

# G **BIG** **GO FAST!** FORT LAUDERDALE



## WHAT'S NEW:

- **Painting inside the City's 150-foot-tall water tower is 95% complete; Tent installed for exterior rehabilitation**

A City of Fort Lauderdale contractor has completed 95% of the painting inside the City's 150-foot-tall water tower, located on NW 2nd Avenue north of Sistrunk Boulevard. Ultrasonic thickness testing is underway to determine if repairs are needed inside the top of the tank, prior to additional painting.

This week, the contractor installed a massive tent to encapsulate the water tower during paint removal and rehabilitation activities (top left photo). The tent, which appears as a skirt around the tower, prevents debris from blowing onto area homes and vehicles.

The water tower is currently out-of-service while the rehabilitation is underway. Water towers are designed to help pressurize water systems, provide emergency storage and serve as a reservoir to supply water needs during peak usage times.



- **Progress continues on the New Downtown Lift Station designed to increase wastewater capacity by 1 million gallons per day**

The City of Fort Lauderdale is investing more than \$3 million to build the New Downtown Lift Station, which is designed to increase downtown wastewater system capacity by 1 million gallons per day (MGD).

The project includes construction of a new submersible triplex sewer pump station and valve vault, new gravity sewer, and a new force main on the east side of Federal Highway (middle left photo).

During the installation of the Lift Station and new sewer mains, the contractor has encountered numerous inaccurately and undocumented utilities, old FDOT pipes and other structures conflicting with construction plans. Exploratory digging to identify additional potential conflicts is now underway.



Traffic in the area has eased since the reopening of the intersection of NE 2nd Court and SE 8th Avenue. The project is being expedited to minimize traffic inconveniences. The City is working to limit road closures and ensure access to businesses and residences as construction continues (bottom left photo).

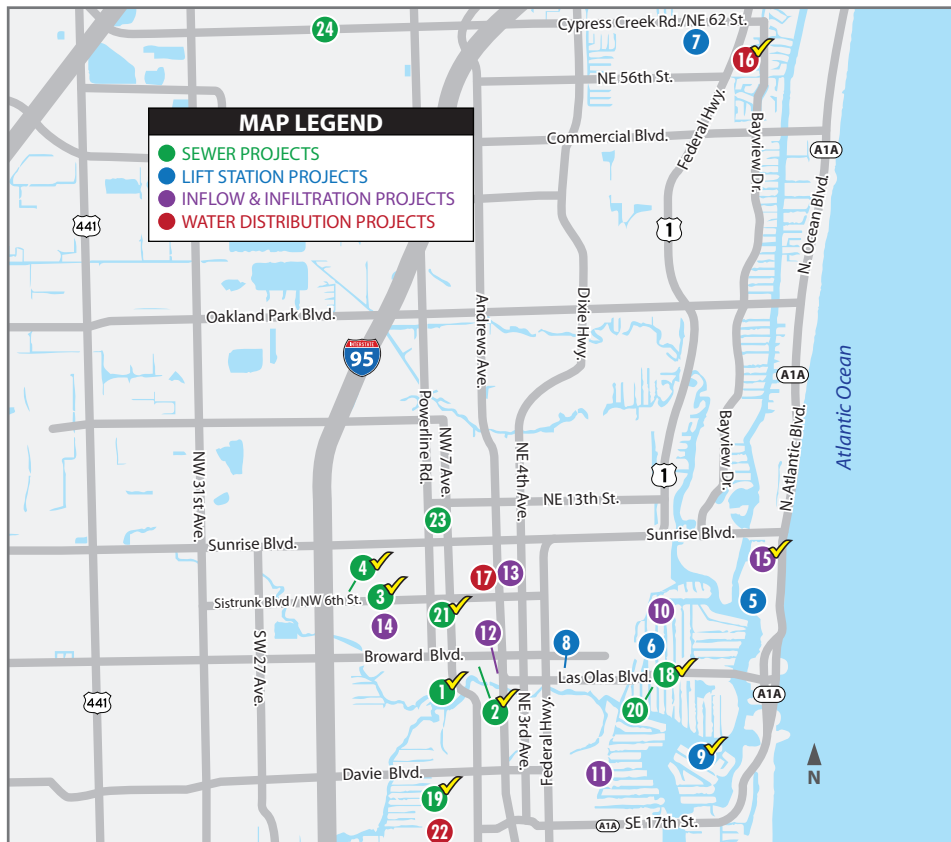
*For regular updates on water and sewer improvements, visit [www.fortlauderdale.gov/gobiggofast](http://www.fortlauderdale.gov/gobiggofast).*

*See back for more project updates!*

# FORWARD PROGRESS

The City maps progress on infrastructure improvements in every direction! The City moved forward with progress on new Force Mains, Lift Station Projects and Inflow & Infiltration Reduction Projects:

- ✓ 1. Phase I: New 30-inch sewer main from SW 2nd Street and SW 8th Avenue to SW 6th Avenue and SW 7th Street; Status: Finished
- ✓ 2. Phase II: New 30-inch sewer main along SW 2nd Street from SW 4th Avenue to SW 8th Avenue; Status: Finished
- ✓ 3. Phase III: New 30-inch force main along Sistrunk Boulevard from NW 19th Avenue to NW 4th Avenue; Status: Finished
- ✓ 4. Phase IV: Installation in the area of NW 19th Avenue; Status: Finished
- 5. New Fort Lauderdale Beach Lift Station at Riomar Street and Antioch Avenue; Status: FPL energized the wet well on September 7; installation of the new 8-inch watermain project is underway; the contractor is coordinating the pump start-up test for the week of September 17; roadway subgrade compaction is underway; estimated project completion date in September 2018
- 6. Isle of Venice Lift Station Rehabilitation at 217 Hendricks Isle; Status: The relocation of an existing watermain is scheduled for this week; the relocation of the watermain will accommodate the installation of a new valve vault; mechanical cleaning of the sewers is underway; the contractor has completed installation of a new gravity sewer main from a manhole to the wet well on the Isle of Venice; estimated project completion in December 2018
- 7. Imperial Point Lift Station Rehabilitation at 2151 Imperial Point Drive; Status: The contractor completed installation of the control panel and odor control canister; FPL energized the Lift Station on September 11; interior and exterior painting of the station is underway; estimated project completion in September 2018
- 8. New Downtown Area Lift Station at 800 SE 2nd Court; Status: The contractor has encountered unexpected conflicts with FDOT pipes and structures, as well as a City watermain; exploratory digging to identify other potential conflicts is underway; estimated project completion in October 2018
- ✓ 9. Harbor Beach Lift Station at 2 Harborage Drive; Status: Finished
- 10. Victoria Park Basin Inflow & Infiltration Reduction Project at 625 NE 19 Avenue; Status: Video surveys of all of the main lines have been completed; as part of a new task order, 250 sewer laterals will be video surveyed; estimated project completion in December 2019
- 11. Rio Vista Inflow & Infiltration Reduction Project at 1200 Cordova Road; Status: All video surveys have been completed; the installation of 12 t-liners is underway; estimated project completion date in July 2020



- 12. Downtown Basin Inflow & Infiltration Reduction Project at 203 SW 1st Avenue; Status: The installation of cleanouts is underway; over 2.9 miles of video surveys have been completed; additional video surveys are continuing; estimated project completion in July 2020
- 13. Flagler Heights Inflow & Infiltration Reduction Project at 630 NE 2nd Avenue; Status: As part of a new technology demonstration, a section of liner was installed at no charge to the City; video surveys of the project have been completed; estimated project completion in September 2020
- 14. Dorsey-Riverbend Inflow & Infiltration Reduction Project at 1410 NW 4th Street; Status: Video surveys of the project have been completed; the installation of 31 t-liner and nine sectionals is underway; estimated project completion in September 2019
- ✓ 15. Central Beach Inflow & Infiltration Reduction Project at 729 N. Birch Road; Status: Finished
- ✓ 16. Lake Estates Water Mains in the area of NE 27th Avenue to Bayview Drive; Status: Finished
- 17. Second Avenue Tank Restoration on NW 2nd Avenue near NW 6th Court; Status: The contractor has installed the tent that encapsulates the water tower during paint removal activities; estimated project completion in November 2018
- ✓ 18. Las Olas Boulevard Force Main Replacement; Status: Finished
- ✓ 19. SW 9th Avenue and Avocado Isle Lift Station; Status: Finished
- 20. New force main connection on Lido Drive and improvements on Riviera Isles Drive; Status: Staff has submitted a proposal to the Florida Department of Environment Protection (FDEP) to connect a Lift Station on Lido Drive to the subaqueous force main crossing the Intracoastal Waterway, as well as improvements to the Lift Station on Riviera Isles Drive; project pending FDEP approval
- ✓ 21. NW 7th Avenue Sewer Extension Project; Status: Finished
- 22. Croissant Park Water Mains Project; Status: The bid opening for the project is scheduled for September 19; estimated project completion in August 2019
- 23. NW 13 Street and NW 7 Avenue 24-inch Sewer Main Rehabilitation Project; Status: Funding has been secured to invest approximately \$3.3 million for sewer main rehabilitation; planning is underway; estimated project completion date to be determined
- 24. Cypress Creek Manhole Rehabilitation Project; Status: Video surveys are nearing completion; the contractor has rehabilitated 16 manholes; estimated project completion date in May 2019