

**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: October 22, 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 completed the piping at the McEntire lift station and the electrician set the control panels for the lift station. A second crew worked on general items such as installing Valve protector rings, pipeline markers and grouting air/vacuum valve manholes. A third crew completed site grading at the Garners Ferry lift station site and poured the concrete pad for the emergency by-pass pump at the Garners Ferry Road lift station.. Next week the electrician will work at the Garners Ferry Road lift station. A second crew will install the emergency by-pass pump at the Garners Ferry Road lift station and work on punch list items and clean-up.

Installed as of October 14, 2021	Installed week of October 14, to October 21, 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 by-pass pump 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: By-pass pump pad

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DIVISION 2

Last week the electrician finished the electrical work at the Gadsden lift station. A second crew began installing the fencing around the Gadsden lift station site. A third crew began working on connecting the new force main to the Eastover Wastewater Treatment Plant. Next week one crew will continue to work on completing any punch list items for Division 2 and the fence crew will complete install the fence at the Gadsden lift station. A third crew will complete connecting the new force main to the Eastover Wastewater Treatment Plant.

Installed as of October 14, 2021	Installed week of October 14, to October 21, 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 wall bore for inflow at Eastover plant. (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: Wall bore

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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. One crew dug the bore pit for the first railroad bore and began the railroad bore. A second crew worked on punch list items. Next week one crew will complete the first railroad bore and dig the bore pit for the second railroad bore. A second crew will continue to work on punch list items.

Installed as of October 14, 2021	Installed week of October 14, to October 21, 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 preparing for railroad bore. (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: Bore pit



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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.

Installed as of October 14, 2021	Installed week of October 14, to October 21, 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 line valve installation (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: Valve pit

