

**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 29, 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. The rain stopped or severely restricted work for all the divisions. The report is updated with new photos for the project from previous week.

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 222 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. Rain brought work to a halt this week and there is very little change this week due to weather. The crew had to stop working on the 16” force main from Lower Richland Boulevard 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 showing the valve install along the Lower Richland Boulevard (See photo 1). The fire hydrant install from last week (See photo 2). The crew will have a flagger on Air Base Road to help with traffic.

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Photo 1: Valve Install



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. Rain brought work to a halt this week and there is very little change this week due to weather. The crew finished installing water line along Congaree Church Road. The contractor moved to Farmstead Road and will begin installing the sewer line on Farmstead Road and will be working here for the next week. Installation of the 16” force main in Division 2 has been delayed due to repaving work by the SCDOT along Bluff Road. It is hoped that we can begin this work the second 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 Farmstead 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. Rain brought work to a halt this week and there is very little change this week due to weather. The rain slowed work in Division 3 and the crews will be working in the same area as last week. 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 installation of the wetwell for the lift station at Hopkins Elementary School and has begun installing the wetwell for the Franklin Park lift station. Because of the slow down due to weather conditions, no new hydrants were installed the past week. The line install shown along Cabin Creek Road (See photo 4) The crew will have a flagger on Cabin Creek Road for traffic.

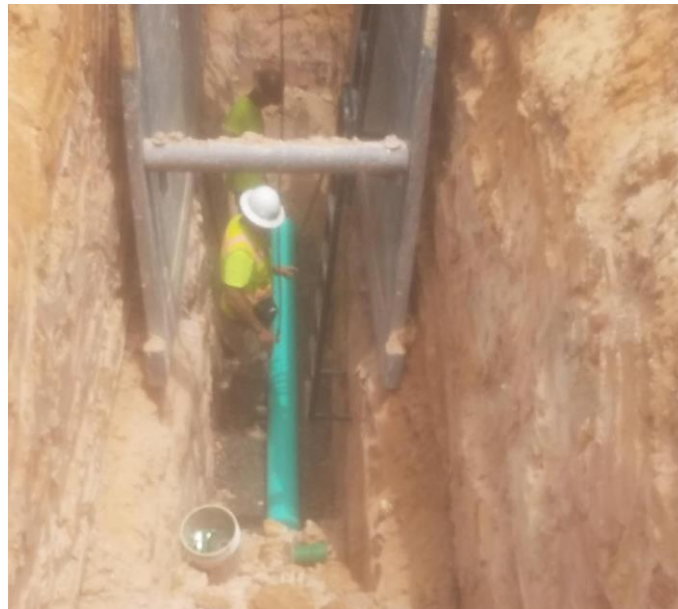


Photo 4: Line installed Cabin Creek Road

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Division 4

The staff continues to review shop drawings and approve materials for delivery to the material storage yard. Work was stopped this week due to weather conditions. Weather permitting, 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 three weeks was delayed due to weather conditions. The installation of the wetwell for the Trotter Road Lift station has been delayed waiting on approval of shop drawing and material delivery but is scheduled beginning the second week in June. Clearing for the new force main along Lower Richland Boulevard will begin next week. The crew installed a manhole on the gravity line (See photo 5). The crew will have a flagger on Starling Goodson Road and Lower Richland Boulevard.



Photo 5: Manhole for gravity Line

