



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#22-0381

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: May 3, 2022

TITLE: Roadway Elevation – A Community Resilience Conversation -
(Commission Districts 1, 2, 3 and 4)

In 2019, the City experienced 170 high tides that caused roadway inundation in the lowest lying areas of our community. As high tides are reaching new peak elevations, an increasing number of neighborhoods are challenged by tidal flooding. While the City is moving aggressively forward with tidal valve installation and stormwater management improvements, access to some properties is increasingly limited due to tidal inundation on City roads. As sea level continues to rise on an accelerating curve (another 10-12 inches by 2050), the crown of the road in more and more areas will be below the peak high tides for the year. Some property owners are calling upon the City to do more to address tidal flooding, including elevating existing roadways to heights resilient to sea level rise for the coming decades.

As resilience continues to be a Commission Top Priority, policy discussions need to be initiated to start considering long term approaches to determining City investments in climate adaptation strategies including roadway elevation.

Resource Impact

There is no fiscal impact associated with this action.

Strategic Connections

This item is a *2022 Top Commission Priority*, advancing the Infrastructure and Resiliency initiative.

This item supports the *Press Play Fort Lauderdale 2024 Strategic Plan*, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community
- Objective: Reduce flooding and adapt to sea level rise

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

This item supports the *Advance Fort Lauderdale 2040 Comprehensive Plan* specifically

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advancing:

- The Infrastructure Focus Area
- Climate Change Element
- Goal 2: Achieve a climate-resilient community through the protection and adaptation of public infrastructure, services, and natural resources from adverse climate change impacts.

Attachment

Exhibit 1 – Roadway Elevation Policy Consideration Presentation

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