KC GREEN INFRASTRUCTURE

## Explore & Discover

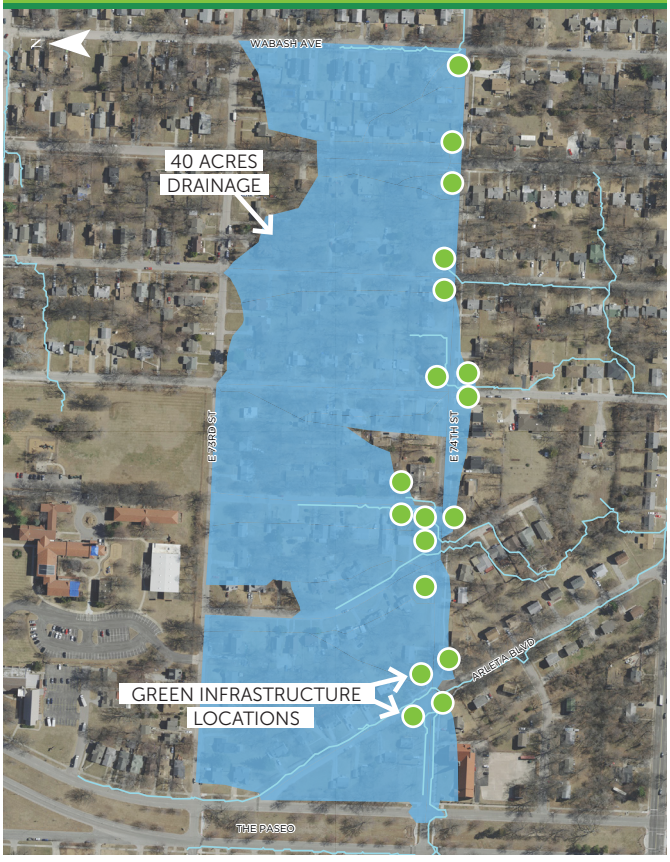
# TARGET GREEN MARLBOROUGH: 74TH STREET

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 approximately 40 acres in the Middle Blue River Watershed Basin. It also replenishes groundwater and sustains plants, trees, and natural habitats while working with gray infrastructure to increase the capacity of our underground pipes. What isn't absorbed overflows into the Blue River.

## Project Snapshot

- **Details:** 18 street-side bioretention basins collect stormwater from approximately 40 acres.
- **Cost:** Construction was completed in 2017 for approximately $1,700,000.
- **Additional Improvements:** This project also replaced water mains and hydrants, provided intersection improvements, and removed former dumping sites in the neighborhood.

## 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 Target Green Marlborough 74th Street green infrastructure project includes:

- **Bioretention basins** are filled with plants 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.

  Eighteen bioretention basins have been constructed along the 74th Street corridor, from Prospect Avenue to The Paseo Boulevard. Some of these basins also include additional underground storage for stormwater. Since this street is high in the watershed with steeper street slopes, distributed green infrastructure provides an opportunity to collect rainwater where it falls.

Before

After