

City of Helen South Side Water System Improvements White County, Georgia

Services Provided:

Preliminary Planning
Funding Procurement
Surveying
Easement Acquisition
Design and Permitting
Program Management
Bid Phase Management
Construction Observation
Interagency Coordination

Project Data:

3,500 LF of Waterline
Installation
Groundwater Well
Development

Total Project Cost:
\$790,000

Date of Completion:
June 2019

Contact:

City of Helen
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During peak water demand periods, the City of Helen's water demand exceeded the withdrawal maximum and the City must purchase water from its emergency supply source. Moreover, the City was anticipating that the water demand would increase the construction of two new hotel resorts. In addition, water distribution and transmission system improvements were needed in order to provide adequate water supply, pressure, flow, and fire protection to the proposed hotels and throughout southside system.

The City, with the engineering services of EMI, developed a project to expand and upgrade the existing water distribution system that would enable the City to provide adequate fire protection and water supply to all existing and proposed customers.

EMI assisted the City in obtaining \$300,000 in Appalachian Regional Commission funds for the project by leveraging the job creation and private investment from the two proposed hotels in the City. The project included permitting challenges with Georgia EPD and Georgia DOT. Construction involved working in narrow rights-of-way, avoiding existing utilities, cutting and installing under pavement, and other tight working conditions.