

**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: August 28, 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 continues at a good pace 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.

We have added the length of lines installed for each division. Moreover, there will be no water and sewer service available until June 30, 2021, which is the anticipated project completion date. It is important to note that the project is less than 23% complete at this time and 305 more days to complete.

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DIVISION 1

Last week one crew worked on connecting the water and force main bores under the railroad at the intersection of Air Base Road and Lower Richland Boulevard to the water line and force main previously installed. Next week one crew will continue to work on the tie-ins of water line and force main near the intersection of Air Base Road and Lower Richland Boulevard. A second crew will install a water line on Congaree Road near the intersection of Congaree Road and Congaree Church Road and tie to the waterline previously installed on Congaree Church Road.

Installed as of August 21, 2020	Installed week of August 31 to September 4, 2020	Total installed to date	Percent complete
FM 30,500 Feet	0 Feet	30,500 Feet	51.5%
Water 15,000 Feet	1,400 Feet	16,400 Feet	51.1%

The contractor installed a pipeline along Congaree Road (See photo 1). The crew will have a flagger on Congaree Road to help with traffic. A total of sixteen (16) fire hydrants have been installed in Division 1.



Photo 1: Pipeline installation

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DIVISION 2

Last week the crew installing the force main did not work for health issues. The second crew installed a water line on Bluff Road from Blackberry Road to Windsorwood Court. Next week one crew will be installing a water line on Bluff Road from Windsorwood Court toward Moore Lane.

Installed as of August 21, 2020	Installed week of August 31 to September 4, 2020	Total installed to date	Percent complete
FM 24,500 Feet	0 Feet	24,500 Feet	49.0%
Water 15,800 Feet	2,100 Feet	17,900 Feet	63.7%

The crew installed a valve on Bluff Road. (See photo 2). The crew will have a flagger on the Bluff Road for traffic. A total of twenty-four (24) fire hydrants have been installed in Division 2.



Photo 2: Valve installation

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DIVISION 3

Last week one crew installed force main from Cross Hill Road toward Horrel Hill Road. Next week one crew will be installing force main on Ault Road from Franklin Park Subdivision toward Clarkson Road.

Installed as of August 21, 2020	Installed week of August 31 to September 4, 2020	Total installed to date	Percent complete
FM 29,900 Feet	400 Feet	30,300 Feet	48.9%
Water 19,000 Feet	0 Feet	19,000 Feet	89.8%

The line installs along Cabin Creek Road (See photo 3). The crew will have a flagger on the Ault Road for traffic. A total of twenty-three (23) fire hydrants have been installed.



Photo 3: Pipeline installation



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DIVISION 4

Last week the crew installed force main on Lower Richland Boulevard from Long Trail Drive toward Quail Creek Drive. Next week the crew will continue installing force main between Long Trail Drive and Quail Creek Drive.

Installed as of August 21, 2020	Installed week of August 31 to September 4, 2020	Total installed to date	Percent complete
FM 5,970 Feet	1000 Feet	6,970 Feet	51.7%
Gravity 1,100 Feet	0 Feet	1,100 Feet	70.5%

The crew installing force main on Lower Richland Boulevard (See photo 4). The crew will have a flagger on Lower Richland Boulevard. There are no fire hydrants designed in Division 4.



Photo 4: Force main install