

STAFF REPORT UTILITY MEETING

AGENDA DATE: September 26, 2023

DEPARTMENT: Water Utilities

TITLE:

Resilient Florida Grant Program Additional Funding Request for the Eden Place Sea Level Rise Mitigation Project

SUMMARY:

On July 27, 2022, the City entered into an Agreement with the Florida Department of Environmental Protection that sets forth the terms and conditions for the use of \$300,000 in funding assistance under the Resilient Florida Grant Program for mitigation measures to relieve the chronic flooding problems that adversely impact the Eden Park neighborhood. In the preliminary stages of the project it has been determined that more substantial shoreline protection will be necessary around the new outfall to address erosion issues and provide requisite safety measures. Accordingly, the City has applied for additional funding under the Fiscal Year 2024 Resilient Florida Grant Program in the amount of \$491,375 for this purpose.

BACKGROUND AND JUSTIFICATION:

On July 27, 2022, the City entered into Agreement 22FRP70 with the Florida Department of Environmental Protection that sets for the terms and conditions for the use of \$300,000 in funding assistance under the Resilient Florida Grant Program for undertaking mitigation measures to relieve the chronic flooding conditions in the Eden Park neighborhood.

The eastern terminus of 16th Avenue North currently lacks a stormwater outfall and adequate storage to alleviate local flooding. In the preliminary stages of the project, it has been determined that more substantial shoreline protection will be needed around the new outfall to address erosion issues due to high tides, and safety measures will be needed (e.g., rails or ramp). Further, the permitting and design phases will be more involved than originally contemplated, as the project location is immediately north of the Lake Worth Beach Golf Course, which may be subject to additional permit restrictions. Additional analyses will need to be conducted by the project engineer to ensure that the proposed improvements will provide resiliency in times of heavy rainfall and high tides.

The City has accordingly requested an additional \$491,375 in funding under the Fiscal Year 2024 Resilient Florida grant program. A local cost share of \$491,375 will be required to this grant funding. The source of the local cost-share funding will be the Stormwater Enterprise Fund.

According to the Stantec Financial Sustainability Analysis of the Stormwater Enterprise Fund, there are enough reserves in the fund balance to meet the requirements if Lake Worth Beach were to receive this grant opportunity.

MOTION:

Move to approve/disapprove the City's request for \$491,375 in funding assistance under the FY 2024 Resilient Florida grant funding for the Eden Place Sea Level Rise Mitigation project.

ATTACHMENT(S):

Fiscal Impact Analysis – N/A
FY 2024 Resilient Florida Grant Program Funding Request

Project Cost Estimate