LAUDERTRAC

INFRASTRUCTURE AND RESILIENCE UPDATE

Tracking Progress on Fort Lauderdale Commission Priorities for 2022

May 2022

INVESTING IN OUR FUTURE

A Guide to Our Stormwater System

Fort Lauderdale's stormwater management system is designed to prevent street flooding and provide water quality treatment as runoff flows from paved areas into the City's waterways. The system includes:

- Pump stations – fixed locations that actively move stormwater to the point of discharge
- Roadside swales – grassy areas usually between the edge of the roadway and the sidewalk
- Catch basins – storm grates in the roadway that capture and treat stormwater
- Tidal valves – devices that prevent tidal water from backing up into storm drains
- Pollution control devices – structures that remove sediment and trash from stormwater before discharge
- Deep drainage wells – pipes that direct stormwater deep underground
- Miles of interconnected drainage pipes – conveyance to move stormwater from where it falls to its discharge point

Watershed Asset Management Master Planning

In order to optimize the system's performance, the City developed a Watershed Asset Management Program (WAMP) in 2019. The WAMP is an important resource that enables the City to strategically plan for capital improvement projects and ensure proactive operation and maintenance of the stormwater system.

Key steps initiated this year include the creation of a comprehensive stormwater asset registry to keep track of all stormwater infrastructure. Staff is also working to perform inspections to assess the condition of our existing infrastructure to determine necessary repairs and replacements and allocate proper funding to operate the system. These efforts will enhance our stormwater system and its ability to reduce the intensity, duration, and frequency of flooding while also protecting waterway quality.

Stormwater pipe installation in River Oaks

Pump station along Riverwalk

Cleaning a catch basin containing a pollution control baffle

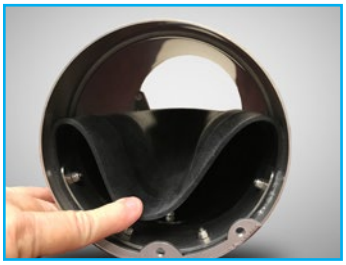

Photo showing tidal valve open on left and shut on right