

Capacity Enhancing Projects

Congaree River Sewer Force Main Project (SS711502)



Project Status:



Cost: \$9.5 M

Special Note:

Benefits Downtown, West Columbia, Crane Creek Basin, & Saluda Basin

Project Description:

Added over 4 miles of 42" force main along the Congaree River

Public Benefits of Project:

- Improved Transmission to Metro Wastewater Treatment Plant
- Increased Collection System Capacity
- Reduced Sanitary Sewer Overflow Potential

West Columbia Pump Station Improvements (SS711501)



Project Status:



Cost: \$9.5 M

Special Note:

Benefits Downtown, West Columbia, Crane Creek Basin, & Saluda Basin

Project Description:

Pump station redesigned and overhauled for efficiency and to survive flooding

Public Benefits of Project:

- Improved Design to Survive Flooding
- Increased Pump Station Capacity
- Reduced Sanitary Sewer Overflow Potential

Major Outfall Rehabilitation (SS7073)



Project Status:



Cost: \$15 M

Special Note:

Benefits Downtown & Crane Creek Basin

Project Description:

Rehabilitated 2.5 miles of large diameter sewer lines that serve 1/3 of the City's sewer customers

Public Benefits of Project:

- Improved Transmission to Metro Wastewater Treatment Plant
- Increased Collection System Capacity
- Reduced Sanitary Sewer Overflow Potential

North Columbia Pump Station Improvements (SS7102)



Project Status:



Cost: \$4 M

Special Note:

Benefits Crane Creek Basin

Project Description:

Improved the pump station's ability to handle solids in the influent stream and provided better access for pump removal

Public Benefits of Project:

- Increased Operational Efficiency and Reliability
- Reduced Sanitary Sewer Overflow Potential
- Reduced Operating Costs

Crane Creek Phase 2 (SS695402)



Project Status:



Cost: \$4.3 M

Special Note:

Benefits Crane Creek Basin

Project Description:

Installed a 48" sewer line from Monticello Rd. to Brickyard Rd. north of I-20

Public Benefits of Project:

- Improved Transmission to Metro Wastewater Treatment Plant
- Increased Collection System Capacity
- Reduced Sanitary Sewer Overflow Potential

Broad River Pump Station Improvements (SS7101)



Project Status:



Cost: \$5.4 M

Project Description:

Addressed existing hydraulic, electrical, structural, and HVAC deficiencies and increased the pump station's pumping capacity

Public Benefits of Project:

- Reduced Sanitary Sewer Overflow Potential
- Increased Pump Station Capacity by 80%

Saluda River Pumping Station Upgrade (SS711601)



Project Status:



Cost: \$19 M

Special Note:

Benefits West Columbia & Saluda Basin

Project Description:

Upgraded the pump station's capacity, equipment, and downstream force main for efficiency and reliability

Public Benefits of Project:

- Increased Pump Station and Downstream Gravity Sewer Capacity
- Reduced Sanitary Sewer Overflow Potential
- Increased Pump Station Reliability and Efficiency

Burnside Gravity Sewer Main (SS7076)



Project Status:



Cost: \$6.5 M

Special Note:

Benefits Southeast Service Area

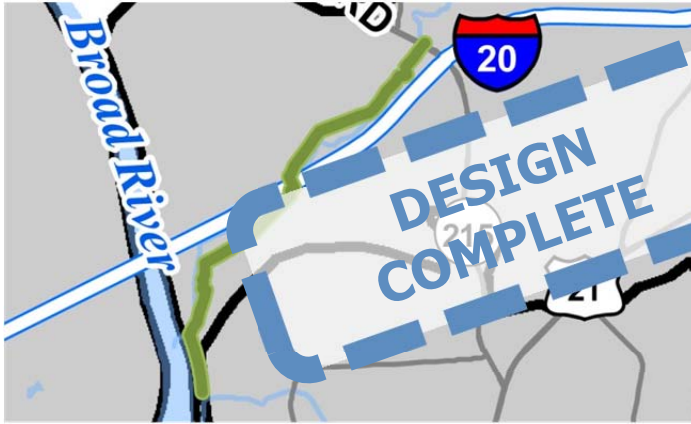
Project Description:

Installed over 3 miles of 30" gravity sewer in Southeast Service Area and removed a problematic pump station from the system

Public Benefits of Project:

- Increased Operational Efficiency and Reliability
- Reduced Sanitary Sewer Overflow Potential

Crane Creek Phase 1 (SS695401)



Project Status:



Budget: \$4.3 M.

Special Note:

Benefits Crane Creek Basin

Project Description:

Project will replace ~1.3 miles of 36" pipe with ~1/3 miles of 48" pipe. A temporary bypass will allow for additional capacity before this project is complete.

Estimated Bid Date: February, 2015*

* All future dates are estimated and subject to change.

Public Benefits of Project:

- Improved Transmission to Metro Wastewater Treatment Plant
- Increased Collection System Capacity
- Reduced Sanitary Sewer Overflow Potential