

PROJECT INFORMATION FACT SHEET



Lake Maria Sanchez Flood Mitigation and Drainage Improvement Project

Flood protection, mitigation and resiliency project

Project Summary

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Objectives:

- ✓ Flood Protection (Structures)
 - Estimated 200 Acre Benefit Area
 - 25-Year Storm + 2050 Sea Level Rise (SLR) Coastal Event (6.4 feet storm surge)
 - Protect 186 Structures currently at risk
- ✓ Flood Protection (Roadways)
 - 10-Year, 24-Hour Rainfall Event Level of Service (7.6 inches)
 - Also protected from Coastal Flooding



**Roadway Flooding
DeSoto/Granada**

Critical Project Components:

- ✓ Conveyance Improvements to Historical, Downtown Area (Granada, Cordova, and Bridge Street to Lake Maria Sanchez)
- ✓ Stormwater Pump Station sized for 100 Cubic Feet per Second (CFS) or 65 Million Gallons per Day
- ✓ Approximately 26 Tide Gates at Existing Outfalls to prevent tidal backflow into conveyance system and streets
- ✓ Bulkheads
 - 1,900 Linear Feet
 - Elevation 7.0 Feet



**Storm Event
Lake Maria Sanchez**

Estimated Costs

City of St. Augustine	\$ 4,075,000
FEMA (75% reimbursable)	\$ 12,225,000



**High Tide
St. Francis/Cordova**