



STORMWATER RESILIENCE MASTER PLAN

A City-Wide Study

What is this Project?

The current stormwater master plan was last adopted in 2013. This proposed update will incorporate recent vulnerability assessments, resilience studies and comprehensive plan update to better assess the increase in risk from coastal and rainfall driven flooding. This update will fill in data gaps from the previous coastal vulnerability assessment

Why is this project needed?

With the last stormwater master plan's data being from 2013, several flood events have taken place since due to hurricanes, king tides and heavy rain fall.

Gathering current data will include an updated comprehensive analysis and risk assessment of critical infrastructure for coastal, rainfall and compound flooding; needed stormwater ordinance and development code modifications; prioritization of areas needing stormwater improvements for flooding/water quality; benefit and cost analysis for flooding/water quality improvement projects; public outreach and education; evaluation of funding options; and development of Capital Improvement Projects to vulnerable areas.

How will this project benefit the community?

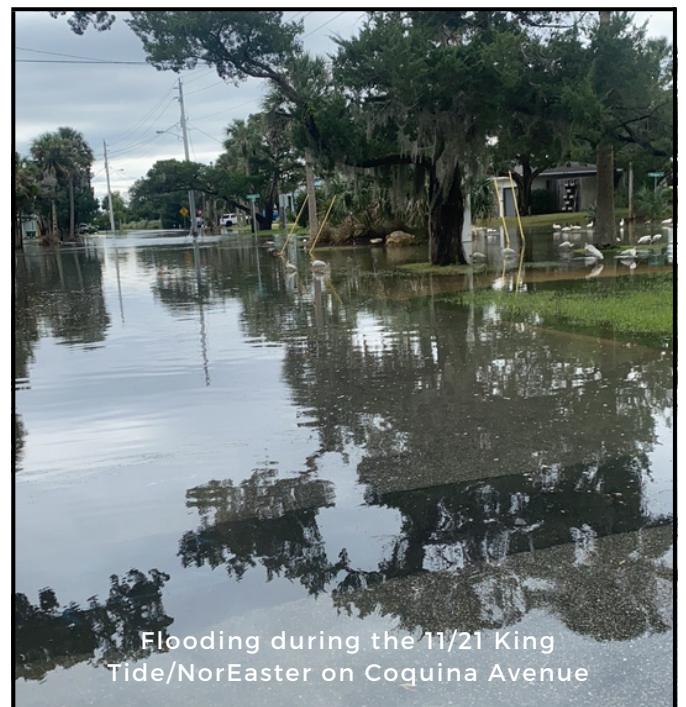
The master plan will prioritize areas requiring stormwater improvements for flooding and water quality, provide guidance for seawall heights and backflow prevention for stormwater systems and provide alternative cost-effectiveness (benefit and cost) analyses for flood and water quality improvement projects.

How is this project being funded?

The City of St. Augustine has received funding from the American Rescue Plan Act to fund the total cost of the study at \$2,000,000



Flooding during the 11/21 King Tide/NorEaster on Grant Street



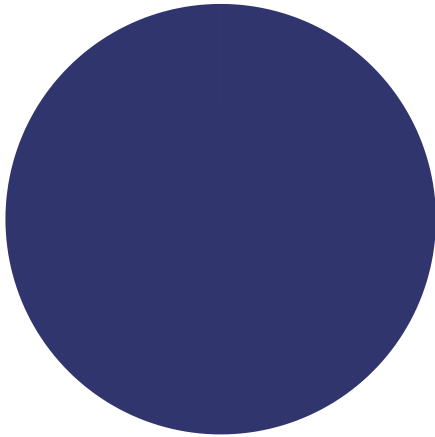
Flooding during the 11/21 King Tide/NorEaster on Coquina Avenue



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Total Cost: \$2,000,000



**ARPA Funding
100%**



Flooding during the 11/21 King Tide/NorEaster at the Marina Seawall

PROJECT SCHEDULE

YEAR	FDEP FISCAL YEAR (JULY 1-JUNE 30)	PROJECT PHASE	PROJECT STATUS	FEDERAL-SOURCED MATCH AMOUNT	OTHER-SOURCED MATCH AMOUNT	CUMULATIVE TOTAL
1	FY 22-23	PHASE 1	DATA COLLECTION, ANALYSIS AND MOD	\$666,667	\$0	\$666,667
2	FY 23-24	PHASE 2	DATA COLLECTION, ANALYSIS AND MOD, COMMUNITY OUTREACH	\$666,667	\$0	\$666,667
3	FY 24-25	PHASE 3	COMMUNITY OUTREACH / MASTER PLAN	\$666,667	\$0	\$666,667
TOTAL	N/A	N/A	TOTAL FOR ALL PHASES	\$2,000,000	\$0	\$2,000,000.00