

**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:** February 18, 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**

A crew finished installation of a flow meter at McEntire lift station and a second crew worked on flushing water lines and getting them ready for a South Carolina Department of Health and Environmental Control (SCDHEC) inspection. Calibration of the McEntire flow meter is schedule next week. Next week we will have a SCDHEC inspection on the McEntire lift station and Garners Ferry Road lift station. A crew will work on punch list items and getting the water lines ready for a SCDHEC inspection.

Installed as of February 10, 2022	Installed week of February 10, to February 17, 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 by-pass pump 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: By-Pass pump



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**DIVISION 2**

A crew worked on flushing water lines. Next week a crew will work on clean up and punch list items and getting the water lines ready for a SCDHEC inspection.

Installed as of February 10, 2022	Installed week of February 10, to February 17, 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 grading McEntire lift station (LS). (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: McEntire LS



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**DIVISION 3**

All work is complete with the exception of a few punch list items and connect individual service connections. One crew worked on remaining punch list items and installing individual service connections. A second crew diverted the flow from the Franklin Park lagoon to the Franklin Park lift station, divert the flow from the Hopkins Elementary School wastewater treatment plant to the Hopkins Elementary School lift station, divert the flow from the Hopkins Middle School wastewater treatment plant to the Hopkins Middle School lift station and diverted flow from Hopkins Community Park. The wastewater from these three lift stations will be pumped to the Gadsden lift station then from the Gadsden lift station to the Eastover wastewater treatment plant. Next week the crew will continue working on individual service connections.

Installed as of February 10, 2022	Installed week of February 10, to February 17, 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 until the new lift stations can be tied to the force main that delivers the wastewater to the Eastover Wastewater Treatment Plant. Next week a crew will work on preparing the Trotter Road lift station for a pump test and work on punch list items.

Installed as of February 10, 2022	Installed week of February 10, to February 17, 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

