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:**
- Design & Permit
- Construct
- Operate & Maintain

**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:**
- Design & Permit
- Construct
- Operate & Maintain

**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

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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

**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

**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 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

**Project Status:**
Budget: $4.3 M.

**Special Note:**
Benefits Crane Creek Basin