KC GREEN INFRASTRUCTURE

Explore & Discover

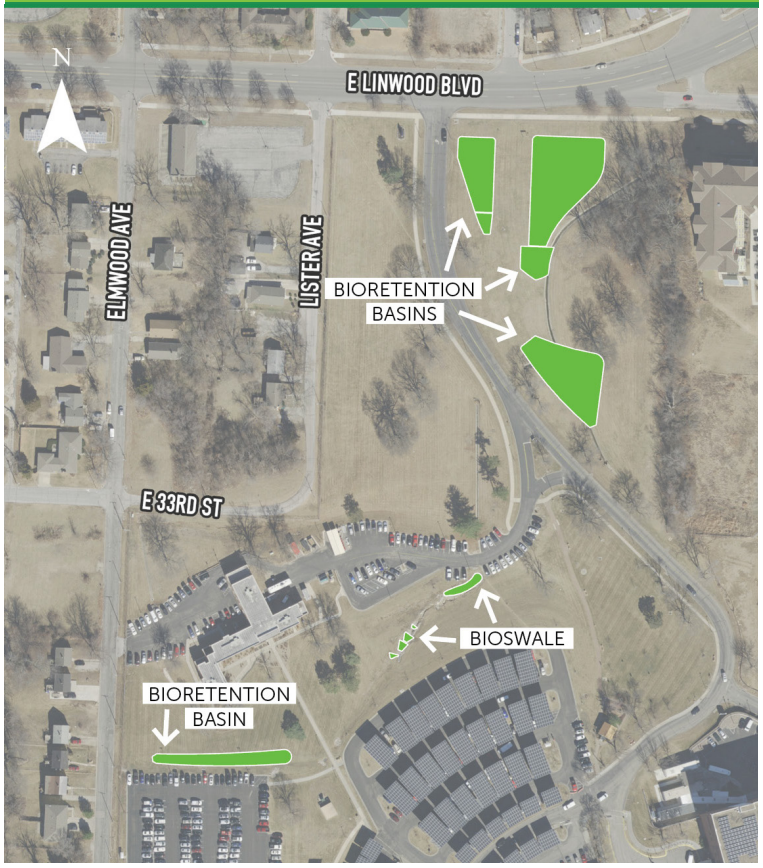
VA MEDICAL CENTER & LINWOOD GREEN PARK

Green infrastructure helps our community manage stormwater the way nature intended by capturing and utilizing rainwater where it falls. This project absorbs and filters stormwater from the VA Medical Center campus and Linwood Green Park. It also replenishes groundwater and sustains plants, trees, and natural habitats while working with gray infrastructure to increase the capacity of our underground pipes.

Project Snapshot

- **Details:** This project features three bioretention basins, a bioswale, and native plantings. These installations help collect, filter, and absorb stormwater runoff.
- **Cost:** This project and the Avenue of Life Green Infastructure project were completed in 2020 for approximately $2,200,000.

Project Area



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WHAT DOES THIS SITE DO?

GREEN INFRASTRUCTURE decreases the amount of water getting into our pipes, improves water quality, and reduces flooding, pollution, and trash in our streams, rivers, and lakes. The VA Medical Center & Linwood Green Park Green Infrastructure Project includes:

- **Bioretention basins** are filled with native plantings to help absorb excess stormwater from rooftops, sidewalks, and streets. Layers of rock and soil store the water. A buried underdrain system drains the excess water, controlling the slow release of water back to the sewer system.
- A **bioswale** works with other drainage channels to move stormwater downhill from the VA Hospital to Linwood Boulevard. It includes plants which help filter the stormwater and absorb some of it into the ground.

Bioretention Basins

Bioswale