



60-inch Water Transmission Main Engineering Design

August 20, 2014

Project Status: This project is currently under engineering design.

Project Description:

This project is for the engineering/design of 43,000 feet of new 60-inch water main that will run from the City's Lake Murray Water Treatment Plant to an existing 30-inch water line at the intersection of Broad River Rd. and Geology Rd. Once design is complete, this project will be considered for future construction.

Project Purpose:

The objective of the new water main is to increase the capacity and efficiency of moving water from the Lake Murray Water Treatment Plant to the St. James Elevated Storage Tank near Broad River Rd. and Geology Rd. This project will also serve as the initial phase of a water main designed to connect the Lake Murray Water Treatment Plant and the Canal Water Treatment Plant.

Project Facts:

- Although a specific date for construction cannot be set at this time, engineering design for projects of this size typically occurs 1-2 years before construction starts.
- 60-inch mains are among the largest diameter pipes in the City's drinking water transmission system.
- 43,000 feet is over 8 miles of pipe.