

**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: Bill Davis, Director of Utilities
John M. Thompson, Ph.D., MBA, CPM, Assistant County Administrator

Date: September 18, 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 41% complete at this time and 284 more days to complete. We had a meeting with City of Columbia and the Engineering Consultant to develop a capacity exhibit for this report in the future. This will help us answer and provide details to the developers interested in connecting to the Southeast Sewer system.

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DIVISION 1

Last week one crew made tie-ins of the force main to the directional bores previously installed along Air Base Road. The second crew finished water line on Congaree Road near the Gadsden Community Center Road. Next week one crew will be installing water line on Congaree Road from Old Congaree Run to the Cabin Creek Road junction. A second crew will be installing water line on Congaree Road from Gadsden Community Center Road to Goodwin Road.

Installed as of September 10, 2020	Installed week of September 14 to September 17, 2020	Total installed to date	Percent complete
FM 30,500 Feet	0 Feet	30,500 Feet	51.5%
Water 18,100 Feet	3,200 Feet	21,300 Feet	66.4%

The contractor manhole install on the Airbase Road (See photo 1). The crew will have a flagger on Congaree Road to help with traffic. A total of seventeen (17) fire hydrants have been installed in Division 1.



Photo 1: Manhole install

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DIVISION 2

Last week one crew install force main on Bluff Road from Valley Down Road to South Cedar Creek Road. Next week one crew will be installing water line from Blackberry Road to Windsorwood Court.

Installed as of September 10, 2020	Installed week of September 14 to September 17, 2020	Total installed to date	Percent complete
FM 27,500 Feet	2,700 Feet	30,200 Feet	60.4%
Water 17,900 Feet	0 Feet	17,900 Feet	63.7%

The crew line install 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: Line install

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DIVISION 3

Last week the crew made tie-ins and installing plug valves along Cabin Creek Road. Next week the crew will continue to make tie-ins and set plug valves and install force main on Ault Road.

Installed as of September 10, 2020	Installed week of September 14 to September 17, 2020	Total installed to date	Percent complete
FM 32,900 Feet	0 Feet	32,900 Feet	53.1%
Water 19,000 Feet	0 Feet	19,000 Feet	89.8%

The bore and jack along Congaree Road (See photo 3). The crew will have a flagger on the Cabin Creek 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 Quail Creek Drive to Huntwood Trail. Next week the crew will continue to install force main on Lower Richland Boulevard from Huntwood Trail toward Bloxome Drive.

Installed as of September 10, 2020	Installed week of September 14 to September 17, 2020	Total installed to date	Percent complete
FM 7,830 Feet	350 Feet	8,180 Feet	60.3%
Gravity 1,100 Feet	0 Feet	1,100 Feet	70.5%

The force main install along 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

