

## Project Description

The east side of Greenville County near Greer, SC has experienced tremendous growth with residential development since the late 1990s. The majority of this growth is within the Enoree River Basin. Wastewater from the Upper Enoree Basin, which includes the Taylors area, receives secondary treatment from an aerated lagoon system constructed in the 1970s. In keeping with ReWa's long-term plan to consolidate wastewater flows for treatment at its larger and more technically advanced WWTFs, a large diameter gravity sewer was proposed to handle long-term growth in this basin and to convey wastewater from an outdated facility to a recently upgraded state-of-the-art facility.



## Rogers & Callcott Services and Results

**Preliminary Engineering Report** – Rogers and Callcott (R&C) was engaged by ReWa (formerly Western Carolina Regional Sewer Authority) to conduct a basin study to size the proposed gravity sewer, identify a preliminary route, and prepare a preliminary construction cost estimate.

**Project Description** – The Enoree Sewer project consisted of constructing approximately 17,000 L.F. of 60-inch gravity sewer with approximately 1,600 L.F. of smaller gravity sewers for connecting the existing system to the new sewer. This project involved navigable water crossings and the crossing of an interstate highway.

**Design** – Work included field survey, coordination with property owners, highway engineers, and other utilities affected by this project for final sewer routing, preparation of construction drawings and technical specifications for agency permitting, bidding, and construction.

**Regulatory Review** – Work included submittal of applications, calculations, construction drawings, technical specifications and other related items for SCDHEC construction permitting, stormwater permitting, SCDOT encroachment permitting, SC navigable waters, floodplain development, and coordination of wetlands permitting. Submittals and follow-up responses resulted in regulatory approvals and issuance of required permits to construct.

**Project Bid** – R&C prepared bid documents and coordinated advertising for bids. During the bid phase, R&C responded to bidder questions, issued addenda as required, received bids, reviewed bids, and issued letters recommending ReWa award to the most favorable bidder.

**Construction Phase** – Construction services provided were review of shop drawings, construction observation, monthly contractor pay request review, final inspections with regulatory agencies, and issuance of final certificates for agency approval to operate and contract closure.

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**Cost:** \$22,000,000