

**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: January 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 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. We are currently compiling information with our engineer and plant equipment manufacturers to obtain quotes for repairs at the Eastover wastewater treatment plant to achieve full permitted capacity in conjunction with the new system demand.

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DIVISION 1

Last week the crews made tie-ins on Air Base Road up to Congaree Road. Next week the crews will make tie-ins on Congaree Road.

| Installed as of January 15, 2021 | Installed week of January 18 to January 21, 2021 | Total installed to date | Percent complete |
|----------------------------------|--|-------------------------|------------------|
| FM 49,500 Feet | 0 Feet | 49,500 Feet | 83.7% |
| Water 29,400 Feet | 0 Feet | 29,400 Feet | 91.6% |

The contractor installing valve on the Airbase Road (See photo 1). The crew will have a flagger on Congaree Road to help with traffic. A total of thirty-one (31) fire hydrants have been installed in Division 1.



Photo 1: Line install

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DIVISION 2

Last week the crew installed force main on Bluff Road from Moore Road toward Congaree Road. Next week the crew will install force main from the Gadsden Dollar General to the Gadsden Elementary School.

| Installed as of January 15, 2021 | Installed week of January 18 to January 21, 2021 | Total installed to date | Percent complete |
|----------------------------------|--|-------------------------|------------------|
| FM 43,624 Feet | 1,800 Feet | 45,424 Feet | 90.8% |
| Water 22,100 Feet | 0 Feet | 22,100 Feet | 79.6% |

The line install on Bluff Road. (See photo 2). The crew will have a flagger near the Gadsden Elementary School for traffic. A total of twenty-nine (29) fire hydrants have been installed in Division 2.



Photo 2: Line install

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DIVISION 3

Last week the crew worked on ties of bores to the force main on Lower Richland Boulevard. Next week the crew will work on tie-ins on Martin Luther Kings Boulevard and Clarkson Road.

| Installed as of January 15, 2021 | Installed week of January 18 to January 21, 2021 | Total installed to date | Percent complete |
|----------------------------------|--|-------------------------|------------------|
| FM 58,400 Feet | 0 Feet | 58,400 Feet | 94.3% |
| Water 20,200 Feet | 0 Feet | 20,200 Feet | 95.4% |

The line install on Lower Richland Boulevard (See photo 3). The crew will have a flagger on the Martin Luther King Boulevard for traffic. A total of twenty-four (24) fire hydrants have been installed.



Photo 3: Line install

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DIVISION 4

Last week the crews did not work. Next week the crews are waiting on the delivery of pumps.

| Installed as of January 15, 2021 | Installed week of January 18 to January 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 force main install along Lower Richland Boulevard (See photo 4). There will be no flagger required next week. There are no fire hydrants designed in Division 4.



Photo 4: Force main install