

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
T 803-401-0050 | F 803-401-0030
rcu_services@richlandcountysc.gov | richlandcountysc.gov



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: June 18, 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.

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DIVISION 1

Last week one crew worked on the wet-well at the Garners Ferry Road lift station. The crew finished testing all water main. They started pressure testing the force main near Garners Ferry Rd lift station. Next week the crews will continue to pressure testing of the force main on Congaree Road and a second crew will continue to install the wetwell for the Garners Ferry Road lift station. A third crew will begin working at McEntire.

Installed as of June 10, 2021	Installed week of June 10, to June 17, 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 crew installing wet-well line. (See photo 1). The crew will have a flagger on Congaree Road and Air Base Road to help with traffic. A total of forty-six (46) fire hydrants installation completed in Division 1.



Photo 1: Wet-well install

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DIVISION 2

Last week the crews installed force main at the WWTP from where they left off before entering the plant to near the tie in point for the force main to the headworks of the plant.

Installed as of June 10, 2021	Installed week of June 10, to June 17, 2021	Total installed to date	Percent complete
FM 47,924 Feet	600 Feet	48,524 Feet	99.8%
Water 27,950 Feet	0 Feet	27,950 Feet	99.5%

The contractor installed valve pit. (See photo 2). The crew will have a no flagger. A total of thirty-seven (37) fire hydrants installation completed in Division 2.



Photo 2: Valve pit



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DIVISION 3

The crews finished pressure testing all force mains and water lines apart from the lines at railroad crossings. Next week crews hope to finish minor clean up items and tie in electric at the lift stations.

Installed as of June 10, 2021	Installed week of June 10, to June 17, 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 contractor is pressure testing. (See photo 3). There is no flagger expected for traffic. A total of twenty-six (26) fire hydrants installation completed in Division 3.



Photo 3: Pressure test

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DIVISION 4

There was no work from the crews assigned to 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 June 10, 2021	Installed week of June 10, to June 17, 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 is installing a line (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: Line install