

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
T 803-401-0050 | F 803-401-0030 | TDD 803-576-2045
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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 11, 2022

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 December 1, 2021, with final completion on December 30, 2021. Division 3 and Division 3B substantial completion dates are January 26, 2022, with final completion March 7, 2022. The Division 4 substantial completion date is March 7, 2022, with final completion on April 6, 2022.

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DIVISION 1

The lift stations and force main in Division 1 have reached “Substantial Completion. A crew worked on punch list items and getting the water lines ready for a South Carolina Department of Health and Environmental Control (SCDHEC) inspection. One crew finished installing all water service connections. Next week crew will continue working on punch list items and taking water samples.

Installed as of March 3, 2022	Installed week of March 3, to March 10, 2022	Total installed to date	Percent complete
FM 59,549 Feet	0 Feet	59,549 Feet	100.0%
Water 32,083 Feet	0 Feet	32,083 Feet	100.0%

The crew completed valve install. (See photo 1). The crew will have a no flagger. Forty-six (46) out of forty-six (46) fire hydrants installation completed in Division 1.



Photo 1: Valve install



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DIVISION 2

A crew worked on flushing water lines, installing water service connections and getting the lines ready for a SCDHEC inspection. Next week a crew will work on clean up and punch list items and taking water samples for SCDHEC inspections.

Installed as of March 3, 2022	Installed week of March 3, to March 10, 2022	Total installed to date	Percent complete
FM 50,000 Feet	0 Feet	50,000 Feet	100.0%
Water 28,880 Feet	0 Feet	28,880 Feet	100.0%

The crew installing valve. (See photo 2). The crew will have a no flagger. Forty-three (43) out of forty-three (43) fire hydrants installation completed in Division 2.



Photo 2: Valve install



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DIVISION 3

The project has reached “Substantial Completion.” This week a crew finished connecting individual sewer service connections and worked on remaining punch list items. Next week the crew will begin activating individual service connections and continue to work on punch list items.

Installed as of March 3, 2022	Installed week of March 3, to March 10, 2022	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 crew installed the control box for service connection. (See photo 3). There is no flagger expected for traffic. Twenty-six (26) out of twenty-six (26) fire hydrants installation completed in Division 3.



Photo 3: Control box



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DIVISION 4

The majority of the work is complete on the new lift station and the force main that delivers the wastewater to the Eastover Wastewater Treatment Plant. Now the Trotter Road Lift Station can be tested and made ready for a SCDHEC inspection. Next week a crew will do a pump test on the Trotter Road lift station and get ready for a SCDHEC inspection. The flow from the Lower Richland High School Pump Station will be diverted to the gravity line that goes to the Garners Ferry Road Lift Station allowing the Trotter Road Lift Station to Pump to the Garners Ferry Road Lift Station.

Installed as of March 3, 2022	Installed week of March 3, to March 10, 2022	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 installed the grinder pump. (PS) (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: Grinder pump install

