

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
T 803-401-0050 | F 803-401-0030
rcu_services@richlandcountysc.gov | richlandcountysc.gov



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: June 5, 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 project work started back after the rain delay for all the divisions. The report is updated with new photos captured for the project work.

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 4% complete at this time. Moreover, there will be no water and sewer service available for approximately 215 more days, which is the anticipated project completion date.

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DIVISION 1

The staff has completed a review of shop drawings and approved materials for delivery to the material storage yard. The staff continues to inspect materials delivered to the storage yard for compliance with Project specifications. The rain has stopped and crews resumed work on Monday June 1, 2020 with the first part of the day spent checking the areas where work has been completed for any damage from the heavy rains and correcting any problems found. The work on the 16” force main from Lower Richland Boulevard west along Garners Ferry Road to the new lift stations site on Garners Ferry Road is still delayed due to repaving of Garners Ferry Road and installation of the new guard rail. It is hoped this work will be restarted during the third week in June. The contractor continued installing 16” force main from the intersection of Lower Richland Blvd. east along Air Base Road. The contractor is still delayed by the Railroad and 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 on the bore will begin when Railroad inspectors are available. The contractor completed 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. Next week the contractor will have three crews installing 16” force main along Air Base Road and a fourth crew will begin the installation of approximately 760’ of 18” HDPE by directional drill on Air Base Road.

The contractor is laying a pipe showing the line install along the Lower Richland Boulevard (See photo 1). The trenching for line (See photo 2). The crew will have a flagger on Air Base Road to help with traffic.

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Photo 1: Line Install



Photo 2: Trenching for line



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DIVISION 2

The staff has completed a review of shop drawings and approved materials for delivery to the material storage yard. The staff continues to inspect materials delivered to the storage yard for compliance with Project specifications. The rain has stopped and crews resumed work on Monday, June 1, 2020, with the first part of the day spent checking the areas where work has been completed for any damage from the heavy rains and correcting any problems found. The crew installed force main along Farmstead Road from a point near the railroad crossing to Highway 601 and then along Highway 601 to Reynolds Road. Next week, the crew will be installing 16” force main along Reynolds Road to Bluff Road. Installation of 16” force main along Bluff road, in Division 2, was delayed due to repaving work by the SCDOT along Bluff Road. It is hoped that we can begin installing 16” force main along Bluff Road when the crew finishes Reynolds Road. The preparing for installation of the line using a bore under the road. (See photo 3) The crew will have a flagger on the Reynolds Road to help control traffic.



Photo 3: Preparing for installing line using bore.

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DIVISION 3

The staff has completed a review of shop drawings and approved materials for delivery to the material storage yard. The staff continues to inspect materials delivered to the storage yard for compliance with Project specifications. The clearing crew has finished work along Cabin Creek Road from Minervaville Road to Congaree Road. The pipe crew has completed the installation of water lines from the intersection of Cabin Creek Road and Gillwood Road and running water line east along Cabin Creek Road. The crew will be installing force main and water main at approximately the same time along Cabin Creek Road from Elm Savannah Road to the intersection of Cabin Creek Road and Congaree Road. The second crew continues to work on the installation of the Wet-well for the lift station at Franklin Park. The Wet-well installation (See photo 4) The crew will have a flagger on the Cabin Creek Road for traffic.



Photo 4: Wet-well installation

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Division 4

The staff has completed a review of shop drawings and approved materials for delivery to the material storage yard. The staff continues to inspect materials delivered to the storage yard for compliance with Project specifications. The crew has completed the installation of gravity sewer from Bitternut Drive along Starling Goodson Road. Air testing of the gravity sewer line installed during the past four weeks was delayed and will be rescheduled for the third week in June. The installation of the Wet-well for the Trotter Road Lift station has been completed. Clearing of the route for the new force main along Lower Richland Boulevard is complete. The crew will begin the installation of the 6” force main beginning at the intersection of Bitternut Drive and Trotter Road and running west toward Rabbit Run Road. The crew installed a gravity line across the Bitternut Road (See photo 5). The crew will have a flagger on Trotter Road from Bitternut Road to Rabbit Run Road.



Photo 5: Gravity Line Crossing Bitternut Road