

**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: December 10, 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 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 April 6, 2022.

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DIVISION 1

The electrician worked on the electrical for McEntire lift station (98% Complete) and they are making the conversion of the power from the existing WWTP to supply power to the lift station as agreed to by the power company and the County. The electrician worked on the Garners Ferry Road lift station. The paving of driveways was completed. A third crew worked on clean up and punch list items. Next week the electricians will connect electrical for the Garners Ferry Road lift station and finish work on the electrical for the McEntire lift station.

Installed as of December 2, 2021	Installed week of December 2, to December 9, 2021	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 installing Garners Ferry pump station bypass pump. (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: Garners Ferry bypass pump

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DIVISION 2

Last week, the contractor finished work on integration of the Gadsden pump station to SCADA. One crew worked on paving drives and punch list items and cleanup. Next week one crew will work on paving of driveways and punch list items.

Installed as of December 2, 2021	Installed week of December 2, to December 9, 2021	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 wet-well. (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: Wet-well install

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DIVISION 3

The majority of the work is complete until the new lift stations can be tested and tied to the force main that delivers the wastewater to the Eastover Wastewater Treatment Plant. The electrical work is complete on all lift stations and power is set at all stations today. Next week we will begin testing the lift stations in preparation for a SCDHEC inspection on December 21, 2021.

Installed as of December 2, 2021	Installed week of December 2, to December 9, 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 installing Hopkins Middle control panel. (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: Hopkins Middle Control Panel

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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. At this time no work is expected until Division 1 is operational.

Installed as of December 2, 2021	Installed week of December 2, to December 9, 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 Rd pump station (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: Trotter PS