

Vest Water Treatment Plant to Franklin Water Treatment Plant

Water Pipe Project

Charlotte Water is beginning construction for an upcoming pipeline project in the Beatties Ford and Brookshire neighborhoods that will optimize the function of the water system in the growing community. Once completed, the new 16-inch pipeline will enhance the water treatment process for customers in the area.

- Construction start: August 2023
- Construction duration: 12 Months

Contractors will install more than 16,000 linear feet of 16-inch pipe from the Vest Water Treatment Plant (WTP) to the Franklin Water Treatment Plant (WTP). This new pipeline will allow for the transfer of waste solids (residuals) from the Vest WTP to the Franklin WTP, which has larger facilities and advanced processes in place to manage the residuals.

PROJECT GOALS

- Enhance the water treatment process for customers in the area
- Eliminate the cost of a third party removing the residuals from the Vest WTP

Areas near construction will be notified before fieldwork activities and construction. If there are any planned impacts to water service, customers will be notified in advance. If there is an unplanned water outage, crews will work to fix it immediately.

CONSTRUCTION ACTIVITIES TO EXPECT

Clearing – Crews will clear trees, bushes and shrubs along the easements following the alignment. Moving equipment on site – Crews will move construction equipment and materials to easements along the project site throughout construction.

Pipe delivery and storage – Pipe is delivered and stored within the construction easements.

Rock Blasting – Crews may remove underground rock formations by use of small, controlled blasting. Areas along the alignment where blasting is required will be determined shortly after site clearing and property owners within 500 feet radius of the blasting will be contacted further for pre-blast surveying. Blasting is a standard construction procedure in which holes are drilled into the rock for dynamite placement and covered with heavy mats. All safety precautions will be taken. Customers may hear a warning horn, a muffled noise, and slight vibration or rumble similar to a slammed door or thunder.

Establishing a safe work zone – Fencing will be installed around work areas and pipe will be stabilized.

Construction traffic – Dump trucks will travel along the alignment, within the easements and roadway.

Trench digging, placing pipe and backfilling

Excavation in the streets – replacing water valves and installing pipe in the streets.



For more information and updates on project progress visit the project webpage at bit.ly/vesttofranklin. For questions, please contact project manager Justin Webster, (980) 312-2768 or Justin.Webster@charlottenc.gov.

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