

**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: March 5, 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 on 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 worked on tie-ins of the force main and water lines at Congaree Road and Cabin Creek Road, where Division 1 and Division 3 interface. A second crew worked on connecting the Gadsden Elementary School and the Gadsden Recreation Center to the wet-well at the Gadsden Lift Station site. Next week the crews will continue work on the tie-ins at Congaree Road and Cabin Creek.

Installed as of February 25, 2021	Installed week of February 26, to March 5, 2021	Total installed to date	Percent complete
FM 49,800 Feet	500 Feet	50,300 Feet	84.9%
Water 29,400 Feet	0 Feet	29,400 Feet	91.6%

The contractor installing a line on the Airbase Road (See photo 1). The crew will have a flagger on Congaree Road and Cabin Creek 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 crews did not work due to COVID issues. Next week the crew will be installing valve vaults for the Gadsden School lift station. A second crew will be working on clean up, seeding of disturbed areas, and a third crew will continue with work at the Eastover Wastewater Treatment Plant if materials are delivered.

Installed as of February 25, 2021	Installed week of February 26, to March 5, 2021	Total installed to date	Percent complete
FM 47,924 Feet	0 Feet	47,924 Feet	95.8%
Water 23,900 Feet	0 Feet	23,900 Feet	85.1%

The line bore on Congaree Road. (See photo 2). The crew will have a flagger on Goodwin Circle near the Gadsden Elementary School for traffic. A total of thirty-two (32) fire hydrants have been installed in Division 2.



Photo 2: Line install

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DIVISION 3

Last week the crews worked on the force main and water line tie-ins at Cabin Creek Road and Congaree Road crossing connection. Next week the crews will continue with the tie-ins at Cabin Creek Road and Congaree Road and resume pressure testing.

Installed as of February 25, 2021	Installed week of February 26, to March 5, 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 crew installing line on the Lower Richland Boulevard (See photo 3). There is no flagger expected for traffic. A total of twenty-four (24) fire hydrants have been installed.



Photo 3: Line install



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DIVISION 4

There was no work from the main crews for Division 4. The majority of the work is complete until the new lift stations can be tied to the force main that delivers the wastewater to the Eastover Wastewater Treatment Plant.

Installed as of February 25, 2021	Installed week of February 26, to March 5, 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 crew installing line on the Lower Richland Boulevard (See photo 4). There will be no flagger required next week. There are no water lines installed and no fire hydrants designed in Division 4.



Photo 4: Force main install