

**RICHLAND COUNTY GOVERNMENT  
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063  
T 803-401-0050 | F 803-401-0030  
rcu\_services@richlandcountysc.gov | richlandcountysc.gov



**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:** August 27, 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 16” force main line on Congaree Road between Air Base Road and Gadsden Elementary School. A second crew installed the surge valve vault and surge valve at the Garners Ferry Road lift station. Previous roadway cuts were repaired using flowable fill and asphalt pavement. They begin digging the bore pit for the bore under the railroad to McEntire. Next week one crew will continue testing force main on Congaree Road. The bore under the railroad to McEntire will be made next week.

Installed as of August 19, 2021	Installed week of August 19, to August 26, 2021	Total installed to date	Percent complete
FM 58,650 Feet	0 Feet	58,650 Feet	99.0%
Water 32,083 Feet	0 Feet	32,083 Feet	100.0%

The crew installing line at McEntire base. (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: Line install

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**DIVISION 2**

The electrician installed the control panels and electrical wiring at the Gadsden Elementary School lift station. Previous roadway cuts were repaired using flowable fill and asphalt pavement. Next week one crew will continue to wrap up any punch list items for Division 2.

Installed as of August 19, 2021	Installed week of August 19, to August 26, 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 installing valve pit. (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 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. Waiting on scheduling flaggers with the Railroad to start work on the two remaining railroad boars.

Installed as of August 19, 2021	Installed week of August 19, to August 26, 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 by-pass connection at pump station. (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: By-pass Connection

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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 August 19, 2021	Installed week of August 19, to August 26, 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 joint 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: Line installation