

**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 26, 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 installed valve boxes and installed riser lids for the air release valves along Congaree Road. Four air release valves were set. Next week the crews will continue work on the tie-in and bore of the force main near Old Congaree Run. They will work on the tie-ins for water and sewer at the intersection of Congaree Rd and Cabin Creek Rd.

Installed as of March 11, 2021	Installed week of March 11, to March 18, 2021	Total installed to date	Percent complete
FM 50,300 Feet	0 Feet	50,300 Feet	84.9%
Water 29,600 Feet	0 Feet	29,600 Feet	92.2%

The contractor installing a line on the 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-two (42) fire hydrants have been installed in Division 1.



Photo 1: Line install

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**DIVISION 2**

Last week the crews made two tie-ins to directional drills along Bluff Road. They installed taps for 6 water services on Congaree Church Road. The plans for the crew are unknown at this time for what work will be completed next week. They plan to start the piping at the Gasden Elementary School lift station if approval is given.

Installed as of March 11, 2021	Installed week of March 11, to March 18, 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 manhole installs at Gadsden Elementary School. (See photo 2). The crew will have a flagger on Goodwin Circle near the Gadsden Elementary School for traffic. A total of thirty-seven (37) fire hydrants have been installed in Division 2.



Photo 2: Line install

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**DIVISION 3**

Crews continued pressure testing the water and force main along Cabin Creek Road. A couple of issues were found that they plan to fix next week and continue testing. They began pressure testing the 3” force main along Lower Richland Boulevard. Next week the crews will continue pressure testing along Cabin Creek Road and Lower Richland Boulevard.

Installed as of March 11, 2021	Installed week of March 11, to March 18, 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 a valve on the 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.

Installed as of March 11, 2021	Installed week of March 11, to March 18, 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