

RESOLUTION 17-2015

A RESOLUTION OF THE TOWN OF MALABAR, BREVARD COUNTY, FLORIDA, ADOPTING AND SUPPORTING MALABAR'S DESIGNATED PORTION OF THE SPACE COAST LOCAL MITIGATION STRATEGY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Malabar is vulnerable to the human and a economic costs of natural, technological and societal disasters; and

WHEREAS, the Town Council of Malabar recognizes the importance of reducing or eliminating those vulnerabilities for the overall good and welfare of the community; and

WHEREAS, Malabar has been an active participant in the preparation of the Space Coast Local Mitigation Strategy. Which establishes a comprehensive coordinated planning process to eliminate or decrease these vulnerabilities; and

WHEREAS, Malabar's representatives and staff identified, justified and prioritized a number of proposed projects needed to mitigate the vulnerabilities of Malabar to the impacts of future disasters; and

WHEREAS, these proposed projects and programs have been incorporated into the initial 1999 edition of the Space Coast Local Mitigation Strategy that has been prepared and issued for consideration and implementation by the communities of Brevard County.

NOW, THEREFORE BE IT RESOLVED BY THE TOWN OF MALABAR, BREVARD COUNTY, FLORIDA, THAT:

SECTION 1. The Malabar Town Council accepts and approves Malabar's designated portion of the Space Coast Local Mitigation Strategy.

SECTION 2. The Town Administrator is directed to pursue available funding opportunities for implementation of the proposals designated therein.

SECTION 3. The Town of Malabar will, upon receipt of said funding or other necessary resources, seek to implement the proposals contained in its section of the strategy; and

SECTION 4. The Town of Malabar will continue to participate in the updating and expansion of the Space Coast Local Mitigation Strategy in the years ahead, and

SECTION 5. The Town of Malabar will further seek to encourage the businesses, industries and community groups operating within and/or for the benefit of Malabar to also participate in the updating and expansion of the Space Coast Local Mitigation Strategy in the years ahead.

This Resolution was moved for adoption by Council Member Vail. The motion was seconded by Council Member Acquaviva and, upon being put to a vote, the vote was as follows:

Council Member Grant Ball	<u>Aye</u>	
Council Member Brian Vail	<u>Aye</u>	
Council Member Don Krieger	<u>Aye</u>	
Council Member Dick Korn	<u>Aye</u>	
Council Member Marisa Acquaviva	<u>Aye</u>	

This Resolution was then declared to be duly passed and adopted this ²⁴~~15~~th day of May, 2000.

5-0

TOWN OF MALABAR

By: Carl A. Beatty
Mayor Carl A. Beatty, Council Chair

ATTEST:

Debby K. Franklin
Debby Franklin, CMC
Town Clerk/Treasurer

(seal)

LOCAL HAZARD MITIGATION STRATEGY (LMS) EXECUTIVE SUMMARY

The development and implementation of a local mitigation strategy provides a mechanism to address issues that will reduce or eliminate exposure to hazard impacts. Due to the importance of avoiding or minimizing the vulnerabilities to these hazards, the public and private sector interests of Brevard County have joined together in Brevard Prepares. Brevard Prepares has undertaken a comprehensive planning process in conjunction with Brevard County Emergency Management and the East Central Florida Regional Planning Council, culminating in the publication of this 2015 update of the "Brevard County Local Hazard Mitigation Strategy."

This is a multi-jurisdictional hazard mitigation plan, and the planning effort has been conducted through the coordinated, cooperative effort of all local governments within Brevard County. These local governments include the City of Cape Canaveral, the City of Cocoa, the City of Cocoa Beach, the Town of Grant-Valkaria, the Town of Indianalantic, the City of Indian Harbour Beach, the Town of Malabar, the City of Melbourne, the Town of Melbourne Village, the Town of Melbourne Beach, the City of Palm Bay, the Town of Palm Shores, the City of Rockledge, the City of Satellite Beach, the City of Titusville, the City of West Melbourne and Brevard County.

Other key participant organizations and agencies involved with this project include The American Red Cross, Harris Corporation, Health First, the Home Builders & Contractors Association, Eastern Florida State College, Florida Power & Light, St. John's River Water Management District (SJRWMD), Florida Solar Energy Center, Circles of Care, Brevard Emergency Amateur Radio Services (BEARS), Brevard Public Schools, and Wuesthoff Health System.

For this 2015 update, a new hazard and risk analysis was completed by the East Central Florida Regional Planning Council. With the updated analysis, Brevard Prepares worked to identify, justify and prioritize specific proposals for projects and programs that will avoid or minimize these vulnerabilities in the future. These proposed projects and programs are also referred to as "Mitigation Initiatives" in this document.

This update has been submitted to the Florida Division of Emergency Management (FDEM), who also has the authority to review the document on behalf of the Federal Emergency Management Agency (FEMA), for review in comparison to the requirements from the Local Mitigation Plan Review Guide, revised by FEMA in October 2011. Once a decision has been made that the updated plan adequately addresses these requirements, the plan will be submitted to the participating jurisdictions' governing bodies for formal adoption and approval. Adoption resolutions can be found in Appendix VII.

The final draft plan will be submitted to the governing bodies of the participating jurisdictions for final approval and adoption. Consistent with the normal practices of the participating jurisdictions, which conduct meetings in accordance with Florida's open meetings statutes, the public will have an opportunity to comment upon each jurisdiction's adoption of the plan during public meetings. In accordance with Federal practice, the participating local jurisdictions have one year from the date of State approval of the plan to complete the formal adoption.

This plan will continue to be updated in the future to ensure it addresses changing conditions in the participating jurisdictions, experiences with disasters that occur and any changes in the characteristics of the hazards that threaten the involved communities. This updating process and future editions of the local mitigation strategy will also be used to inform and involve the general public, and other interested groups, in an effort to elicit their participation in making the community more resilient to the impacts of future disasters.

TOWN OF MALABAR

AGENDA ITEM REPORT

AGENDA ITEM NO: 7
Meeting Date: August 24, 2015

Prepared By: Debby Franklin, C.M.C. Town Clerk/Treasurer

SUBJECT: Approve Reso 16-2015 Adopting and Supporting the Malabar Portion of the Space Coast Local Mitigation Strategy

BACKGROUND/HISTORY:

We have participated with the County in the past on having our part of the Space Coast Local Mitigation Strategy included in the report to the State. In the past if funds became available we applied for projects that would mitigate future losses, such as hurricane shutter for town hall and the fire department. We also applied for a back up generator for town hall. The fire department already has one.

A representative from the County's Natural Resources Management Office will be in attendance to answer any questions.

FINANCIAL IMPACT:

N/A

ATTACHMENTS:

Reso 17-2015
Agenda Report from the County staff
Updated Mitigation-Related Strategies

ACTION OPTIONS:

Staff requests Action on Reso 17-2015

Meeting Date
8/18/15



AGENDA	
Section	Consent
Item No.	II. C. 6.

AGENDA REPORT

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	Resolution: Brevard County Local Hazard Mitigation Strategy (LMS)
DEPT/OFFICE:	Emergency Management

Requested Action:
 It is requested the Board approve a resolution adopting the Brevard Prepares Local Hazard Mitigation Strategy.

Summary Explanation & Background:

Every five years, the Local Mitigation Strategy (LMS) is required to be updated and submitted to the Federal Emergency Management Agency (FEMA) for review and approval. In this cycle, that review and approval process was delegated from FEMA to the Florida Division of Emergency Management (FDEM). FDEM has determined that Brevard County has developed and submitted all the necessary plan revisions, is compliant with federal standards, and is ready for formal community adoption. Each participating municipality must pass a resolution for their jurisdiction approving the LMS.

An approved and adopted LMS is a requirement for state and local governments, in order to receive Hazard Mitigation Grant Program funding following a Presidential Disaster Declaration, per the Robert T. Stafford Disaster Relief Act and the Code of Federal Regulations.

Additional benefits to having a local hazard mitigation strategy are that it:

1. Increases public awareness and understanding of vulnerabilities as well as support for specific actions to reduce losses from future natural disasters.
2. Builds partnerships with diverse stakeholders increasing opportunities to leverage data and resources in reducing workloads as well as achieving shared community objectives.
3. Expands understanding of potential risk reduction measures to include structural and regulatory tools, where available, such as ordinances and building codes.
4. Allows for development, prioritization, and implementation of mitigation projects. Projects are designed to accrue cost benefits and increase community resiliency, as losses are reduced after each hazard event.

Fiscal Impact: None

Clerk to the Board Instructions:

Exhibits Attached: LMS Resolution, LMS Executive Summary, LMS Approval Pending Adoption letter from FDEM, LMS

Contract /Agreement (If attached): Reviewed by County Attorney Yes No PR

County Manager	Assistant County Manager	Department Director / Extension
Stockton Whitten	Frank Abbate	

Thanks,
Kimberly

Development Trends

Malabar

There have been several stormwater upgrades and projects over the last five years in the town of Malabar that have decreased the potential flooding while improving water quality. Regular maintenance of culverts, ditches, and catch basins has also decreased flooding potential. The Town also promotes wildfire awareness through outreach to residents. These items have decreased the overall vulnerability of the Town.

1.15.1 Mitigation-Related Strategies & Mechanisms by Jurisdiction

Malabar

Building Department

The Building Department is responsible for reviewing site plans, subdivisions and building permits. The City has adopted and continues to adopt updates to support the various codes including the Florida Building Code. It, also, reviews development requests as they relate to consistency with the Zoning and the Comprehensive Plan. The Building Official also enforces the Floodplain Management regulations.

Volunteer Fire Department

Malabar Fire Rescue provides emergency services to the resident of Malabar Florida. This Department is on standby during emergency situations and assists with hurricane evacuation and post-disaster operations.

Public Works Department

The Public Works Department provides a variety of service to the residents of Malabar including: vehicle and equipment maintenance, building maintenance, road and sign maintenance, and parks and grounds maintenance. The Department repairs and performs preventative maintenance and modifications to all Town structures, cleans and repairs all storm drain inlets, cleans storm drain swales, maintains Town streets, replaces damaged signs, and installs new signs as required.

1.15.2 Mitigation-Related Policies & Programs by Jurisdiction

Malabar

Capital Improvement Plan

IE.4-4.1.1 Require retention of open space for all development to preserve aquifer*** All areas

Code of Ordinances

9.3.2 Minimize expenditure of public money for costly flood control projects.***Refers to alterations of isolated 100-year floodplain All areas

9.3.6 ...providing for the sound use and development of flood-prone areas...*** All areas

9.3.7 Ensure ... home buyers are notified that property is in a flood area.*** All areas

9.5 Basis for establishing areas of special flood hazard.*** All areas

9.5 Variances shall not be issued within any designated floodway ...*** All areas

9.5.11 The costs of providing gov. services during and after flood conditions...*** All areas

9.5.3 The susceptibility of the proposed facility ... to flood damage ...*** All areas

9.5.9 The safety of access to the property in times of flood ...*** Refers to alteration of isolated 100-year floodplains All areas

9.91	General standards for all areas of special flood hazard.***	All areas
9.91	(1) Residential construction ... no lower than the base flood elevation...***	All areas
9.91.(3)b	Electrical, plumbing ... prohibited below the base flood elevation.***	All areas
9.91.(4)a	(4) Floodways ... Prohibit encroachments ...***refers to alteration of isolated100-year floodplains	All areas
9.91.3	New construction ... shall be constructed ... resistant to flood damage.***Refers to alteration of isolated 100-year floodplains	All areas
9.91.4	New construction ... shall be constructed [to] ... minimize flood damage.***	All areas
9.93	... areas of special flood hazard...designated as shallow flooding areas.***Refers to alteration of isolated 100-year floodplains	All areas
9.93.1.a	All subdivision proposals shall ... minimize flood damage.***	All areas
9.93.1.b	All subdivision [utilities] ... constructed to minimize flood damage.***Excepting parks and recreation	All areas
9.93.1.c	... adequate drainage to reduce exposure to flood hazards.***	All areas
9.93.1.d	Base flood elevation data shall be provided for subdivision proposals ...***	All areas
III.1.3.3.1	Individual septic tanks ... must receive development orders ...***	All areas
III.1.3.3.3	Regulating Use of Septic Tanks and Wastewater Disposal Fields***	All areas
IV.1.4.1.1	stormwater/flood protection permits required for all development***	All areas
IV.1.4.1.4	Conserve and protect the natural environment ...***	All areas
IV.1.4.1.G	Flood Prone Land and Wetland Preservation...***	All areas
VIII.1.8.11	Surface water management permit application and review procedures.***Help maintain a stable tax base by providing for the sound use and development of flood-prone areas in such a manner as to minimize flood blight areas.	All areas
VIII.1.8.2	...responsible stormwater management and flood protection practices...***	All areas
VIII.1.8.5	Surface water management permit application and review procedures.***Ensure that potential home buyers are notified that property is in a flood area.	All areas
VIII.1.8.8	Additional stormwater management policy for flood hazard zones...***	All areas
VIII.1.8.8.1	Additional stormwater management policy for flood hazard zones...***	All areas
VIII.1.8.8.2	The velocity of the regulatory flood must not be adversely altered...***	All areas
VIII.1.8.8.5	The flood protection elevation shall be set for each project...***	All areas
VIII.1.8.8.6	... lowest floor elevated to the flood protection elevation ...***	All areas
VIII.1.8.8.7	... lowest floor elevated to the flood protection elevation ...***	All Permit Applications
VIII.1.8.8.9	Sewage, potable water supply systems ... flood protection elevation.***	All areas
XVII.1.17.1	Requirements for Central Water Systems***The areas of special flood hazard identified by the Federal Emergency Management Agency in its report entitled "Flood Insurance Study for the Town of Malabar," dated March, 1979, with accompanying flood boundary-floodway map, and the flood insurance study including wave heights...	All areas

Comprehensive Plan

CE.6-1.2.2	Agricultural activities shall not be conducted adjacent to waterways***	All areas
CE.6-1.2.3	New development in service area must connect to wastewater system***	All areas
CE.6-1.2.4	Require new development to preserve shoreline vegetation***	All areas
CE.6-1.2.7	Where non-potable water is available for irrigation must be used***	All areas
CE.6-1.4.1	No wetland development except passive recreation, open space, etc.***	All areas
Chapter 4 p. 4.6 Drainage Analysis	Install baffle boxes along lagoon	Required Retrofit Only
Chapter 4 p. 4.6 Drainage Analysis	Retrofit ditches	Required Retrofit Only
CME..5-1.1.1	Implement policies to protect the Indian River Lagoon***	All areas
CME.1.1.3	Incorporate criteria in land regs that no native vegetation be removed***	All areas
CME.5-1.1.1	Adopt wetlands protection ordinance to prohibit development***	All areas

CME.5-1.1.5	Coastal development shall not alter tidal flushing/circulation patterns***	All areas
CME.5-1.3.1	Town-funded public facilities shall not be built in CHHA***	All areas
CME.5-1.4.1	Incorporate policies to direct population concentrations away from CHHA***	All areas
CME.5-1.7.5	Structures receiving damage of more than 50% must meet current laws***	Redevelopment
FLUE.1-1.3.3	New industry shall not endanger groundwater quality or potable water supply***	All areas
FLUE.1-3.1	Management of land will be coordinated with natural systems, infrastructure***	All areas
FLUE.1-3.1.3	Development regs revised to regulate flooded areas, drainage, recharge***	All areas
FLUE.1-3.5.2	Land development code will protect Indian River Lagoon, drainage, recharge***	All areas
FLUE.1-3.5.5	Developer/owner responsible for managing on-site runoff***	All areas
FLUE.1-3.5.6	Potable water supply conserved by enforcing standards of development	All areas
HE.3-1.3.1	Prohibit structures including mobile homes not hurricane resistant***	All areas
IE.4-1.3.1	Septic tank and package treatment plants stay in service until centralized***	All areas
IE.4-2.1	Reconcile existing service deficiencies with coordinative projects***	All areas
IE.4-3.1.3	Town shall implement adopted master stormwater drainage plan***	All areas
IE.4-4.1.3	Amend stormwater regs to require runoff retention to recharge groundwater***	All areas
Land Development Code		
94-4Sec.IX.P	Proposed use shall not generate hazardous waste without approved	All areas
Or.94-3.Sec.	Residential sites in aquifer recharge area without central water, 2/u/acre***	All areas
Ord.94-3.Sec	Impervious surface ratio of 50% for single family residence and 50% open***	All areas

Regards,

*Debbie Coles
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