

**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: June 12, 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 progressing 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 10% complete at this time. Moreover, there will be no water and sewer service available for approximately 208 more days, which is the anticipated project completion date.

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DIVISION 1

The engineer arranged for an on-site meeting with material suppliers and the Contractor to review the American Iron and Steel Act (AISA) and to check materials for compliance. All materials checked had the initial compliance certifications and there were no materials on-site that did not comply with the AISA. The work on the 16” force main from Lower Richland Boulevard, west along Garners Ferry Road to the new lift station site is still delayed due to repaving of Garners Ferry Road and installation of new guard rail. It is anticipated that this work will be restarted during the third week in June. The contractor continued installing a 16” force main from the intersection of Lower Richland Boulevard, 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 allowed to work once COVID-19 restrictions have been lifted. The contractor completed the bore and jack of a 24” steel casing with a 16” carrier pipe at Horrell 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 continue the installation of approximately 760’ of 18” HDPE by directional drill on Air Base Road.

The contractor did a bore under Horrell Hill Road at Air Base Road (See photo 1). The crew will have a flagger on Air Base Road to help with traffic. A total of six (6) fire hydrants have been installed in Division 1.

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Photo 1: Bore under Horrell Hill Road

DIVISION 2

The engineer arranged for an on-site meeting with material suppliers and the Contractor to review the American Iron and Steel Act (AISA) and to check materials for compliance. All materials checked had the initial compliance certifications and there were no materials on-site that did not comply with the AISA. The crew installed force main from Hwy 601 along Reynolds Road toward Bluff Road. Next week the crew will be installing a 16” force main along Reynolds Road toward Bluff Road. The crew will work on two bores along Reynolds Road. Installation of 16” force main along Bluff road, in Division 2, is still 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 compaction of trench after line install with remote roller RT wacker. (See photo 2) The crew will have a flagger on the Reynolds Road to help control traffic. A total of twenty (20) fire hydrants have been installed in Division 2.

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Photo 2: Compaction of trench with wacker

DIVISION 3

The engineer arranged for an on-site meeting with material suppliers and the Contractor to review the American Iron and Steel Act (AISA) and to check materials for compliance. All materials checked had the initial compliance certifications and there were no materials on-site that did not comply with the AISA. The pipe crew finished the installation of water line and force main lines along Cabin Creek Road to Country Haven Road. The crew will be installing force main and water main at approximately the same time along Cabin Creek Road from Country Haven Road to Elm Savannah Road. The second crew finished the installation of the wetwell at Franklin Park Subdivision and install the wetwell at Hopkins Elementary School.

The valve installion Cabin Creek Road (See photo 3) The crew will have a flagger on the Cabin Creek Road for traffic. A total of eleven (11) fire hydrants have been installed.

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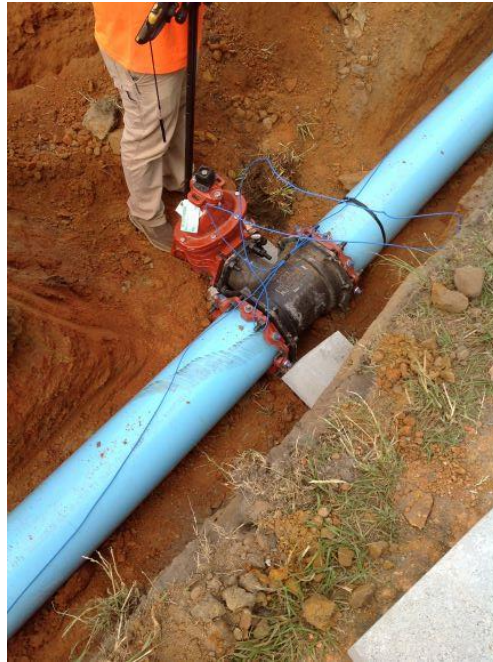


Photo 3: Valve installation

Division 4

Air testing of the gravity sewer line installed during the past four weeks was delayed by contractor to make sure lines settle and seal cures and ready to be tested. Contractor requested a scheduled for the fourth week in June. The installation of the wetwell for the Trotter Road Lift station has been completed. The crew began installation of the 6” force main beginning at the intersection of Bitternut Drive and Trotter Road and running west along Trotter Road toward Rabbit Run Road. The crew will continue installation of the 6” force main along Trotter Road toward Rabbit Run Road.

The crew installed a force main (See photo 4). The crew will have a flagger on Trotter Road from Bitternut Drive to Rabbit Run Road. There are no fire hydrants designed in Division 4.

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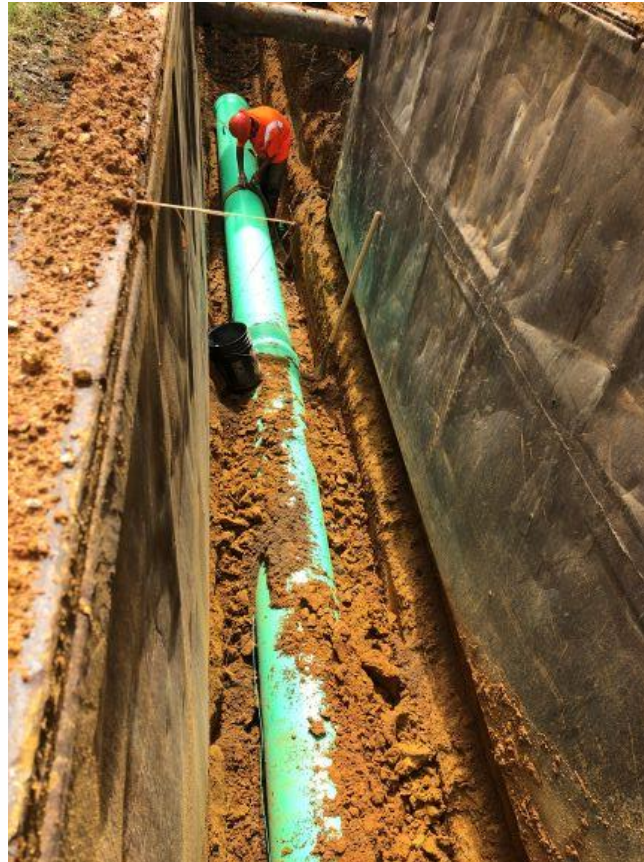


Photo 4: Line installation

