

Central Plant improvements spill into neighborhood

AS METRO WATER SERVICES MODERNIZES THE CENTRAL WATER RECLAMATION FACILITY,

they are also transforming their campus boundary along 3rd Avenue North. From Coffee Street to Buchanan Street, what was once an unimproved grassy area behind a chain-link fence is now an area full of amenities for nearby residents of Salemtown and Germantown to enjoy.

The improvements completed include:

- A new playground with water features providing residents a much-needed space to enjoy outdoor activities;
- An improved bus stop with a concrete pad and shelter offering WeGo riders a more comfortable and safer boarding area;
- Improved lighting and landscaping making the area along 3rd Avenue North more inviting and increasing visibility and safety; and
- Walkways and bike racks allowing better and safer options for pedestrians and cyclists.

In addition to collaborating with Metro Parks and WeGo, Metro Water Services requested feedback from the adjacent neighborhood early in the design process to understand their vision for this area.

The corridor improvements were officially opened at a ribbon-cutting event in August with participation from Mayor John Cooper, District 19 Council Member Freddie O'Connell, MWS Director Scott Potter, Metro Parks Director Monique Odom, and WeGo CEO Steve Bland.

"This is an excellent example of what we can accomplish when departments across Metro government come together,



embrace a common vision and execute to deliver for our residents. And now, it's Nashville families who reap the benefits of their work," said Mayor Cooper.

MWS director Potter said, "As MWS expands, we work not only to provide Nashvillians safe, clean and reliable water and waste services, but when the opportunity presents itself, to work with our Metro partners and community to help in making Nashville the community of choice in Tennessee."

"It's always impactful when we can add more green space and more recreational options for our expanding neighborhoods," said Metro Parks Director Odom. "Our friends at Metro Water have been great partners over the years, helping our growing city to add much-needed and increasingly hard-to-find green space. We are proud to be partners in this collaborative effort to address the recreational needs in this area."

Over the coming year, additional



A new Metro playground (above) is one of numerous improvements to 3rd Avenue North resulting from Metro agencies' collaboration celebrated at an August 19 event.

improvements will be completed along the 3rd Avenue North corridor towards the southeast as work on the improvements to the Central Water Reclamation Facility continue. These include a dog park located between Hume and Van Buren Streets, additional stormwater management features, and a greenway connection from the playground area to Morgan Park and the Magdeburg Greenway.

Slate of rehab projects lead construction surge

AS FALL BRINGS COOLER TEMPERATURES TO DAVIDSON COUNTY, CLEAN WATER NASHVILLE IS GETTING HOT.

With over 15 projects under construction or scheduled to proceed in the coming months, the program dedicated to modernizing Nashville's sewer system infrastructure is hitting a peak level of activity. The workload includes construction of major equalization tanks in Madison (Gibson Creek Equalization Facility) and in western Nashville (Davidson Branch Pump Station and Equalization Facility).

It is an especially active time for sewer rehabilitation projects. Currently, there are 10 of these projects of varying sizes either underway or about to start in neighborhoods across Davidson County.

Sewer rehabilitation projects renew existing, aged infrastructure by correcting broken and defective sewer pipes, manholes, and service laterals within Metro's rights-of-way and easements. These projects also address overflows by eliminating defects that allow rain and groundwater to enter the sewer system, increasing the peak flows and occasionally exceeding the system's capacity resulting in discharges to the environment.

Whenever possible, Metro Water Services relies on trenchless techniques for construction of these improvements. Those techniques minimize excavation and disruption to the surrounding residential and commercial neighborhoods.

Find a Project Near You

Curious about what projects are going on in your neighborhood or near your workplace? Clean Water Nashville's interactive map allows quick and easy access to information about upcoming, ongoing, and completed projects across the entire county, all with just a few clicks of the mouse.

Intuitively designed and regularly updated, CWN's Project Map feature on www.cleanwater-nashville.org lets users zoom in on neighborhoods across Davidson County or search by an address to see what activity is happening nearby. All results can be filtered by project type to provide neighbors with up-to-date information about improvements underway or recently completed in the area.

Projects on the map are color-coded by project status, readily showcasing if a project is in planning and design stage, under construction, or already completed. Clicking on each project area shows the name, type, and status of the project. There's also an option to see more details, like an in-depth explanation of the project's purpose and scope, the timeline from design to completion, the designer and contractor, and even photos.

CWN's Project Map provides a simple way for citizens to stay informed about how their neighborhood might be impacted and what improvements they can expect as Clean Water Nashville continues its commitment to modernizing Nashville's water system infrastructure.

Clean Water Nashville is currently rehabilitating almost 95 miles of sewer line through the 10 projects listed below.

Each project includes associated manholes and service laterals within Metro's rights-of-way and easements.

28th Avenue Rehabilitation – Area 2 – Batavia Street. Taking place in Metro Council District 21, includes evaluation and rehabilitation of approximately 49,600 feet of sewer lines.

Annual Rehabilitation FY2017- Dry Creek. Taking place in Metro Council Districts 3, 8, 9, and 10, includes evaluation and rehabilitation of approximately 57,900 feet of sewer lines.

Annual Rehabilitation FY2017 – Shepherd Hills. Taking place in Metro Council District 10, includes evaluation and rehabilitation of approximately 59,900 feet of sewer lines.

Bandywood – Green Hills Rehabilitation. Taking place in Metro Council Districts 25 and 34, includes evaluation and rehabilitation of approximately 59,000 feet of sewer lines.

Cleeces Ferry – Area 1 – Summerly Drive. Taking place in Metro Council Districts 20, 23 and 24, includes evaluation and rehabilitation of approximately 53,000 feet of sewer lines.

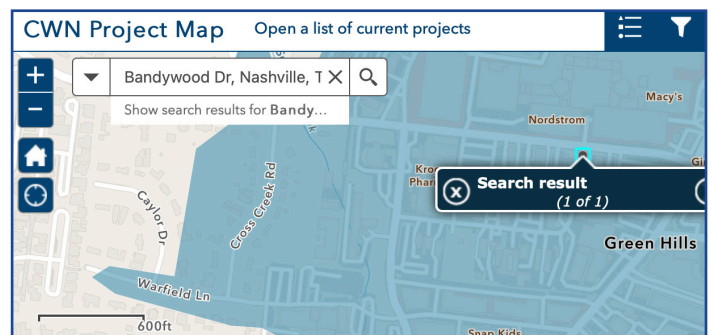
Lakewood Rehabilitation – Area 1 – Pitts Avenue. Taking place in Metro Council District 11, includes evaluation and rehabilitation of approximately 53,000 feet of sewer lines.

Sevenmile Creek Rehabilitation – Area 1. Taking place in Metro Council Districts 4, 26, 27, and 30, includes evaluation and rehabilitation of approximately 41,200 feet of sewer lines.

Shelby Park Rehabilitation – Area 6 – Shelby Trunk. Taking place in Metro Council Districts 6 and 7, includes evaluation and rehabilitation of approximately 36,200 feet of sewer lines.

Smith Springs Rehabilitation – Area 3 – Harbour Town. Taking place in Metro Council District 29, includes evaluation and rehabilitation of approximately 58,200 feet of sewer lines.

Annual Rehabilitation FY2020 – West Nashville. Taking place in Metro Council Districts 20, 22, 23, and 24, includes evaluation and rehabilitation of approximately 34,000 feet of sewer lines.



CWN's project map provides a simple way for citizens to stay informed about neighborhood projects.

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PROJECT PIPELINE

Clean Water Nashville continuously advances projects at various stages of planning, design, and construction in neighborhoods across Davidson County, including:

Hurricane Creek Pipe Improvements. This project, located in **Metro Council District 33** in southeastern Davidson County, was developed to increase capacity and address existing restrictions in the sewer system. The project will install approximately 16,100 linear feet of new 8-inch to 30-inch diameter pipe and associated manholes. The project also includes six trenchless bore crossings of railroads and roadways, cured-in-place pipe lining of existing sewers, site restoration and re-vegetation, and associated appurtenances. Construction began in summer 2022 and is scheduled to be complete in 2024.



Annual Rehabilitation – Manhole Repairs. In the winters of 2021 and 2022, Clean Water Nashville conducted numerous inspections of manholes to assess the integrity of the system. From that work, approximately 550 manholes were identified as needing rehabilitation or repair. The Annual Rehabilitation – Manhole Repairs project includes work in multiple Metro Council Districts throughout the MWS service area. The majority of the work, however, will occur in the Oak Hill area and along Browns Creek (**Metro Council Districts 17, 25, and 34**). Other significant work will occur adjacent to Stones River in the Cloverbottom area of Donelson and along I-40 and McCrory Creek, extending into the Hermitage area (**Council Districts 12 and 14**). Construction began in fall 2022 and is scheduled to be complete by spring 2023.

Davidson Branch Pump Station and Equalization Facility. This project, located in **Metro Council District 35**, includes replacing and relocating a 1960s era pumping station that is beyond its useful life, increasing pumping capacity, and providing a wet-weather storage tank to attenuate peak flows until conveyance and treatment capacity is available downstream. These infrastructure improvements are expected to improve environmental water quality and limit sanitary sewer overflows into Davidson Branch and the Cumberland River. Without this project, heavy rain events in the area create flows in excess of the existing facility's capacity and result in overflows. The project is scheduled to be complete in spring 2023.



Howse Avenue Force Main Replacement. This project, located in **Metro Council Districts 7 and 9**, involves the replacement of approximately 3,200 feet of existing 16-inch diameter force main. This force main had previously experienced breaks requiring emergency repairs, so Metro Water Services elected to proactively replace the remainder of the existing corroded force main. The project also includes the installation of a portion of a new force main which will be part of the future Neely's Bend Pump Station Upgrades project. Bids for the Howse Avenue Force Main Replacement project were received this summer. Materials are currently on order, and construction activities on-site are expected to begin in early 2023.

REHABILITATION PROJECTS

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Public Notice

Clean Water Nashville is committed to extensive and thorough communications so that residents, businesses, schools, and churches are aware when work is scheduled to occur in their neighborhoods.

Public outreach includes written notices mailed to residents about upcoming construction projects. The mailings describe the project, let customers know what they can expect as the work progresses, and provide a timeframe for completion of the work.

Customers are also notified with door hangers three days in advance about planned service interruptions. Clean Water Nashville also works directly with businesses in the area to minimize disruptions to their operations.

All notices provide contact information so that any resident can submit questions and concerns either in writing via e-mail or through direct verbal communication with Metro Water Services' customer service associates.