

M E M O R A N D U M

To: Tom Harmer, Town Manager
From: Isaac Brownman, Public Works Director
Report date: December 6, 2022
Meeting date: December 12, 2022
Subject: Sea Level Rise & Resiliency Comprehensive Adaptation Plan – Phase 4 Update

Recommended Action

None, informational only.

Background

The Town initially engaged APTIM Environmental and Infrastructure (APTIM) in 2018 to provide a practical, high-level overview of impacts from sea level rise and recurrent flooding, and then to develop recommendations for adaptation. The APTIM team developed a four-step approach to accomplish this effort:

1. Initial Assessment
2. Define Impacts
3. Adaptation Strategies
4. Implementation Plan

The Initial Assessment to establish a practical baseline and projection period was completed in the Fall of 2018. Subsequently, the Town authorized APTIM to work on the Phase 2 data collection and analysis. That effort was completed in 2021 and an update provided to the Town Commission on at their November 15, 2021 Regular Workshop Meeting.

The Town authorized APTIM to complete Phase 3 and Phase 4 earlier this year. APTIM has provided the results of their Phase 3 efforts at the June 20, 2022 Regular Workshop Meeting. Phase 3 included re-baselining to the State-required scenario years of 2040 and 2070, and also using the National Oceanic and Atmospheric Administration (NOAA) Intermediate Low and Intermediate High predicted curves.

The Phase 4 Comprehensive Adaptation Plan will function as a road map for future CIP and operations planning, as well as a guidance document for future development of Town Code amendments as needed.

APTIM will provide an update to the Phase 4 effort at the Town Commission's December 12, 2022 Regular Workshop Meeting. The focus of this update will be on updating Comprehensive Plan policies to support adaptation and resiliency.

Next Steps

APTIM will complete Phase 4 of the Study and conclude their scope of work. Town staff and APTIM will provide a final report and update as part of the January 23, 2023 Regular Workshop Meeting.

Staff Recommendation

None, informational only.

Attachments

- A. Summary of the December 12, 2022 presentation (Available from Town Clerk's Office)
- B. PowerPoint Presentation (Available from Town Clerk's Office)

End of Agenda Item