

**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: Jani Tariq Hussain, Deputy Director of Utilities
John M. Thompson, Ph.D., MBA, CPM, Assistant County Administrator

Date: April 24, 2020

Subject: Southeast Richland County Sewer & Water Systems Expansion Project Update

CC: Leonardo Brown, MBA, CPM, County Administrator

A handwritten signature in blue ink, appearing to read "John M. Thompson".

Project Overview

The Southeast Richland County Sewer & Water Systems Expansion Project is designed to provide access to public sewers and water services to existing residences, small businesses, government offices, churches, and McEntire Joint National Guard Base in the southeast area of Richland County. These areas currently do not have access to a public water and/or sewer system. This project will eliminate wastewater discharge from existing treatment facilities with multiple compliance issues (i.e. Hopkins Elementary School, Hopkins Middle School, and the Franklin Park Subdivision) by providing access to public sewer service to replace these treatment facilities.

The project will be implemented in two phases. The first phase (Phase 1) is designed to include Lower Richland Boulevard, Airbase Road, Congaree Road, Bluff Road, Reynolds Road, HWY 601, Cabin Creek Road, Ault Road, Trotter Road, Congaree Church Road, and Clarkson Road. (See Figure 1). The construction for Phase 1 will consist of four divisions as shown in the figure. Each division has been awarded two different contractors. Therefore, construction will be executed simultaneously for all four divisions. The project will include the construction of sewer lines, water lines, lift stations, water service connections, sewer service connections, boring and jacking under roadways, valves, fitting, and appurtenances.

Phase 2 planning, design, and execution is projected to begin in 2024.

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



Fire Hydrants

The Lower Richland area has limited fire hydrant protection. The last water project in Hopkins added 49 hydrants in 2007. The current project will install an additional 116 new fire hydrants on Congaree Road, Lower Richland Boulevard, Bluff Road, Congaree Church Road, Cabin Creek Road, Weston Road, and Country Haven Road. This project development is very much needed to enhance the operations of the Columbia-Richland Fire Department as they will be able to access a reliable flow of water supply to preserve life and property when fighting fire.

Project Launch

Phase 1 of the project started on April 15, 2020 and is estimated to be completed by the second quarter of 2021. Approximately 100 of the 400 people who signed up to connect to the new system will be connected in Phase 1 of the project. Currently, the project is at the mobilization phase, which allows County staff to review shop drawings and begin to approve materials for delivery to the storage yard. The contractor established a material storage yard at the intersection of Lower Richland Boulevard and Airbase Road and is receiving approved materials onsite. (See Photos 1 and 2). Existing utilities located within the construction area is being marked in preparation for pipe installation. The contractor is also clearing land on Cabin Creek Road and laying pipes along Lower Richland Boulevard. (See Photos 3 and 4).



Photo 1: Tractor Trailer Container for Storage



Photo 2: Material Storage Yard

**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



Photo 3: Burying a utility pipe



Photo 4: Blue utility pipe

Construction is expected to move in a timely manner until project completion. Also, the project will require the boring of some major roads, railway tracks, and digging of trenches along area roads adjacent to the project. Citizens living in the project area or visiting this area can expect traffic delays due to lane closures. (See Photo 5). However, construction will be managed in an effort to minimize any disturbance to the daily activities of the public.



Photo 5: Flagger directing traffic due to lane closure



**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



Future Information Sharing

Future reports will provide weekly project updates and information on lane closures in an effort for you to notify your constituents. Moreover, the Utilities Department will have a dedicated section on its webpage to update the community about the project, lane closures, and a project fact sheet.

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



Figure 1: Project Location Southeast Richland County Sewer & Water Systems Expansion

