



Memorandum

TO: Mayor and Councilmembers

THRU: Richard J. Lemack, Town Administrator

THRU: Phillip R. Holste, Assistant Town Administrator *Phillip R. Holste*

THRU: Osdel Larrea, Public Works Director *Osdel Fernandez-Larrea*
Osdel Fernandez-Larrea
Date: 2023.04.25 11:56:33
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FROM: Natasha Alexander, Stormwater Coordinator *Natasha Alexander*

SUBJECT: Status of Broward County Local Mitigation Strategy:
Town of Davie - 2023 Update

DATE: April 21, 2023

The Town of Davie has participated in the Local Mitigation Strategy process since September 1998 (Resolution 1998-278). The Town formally adopted the current local mitigation strategy plan, the 2017 Broward County Multi-Jurisdictional Local Mitigation Strategy, in December 2017 (Resolution 2017-380).

Attached to this memo is the Town's annual progress plan specific to its participation and actions in the implementation of the plan's goals. This document was prepared by Town staff and was reviewed, revised, and approved by Administration.

For credit under the Community Rating System, this document must be distributed to the media covering the Town of Davie. Copies of this report and of the Broward County Local Mitigation Strategy are available for review at Town Hall, 8800 SW 36th Street and the Davie/Cooper City Library, 4600 SW 82nd Avenue. A notice of its availability is posted on the Town's website under press releases and in the section devoted to the local flood hazard.

CRS Activity 510

2023 Town of Davie Progress Report on its Local Mitigation Strategy Date This Report was:

Prepared: **April 21, 2023**

Name of Community: **Town of Davie, Florida**

Name of Plan: **2017 Broward County Multi-Jurisdictional Local Mitigation Strategy**

Date of Adoption of Plan: **December 6, 2017 (Town of Davie plan adoption); March 12, 2018 (effective date with FEMA)**

*5 Year CRS Expiration Date: **March 12, 2023***

1. How can a copy of the original plan or area analysis report be obtained:
Davie Town Hall (8800 SW 36th street), Davie/Cooper City Library (4600 SW 82 Avenue), Town of Davie website (www.davie-fl.gov).

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 memo is the Town's annual progress plan specific to its participation and actions in the implementation of the plan's goals. The memo was prepared by Town staff and was reviewed, revised, and approved by Administration.

The evaluation is submitted via memo format to the Town Council, sent via press release to the media and posted online via the Town website. The report is also sent through an email list to subscribers and copies are available at Davie Town Hall.

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

Goal #1: Protect human health, safety and welfare.

a. Expansion of the Town's open space and parks system

Status: In September 2005, Town residents approved a \$25 million Open Space Bond. The bond's goals included protecting the quality of water bodies and the preservation of natural areas. These funds have been used to purchase 240 acres of open space/park land including the Arrowhead Golf Course (now known as Davie Golf and Country Club), Governor Leroy Collins Park and Expansion, Old Davie School Addition, Sunny Lake Expansion, Peaceful Ridge Park, and Batten's Farm. The Town recently purchased approximately 0.35 acres of land to expand the Old Davie School property. In addition, the Town has issued a bond to develop the Davie Wetlands Park as a stormwater facility.

b. Maintain the Town's Fire ISO Rating

As of September 1, 2018, the Town of Davie's Fire Rescue Department is classified as a Class 1 Public Protection Classification (PPC) Rating agency. The Class 1 rating is the highest possible score that can be given to any fire department nationwide. Throughout the United States, there are only 411 departments that are Class 1 and only 43 in Florida. There are over 47,000 fire departments in the country.

Goal #2: To increase business, residential, and community awareness and implementation of hazard mitigation.

a. Disseminate flood information through Town publications and other resources. In addition, the Town provides swale upkeep brochures at various Town events and is on hand at Town Hall. The swale brochures are also available for pick up in our Building department and Public Works/Fire Administration Building.

Status: Ongoing. The Town includes flood or hurricane-related outreach information in each issue of its magazine, the Davie Update. The outreach covers a wide range of flood safety and preparation topics.

The Town's website, YouTube channel, and the NextDoor app are three sources through which residents receive flood information on a regular basis throughout the year. The website contains the Town's flood protection web page that provides extensive information on flood insurance, safety, property protection measures, and other flood-related issues. This information is updated yearly. The Town also utilizes social media, including Facebook, Instagram, and Twitter to disseminate information regarding flood insurance, safety and property protection measures.

In previous years, the Town held the Hurricane Preparedness Open House. The Open House provided educational information, presentations, and materials related to hurricane preparedness and recovery such as pre-registering for shelters (special needs and pet friendly), organizing your hurricane supplies, registering for the horse release program, creating a plan for your family and signing up for emergency alerts. Due to COVID-19, the Town was unable to continue to hold this Open House. The Town is looking to restart this event prior to the upcoming 2023 hurricane season.

b. Develop a clearinghouse to disseminate accurate and consistent information relating to disaster mitigation.

Status: The Engineering Division has responded to flood protection assistance requests focusing on property protection measures. The Town's grant division serves as the clearinghouse for all grants including those related to disaster

mitigation. Staff is available to assist residents in completing mitigation grant applications.

Goal #3: To ensure adequate training opportunities to support hazard mitigation and enhance outreach efforts that educate the public on existing identified hazards as well as new and emerging threats and hazards.

a. Provide training opportunities to staff members involved in floodplain management.

Status: Ongoing. Town employees continue to maintain their membership in floodplain management organizations. The Town continues to conduct internal training of public works staff on the importance of proper maintenance, the cleaning of catch basins and removing materials to prevent blockages.

b. Enhance outreach efforts that educate the public on existing identified hazards as well as new and emerging threats and hazards.

In previous years, the Town held the Hurricane Preparedness Open House. The Open House provided educational information, presentations, and materials related to hurricane preparedness and recovery such as pre-registering for shelters (special needs and pet friendly), organizing your hurricane supplies, registering for the horse release program, creating a plan for your family and signing up for emergency alerts. In addition, the Town highlighted emergency management initiatives at its Community Forums and Vision and Goal Setting Session.

Due to COVID-19, the Town was unable to continue to hold this Open House. The Town is looking to restart this event prior to the upcoming hurricane season. The Town publishes hurricane and flood preparedness information in each issue of the Davie Update which is mailed to all Town residences.

Goal #4: To facilitate preventive measures to mitigate hazards.

a. Provide site-specific information and assistance to inquirers, including map information, flood protection advice, and information about selecting and dealing with contractors.

Status: This activity is ongoing. Town staff respond to inquiries related to FIRM (Flood Insurance Rate Map) and LOMA (Letter of Map Amendment)/LOMR (Letter of Map Revision) requests. The Engineering Division continues to conduct site visits to review flooding and drainage issues. They also provide one-on-one assistance as needed to property owners. The Engineering Division also conducted swale inspections as part of the Town's development process.

b. Implement projects to correct localized flood problems.

Status: FAU completed a stormwater needs-based assessment to identify future drainage capital improvement projects. In addition, the Town Council adopted the Transit Oriented Corridor stormwater master plan and is seeking funding mechanisms.

The following drainage projects are underway:

- **Shenandoah Drainage Improvements - Currently, the Town is designing a drainage pump that will lower water levels prior to storm events in the Shenandoah community. It includes the Vista Filare neighborhood.**
- **New River Estates and Surrounding Roadways Drainage Improvements - Drainage Study complete. Design is underway.**
- **Little Country Estates and Groves Estates Drainage Improvements - Design and permitting complete. Funding has been allocated. The construction contract has been awarded.**
- **Oak Hill Drainage Improvements- Conceptual drainage study is complete. A bid for design services has been awarded. This project will include options to utilize the Davie Wetlands Park for stormwater retention.**
- **SW 61st Avenue Drainage Improvements- Design and permitting complete. The project is ready to be advertised for construction.**
- **Transit-Oriented Corridor (Oakes and Burris Road) Drainage improvements - Drainage study completed.**
- **SW 148th Avenue Swale Regrade Improvements - Project construction bid documents have been submitted for advertising.**

Goal #5: To facilitate planning initiatives that ensure effective hazard mitigation programs and policies.

a. Monitor the implementation of the local mitigation strategy and prepare a written progress report to the Town Council yearly.

Status: This document represents the Town's update to the local mitigation strategy. In 2007-08, the Task Force completed the drafting of its Chapter 4: Risk Assessment. In June 2009, the task force submitted the revised LMS for review by the State of Florida. The State reviewed and approved this strategy, and it received final FEMA approval. The Town Council of the Town of Davie approved the enhanced local mitigation strategy in April 2013. Subsequently, the plan has been revised and the Town Council approved the new strategy in December 2017.

b. Update the Broward County mitigation project list to represent new local initiatives.

Status: The Town submits projects to the local mitigation task force for inclusion on the county-wide mitigation list. These sites are scored to determine their priority during grant cycles. The Town submits new projects to this list as necessary.

c. Ensure the capital improvements program provides funding for the Town's drainage system and make improvements as necessary.

Status: The Town continues to evaluate its system and identify funding sources for drainage improvements. The Town has an ongoing capital improvements drainage program. Please see Goal 4b for specific improvements.

d. Continue to participate in flood management programs and disseminate information and recommendations to the Town Council, staff, and residents.

Status: Town Administration, Engineering and Public Works have kept the Council up to date on the Town's participation in the CRS and its compliance with the National Pollution Discharge Elimination System (NPDES). The State conducts its annual NPDES audit review in October. In July 2014, the Town Council approved an updated Floodplain Management Ordinance that coordinates with the Florida Building Code and satisfies the requirements of the National Flood Insurance Program. In 2019, the Town also hired a Stormwater Coordinator to oversee the maintenance and operation of its stormwater system.

e. Implement the Town's Stormwater Master Plan

Status: The Stormwater Master Plan has been completed and was approved by the Town Council in November 2017. To date, the Town Council has allocated over \$22 million towards implementing projects identified in the stormwater master plan including project design and construction. This funding includes Town funds and other sources including the American Rescue Plan, federal appropriations and state appropriations.

Goal #6: Develop and enhance regional mitigation efforts.

a. Participate in regional mitigation efforts.

Status: The Town of Davie has participated in the Local Mitigation Strategy process since September 1998 (Resolution 1998-278). The Town formally adopted the current local mitigation strategy plan, the 2017 Broward County Multi-Jurisdictional Local Mitigation Strategy, in December 2017 (Resolution 2017-380).

Town staff participated in the Police/Fire Expo on February 11th, 2023, which was widely publicized on Town social media sites and the Town's website. During this event, staff passed out fliers and pamphlets with preparedness, mitigation and recovery information from state and federal resources.

The Town has been a member of the Mitigation Task Force, also known as the LMS Working Group, since its inception staff have attended its quarterly meetings. Furthermore, Town staff has been meeting quarterly with the Central Broward Water Control District (CBWCD) to implement stormwater studies and infrastructure improvements.

Goal #7: Promote mitigation partnerships and innovative methods of financing mitigation.

a. Increase awareness of mitigation funding sources, especially repetitive loss properties

Status: Through its annual outreach to repetitive loss properties and/or SFHA properties, the Town provides information on the various flood mitigation grant programs, including the Flood Mitigation Assistance and Repetitive Loss. The Town has been contacted by residents about these programs and is providing assistance to determine eligibility. The Town has also completed a repetitive loss area analysis. This analysis evaluates repetitive loss areas to identify the flooding source, determine if drainage issues are site-specific or neighborhood-wide and propose potential solutions. This analysis provides a basis for identifying mitigation funding for future projects.

Goal #8 - Lower flood insurance premiums through Community Rating System (CRS)

a. Maintain the Town's Community Rating System (CRS) classification.

Status: The Town is currently a Class 7 community in the CRS program. The Town's last cycle verification visit occurred in December 2019. The Town continues to maintain sufficient CRS activities to maintain its CRS Class 7.

Goal #9 - Encourage resilient infrastructure county-wide.

a. Implement resilient projects for Town infrastructure.

Status: The Utilities Department continues to harden and elevate pump stations and upgrade generators to ensure the water and sewer system can continue operations during a natural disaster. The Town is a recipient of a Florida Resilient Grant that will fund the completion of a vulnerability assessment of all Town infrastructure. The Town of Davie Vulnerability Assessment Project will evaluate flooding, sea level rise, climate, wind events, heat events and other nature-related events relative to Town assets. As a result, the Town will be able to judge the vulnerability of its infrastructure and critical facilities and develop the appropriate mitigation and adaptation strategies for each impacted system of the facility.

Finally, the Town Council has allocated \$22 million to drainage studies and improvement projects as detailed in Goal #4.

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

Of the 17 action items reviewed, all action items are performed or are underway. The Town continues to increase business and resident awareness of hazard mitigation through the initiation of social media campaigns including Facebook, Instagram, Twitter and NextDoor.

5. What are the recommendations for new projects or revised recommendations?
- **Continue implementing the Progress Plan's action items and recommendations.**
 - **Expand the dissemination of flood information through Town publications and other resources.**