



ADMINISTRATION DEPARTMENT
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Memorandum

TO: Mayor and Councilmembers

THROUGH: Richard J. Lemack, Town Administrator 

FROM: Phillip R. Holste, Development Administrator

SUBJECT: Status of Broward County Local Mitigation Strategy: Town of Davie – 2014 Update

DATE: September 30, 2014

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 2012 Broward County Multi-Jurisdictional Local Mitigation Strategy, in April 2013 (Resolution 2013-52).

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 was submitted for final FEMA approval. In January 2010, the County received notification that its updated strategy met federal compliance and was approved until January 2015. The Town Council of the Town of Davie approved the enhanced local mitigation strategy in April 2013.

This document reviews the LMS goals listed in Section 5 – Mitigation Initiatives. The goal's outcome will be analyzed 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.

Goal 2: To increase the business, residential and public community's awareness 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 has also been proactive in getting short articles published in community newspapers relating to its flood protection efforts.

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. With the implementation of new FEMA flood maps for Broward County, we have undertaken additional public information activities to notify Town residents regarding these maps.

Goal 3: To ensure adequate training opportunities to support hazard mitigation.

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.

Goal 4: To facilitate preparedness measures to mitigate structural 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 responded 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: In June 2014, the Town signed an agreement with Florida Atlantic University (FAU) to conduct a study that will result in Stormwater Master Plan to be delivered in 2015. This plan will conduct a needs based assessment to identify future drainage capital improvement projects.

The following drainage projects are identified in past or current Capital Improvements Program and are scheduled for implementation in FY2015-FY2016:

- Eastside Drainage Improvements– replacement of existing undersized storm drainage facilities east of Davie Road and north of Orange Drive
- Swale Regarding – pilot project to re-grade drainage swales as they tend to be filled over time. If funding becomes available in the future, this project would be extended Town-wide.

- Westside Drainage – creation of a master drainage system for properties on the west side of the Davie Road corridor, north of Orange Drive.

Goal 5: To facilitate planning initiatives to 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 was submitted for final FEMA approval. In January 2010, the County received notification that its updated strategy met federal compliance and was approved until January 2015. The Town Council of the Town of Davie approved the enhanced local mitigation strategy in April 2013.

- 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. 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.

- d. Ensure the Town's Evaluation and Appraisal report (EAR) and capital improvements program evaluate the Town's drainage system and make improvements as necessary.

Status: The Town adopted the EAR on April 19, 2006 through R2006-122. The EAR evaluated the current status of the drainage system. The plan states that the Town's drainage system provides adequate protection from flooding. 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.

- e. 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 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.

f. Create a Town-wide stormwater master plan.

Status: In June 2014, the Town signed an agreement with Florida Atlantic University (FAU) to conduct a study that will result in Stormwater Master Plan to be delivered in 2015.

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. The Town also currently serves on the LMS Executive Committee, Community Rating System (CRS) and Planning subcommittees+.

Goal 7: Promote mitigation partnerships.

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.

III. Action Items Status

Of the 13 action items reviewed, all action items are performed or are underway. The most recent action item to begin was the stormwater master plan which was commissioned by the Town Council in April 2014.

IV. Recommendations

1. Continue implementing the Progress Plan's action items and recommendations.
2. Continue participating in the Broward County Mitigation Working Group, Executive Committee, Planning and Community Rating System (CRS) subcommittees.
3. Update the Town website to provide easier access to the new FEMA flood maps including address lookup functions.
4. Complete the Stormwater Master Plan, underway by Florida Atlantic University.