



LAUDERTRAC



INFRASTRUCTURE AND RESILIENCE UPDATE

Tracking Progress on Fort Lauderdale Commission Priorities for 2022

October 2022

INVESTING IN OUR FUTURE

Upgraded Downtown Wastewater Pump Station Ready to Serve Thriving Downtown

The City recently completed critical upgrades to Wastewater Pump Station A-7, located on the southeast corner of SW 2nd Street, between SW 1st and 2nd Avenue, just east of the Federal East Coast railway. Originally constructed in 1997, this pump station services Downtown Fort Lauderdale and is one of the largest in the City, collecting more than 4 million gallons of wastewater daily and pumping it toward the George T. Lohmeyer Wastewater Treatment Plant for processing.

The City's 2017 Comprehensive Utility Strategic Master Plan identified the need to make mechanical and electrical improvements at this pump station to accommodate increased capacity needs related to recent and projected redevelopment in the area.

The \$1.75 million contract to upgrade and rehabilitate Wastewater Pump Station A-7, awarded in April 2020, included the demolition and replacement of the existing pump station. Wastewater Pump Station A-7 now features new:

- ▶ pumps
- ▶ railings
- ▶ hardware
- ▶ appurtenances such as manholes and inlets
- ▶ baffle devices used to direct flows
- ▶ above-ground discharge piping
- ▶ force main piping and fittings
- ▶ odor control equipment
- ▶ wetwell interior coating
- ▶ lining along existing influent 24-inch gravity main
- ▶ control panel
- ▶ electrical system upgrades

These upgrades are expected to significantly increase the capacity of the wastewater system in the Downtown area. Wastewater Pump Station A-7's expanded wastewater processing capabilities ensure that the station can handle future demand while reducing the likelihood of sanitary sewer overflows.

