

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
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MEMORANDUM

TO: The Honorable Cheryl English, 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: January 15, 2021

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 listed the Contract completion dates below. These dates do not reflect any adjustments for rain, equipment, and material delivery delays (due to COVID -19). The delays will be monitored and the timeline will be adjusted with each report. The current Division 1, Division 2, and Division 2B substantial completion dates are January 10, 2021, with final completion February 9, 2021. Division 3 and Division 3B substantial completion dates are January 26, 2021, with final completion February 25, 2021. The Division 4 substantial completion date is March 7, 2021, with final completion April 6, 2021. We are currently compiling information with our engineer and plant equipment manufacturers to obtain quotes for repairs at the Eastover wastewater treatment plant to achieve full permitted capacity in conjunction with the new system demand.

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DIVISION 1

Last week the crews tied two directional drills under creeks. Next week the crews will tie-in the force main to the creek crossing on Congaree Road.

Installed as of January 7, 2021	Installed week of January 7 to January 14, 2021	Total installed to date	Percent complete
FM 49,000 Feet	500 Feet	49,500 Feet	83.7%
Water 28,400 Feet	1000 Feet	29,400 Feet	91.6%

The contractor installing line on the Airbase Road (See photo 1). The crew will have a flagger on Congaree Road to help with traffic. A total of thirty-one (31) fire hydrants have been installed in Division 1.



Photo 1: Line install

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DIVISION 2

Last week the crew tied the water line at the intersection of Bluff Road and Congaree Road. Next week the crew will install force main on Bluff Road from Moore Road toward Congaree Road. *We reconciled the weekly report with actual work to date and you will notice some adjustments in the totals and % complete. The difference was in being conservative in estimating to the nearest 100 feet the work completed for the weekly reports. The contractors did an end of year inventory and got a precise count of the work to date. The weekly report now balances with the year end inventory of work complete to date.

Installed as of January 7, 2021	Installed week of January 7 to January 14, 2021	Total installed to date	Percent complete
FM 43,624 Feet	0 Feet	43,624 Feet	87.2%*
Water 21,600 Feet	500 Feet	22,100 Feet	79.6%

The line install on Bluff Road. (See photo 2). The crew will have a flagger on the Bluff Road for traffic. A total of twenty-nine (29) fire hydrants have been installed in Division 2.



Photo 2: Line install

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DIVISION 3

Last week the crew tied the force main on Lower Richland Boulevard to two bores and one directional drill. Next week the crews will work on ties of bores to the force main on Lower Richland Boulevard. *We reconciled the weekly report with actual work to date and you will notice some adjustments in the totals and % complete. The difference was in being conservative in estimating to the nearest 100 feet the work completed for the weekly reports. The contractors did an end of year inventory and got a precise count of the work to date. The weekly report now balances with the year end inventory of work complete to date.

Installed as of January 7, 2021	Installed week of January 7 to January 14, 2021	Total installed to date	Percent complete
FM 58,400 Feet	0 Feet	58,400 Feet	94.3%*
Water 20,200 Feet	0 Feet	20,200 Feet	95.4%*

The line install on Lower Richland Boulevard (See photo 3). The crew will have a flagger on the Lower Richland Boulevard for traffic. A total of twenty-four (24) fire hydrants have been installed.

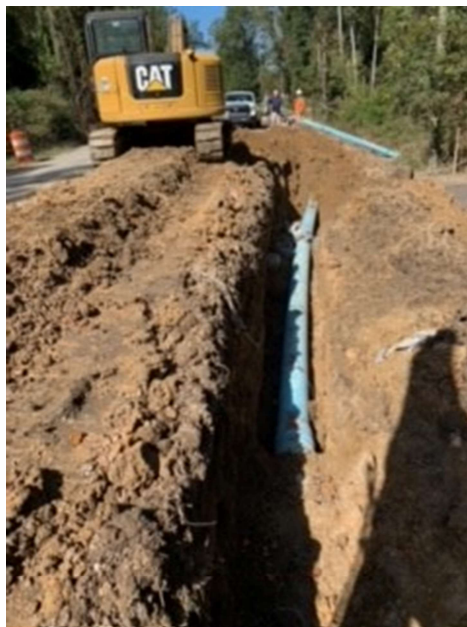


Photo 3: Line install

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DIVISION 4

Last week the crews worked on installing Air Release Valves and Check Valves. Next week the crew to start testing the force main.

Installed as of January 7, 2021	Installed week of January 7 to January 14, 2021	Total installed to date	Percent complete
FM 13,470 Feet	0 Feet	13,470 Feet	100.0%
Gravity 1,500 Feet	0 Feet	1,500 Feet	100.0%

The force main install along Lower Richland Boulevard (See photo 4). There will be no flagger required. There are no fire hydrants designed in Division 4.



Photo 4: Force main install