

**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: April 9, 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 contractor worked on the tie-ins for water and sewer at near the G-Mart on Old Congaree Rd. Completed tie-ins, installed air release valves and check valves. Next week the crews will work on completing all remaining tie-ins for water and force main and connect at the Garners Ferry Road lift station. The remaining line to be installed is the McEntire force main and we will begin that soon.

Installed as of April 2, 2021	Installed week of April 5, to April 9, 2021	Total installed to date	Percent complete
FM 50,300 Feet	200 Feet	54,880 Feet	92.9%
Water 29,600 Feet	2,100 Feet	29,600 Feet	98.8%

The contractor installing a line on the old Congaree Road (See photo 1). The crew will have a flagger on Congaree Road and Old Congaree Run to help with traffic. A total of forty-three (43) 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. Next week the crew will begin testing, clean-up and reseeding.

Installed as of April 2, 2021	Installed week of April 5, to April 9, 2021	Total installed to date	Percent complete
FM 47,924 Feet	0 Feet	49,724 Feet	99.4%
Water 23,900 Feet	0 Feet	27,950 Feet	99.5%

The valve install Congaree Road. (See photo 2). The crew will have a no flagger. A total of thirty-seven (37) fire hydrants have been installed in Division 2.



Photo 2: Valve install



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DIVISION 3

The crews completed all tie-ins and the crews continued pressure testing along Horrel Hill Road and Lower Richland Boulevard. Next week the crews will continue pressure testing and work on seeding and cleanup.

Installed as of April 2, 2021	Installed week of April 5, to April 9, 2021	Total installed to date	Percent complete
FM 58,400 Feet	1,050 Feet	61,950 Ft.	99.4%
Water 20,200 Feet	0 Feet	21,150 Feet	99.9%

The line installing a Lower Richland Boulevard (See photo 3). There is no flagger expected for traffic. A total of twenty-six (26) fire hydrants have been installed.



Photo 3: Valve 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. Next week the crews will begin testing force main.

Installed as of April 2, 2021	Installed week of April 5, to April 9, 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