

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
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MEMORANDUM

TO: The Honorable Dalhi Myers, 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: November 6, 2020

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 continued installing the force main along Air Base Road from East Coast Steel toward McEntire Joint National Guard Base. A second crew installed valves at various locations. Next week one crew will be installing water line from East Coast Steel toward McEntire Joint National Guard Base and a second crew will continue to install valves and make tie-ins.

Installed as of October 29, 2020	Installed week of November 2 to November 6, 2020	Total installed to date	Percent complete
FM 37,700 Feet	2,100 Feet	39,800 Feet	70.7%
Water 25,800 Feet	0 Feet	25,800 Feet	80.4%

The contractor installs 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 crew worked on a horizontal directional drill at Griffins Creek and made a bore on Goodwin Circle at the Gadsden Elementary School. Next week the crews will install force main on Bluff Road and continue to install valves and make tie-ins.

Installed as of October 29, 2020	Installed week of November 2 to November 6, 2020	Total installed to date	Percent complet e
FM 32,800 Feet	1,200 Feet	34,000 Feet	68.0%
Water 20,900 Feet	0 Feet	20,900 Feet	74.4%

The crew bore and jack on Bluff Road. (See photo 2). The crew will have a flagger on the Griffins Creek for traffic. A total of twenty-seven (27) fire hydrants have been installed in Division 2.



Photo 2: Bore and jack

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DIVISION 3

Last week crews installed the force main to the Hopkins Elementary School lift station and installed force main on Lower Richland Boulevard from the new magistrate’s office toward Hopkins Park. Next week the crews will be installing force main on Lower Richland Boulevard from Sanoma Drive Toward High Bee Road.

Installed as of October 29, 2020	Installed week of November 2 to November 6, 2020	Total installed to date	Percent complete
FM 41,600 Feet	1,300 Feet	42,900 Feet	69.21%
Water 19,000 Feet	0 Feet	19,000 Feet	89.8%

The line install on Cabin Creek Road (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 crew continued installing force main on Lower Richland Boulevard between Bloxome Drive and Rabbit Run. Next week the crew will be installing force main on Rabbit Run from Lower Richland Boulevard toward Trotter Road.

Installed as of October 22, 2020	Installed week of November 2 to November 6, 2020	Total installed to date	Percent complete
FM 10,980 Feet	800 Feet	11,780 Feet	87.5%
Gravity 1,100 Feet	0 Feet	1,500 Feet	90.5%

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



Photo 4: Force main install