

**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 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: October 23, 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.

**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



DIVISION 1

Last week the crews continued to install force main on Congaree Road from Cabin Creek Road to Old Congaree Road. Next week the crews will continue installing the force main on Congaree Road and South Goodwin Circle to the Gadsden Elementary School lift station site.

Installed as of October 16, 2020	Installed week of October 19 to October 23, 2020	Total installed to date	Percent complete
FM 37,200 Feet	2,200 Feet	39,400 Feet	66.5%
Water 25,800 Feet	0 Feet	25,800 Feet	80.4%

The contractor installs line on the Airbase Road (See photo 1). The crew will have a flagger on Congaree Road to help with traffic. A total of twenty-six (26) fire hydrants have been installed in Division 1.



Photo 1: Line install



**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



DIVISION 2

Last week the crew made all ties of the force main to the directional drills along Reynolds Road, installed plug valves and air release/ vacuum valves on Bluff Road. Next the crews will continue to install plug valves and air release/ vacuum valves on Bluff Road.

Installed as of October 16, 2020	Installed week of October 19 to October 23, 2020	Total installed to date	Percent complete
FM 32,800 Feet	0 Feet	32,800 Feet	65.6%
Water 20,900 Feet	0 Feet	20,900 Feet	74.4%

The crew bore and jack on Bluff Road. (See photo 2). The crew will have a flagger on the Farmstead Road for traffic. A total of twenty-seven (27) fire hydrants have been installed in Division 2.



Photo 2: Bore and jack

**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



DIVISION 3

Last week crew installed force main on Clarkson Road from Lemonwood Circle towards Martin Luther King Boulevard and down Martin Luther King Boulevard towards the Hopkins Middle School lift station site. Next week the crews will be working on clean up, seeding and installing plug valves at various locations in division 3.

Installed as of October 16, 2020	Installed week of October 19 to October 23, 2020	Total installed to date	Percent complete
FM 37,700 Feet	2,400 Feet	40,100 Feet	64.7%
Water 19,000 Feet	0 Feet	19,000 Feet	89.8%

The line install on Cabin Creek Road (See photo 3). The crew will have a flagger on the Ault Road for traffic. A total of twenty-four (24) fire hydrants have been installed.



Photo 3: Line install

**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



DIVISION 4

Last week one crew installed force main on Lower Richland Boulevard from Huntwood Trail to Bloxome Drive and tied the new force main to the 10” force main. Next week the crew will install force main on Lower Richland Boulevard from Bloxome Drive toward Rabbit Run. A second crew will be installing gravity sewer at the Trotter Road Lift Station site.

Installed as of October 16, 2020	Installed week of October 19 to October 23, 2020	Total installed to date	Percent complete
FM 10,280 Feet	400 Feet	10,680 Feet	79.3%
Gravity 1,100 Feet	0 Feet	1,100 Feet	70.5%

The force main install along Lower Richland Boulevard (See photo 4). The crew will have a flagger on Lower Richland Boulevard. There are no fire hydrants designed in Division 4.



Photo 4: Force main install