

**RICHLAND COUNTY GOVERNMENT  
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063  
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**MEMORANDUM**

**TO:** The Honorable Dalhi Myers, Richland County Council, District 10  
The Honorable Chakisse Newton, Richland County Council, District 11

**FROM:** Jani Tariq Hussain, Deputy Director of Utilities  
John M. Thompson, Ph.D., MBA, CPM, Assistant County Administrator

**Date:** May 15, 2020

**Subject:** Southeast Richland County Sewer & Water Systems Expansion Project Update

**CC:** Leonardo Brown, MBA, CPM, County Administrator

**Project Construction Update**

The Southeast Richland County Sewer & Water Systems Expansion Project construction continues per design. The information sometimes will look repeated since it is along a stretch of road in a tranquil country setting and staff anticipates that there should not be any barriers to impede progress. However, there are two property owners along Airbase Road requesting that no project work is performed on their property until their issues are properly addressed. These two property owners are concerned that the project may require the removal of some of their mature trees. County Attorney Larry Smith, Dr. John Thompson, Deputy Director Jani Hussain, and Joel Wood will meet with the concerned landowners on Monday, May 18, 2020 to address their concerns. In the interim, the construction crew is able to perform other project functions and staff does not envision that these citizens' concerns will adversely impact the project's timeline.

All four divisions of Phase 1 are in construction. The weekly report will provide updates on the progress of each division. The design shows the lines along Lower Richland Boulevard, Airbase Road, Congaree Road, Bluff Road, Reynolds Road, Cabin Creek Road, Ault Road, Trotter Road, Congaree Church Road, and Clarkson Road. The project status will also include the construction of sewer lines, water lines, lift stations, water service connections, and sewer service connection along the routes.

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It is important to note that the project is less than 1% complete at this time. Moreover, there will be no water and sewer service available for approximately 243 more days, which is the anticipated project completion date.

**DIVISION 1**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. The Crew will install 16” force main from Lower Richland Boulevard and heading west along Garners Ferry Road to the new lift stations site on Garners Ferry Road. Also, 16” force main will be installed from the intersection of Lower Richland Boulevard heading east along Air Base Road. The contractor was delayed by the railroad for approximately three weeks. Once the railroad inspectors are available, the contractor will begin to bore and jack a 24” steel casing with a 16” ductile iron carrier pipe under the railroad, at the intersection of Air Base Road and Lower Richland Boulevard. A date has not been determined.

The crew will have a flagger on Lower Richland Boulevard, Air Base Road, and Garners Ferry Road to help with traffic. The contractor is laying a 16” Ductile Iron pipe along the Lower Richland Boulevard. (See photo 1) The fire hydrants from the manufacturer have been delivered and the crew will be going back to the install them next week. (See photo 2)

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Photo 1: Laying 16” line Lower Richland Blvd



Photo 2: Fire hydrant delivered



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**DIVISION 2**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. A pipe crew will continue to install the water line along Congaree Church Road. The expected line install is three thousand feet and the design show three hydrants along Congaree Church Road scheduled for next week. The construction crew is awaiting delivery of the materials for the service connections. The installation of the water line will be located at the intersection of Whistle Top Road on Congaree Church Road. (See photo 3) The crew will have a flagger on the Congaree Church Road to help control traffic.



Photo 3: Installing water line on Congaree Church Road.

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**DIVISION 3**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. The clearing crew will continue to work along Cabin Creek Road from Minervaville Road to Congaree Road. During the week of May 18, 2020, the pipe crew will be connecting to the existing water line on Cabin Creek Road near the intersection of Cabin Creek Road and Gillwood Road. The contractor will also run a water line east along Cabin Creek Road toward Congaree Road. The Crew will install a force main and a water main at approximately the same time along Cabin Creek Road. A service connection for the new Hopkins Magistrates Office has been installed so landscaping can be completed at the site. The second Crew completed the installation of the wet well for the lift station at Hopkins Elementary School. (See photo 4) This division crew will be installing the three fire hydrants next week. The crew will have a flagger on the Cabin Creek Road for traffic.



Photo 4: Wet well installed at Hopkins Elementary School.



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**Division 4**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. A crew will continue installing gravity sewer from Bitternut Drive along Starling Goodson Road. (See photo 5) The contractor is performing air testing of the gravity sewer line that has been installed during the past two weeks. The installation of the wet well for the Trotter Road Lift Station has been delayed due to engineering review and approval of the final control system. The final control system is designed to power the lift station. The crew will have a flagger on Starling Goodson Road.



Photo 5: Flagger on Starling Road