

**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: April 15, 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

A crew worked on punch list items, getting the water lines ready for a South Carolina Department of Health and Environmental Control (SCDHEC) inspection scheduled for April 22, 2022. Next week the crews will continue working on punch list items and installing individual sewer service connections.

Installed as of April 7, 2022	Installed week of April 7, to April 14, 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 graded the McEntire pump. (See photo 1). The crew will have a no flagger. Forty-six (46) out of forty-six (46) fire hydrants installation were completed in Division 1.



Photo 1: McEntire pump



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DIVISION 2

Last week a crew worked on cleanup and punch list items and getting water lines ready for a SCDHEC inspection scheduled for April 21, 2022. All water samples passed and the SCDHEC inspection is scheduled for April 21, 2022. Next week one crew will work on punch list items and project closeout.

Installed as of April 7, 2022	Installed week of April 7, to April 14, 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 canopy at the Gadsden pump station. (See photo 2). The crew will have a no flagger. Forty-three (43) out of forty-three (43) fire hydrants installation were completed in Division 2.



Photo 2: Gadsden pump station



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DIVISION 3

The project has reached “Substantial Completion.” This week a crew worked on the remaining punch list items and activated individual sewer service connections. All service connections are now activated and in use. Next week the crew will schedule an inspection to see that all punch list items are complete.

Installed as of April 7, 2022	Installed week of April 7, to April 14, 2022	Total installed to date	Percent complete
FM 61,950 Feet	0 Feet	61,950 Feet	100%
Water 21,150 Feet	0 Feet	21,150 Feet	100%

The crew installed the grinder system at a home. (See photo 3). There is no flagger expected for traffic. Twenty-six (26) out of twenty-six (26) fire hydrants installation were completed in Division 3.



Photo 3: Grinder system install



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DIVISION 4

The majority of the work is complete on the new lift station and the force main that delivers the wastewater to the Eastover Wastewater Treatment Plant. Crews tied the Lower Richland High School force main into the gravity line diverting the flow to the Garners Ferry Road Lift Station. In addition, the Swandal lift station and force main were tied into the gravity line that goes to the Garners Ferry Road lift station. Next week the crews will connect the Myers Creek lift station to the gravity line that goes to the Garners Ferry Road lift station. In addition, a crew will do a pump test on the Trotter Road lift station and get ready for a SCDHEC inspection.

Installed as of April 7, 2022	Installed week of April 7, to April 14, 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 connected Myers Creek pump station to the sytem. (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: Myers Creek connection

