



February 2020

SEWER PROJECTS IN PROGRESS



New Sewer Main Installation Completed in Victoria Park

Nearly a mile of new 16-inch sewer main has been successfully installed in the Victoria Park neighborhood. The new stretch of ductile iron pipe begins at NE 19 Avenue and NE 6 Court, runs south on Victoria Terrace, and then west on NE 5 Street to NE 11 Avenue. Contractors are currently completing asphalt work, which will be followed by adding pavement markings including roadway striping. Restoration of driveways, pavers, and swales is expected to be completed by the end of this month. For more information, visit bit.ly/37FHeVE.



Rio Vista Emergency Force Main Replacement Progressing

Significant progress is being made on a \$3.5 million project to install a half-mile of new force main from SE 9 Avenue and SE 7 Street to SE 10 Avenue and SE 12 Street in Rio Vista. Crews have completed the first phase of underground directional boring and are currently conducting the second phase of drilling to ensure the pathway is the appropriate size for the new pipe. Once the second phase of drilling is complete, crews will begin pulling the pipe through the underground pathway. When the new pipe is installed, the 36-inch bypass pipe that runs along SE 9 Avenue near Virginia Young Park and Hector Park will be deactivated and removed. Traffic restrictions will remain in effect while the work is taking place (see map at bit.ly/34W91Q6).



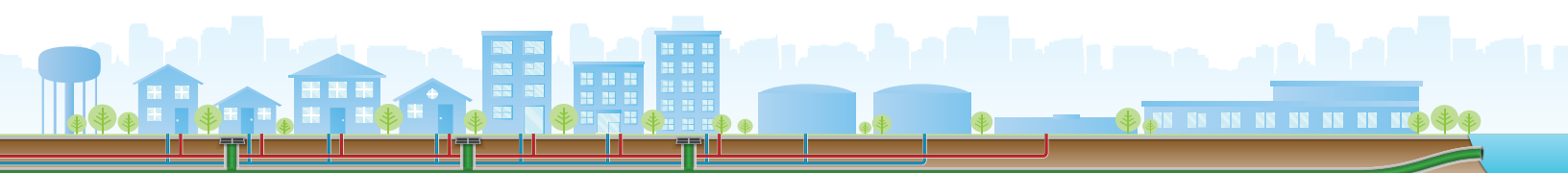
Redundant Force Main Project on Track

The City's \$65 million redundant force main project to construct a new 7.5-mile wastewater transmission line from the G.T. Lohmeyer Wastewater Treatment Plant on SE 18 Street to the wastewater lift station located near Bayview Drive and NE 37 Street is underway. Two contractors are working simultaneously to expedite construction. Murphy Pipeline is installing the northern portion of the line and David Mancini & Sons is installing the southern portion. Initial work on the north segment will take place along Bayview Drive from NE 21 Street to NE 36 Street with crews from Murphy Pipeline expected to mobilize beginning the week of February 24 (see map at bit.ly/2vSfyPU). Construction on the first south section of pipe will take place along SE 9 Avenue beginning at SE 2 Court and proceeding south under the New River to SE 7 Street. Crews from David Mancini & Sons are expected to begin work in March.



NE 36 Street Sewer Main Replacement Underway

Installation of a one-third mile of new ductile iron 12-inch sewer main is underway along NE 36 Street from Bayview Drive to the end of the cul-de-sac. The \$850,000 project is expected to be completed by early April. While work is taking place, neighbors can expect temporary lane closures within the project area. For more information, visit bit.ly/37FHeVE.



The City of Fort Lauderdale has over 150 infrastructure projects in the active stages of planning, design, bidding and construction.

Following is a snapshot of a variety of projects that are underway. To view more projects, visit LauderWorks at www.fortlauderdale.gov/lauderworks.

- 1. Fiveash Water Treatment Plant Improvements**
This project includes reliability upgrades and enhancements throughout the plant. Major items include replacing the control system for the entire plant, upgrading emergency generators, modifying the high service pumps, and strengthening resiliency at the plant. Status: Bidding; Address: 4321 NW 9th Avenue
- 2. NE 65th Court Pump Station Replacement**
This project will replace the existing wastewater pump station with a new duplex submersible station located adjacent to the existing structure. Status: Design; Address: 3701 NE 65th Court
- 3. NE 23rd Avenue Stormwater Improvements**
This project includes the installation of new stormwater infrastructure to address flooding issues at the site. Status: Construction; Address: 4848 NE 23rd Avenue
- 4. NE 25th Avenue 24-Inch Force Main Replacement**
This project will replace approximately 5,500 linear feet of 24-inch ductile iron sewer force main. Status: Planning; Address: NE 25th Avenue from Commercial Boulevard to Oakland Park Boulevard
- 5. NE 38th Street 42-Inch Force Main Replacement**
The first phase of this project will consist of replacing approximately 8,000 linear feet of 42-inch sewer force main. Status: Project initiation and planning; Address: along NE 38th Street between N. Dixie Highway and Coral Ridge Country Club and along NE 19th Avenue between NE 38th Street and NE 32nd Street
- 6. Bermuda Riviera Water Main Improvements**
This project will replace existing water mains with approximately 25,000 linear feet of new 8-inch water mains. Status: Construction; Address: 63 Fort Royale Isle
- 7. Coral Shores Water Main Improvements**
This project will replace existing water mains with approximately 6,200 linear feet of new 6-inch water mains. Status: Project initiation and planning; Address: 2884 NE 21st Street
- 8. Victoria Park North Water Main Improvements**
This project will replace approximately 26,500 linear feet of existing water mains with new 6-inch and 8-inch water mains and improve fire hydrant coverage. Status: Construction; the project is 75% complete; Address: NE 7th Street and NE 19th Avenue
- 9. Victoria Park South Water Main Improvements**
This project will replace approximately 29,000 linear feet of existing water mains with new 6-inch and 8-inch water mains and improve fire hydrant coverage. Status: Construction; Address: the area from NE 6th Street to Broward Boulevard
- 10. Victoria Park Sewer Basin Rehabilitation**
This project will rehabilitate mainline sewers, manholes, and service laterals in Victoria Park. Status: Construction; Address: 625 NE 19th Avenue
- 11. Isle of Palms Seawall Replacement**
This project will replace the Isle of Palms seawall which was identified in the Seawall Master Plan as the top priority seawall replacement within the City of Fort Lauderdale. Status: Permitting; Address: Isle of Palms Drive
- 12. Flagler Heights Sewer Basin Laterals**
This project will rehabilitate sewer laterals in the Flagler Heights Sewer Basin. Status: Construction; Address: 630 NE 2nd Avenue
- 13. Bridge Replacement at South Ocean Drive**
This project will replace an existing bridge on South Ocean Drive in the Harbor Beach area. Status: Design; Address: South Ocean Drive
- 14. Bridge Replacement at Coconut Isle**
Demolition of the existing Coconut Isle Bridge and construction of a new bridge is underway. Status: Construction; Address Coconut Isle Drive
- 15. Dorsey-Riverbend Sanitary Sewer Collection System Rehabilitation**
This project is for the sanitary sewer collection system rehabilitation located in the Dorsey-Riverbend neighborhood. The project will include relining of sanitary sewer collection mains and laterals. Status: Construction; Address: 1410 NW 4th Street
- 16. Riverland Road Area Pump Station Replacements**
This project will replace the existing pumps at the Riverland Road Pump Station with higher capacity models. Station piping valves and the wet well will be upgraded as necessary. Status: Design; Address: Riverland Road area at SW 37th Avenue and Fairfax Drive
- 17. Effluent Pumps Standby Generator & Administration Building Improvements**
This project will make significant upgrades to the George T. Lohmeyer Wastewater Treatment Plant including installing a 10 megawatt gas-turbine emergency generator to operate the effluent pumps. Status: Project initiation and planning; Address: 1765 SE 18th Street
- 18. Redundant Effluent Pipeline To Wellfield**
This project will install a redundant effluent pipeline from the George T. Lohmeyer Wastewater Treatment Plant to a deep well site. Status: Project initiation and planning; Address: 1765 SE 18th Street
- 19. Targeted 7-Neighborhood Stormwater Program**
This project is tracking the progress of the Stormwater Program Phase II, which includes the Stormwater Master Plan Model Implementation and the design and permitting of stormwater infrastructure projects in seven priority neighborhoods prone to flooding. Status: Design; Address: areas of Dorsey-Riverbend, Durrs, Edgewood, Progresso Village, River Oaks South, East Isles, and Victoria Park neighborhoods
- 20. Harbour Inlet Area Force Main Upsizing**
This project will replace the existing 8-inch and 10-inch force mains with approximately 2,000 linear feet of new 12-inch force main. Status: Bidding; Address: Harbour Inlet Drive from A1A to Barbara Drive and along Barbara Drive from Harbour Inlet Drive to the Stranahan River.
- 21. Tarpon River Sewer Basin Rehabilitation**
This project includes the rehabilitation of mainline sewers utilizing trenchless technology, as well as road restoration and landscaping. The project is part of the Wastewater Conveyance System Long Term Remediation Program. Status: Design; Address: 112 SW 7th Street
- 22. 1716 SE 7th Street Stormwater Improvements**
This project includes the installation of stormwater infrastructure which will enhance drainage and help alleviate stormwater flooding. Status: Project initiation and planning; Address: 1716 SE 7th Street
- 23. Rio Vista Force Main Replacement - North**
Installation of a new force main is underway in the Rio Vista neighborhood. The new force main will connect to the existing 54-inch line and enable the 36-inch bypass line to be deactivated. Status: Construction; Address: SE 9th Avenue and SE 10th Street

24. Rio Vista Force Main Replacement - South
 Construction is underway on the installation of a new force main in the Rio Vista neighborhood. When completed, the 36-inch bypass line that runs along SE 9th Avenue will be deactivated and removed.
 Status: Construction; Address: SE 9th Avenue and SE 11th Court to 12th Court

25. River Oaks Stormwater Park
 This project includes the design of approximately 9 acres of undeveloped land for use as a stormwater park. The conceptual design includes water control basins and an underground conveyance system to improve drainage and help decrease flooding in the neighborhood.

Status: Initiating construction; Address: 2101 SW 19th Avenue

26. Central New River Water Main River Crossings
 This project includes replacing submerged water mains that run under portions of the New River. Status: Project initiation and planning; Address: SE 1st Avenue

INFRASTRUCTURE PROJECT MAP

- Sewer Projects
- Water Projects
- Stormwater Projects
- Other Projects



NEWS AND NOTES



Environmental Remediation Underway for Affected Waterways



- ▶ The City has hired E-Sciences to assist with remediation of the Tarpon River. The environmental services company is currently conducting a thorough analysis of the conditions that exist in the impacted area of the river. Based on their findings, E-Sciences will develop a restoration plan for the affected portions of the waterway.
- ▶ The City is finalizing an agreement with Wood Environmental and Infrastructure Solutions, a second environmental services company, to perform similar work in the George English Park Lagoon. Wood Environmental will analyze conditions in the lagoon including conducting core sampling and, based upon the results, develop an appropriate restoration plan.
- ▶ Following discussions with Broward County Environmental Engineering and Permitting, the City is moving forward with plans to secure a contractor for the emergency removal of debris and sediment within the turbidity curtain area of the George English Park Lagoon as part of the overall restoration process. This work is expected to begin in early March.
- ▶ Neighbors are reminded that the George English Park Lagoon and adjacent boat ramp will remain closed while restoration work is taking place. For more information, please visit bit.ly/37FHeVE.

GET INFORMATION AND UPDATES



CITY OF FORT LAUDERDALE

24-hour Neighbor Call Center: 954-828-8000

Website: www.fortlauderdale.gov/infrastructure

Lauderworks: www.fortlauderdale.gov/lauderworks

Email Updates: www.fortlauderdale.gov/enews

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