

**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: November 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 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

Last week, the electrician finished the work on the electrical for the Garners Ferry Road lift station. They are waiting on the County approval so that they connection for power can be made. Also, the electrician worked on the electrical for McEntire lift station (98% Complete), and are still waiting on power company to let them know how power will be supplied to the site. A third crew worked on clean up, driveway paving, and punch list items. Next week the electricians will connect electrical for the Garners Ferry Road lift station after County approval and work on the electrical for the McEntire lift station. One crew will work on paving driveways and punch list items. The paving should be completed for Division 1 next week.

Installed as of November 18, 2021	Installed week of November 18, to November 24, 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 panel pad. (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.

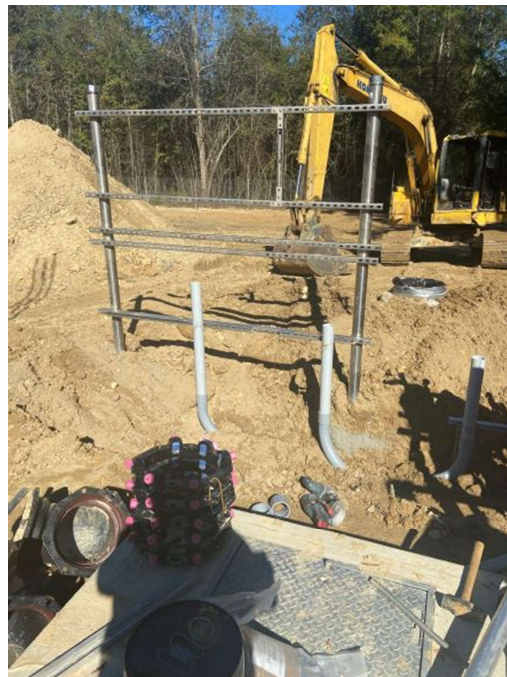


Photo 1: Control panel pad

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DIVISION 2

Last week, the Gadsden pump station was integrated for SCADA and a startup was held with the manufacturer. The permanent piping for the by-pass pump was installed at Gadsden pump station. The weir plates were installed at the Eastover Plant. Next week one crew will work on paving of driveways and punch list items.

Installed as of November 18, 2021	Installed week of November 18, to November 24, 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 completed valve pit coating. (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 pit



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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. Division 2 has SCDHEC approval for the lift station and force main that pumps the wastewater to the Eastover Wastewater Treatment Plan so we can begin test running the lift stations. One crew worked on water and sewer service connections. A second crew worked on punch list items and paving of Driveways. Next week the electricians will continue work on connecting power to the pump stations and we will begin test running of the pumps at all lift stations once they are connected. A second crew will continue work on service connections and paving of driveways.

Installed as of November 18, 2021	Installed week of November 18, to November 24, 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 junction manhole. (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: Junction manhole

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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. Last week one crew worked on electrical connections of the Trotter Road lift station and punch list items. The lift station site at Trotter Road was cleaned up. Next week one crew will work on finishing punch list items and the electrician will continue work at the Trotter Rd lift station.

Installed as of November 18, 2021	Installed week of November 18, to November 24, 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