

**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 16, 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 worked on the tie-in for force main at Old Congaree Road & Congaree Road. They installed one air release valve and one plug valve. Next week the crews will work on completing all remaining installation of air release valves and plug valves and clean up.

Installed as of April 8, 2021	Installed week of April 8, to April 15, 2021	Total installed to date	Percent complete
FM 55,080 Feet	0 Feet	55,080 Feet	92.9%
Water 31,700 Feet	0 Feet	31,700 Feet	98.8%

The contractor installing a valve on the old Congaree Road (See photo 1). The crew will have a flagger on Congaree Road, Lower Richland Boulevard, and Air Base Road to help with traffic. A total of forty-three (43) fire hydrants have been installed in Division 1.



Photo 1: Valve install

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DIVISION 2

Last week the crews did not work. Next week the crew will install piping at the Gadsden Elementary School Lift Station.

Installed as of April 8, 2021	Installed week of April 8, to April 15, 2021	Total installed to date	Percent complete
FM 47,924 Feet	0 Feet	49,724 Feet	99.4%
Water 27,950 Feet	0 Feet	27,950 Feet	99.5%

The valve installation 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 installed the grinder pump and force main for the Fire Department located on Lower Richland Boulevard. Next week the crews will continue pressure testing along Cabin Creek Road.

Installed as of April 8, 2021	Installed week of April 8, to April 15, 2021	Total installed to date	Percent complete
FM 61,950 Feet	0 Feet	61,950 Feet	99.9%
Water 21,150 Feet	0 Feet	21,150 Feet	99.9%

The line bore on 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: Line bore

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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 8, 2021	Installed week of April 8, to April 15, 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 Trotter Road pump station (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: Bypass Pump install