

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
T 803-401-0050 | F 803-401-0030
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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: July 23, 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 tested the force main on Congaree Road and a second crew worked on the Garners Ferry Road lift station. A third crew installed force main at McEntire. Next week one crew will continue working on the Garners Ferry Road lift station and a second crew will continue testing force main on Congaree Road. A third crew will continue laying force main at McEntire.

Installed as of July 15, 2021	Installed week of July 15, to July 22, 2021	Total installed to date	Percent complete
FM 56,080 Feet	1,000 Feet	57,080 Feet	96.3%
Water 32,083 Feet	0 Feet	32,083 Feet	100.0%

The crew installing wet-well. (See photo 1). The crew will have a no flagger. A total of forty-six (46) fire hydrants installation completed in Division 1.



Photo 1: Wet-well install

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DIVISION 2

Last week one crew work on sludge removal from the Eastover plant, pressure washing the basin in train one, and repairing valves at the chlorine contact chamber. A second crew worked on pressure testing force main on Bluff Road. A third crew worked on the Gadsden lift station. Next week one crew will pressure test force main on Bluff Road. A second crew will continue to work on the Eastover plant and the Gadsden lift station.

Installed as of July 15, 2021	Installed week of July 15, to July 22, 2021	Total installed to date	Percent complete
FM 48,524 Feet	0 Feet	48,524 Feet	99.8%
Water 27,950 Feet	0 Feet	27,950 Feet	99.5%

The crew cleaning Eastover plant. (See photo 2). The crew will have a no flagger. A total of forty-three (43) fire hydrants installation completed in Division 2.



Photo 2: Eastover Plant cleaning

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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. Waiting on scheduling flaggers with the Railroad to start work on the two remaining railroad boards.

Installed as of July 15, 2021	Installed week of July 15, to July 22, 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 line. (See photo 3). There is no flagger expected for traffic. A total of twenty-six (26) fire hydrants installation completed in Division 3.



Photo 3: Line install

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DIVISION 4

Last week one crew continued with pressure tested the force main on Lower Richland Boulevard. 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 July 15, 2021	Installed week of July 15, to July 22, 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 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 installation

