

**RICHLAND COUNTY GOVERNMENT  
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063  
T 803-401-0050 | F 803-401-0030  
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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 22, 2020

**Subject:** Southeast Richland County Sewer and Water Expansion Project Update

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

**Project Construction Update**

The Southeast Richland County Sewer and Water 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. Dr. John Thompson and Joel Wood met with the concerned landowners on Monday, May 18, 2020 to address their concerns. These property owners provided the restrictions and dates when the construction should not happen due to scheduled weddings and concerns of access. The contractor is required to communicate and have the representative from the property present during construction along their property. We will make sure to abide by the agreed terms and keep the project's progress on track.

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 connections along the routes.

It is important to note that the project is less than 3% complete at this time. Moreover, there will be no water and sewer service available for approximately 229 more days, which is the anticipated project completion date.

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**DIVISION 1**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. The work was slowed this week due to weather. The crew had to stop working on the 16” force main from Lower Richland Blvd. going west along Garners Ferry Road to the new lift stations site due to repaving of Garners Ferry Road. This work is expected to restart during the first week in June. The contractor will continue installing 16” force main from the intersection of Lower Richland Blvd. going east along Air Base Road. The contractor is still delayed by the railroad for the bore and jack of 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. The work will begin when railroad inspectors are available. The contractor will begin the installation of an 18” HDPE pipe by directional drilling on Air Base Road and the bore and jack of a 24” steel casing with a 16” carrier pipe at Cross Hill Road and Air Base Road.

The contractor is laying a pipe along the Lower Richland Boulevard (See photo 1). The crew returned to install three fire hydrants along Air Base Road (See photo 2). The crew will have a flagger on Air Base Road to help with traffic.

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Photo 1: Laying line on Lower Richland Boulevard



Photo 2: Fire hydrant install



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**DIVISION 2**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. The work was delayed this week because of the weather. A pipe crew will continue to install the water line along Congaree Church Road. After the water line is installed, the contractor will move to install the water line on Farmstead Road. The installation of the 16” force main has been delayed due to repaving work by the SCDOT along Bluff Road. The contractor expects to begin this work the first week in June. The installation of the line using a bore and jack under the road. (See photo 3) The crew will have a flagger on the Congaree Church Road to help control traffic.



Photo 3: Installing line using bore and jack.

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**DIVISION 3**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. The work was delayed because of weather conditions. The clearing crew will continue to work along Cabin Creek Road from Minervaville Road to Congaree Road. The pipe crew will continue to install water lines from the intersection of Cabin Creek Road and Gillwood Road and running water line east along Cabin Creek Road toward Congaree Road. The crew will be installing force main and water main at approximately the same time along Cabin Creek Road. The second crew completed the installation of the wet-well for the lift station at Hopkins Elementary School. The crew began digging for installing the wet-well for the Franklin Park lift station. No new hydrants were installed in the past week due to weather conditions. The line install shown along Cabin Creek Road (See photo 4) The crew will have a flagger on the Cabin Creek Road for traffic.



Photo 4: Line installed Cabin Creek Road

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**Division 4**

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. The work was delayed due to weather conditions and the crew will continue installing gravity sewer from Bitternut Drive along Starling Goodson Road. Air testing of the gravity sewer line installed during the past week was delayed due to weather conditions. The installation of the wet-well for the Trotter Road Lift station has been delayed waiting on approval of shop drawing and material delivery but is scheduled beginning the first week in June. The clearing for the new force main along Lower Richland Boulevard will begin next week. The line installs shown at the crossing of Bitternut Drive and Trotter Road (See photo 5). The crew will have a flagger on Starling Goodson Road and Lower Richland Boulevard north of the intersection of Garners Ferry Road and Lower Richland Boulevard.



Photo 5: Line install Bitternut Drive

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**Additional Homes to Connect to the System**

The staff and consultant are working on providing service to additional customers that are not along the route for Phase I Project. Since construction has begun, interest in connecting to the system has increased and more people are inquiring about connecting to a public utility system. Many of these residents are not in the Phase I Project Area. These residents are within the Phase II Project Area and could be served once Phase II is complete. The cost estimates for a couple of Phase II areas were requested. The Allbene Drive 42 homes at Hopkins with the gravity system cost estimate \$1,482,000.00 and the 10 homes on Blessed Boulevard and Smith Myers Road off of Bluff Road west of Gadsden cost estimate is \$582,076.83. These estimates were submitted to Administration for review. Administration will provide a briefing document to the Administration and Finance Committee regarding Council's direction on next steps.