



# LAUDERTRAC



## INFRASTRUCTURE UPDATE

Tracking Progress on Fort Lauderdale Commission Priorities for 2021

March 2021

### INVESTING IN OUR FUTURE



Infrastructure continues to be a top priority of the City Commission this year. The focus of the Infrastructure Priority is to identify and implement, or advocate for, improvements that will examine and address infrastructure needs relating to water, wastewater, and bridges.

The 2021 priority will concentrate on improvements to three major categories of infrastructure: water treatment and distribution, wastewater collection and treatment, and bridge maintenance and replacement. This priority, with ongoing support from the Public Works Department, will advance the following projects:

#### Water Treatment and Distribution Infrastructure

- ▶ Complete a system-wide water valve mapping and condition assessment survey and implement a preventative maintenance program.
- ▶ Implement a Leak Detection Program to minimize water loss and identify leaks before they become breaks.
- ▶ Identify a funding method (public-private partnership or self-financing) and funding to initiate the design and construction of a new water treatment plant to replace the existing Fiveash Regional Water Treatment Plant.
- ▶ Continue reliability upgrades at the Fiveash Regional Water Treatment Plant to ensure continued plant functionality until the replacement plant is operational.
- ▶ Continue implementing feasible recommendations identified in the Comprehensive Utility Strategic Master Plan (Reiss Engineering, 2017).
- ▶ Complete four Advanced Metering Infrastructure (AMI) Pilot Studies over a six-month period to evaluate AMI infrastructure options prior to implementing a citywide program.

#### Wastewater Collection and Treatment Infrastructure

- ▶ Complete the installation of the new redundant force main that includes seven miles of 42-inch and 54-inch pipe beginning at the City's large force main pump station in the Coral Ridge neighborhood to its termination at the George T. Lohmeyer Wastewater Treatment Plant. This work is nearly 95% complete.
- ▶ As part of the voluntary consent order issued by the Florida Department of Environmental Protection, the City will be repairing or replacing significant portions of the wastewater system, including force mains, gravity mains, pump stations, and in-kind projects.
- ▶ Continue implementing feasible recommendations identified in the Comprehensive Utility Strategic Master Plan (Reiss Engineering, 2017).

#### Bridge Infrastructure

- ▶ Complete the construction of the bridge replacement at South Ocean Drive as identified in the Bridge Master Plan.
- ▶ Initiate the design and construction of bridge repairs and replacements, as identified in the Bridge Master Plan, as funding becomes available.
- ▶ Request transportation surtax funding and initiate bidding for construction of the West Lake Drive Bridge Repair.
- ▶ Initiate the Bridge Master Plan Update.
- ▶ Initiate the design for the SE 8th Street and SE 13th Street bridge replacements.

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