



LAUDERTRAC



INFRASTRUCTURE AND RESILIENCE UPDATE

Tracking Progress on Fort Lauderdale Commission Priorities for 2022

September 2022

INVESTING IN OUR FUTURE



Isle of Palm Seawall before and after replacement.

Working to create a safer and more resilient community

In the wake of the devastating flooding caused by Hurricane Ian across the state of Florida, the City is ever aware of the challenges that stormwater and tidal flooding present for our community. While stormwater management is a critical element of the City's infrastructure year round, it is a major focus currently as we are in the midst of the rainy season, hurricane season, and seasonal king tides. The City is committed to maintaining and implementing systems that improve our community's resilience to storm events and sea level rise.

To date, the City has made significant progress by rebuilding the public seawalls along Cordova Road and Isle of Palms to a higher elevation of five feet NAVD88, which is a reference standard for elevation. Additionally, two new seawalls are currently being installed on Hendricks Isle. These elevated seawalls will improve the community's resilience to sea level rise and flooding from storms and king tide events by more effectively restricting tidal waters from entering the City's roadways. In addition, future seawall improvements are planned for the seawalls along the south side of Las Olas Boulevard in the Las Olas Isles neighborhood, along SE 10 Street in Rio Vista, and along the Riverwalk.

The City is also proposing an amendment to the Unified Land Development Regulations to set a minimum elevation for new or substantially improved seawalls and other tidal barriers to five feet NAVD88 in compliance with Broward County's regional resiliency standards for tidal flood protection. The proposed amendments are currently being discussed with various stakeholders prior to soliciting a recommendation for Commission approval from the Planning and Zoning Board. The ordinance amendments will further strengthen and prepare our City for future sea level rise as we continue to grow and prosper as a community.



Hendricks Isles seawall under construction.



Newly elevated seawall along Cordova Road during Hurricane Ian.