

Project Title: Resiliency & Hardening **Council District(s):** CW
Project Location: Countywide **Project Number:** 009006
Department: Public Works **Program Area:** Roads/Infrastructure/Transportation
Ordinance No.: BT 4-01 **Project Completion Date:**
Useful Life:

Project Description:

Review and analyze available data, models, studies, and design guidance documents to identify the critical CITY infrastructure which may be susceptible to increasing levels of precipitation, increasing changes in sea level or increased tidal surge, to identify the challenges and risks associated with these potential variances, and to provide for resiliency against the more severe storms, larger tidal events, and resulting impacts.

Justification:

Northeast Florida and the City of Jacksonville were directly impacted by both Hurricane Matthew in October, 2016 and Hurricane Irma in September, 2017. In addition, after a two (2) year drought period, over thirty-two inches (32") of rainfall was recorded in Jacksonville during the three (3) month period of June through August 2017, where fifty-two inches (52") of rainfall is the average annual amount over the past thirty (30) years. The extreme weather affected The City's stormwater management systems (stormwater pump stations, stormwater facilities/ponds, stormwater conveyance systems).

Funding Sources	Total	Prior Years	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	Beyond 5th
Transfer Between Projects	\$ -							
Debt Proceeds / Borrowed Funds	\$ 500,000	500,000						
Pay-Go	\$ -							
Interest Earnings	\$ -							
Contribution from Private Source	\$ 575,000	75,000	500,000					
Grant / Trust Fund	\$ -	575,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ 1,075,000	\$ 575,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -

Funding Sources	Total	Prior Years	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	Beyond 5th
Design & Engineering	\$ -		500,000					
Land Acquisition & Site Preparation	\$ -							
Construction	\$ 500,000	500,000						
Capital Equipment	\$ -							
Misc. Equipment & Furnishings	\$ -							
Other Professional Services	\$ 75,000	75,000						
Totals	\$ 575,000	\$ 575,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -