



City of Boynton Beach Agenda Item Request Form

Meeting Date: 02/18/2025

Proposed Resolution No. R25-045- Ratifying the City's application for the Florida Department of Environmental Protection's Resilient Florida Grant to Update the Vulnerability Assessment Project in the amount of \$150,000, authorizing the City to accept the Grant, and authorizing the Mayor to execute all documents related to the Grant that do not increase the City's financial obligations subject to the approval of the City Attorney.

Requested Action:

Staff recommends approval of Proposed Resolution No. R25-045.

Explanation of Request:

In 2022, the City of Boynton Beach completed updates to a Climate Change Vulnerability Assessment (CCVA) conducted as part of the Coastal Resilience Partnership of Southeast Palm Beach County for eight jurisdictions. The 2022 analysis requires an update due to the changes to Section 380.093, Florida Statutes, effective July 1, 2024, regarding the sea level rise scenarios and planning horizons. This project will update the 2022 CCVA for the City of Boynton Beach to evaluate flooding using the 2022 NOAA intermediate-low and intermediate sea level rise scenarios for the 2040 and 2070 planning horizons.

The Utilities Department applied for the Resilient Florida Grant, which aims to provide funds for updating the City's Vulnerability Assessment. The project will include detailed analyses of vulnerabilities and risks associated with rainfall-induced flooding, storm surge, and tidal flooding. Asset classes to be evaluated include critical facilities, water infrastructure, property, transportation and mobility, people and socioeconomics, economic factors, and natural resources.

The total project cost is approximately \$150,000. The City of Boynton Beach requested grant funds for the whole project with no matching funds required from the City. The City submitted the application on September 1st, 2024.

How will this affect city programs or services?

The City of Boynton Beach is committed to the well-being and protection of its residents and finds it imperative to update the City's Vulnerability Assessment, which provides an understanding of the risk for climate threats/hazards that can negatively impact community assets and our residents. The project will maintain eligibility for future funding that will play a key role in the community's future resilience by allowing the City to commence projects aimed at reducing the long-term costs associated with flooding and other scenarios.

Account Line Item and Description: Not Applicable

Fiscal Impact:

The Resilient Florida Grant offered by the Florida Department of Environmental Protection is expected to fund \$150,000 for the total project. No match is required.

Attachments:

[R25-045 Agenda Item 2708-2025 Resolution for FDEP Resilient Florida Grant.docx](#)

[Exhibit A to Resolution - Attachment 1. Resilient Grant Application - FINAL.pdf](#)

[DEP Resilient Florida Program FY24-25 Planning Grant 25PLN04 - Notice of Award.pdf](#)