



ADMINISTRATION DEPARTMENT

6591 ORANGE DRIVE • DAVIE, FLORIDA 33314-3399
PHONE: 954.797.1034 • FAX: 954.797.2061 • WWW.DAVIE-FL.GOV

Memorandum

TO: Mayor and Councilmembers

THROUGH: Richard J. Lemack, Town Administrator 

FROM: Phillip R. Holste, Assistant Town Administrator

SUBJECT: Status of Broward County Local Mitigation Strategy: Town of Davie – 2018 Update

DATE: December 28, 2018

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).

Broward County produces the annual progress report for this plan. 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.

For credit under the Community Rating System, this memo must be distributed to the media and available to the public. It is being sent to the media that covers the Town of Davie. Copies of this report and of the Broward County Local Mitigation Strategy are available for review at Town Hall, 6591 Orange Drive and the Davie/Cooper City Library, 4600 SW 82 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.

I. Background

The original Broward County Local Mitigation Strategy (LMS thereafter) was drafted by the Broward County Mitigation Task Force and Broward County Emergency Coordinating Council in 1999-2000. The strategy focused on all potential hazards including those related to wind and flood. The plan recommended four goals to reduce and prevent hazards, including flooding.

The plan was updated in 2002-2004 and identified an additional goal which focused on increasing awareness of available funding sources for mitigation. The Town has been a member of the Mitigation Task Force, also known as the LMS Working Group, since its inception and attends its quarterly meetings. 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 for final FEMA approval. The Town Council of the Town of Davie approved the enhanced local mitigation strategy in April 2013. In December 2017, the Town Council approved the revised Broward County local mitigation strategy that meets the federal hazard mitigation planning standards contained in 44 CFR 201.6(b)-(d).

This document reviews the LMS goals listed in the 2017 LMS, Section 6 – Mitigation Initiatives.

The progress plan will evaluate the goal's outcome using the defined action items to determine the Town's overall implementation and successes. The Town continually evaluates these goals and actions and makes necessary modifications as deemed necessary.

II. Review of Goals and Objectives

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

a. Expansion of 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 an additional 2 acres of open space/park land adjacent to Betty Booth Roberts Park.

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 329 departments that are a class 1 and only 32 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.

Status: Ongoing. The Town publishes an annual flood information outreach document within its magazine, the Davie Update. This 3-page article covers a wide range of floodplain management subjects.

The Town's website and Town-run television channel, Channel 78 on Comcast, are two sources through which residences receive flood information on a regular basis throughout the year. The website contains the Town's flood protection webpage 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 2018, the Town held its first 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.

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 2018, the Town held its first 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.

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 of 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. Engineering 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:

- Eastside Drainage Improvements– Replacement of existing undersized storm drainage facilities east of Davie Road and north of Orange Drive. The project infrastructure has been installed and the project will be completed by April 2019.
- Westside Drainage Improvements – Creation of a master drainage system for properties on the west side of the Davie Road corridor, north of Orange Drive. The project was completed in 2018.
- Shenandoah Drainage Study- Currently, the Town and the Central Broward Water Control District (CBWCD) is undertaking a drainage study to examine proposed enhancements to the Shenandoah community, including Vista Filare.

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 for 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 Community Rating System (CRS) and its compliances 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.

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. Subsequently, the Town Council has allocated \$1.25 million towards implementing projects identified in the master plan including project design and construction

Goal #6: Develop and enhance regional mitigation efforts.

a. Participate in regional mitigation efforts.

Status: The Town has been a member of the Mitigation Task Force, also known as the LMS Working Group, since its inception and attends 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 February 2013. The Town continues to maintain sufficient CRS activities to maintain its CRS classification.

Goal #9 – Encourage resilient infrastructure county-wide.

- a. Implement resilient projects for Town infrastructure.

Status: The Town is constructing a new Field Operations Center (FOC) as part of the new Fire Station 86/Community Center project. This center will be a Category 5 facility that will serve as the Town’s FOC during natural disasters and emergency events. Furthermore, the Town is implementing hardening projects at its fire station, utilities facilities and drainage system through Hazard Mitigation Program and Pre-Disaster Mitigation grants. The fire project will harden fire stations to ensure essential life safety services can be conducted after a hurricane or other high wind events. The Utilities Department will harden and elevate pump stations and upgrade generators to ensure the water and sewer system can continue operations during a natural disaster. Finally, the Town Council has allocated \$1.25 million towards small scale drainage improvements.

III. Action Items Status

Of the 17 action items reviewed, all action items are performed or are underway. The Town recently increased its business, residential and public community’s awareness of hazard mitigation through the initiation of social media campaigns including Facebook, Instagram and Twitter and its first Hurricane Preparedness event.

IV. Recommendations

1. Continue implementing the Progress Plan’s action items and recommendations.
2. Expand the dissemination of flood information through Town publications and other resources.