

## Project Update Report for Commission Meeting

### In-House Sewer Projects

Revised 8/8/2022

Project Name	Project Start Date	Work Completed to Date and Remaining Work to Complete	Reasoning for Any Missed Worked Day/ Misc. Information	Construction Completion Date
Regional Wastewater Rehabilitation Project	January, 2020	Design, permitting, and bidding are complete. LCWSD purchased materials with all but 160 LF of pipe being delivered. North American Pipeline Management is 40% complete constructing 13,208 LF of open-cut replacement with 12, 15, and 18-inch pipe. Vortex is 80% complete installing 12,995 LF of cured-in-place pipe lining of 8 through 18-inch sewer.	Permitting, Covid, and site certification delays encountered prior to bidding. Uncertainty in pipe material delivery prompted LCWSD to purchase materials by separate bid.	Winter, 2023
Hwy 521 and Marvin Road Intersection Improvements	May, 2019	SCDOT intersection improvements will require relocation of the existing 8" and 12" sewer force mains in the project area. Wooten helping design/permit/bid the 2,900 LF of replacement mains. Easements were required due to DOT ROW limitations.	Received final design/right-of-way plans from DOT on 1/19/2021. Eligible for partial reimbursement by SCDOT. Final plans and permitting are underway.	Spring, 2023
Potter Road Gravity Sewer Extension	Fall, 2019	DH Hagins designed and permitted. Easement acquisition underway.	Project will include approximately 5,500 LF of 8" gravity sewer in order to address failing septic systems from the Continental Drive to Monticello Road area.	TBD, 2023
Bear Creek-Turkey Creek Gravity Sewer Connector	March, 2018	Field survey and wetland delineations complete and plans are approx. 95%. Three easements will be obtained and permitting completed such that construction can be planned/funded.	Project will include approximately 7,400 LF of 12" gravity sewer in order to eliminate the Turkey Creek pump station.	TBD based on funding
Calvin Hall Intermediate Pump Station	Jun-21	Design and permitting are complete. Bidding complete for the Pump Station and site work. Project includes 2,204 LF of 12-inch forcemain from Calvin Hall PS to Hwy 160.	Project is over budget due to price escalation and material and worker shortage. LCWSD will purchase the 12-inch forcemain materials to be installed by LCWSD or a developer's contractor.	December, 2023
Six Mile Creek Gravity Sewer	Fall, 2020	LCWSD has completed plans, acquired easements, obtained permits for, and will install the first 1,500 LF section of 18" pipe by February, 2024 per INSP agreement. Additional 900 LF is included in agreement for a later completion upon request. LCWSD crews have cleared RW and are installing first tangent of sewer line.	Total project will include 6,400 LF of 18 inch gravity sewer from near Collins Road to the Ansley Park PS. Remainder of outfall outside INSP agreement sections to be constructed in the future or by Developers.	February, 2024 for first 1,500 LF
Catawba Ridge Parallel Forcemain	Spring, 2022	Plans are under design by Keck & Wood, Inc. to parallel the Catawba Ridge Forcemain from Meeting Street to Grace Avenue. Surveying detected easement and existing pipe location issues. Pipes are being located and surveyed.	Surveying to document existing piping was problematic due to location of City sewer line and District forcemain crossing.	TBD, Developer Driven.

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Rum Creek Forcemain Relocation	May, 2017	Wooten currently designing and permitting the project. Final easement acquisition by LCWSD under way.	Project will include approximately 5,200 LF of 12" force main to tie to Catawba Ridge FM and discharge at City WWTP. Easement acquisition has delayed final design.	TBD, 2023
Middle Hannah's Creek Gravity Sewer Upgrade	January, 2020	Design, permitting, and bidding are complete. LCWSD purchased materials and they have been delivered. North American Pipeline Management to construct 2,035 LF of open-cut replacement of 8-inch pipe with 12-inch pipe.		Winter, 2023

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Hwy 521 20" Transmission Main Phase 3	March, 2020	Extension of approximately 11,400 LF of water main is being designed and permitted by WK Dickson. LCWSD is procuring easements. Due to the current pipe material shortage and resulting long delivery times, LCWSD is bidding the pipe materials with expected delivery of 6-7 months.	Survey permission/wetland avoidance in the section on private property between Hwy 521 and Possum Hollow delayed design work.	Spring, 2024
Hwy 521 12" Water Main Replacement	April, 2020	Replacement of approximately 9,000 LF of 12" permastrand pipe with DIP from North Corner to Poovey Dairy began construction in December, 2020. Installation is complete with abandon/grout fill of old line remaining.	DOT bridge work began during Winter, 2020. Section of rock at Midnight Sun and wet conditions during Dec/Jan/Feb delayed progress.	Summer, 2022
Rocky River Road and Taxahaw Road Roundabout - SCDOT	January, 2020	1,159 LF of 12" and 688 LF of 6" water main was installed as part of DOT contract to relocate existing mains. LCWSD to conduct a final inspection when roadway work in complete.	Received partial reimbursement by SCDOT.	TBD, Waiting on Roadway work to be completed.
Tabernacle Road WL Relocation	January, 2019	SCDOT is improving Tabernacle Road near Buford HS. These improvements required relocation of the existing 2.5" and 6" water mains in the project area. 2,070 LF of 8" pipe is installed, tested, and complete.	Was awaiting DOT right-of-way acquisition. Waterline construction is complete. Partial reimbursement request will be submitted. Roadway work is underway.	August, 2022
Hwy 521 and Marvin Road Intersection Realignment	May, 2019	SCDOT intersection improvements will require relocation of the existing 4" and 6" water mains in the project area. Wooten helping design/permit/bid the 2,300 LF of replacement mains.	Received final design/right-of-way plans from DOT on 1/19/2021. Eligible for partial reimbursement by SCDOT.	Spring, 2023
University Drive 16" Transmission Main	May, 2017	Wiedeman and Singleton is designing and permitting the project. Easement acquisition by LCWSD following final design. Construction planned to begin FY 2023/2024 unless required earlier for Economic Development or later for other funding needs.	24,000 LF of 16 inch water main from Hwy 521 to Riverside Road. Multiple easements will need to be obtained due to topography or congested right-of-way. Will be part of SCIIP funding application.	TBD, 2026
Camp Creek Road Bridge over Gills Creek Replacement	November, 2019	SCDOT improvements required relocation of 1,900 LF of 6" and 1,750 LF of 2.5". Installation completed.	LCWSD designed and permitted. Received partial reimbursement by SCDOT.	Summer, 2022
Harrisburg Road 16" Waterline Extension.	January, 2022	LCWSD completing the 16" loop that will connect the 12" waterline on Hwy 160 to the existing 16" waterline on Harrisburg Rd. Increase of water transmission to the new Stateline Tank Site.	Waterline designed by Land Design in conjunction with Patterson Lane Multifamily Project. Materials are purchased and on site. LCWSD to begin installation in August, 2022.	Winter, 2022

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Craig Farm Road Waterline Extension	July, 2022	Waterline extension of 4,703LF of 6" waterline and one roadway bore to serve residents with poor water quality. Design and permitting completed by LCWSD. Construction starting December, 2022.	LCWSD has ordered materials and will construct after Harrisburg Road 16" waterline is complete.	March, 2023
Fork Hill Road Waterline Relocation at Horton Creek Bridge Project	May, 2022	SC DOT planned bridge replacement on Fork Hill Road at Horton Creek requiring 1,400 LF of 6-inch waterline relocation and possible creek bore. SC DOT partial reimbursement eligible project and is under design by Highfill Infrastructure Engineering, PC.	Project is under design awaiting DOT plans and information.	TBD by SC DOT
Walker Road Waterline Extension	August, 2022	Design and permitting being completed by LCWSD. Construction starting Winter, 2022.	1,100 LF of 2.5 inch waterline to extend service to a new home under construction.	Winter, 2022