

EXECUTIVE BRIEF REGULAR MEETING

AGENDA DATE: January 4, 2022

DEPARTMENT: Water Utilities

TITLE:

Resolution No. 02-2022 – Hazard Mitigation Grant Program Application for South Palm Park Resiliency Project

SUMMARY:

The resolution approves and authorizes the submission of an application to the State of Florida Division of Emergency Management for Hazard Mitigation Grant Program funding in the amount of \$450,000 that are available from the recent Presidential Disaster Declaration for the COVID-19 Pandemic (FEMA-4486-DR-FL). These funds will be used to implement mitigation measures to relieve the chronic flooding in the South Palm Park neighborhood of the City.

BACKGROUND AND JUSTIFICATION:

Resolution No. 02 -2022 approves and authorizes the submission of an application for \$450,000 in funding under the Hazard Mitigation Grant Program (HMGP) for mitigation measures to relieve the chronic flooding in the South Palm Park neighborhood of the City. The worsening flood conditions at the eastern end of 18th Avenue South are adversely impacted by standing stormwater that results from heavy rainfall and surges of water from the king tides that overflow the Lake Worth Lagoon as the existing stormwater outfall is unable to drain properly.

Proposed improvements include mitigation measures to alleviate the chronic flooding. These measures include the installation of a stormwater pump station that will pump stormwater into the Lake Worth Lagoon through a new outfall that will be equipped with an outfall tidal check valve. The tidal check valve will serve to prevent waters from the Lake Worth Lagoon from backing up through the outfall into the neighborhood. These measures will serve to make the stormwater system more resilient to sea level rise and better protect the neighborhood.

The cost of these improvements is estimated to be \$600,000. Of this amount, the City is requesting grant funding in the amount of \$450,000. In accordance with HMGP guidelines, the City will be required to provide \$150,000 as a local cost share.

The project is currently being designed by Chen Moore and Associates, who will also be responsible for obtaining requisite permits and providing construction engineering once the construction process is underway. Required permits will include those issued through the South Florida Water Management District, the US Army Corps of Engineers and other applicable agencies.

The application will further include a letter of support from the Palm Beach County Local Mitigation Strategy Working Group that is coordinated by the Palm Beach County Department of Public Safety's Division of Emergency Management. This letter will serve to verify that the project is included in the current Prioritized Project List and is thereby eligible to be considered for HMGP funding assistance.

MOTION:

Move to approve/disapprove Resolution No. 02-2022 approving and authorizing the submission of an application to the State of Florida Division of Emergency Management requesting \$450,000 in funding under the Hazard Mitigation Grant Program to implement mitigation measures to relieve the chronic flooding in the South Palm Park neighborhood of the City.

ATTACHMENT(S):

Fiscal Impact Analysis
Resolution 02-2022

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	600,000	0	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	450,000	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
 Net Fiscal Impact	 0	 0	 0	 0	 0
 No. of Addn'l Full-Time Employee Positions	 0	 0	 0	 0	 0

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Account Number	Account Description	Project Number	FY22 Budget	Current Balance	Budget Transfer	Agenda Expenditure	Balance
408-0000-207.91-80	Storm Grant Fund	N/A	\$0	\$0	\$0	\$450,000	\$450,000
428-5090-538.63-15	Storm Infrastructure	NR1904	\$3,007,943	\$2,294,681.23	\$	\$600,000	\$1,694,681.32