

WAYSIDE STREET INFRASTRUCTURE IMPROVEMENTS

STATE PROGRAM: Georgia Environmental Finance Authority

ASSISTANCE RECIPIENT: City of Cornelia

ASSISTANCE AMOUNT: \$2.8M



PROJECT DESCRIPTION

Before the Wayside Street Infrastructure Improvements, the City of Cornelia's sanitary sewer infrastructure was plagued with inflow and infiltration issues that caused sewer leaks. The City's stormwater infrastructure needed additional inlets, and streets had insufficient cross slope and curb height to manage stormwater properly. Additionally, stormwater flowed into neighborhood streets, covering more than half of each lane, which presented safety hazards for pedestrians and motorists. To address these issues, the City leveraged a Community Development Block Grant along with over \$2.8 million in CWSRF financing to replace a gravity sewer main and install manholes and service connections to provide a reliable sewerage collection system. Additionally, the project installed a new stormwater collection system, which included the installation of new storm pipes, inlets, curbs, gutters, sidewalks, and a triple box culvert.

The project created a partnership between the Georgia Department of Community Affairs and the Georgia Environmental Finance Authority to address water quality needs and the failing sanitary sewer infrastructure. Addressing sewage and stormwater issues helped eliminate health and safety concerns that resulted from sewer leaks and flooding. Additionally, the City will no longer have to contend with frequent breaks and repairs, issues with manhole spacing, or structures that have been placed on top of the sewer main. Lastly, driving hazards that resulted from the excessive water on the roads will be greatly reduced.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2021-02/documents/2020_pisces_compendium.pdf.