

Martha Street Sewer Separation



COMPLETED DATE:

- Residential area – Q4 2012
- Lauritzen Gardens Sanitary & Storm Sewer – Q4 2013
- Lauritzen Gardens Storm Sewer Grading & CSO Abandonment – Q4 2013
- Martha Street to Riverview Lift Station – Q4 2013



COST AT COMPLETION:

- Residential Area – \$797,000
- Lauritzen Gardens Sanitary & Storm Sewer – \$8 million
- Lauritzen Gardens Storm Sewer Grading & CSO Abandonment – \$553,000
- Martha Street to Riverview Lift Station – \$2 million



PROJECT LOCATION:

- South Interceptor Basin



The purpose of the Martha Street Sewer Separation Project was to separate combined sewer flow in a portion of the South Interceptor Basin to reduce overall flow to the downstream combined sewer system and to reduce/eliminate overflows to CSO 112 located near 1st and Martha Streets.

Approximately 240 acres of the South Interceptor Basin bounded by Hickory Street on the north, the Missouri River levee on the east, Bancroft Street on the south, and South 9th Street on the west were separated as part of the project. The project was divided into two distinct areas for evaluation: the residential area and Lauritzen Botanical Gardens. Residential area work was completed in late 2012.

Lauritzen Botanical Gardens work was completed through two projects— Lauritzen Gardens Sanitary and Storm Sewer Separation and Lauritzen Gardens Storm Sewer Grading and CSO Abandonment.

The Martha Street to Riverview Lift Station Replacement Project is part of the Long Term Control Plan's South Interceptor Force Main Project. Since this project location was in a portion of the Lauritzen Botanical Gardens, the work was done concurrently.



Construction of the Martha Street Sewer Separation Project resulted in Missouri River water quality improvements. It decreased the overall combined sewer system flow downstream of the project location and reduced flow in the system that could eliminate CSO 112 located near 1st and Martha Streets.

Construction of the Martha to Riverview Project replaced the existing 18-inch sanitary sewer pipe from the Martha Street Diversion Structure to the Hickory Street Lift Station.