

**RICHLAND COUNTY GOVERNMENT
UTILITIES DEPARTMENT**

7525 Broad River Road, Irmo, SC 29063
T 803-401-0050 | F 803-401-0030 | TDD 803-576-2045
rcu_service@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: January 21, 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

The sub-consultant worked on installing the Supervisory Control and Data Acquisition (SCADA) system for all lift stations. As weather permitted the crew worked on clean-up and punch list items for the Garners Ferry Road lift Station and the McEntire lift station. Next week the sub-consultant will finish installing the SCADA system for all lift stations. As weather permits, a crew will work on finishing site work at the Garners Ferry lift station and the McEntire lift station.

| Installed as of January 13, 2022 | Installed week of January 13, to January 20, 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 installed the valves. (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.

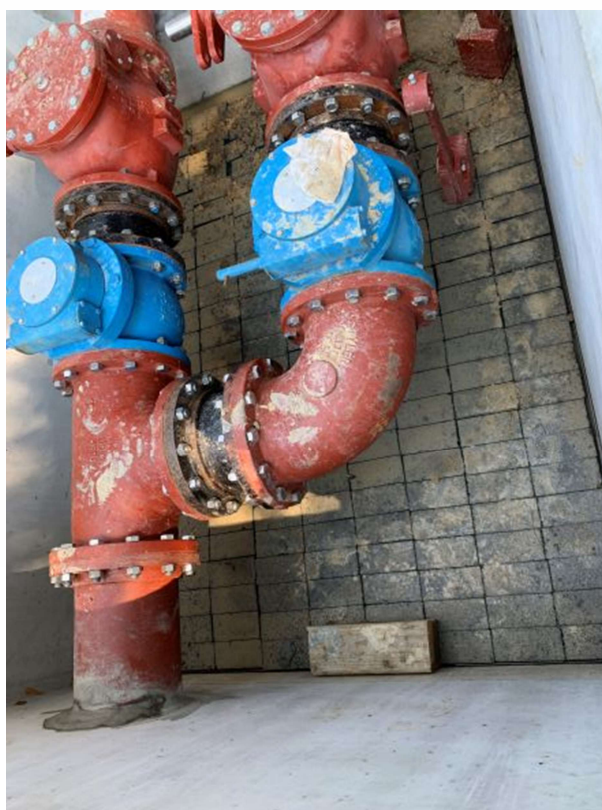


Photo 1: Valve install



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DIVISION 2

The weather slowed work on punch list items and the crew working on the paving of driveways could not work because of weather. Another crew finished work and tested the replacement gravity sewer on Rabbit Run. Next week, weather permitting, the paving crew will finish paving of driveways. A second crew will work on clean-up and punch list items.

| Installed as of January 13, 2022 | Installed week of January 13, to January 20, 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 crew installed a manhole install. (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.

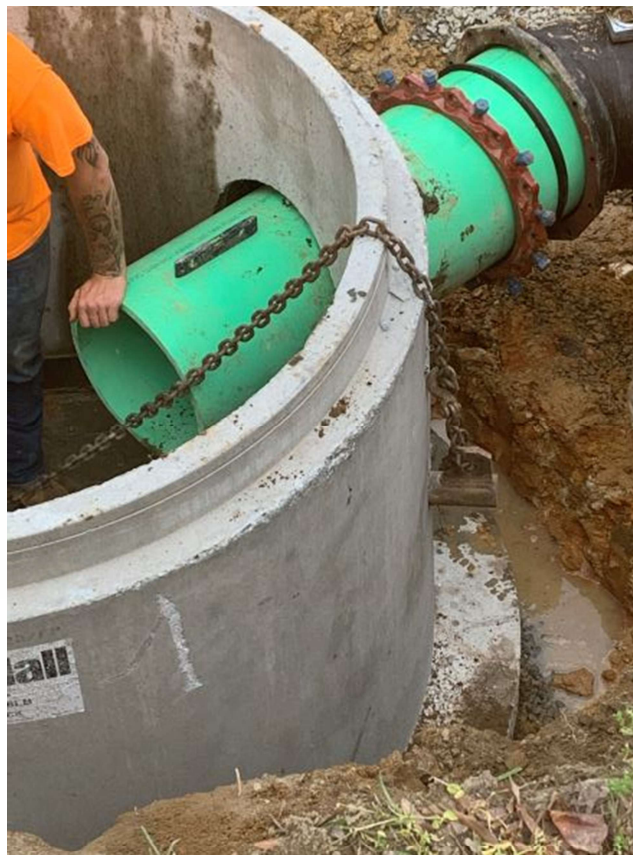


Photo 2: Manhole install



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DIVISION 3

The sub-consultant worked on installing the SCADA system for all lift stations. Weather prohibited work on the installation of individual sewer service connections. Next week one crew will work on installing individual sewer service connections and punch list items. The sub-consultant will finish installing the SCADA system for all lift stations.

| Installed as of January 13, 2022 | Installed week of January 13, to January 20, 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 Franklin Park control panel. (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 panel



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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. The sub-consultant worked on installing the SCADA system for all lift stations. Weather conditions prohibited work on the Trotter Road lift station and working on punch list items. Next week the sub-Consultant will finish work on the SCADA System. A second crew will work on preparing the Trotter Road lift station for a pump test and work on punch list items.

| Installed as of January 13, 2022 | Installed week of January 13, to January 20, 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 Trotter Rd control panel. (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: Control panel

