

SS7560 Lower Crane Creek Storage Facility and Pump Station

Project Description: Project SS7560, Lower Crane Creek Storage Facility and Pump Station consists of the construction of an 8-million-gallon wet weather equalization storage tank and a corresponding Crane Creek Storage Pump Station with a flow rate capacity of 25 million gallons per day. The project is located just east of the Broad River on the City’s Old Eau Claire Wastewater Treatment Facility property at the confluence of the Crane Creek 48-inch outfall trunk sewer and the Smith Branch 36-inch outfall trunk sewer near Mountain Drive.

Objectives: The City’s existing Crane Creek trunk sewer, North Columbia Pump Station, and Rocky Branch / Congaree outfall trunk sewer cannot properly convey current peak 2-year storm event wet weather flows without excessive surcharging. This project, in conjunction with other conveyance projects currently under design within the Crane Creek basin, provides the necessary sewer capacity to accommodate the construction and startup of the Scout Motors facility while also allowing for additional growth in the Crane Creek, Smith Branch, and Rocky Branch sewer basins. Without the timely completion of this project, it is anticipated that a significant portion of the City’s wastewater service area may not be able to allow for additional development growth in the near future.

Project Type: Wastewater Capacity Enhancement

Council District: District 1

Project Funding: This project is being funded by a combination of three funding sources: South Carolina Department of Commerce Grant in the amount of \$25,108,181.25; South Carolina Infrastructure Improvement Grant in the amount of \$10,000,000.00; and City of Columbia Funds in the amount of \$34,084,433.15. Due to the external funding, this project did not qualify for a MPP or CDBE program requirement.

Current Project Status: Following council approval, construction is expected to begin in July 2024 with completion estimated by mid-2026.

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