



City of Indian Rocks Beach, Florida

NFIP Number 125117

Floodplain Management Plan / Local Mitigation Strategy Annual Report August 2011

Introduction

The City of Indian Rocks Beach has been an active participant in the development and implementation of the *Pinellas County Local Mitigation Strategy 2009* (LMS). Many communities in Pinellas County have elected to adopt the LMS as their Floodplain Management Plan.

In order to address any jurisdiction-specific issues or Community Rating System (CRS) requirements outside of the scope of the countywide LMS, the Floodplain Management Action Plan is adopted by those jurisdictions. Pursuant to the Community Rating System's Activity 510, Floodplain Management Planning procedures, the City of Indian Rocks Beach adopted the 2009 update of the Pinellas County LMS in April 2010 as its Floodplain Management Plan.

Copies of this 2011 annual evaluation report will be provided to the Indian Rocks Beach Commission, the local media, the National Flood Insurance Coordinating Office, the public and will be posted to the City of Indian Rocks Beach website.

A Review of the Original Plan

A review of the floodplain management sections of the Pinellas County LMS confirms that the plan is effective. There are no significant revisions that are warranted at this time. The LMS was well developed; it is comprehensive and current. A summary of the progress being made on the mitigation initiatives and a discussion of any hindrances to the progress are included in this report; however, these are not deemed sufficient to revise the LMS.

In an effort to ensure that there is a continuing and responsive planning process, the City of Indian Rocks Beach completes an evaluation of the Floodplain Management Plan annually using the following procedure:

- *Review the original plan*
- *A review of the action items in the original plan, including how much was accomplished during the previous year*
- *A discussion of why any action items were not completed or why implementation is behind schedule*
- *Recommendations for new projects or revised action items. Such recommendations shall be subject to approval by the City Commission as amendments to the adopted plan*

Due to a state requirement, the LMS Workgroup will meet to update and review the effectiveness of the Local Mitigation Strategy and will submit annual LMS updates to the Florida Division of Emergency Management no later than the last working weekday of each January. Given the timeframe of the federal and state approval for the 5-year update of the 2009 *Pinellas County Local Mitigation Strategy*, the only update for the annual notification was the roster of the LMS participants and the election of the 2011 chair and vice-chair for the LMS group.

Priority Procedures

Based upon the hazard analysis and vulnerability assessment, the review of both the Goals and Policies and Local Programs and Policies, the LMS Prioritization Procedures outlined below were developed to better prioritize future projects to be submitted for mitigation funding. .

Annually, new projects are brought forward and evaluated by the LMS Working Group for inclusion in the Local Mitigation Strategy. The total score is then used as the basis for the preliminary ranking of projects and programs on the list. There are three components of the total score a project receives, with 16 variables having an available total of 1500 points per project.

There are three components of the scoring system, weighed as follows:

- A. 30% Suitability of the project – 450 points
- B. 45% Risk Reduction produced by the project – 675 points
- C. 25% Cost of the project – 375 points

In the event of a tie score, the project with the lower cost is listed first. This helps to assure that, with limited funds available, more projects get accomplished. The highest scoring project in the 2009 *Pinellas County LMS*, which was to flood proof and harden lift stations in the City of Oldsmar, received a score of 1160.

If mitigation funds were made available to the Pinellas County area, the Workgroup would refer to the Initiatives List and identify those that could be accomplished with the given funds. Next, the governments of those identified initiatives would be asked if they were interested and prepared to apply. Each entity must consider that it is likely that the applicant may need to provide some matching funds. The Initiative List will be updated each year as part of the annual review process. Initiatives that have been completed are moved to the Accomplishments List. The Initiative List and any prioritization procedures may also be updated following a major disaster event, a change in funding sources, or as determined appropriate by the workgroup.

Evaluation of Multi-Hazard Mitigation Projects

The most effective method of determining the success of the implementation of the Multi-Hazard Floodplain Management Plan would be to list each task found in Appendix 9 of the Pinellas County LMS and present the manner in which each was addressed during the previous year.

The Indian Rocks Beach Action Plan is shown below and an update on the progress made for each item is depicted in red:

1. Project/Program Name: Small Generators

Description: Purchase of three (3) generators for emergency power.

Jurisdiction/Department: City of Indian Rocks Beach Public Services

Natural Hazard Addressed: All Hazards

LMS Score: 990

Estimated Completion Time: Less than 12 months

Estimated Cost: \$87,000

Possible Funding Sources: Penny for Pinellas

Status: Currently unfunded by Pinellas County

2. Project/Program Name: Small Basin Reconstruction

Description: Damage due to failing concrete, corrugated metal pipe, inlets and outfalls that are not part of a major drainage basin system and that

could result in pipe failure and property damage. Rebuild small basin area infrastructure to provide proper drainage and improve pedestrian and transportation safety.

Jurisdiction/Department: City of Indian Rocks Beach Public Services

Natural Hazard Address: Flooding

LMS Score: 970

Estimated Completion Time: 2015

Estimated Cost: \$400,000 (FY2013 \$200,000 FY2015 \$200,000)

Possible Funding Source: Penny for Pinellas

Status: Active project – 406/408 Harbor Drive North & 464/466 Harbor Drive South. All city facilities should be updated by 2015, the end of a 10-year effort, and thereby will be in compliance with NPDES regulations.

3. Project/Program Name: Beach Management Plan Implementation

Description: Establish a dune and erosion control system using native vegetation.

Jurisdiction/Department: City of Indian Rocks Beach Planning & Zoning

Natural Hazard Addressed: Erosion

LMS Score: 940

Estimated Completion Time: More than 12 months

Estimated Cost: \$150,000

Possible Funding Sources: Capitalization Grants for lean Water State Revolving Funds, CDBG, FMAP, HMGP, Nonpoint Source Implementation Grants, HMGP Planning

Status: Currently unfunded by Pinellas County

4. Project/Program Name: Flood Mitigation Buyout

Description: Provide a grant of up to \$15,000 per structure for the removal of noncompliant pre-FIRM structures.

Jurisdiction/Department: City of Indian Rocks Beach Building Department

Natural Hazard Addressed: Flooding

LMS Score: 880

Estimated Cost: \$150,000

Possible Funding Sources: FMAP, HMGP, PDM Program, Penny for Pinellas

Status: Currently unfunded by grants and Pinellas County

5. Project/Program Name: Beach Management Plan

Description: Write a plan for a dune system, vegetation program, breakwaters, jetties, groins, etc to prevent erosion.

Jurisdiction/Department: City of Indian Rocks Beach Planning & Zoning Department

Natural Hazard Addressed: Erosion

LMS Score: 830

Estimated completion time: Less than 12 months

Estimated Cost: \$20,000

Possible Funding Sources: Capitalization Grants for Clean Water State Revolving Funds, CDBG, FMAP, HMGP, Nonpoint Source Implementation Grants, HMGP Planning, Penny for Pinellas

Status: Currently unfunded by grants and Pinellas County

Mitigation Accomplishments

As projects are funded and accomplished in Indian Rocks Beach - either through federal, state or local resources – they move from the mitigation initiatives (Appendix 9) to the List of Accomplishments (Appendix 10) in the Pinellas County LMS. The List of Accomplishments does not include all of the projects completed

over the last 5-10 years. In fact many of the successes funded locally, especially stormwater projects accomplished through local Capital Improvement Projects (CIPs) and transportation projects identified in the Transportation Improvement Program (TIPs), probably have not been captured. However, communities have recognized the benefit of celebrating these successes in the LMS.

- ❑ Demolished ten pre-FIRM non-conforming structures and replaced them with conforming structures at a cost of \$2,432,000 has been completed through private funding.
- ❑ 27th Avenue and 1st Street drainage project to mitigate local flooding and provide treatment of local stormwater runoff at a cost of \$260,000 has been completed through local and state funding
- ❑ Design 11th Avenue through 13th Avenue drainage project to mitigate local flooding at a cost of \$290,000 through local funding
- ❑ Reclamation of 1.2 acres of wetlands to act as a flood buffer has been completed at a cost of \$100,000 through local funding

To obtain a copy of the *Pinellas County Local Mitigation Strategy*, visit the website location specified below or contact:

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<http://pinellaslms.org/strategy.htm>

To obtain a copy of the *Indian Rocks Beach Floodplain Management Plan/Local Mitigation Strategy Annual Evaluation August 2011* report, please visit the website location specified below or contact:

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