

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
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MEMORANDUM

TO: The Honorable Dalhi Myers, 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: December 18, 2020

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 one crew installed force main on Air Base Road near Waverly Plantation. The second crew installed air release vales and did clean-up work and hydro-seeded disturbed areas. Next week the crew will continue with force main on Air Base Road near the back gate of McEntire. The crew will not be working on Thursday and Friday next week due to holidays.

| Installed as of December 17, 2020 | Installed week of December 21 to December 25, 2020 | Total installed to date | Percent complete |
|-----------------------------------|--|-------------------------|------------------|
| FM 46,500 Feet | 1,000 Feet | 47,500 Feet | 80.2% |
| Water 26,800 Feet | 0 Feet | 28,400 Feet | 88.5% |

The contractor installing line on the Airbase Road (See photo 1). The crew will have a flagger on Airbase 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 the intersection of Congaree Road east toward Moore Lane. Next week the crew will install force main on Bluff Road from Moore Lane toward Congaree Church Road. The crew will not be working on Thursday and Friday next week due to holidays.

| Installed as of December 17, 2020 | Installed week of December 21 to December 25, 2020 | Total installed to date | Percent complete |
|-----------------------------------|--|-------------------------|------------------|
| FM 36,500 Feet | 800 Feet | 37,300 Feet | 74.6% |
| Water 21,600 Feet | 0 Feet | 21,600 Feet | 76.9% |

The line install on Bluff Road. (See photo 2). The crew will have a flagger on the Bluff Road for traffic. A total of twenty-eight (28) fire hydrants have been installed in Division 2.



Photo 2: Line install

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DIVISION 3

Last week the crew installed force main on Lower Richland Boulevard from Old Creek Road toward Chapel Creek Road. Next week the crew will continue installing force main on Lower Richland Boulevard between Old Creek Road and Chapel Creek Road. The crew will not be working on Thursday and Friday next week due to holidays.

| Installed as of December 17, 2020 | Installed week of December 21 to December 25, 2020 | Total installed to date | Percent complete |
|-----------------------------------|--|-------------------------|------------------|
| FM 50,200 Feet | 1,100 Feet | 51,300 Feet | 82.8% |
| Water 19,000 Feet | 0 Feet | 19,000 Feet | 89.8% |

The line install on Lower Richland Boulevard (See photo 3). The crew will have a flagger on the Lower Richland 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 crew repaved driveways and did clean-up work along the force main routes. Next week the crews will continue clean-up work and will work on the Trotter Road Lift Station valves and piping. The crew will not be working on Thursday and Friday next week due to holidays.

| Installed as of December 17, 2020 | Installed week of December 21 to December 25, 2020 | 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. There are no fire hydrants designed in Division 4.



Photo 4: Force main install