2-1: 63RD STREET & DANIEL MORGAN BOONE PARK

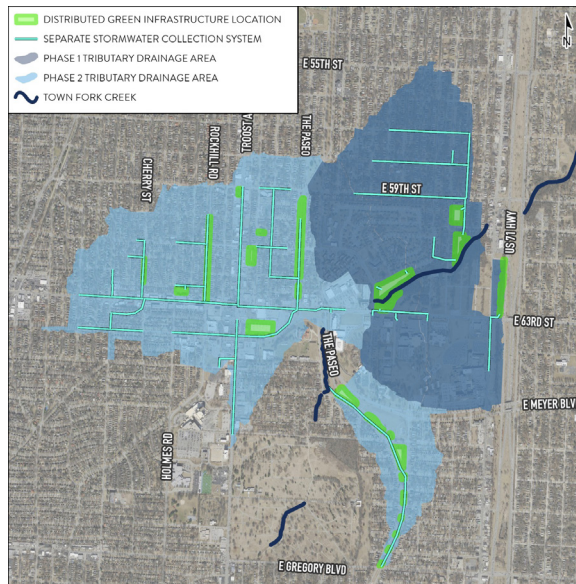
PHASE 1 PRELIMINARY DESIGN IS ANTICIPATED TO BE COMPLETE IN 2024

KC Water is undertaking a green infrastructure and stormwater collection system project in the Town Fork Creek Watershed, with Daniel Morgan Boone Park near the intersection of 63rd Street and Woodland Avenue being a prime location for green infrastructure. This project will largely utilize green infrastructure and native plants to help absorb excess stormwater and collect, treat and infiltrate stormwater runoff. Stormwater from the areas surrounding Daniel Morgan Boone Park will be collected and separated from the combined sewer system and conveyed to the green infrastructure components of the project. This major, multi-year Smart Sewer program project will be designed and constructed in multiple phases. When complete, this project will help protect our community’s environment by capturing stormwater before it enters the combined sewer system, which will lessen the sewer overflows into local waterways.

### Project Area

THIS PROJECT IS LOCATED AROUND DANIEL MORGAN BOONE PARK IN THE TOWN FORK CREEK WATERSHED. THE BOUNDARIES ARE:

- North: 55th Street
- South: Gregory Boulevard
- East: Bruce R Watkins Drive
- West: Morningstar Drive



### Questions?

TO LEARN MORE, PLEASE CONTACT:

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VISIT [KCSMARTSEWER.US/PROJECTS/DMB](https://www.kcsmartsewer.us/projects/dmb)  
TO LEARN MORE!





# Green Infrastructure Project 2-1: 63rd Street & Daniel Morgan Boone Park

## WHAT'S BEING DONE?

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

- Conduct extensive public engagement, stakeholder engagement and multi-department coordination to layer additional community benefits into the project
- Perform and analyze results of field investigation data to understand soil, bedrock and groundwater qualities and provide recommendations and design criteria for construction
- Evaluate design alternatives for the project, which will incorporate green infrastructure and stormwater collection
- Develop a preliminary design of the recommended design alternative

## WHY IS GREEN INFRASTRUCTURE PART OF THIS?

The 2012 Overflow Control Plan called for very expensive underground tunnel systems to store and convey wet weather sewer flows. The City's Third Amended Consent Decree, finalized in March 2021, allows for the use of adaptive management to evaluate alternative cost-effective solutions. A Conceptual Engineering Report was developed to integrate green infrastructure and stormwater collection systems to eliminate the need for large underground tunnel systems.

Green infrastructure helps our community manage stormwater the way nature intended by capturing and utilizing rainwater where it falls. It decreases the amount of water getting into our sewer system, improves water quality, and reduces flooding, pollution, and trash in our creeks, streams, and rivers. 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?

Phase 1 preliminary design is anticipated to be complete in 2024.

## WHO'S DOING THE WORK?

KC Water will be assisted by its program manager, Burns & McDonnell, and its design professional team led by Black & Veatch. KC Water is coordinating with other city departments to bring integrated public infrastructure investments to the project.

## WHAT'S THE CONTRACT AMOUNT?

The cost of the preliminary design phase of the project is \$3,150,000.

## 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 of wet weather overflows from the City's sewer systems. KC Water's Smart Sewer program is a multi-decade effort to address this challenge through 2040.