



Town of Surfside, Florida
CID# 120659

CRS Activity 510, Floodplain Management Plan
Annual Progress Report 2021

Date this Report was Prepared: Feb 25, 2021

Name of Community: Town of Surfside, FL

Name of Plan: Miami-Dade County Local Mitigation Strategy 2020

Date of Adoption of Plan: October 13, 2020

5 Year CRS Expiration Date: September 15, 2025

1. *How can a copy of the original plan be obtained?*

At the following website address:

https://1drv.ms/u/s!AoyF_g5po77KatHKEc2ON_vvTbU?e=VylpBf

2. *Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:*

This report was prepared by James McGuinness, EI, CBO, CFM, Building Official Designee, Town of Surfside, Florida. The report will be presented to the Town Commission by memo from the Town Manager. The report will be posted to the Town's "Hurricane and Flood Information" webpage.

3. Provide a description of the implementation of each recommendation or action item in the action plan, including a statement on how the project was implemented or not implemented during the previous year:

- Stormwater Management Enhancements – Abbott Avenue and surrounding area
 - Estimated Cost:
 - Funding: Application for planning funds (\$108,000) submitted to DEO Rebuild Florida General Planning Support program.
 - Project Description: Engineering, design and construction services for projects that enhance the stormwater management along Abbott Avenue and other nearby areas. These areas regularly experience flooding during heavy rainfall, storms and hurricanes, and flood risk is growing due to changing climate conditions
 - Completion timeline: Unknown
 - Status: Ongoing. Awarded to engineering firm.

- Underground Utility Lines
 - Estimated Cost: Unknown
 - Funding: The Town applied for DEO General Infrastructure Support Grant (2020). Town has offered up to \$9 million in funding
 - Completion Timeframe: Unknown
 - Project Description: Burying overhead utility lines would reduce future power outages during disaster and improve the aesthetics of the town.
 - Status: Paid fee to FP&L. In planning phase.

- Drainage Station Generators
 - Future Unfunded Project
 - Project Description: Three generators to provide backup to drainage stations in the event of a wind- or water-induced power outage.
 - Status: Unfunded

- Stormwater Master Plan
 - Evaluation of the Town's stormwater management practices, existing drainage facilities, future projects and funding, priority flooding and water quality concerns, sea-level rise and tidal flooding considerations and regulatory policies.
 - Status: Project was begun but has been placed on hold while additional funding sources are identified. Applied for one grant and was awarded \$107,000. In planning phase.

- Vulnerability Assessment
 - Project Description: Assessment of the Town's vulnerability to storm surge and flooding. Compiles property values and calculates the potential economic value of adaptation to sea-level rise.

- Funding: May be able to apply for a grant through DEP's Office of Coastal Resilience
- Status: Future unfunded project

- Conduct a study of storm surge mitigation measures:
 - Estimated Cost: \$50,000
 - Completion Timeframe: unknown
 - Project Description: The town is subject to the loss of sand from its beaches and has proposed a study to determine if any measures are available to mitigate the effects of storm surges.
 - Progress to date: The Sustainability Committee is tasked with addressing these areas as part of their commission.
 - Status: unfunded

4. Discuss why any objectives were not reached or why implementation is behind schedule:

All funded projects are on schedule.

5. What are the recommendations for new projects or revised recommendations?

- Dune Survey and Beach Management Plan
 - In 2020 the Town Commission approved the proposal and work authorization with Calvin Giordano & Associates, Inc. to perform a dune survey and beach management plan.
 - Status: Placed on hold; beach renourishment project by Army Corps of Engineers to be completed first.

- Stormwater Management System Improvements
 - Estimated Cost:
 - Completion Timeframe: Unknown
 - Project Description: There are areas of Surfside that flood repeatedly. This project would improve the stormwater management system in those areas to reduce flooding in future disasters.
 - Status: Engineering study has been completed; improvements are being considered.