



**CITY OF PLANTATION
ENGINEERING DEPARTMENT
INTEROFFICE MEMORANDUM NO. 2013-037**

DATE: September 25, 2013

TO: Mayor and Members of City Council

FROM: Brett W. Butler, PE, CFM
City Engineer

SUBJECT: CRS Program Activity 510 – Floodplain Management Plan (FMP)
Annual Progress Report for the Period 10/1/12-9/30/13

I. Background

On April 7, 2010 the City of Plantation City Council approved and adopted by City Resolution No. 10859 the 2009 revision to the Broward County multi-jurisdictional Local Mitigation Strategy (LMS). In so doing, the City of Plantation receives the following direct benefits:

1. CRS credit under Activity 510 Floodplain Management Plan (FMP).
2. Eligible for the following mitigation grant programs administered through the Federal Emergency Management Agency (FEMA):
 - a. Hazard Mitigation Grant Program (HMGP)
 - b. Pre-Disaster Mitigation (PDM)
 - c. Severe Repetitive Loss (SRL)
 - d. Flood Mitigation Assistance (FMA)

In order to retain CRS credit for Activity 510 FMP, the City must prepare an annual progress report on the various activities Plantation is performing as referenced in the 2009 Broward County LMS. This memorandum shall serve as the City of Plantation's annual progress report for the period October 1, 2012 through September 30, 2013.

II. Annual Report Preparation, Distribution and Availability

This annual report is prepared by Brett W. Butler, the City of Plantation Engineering Department City Engineer/CRS Coordinator/Floodplain Manager. The annual report has been distributed to the local media via the Plantation Forum newspaper and the State of Florida National Flood Insurance Program (NFIP) Coordinator's Office through electronic mail and is currently available to the public for viewing through the City of Plantation web site. The reader may obtain a copy of the annual report by electronic file download off the City of Plantation web site or by visiting the City Clerk's Office.

III. FMP Action Items

The 2009 revision to the Broward County LMS, pages 184-185, recognize the City of Plantation as a CRS Class 7 community and adopts the following Plantation CRS Program activities:

- Maintain Elevation Certificates on all new and substantially improved buildings in Special Flood Hazard Areas (SFHA).
- Maintain database for permits issued for new or substantially improved buildings in the SFHA.
- Provide Flood Insurance Rate Map (FIRM) information and information on the flood insurance purchase requirements to inquirers.
- Complete annual outreach project to the community.
- Continue to keep our FIRM updated and maintain old copies of our FIRM.
- Maintain flood protection materials on the city website and the public library.
- Continue to preserve or increase open space in the floodplain
- Continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances.
- Continue to use and update our flood data maintenance system.
- Continue to enforce the stormwater management provisions of our zoning, subdivision and building code ordinances for new developments in the watershed.
- Continue to enforce the requirement that all new buildings must be elevated above the street or base flood elevation.
- Continue to inspect and maintain all city drainage facilities.
- Provide property protection and flood management data to our repetitive loss properties as well as our defined repetitive loss areas.
- Continue to implement our drainage system maintenance program.
- Continue to enforce our stream dumping regulations.

IV. Individual Action Item Review

1. Elevation Certificate Maintenance

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Objectives are reached and the activity is on schedule.

2. Permit database Maintenance

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

3. Flood Insurance Rate Map (FIRM) information

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

4. Community Outreach Project

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

5. Flood Insurance Rate Map (FIRM) Maintenance

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

6. Flood Protection Information Maintenance

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

7. Open Space Preservation

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

8. Enforcement of Floodplain Management Regulations and Florida Building Code

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

9. Flood Data Maintenance System

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

10. Enforcement of Storm Water Management Regulations

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

11. Enforcement of Building Elevation Regulation

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

12. Plantation Drainage Facilities Inspection and Maintenance

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

13. Property Protection and Flood Management Data to Repetitive Loss Properties

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

14. Drainage System Maintenance Program

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

15. Enforcement of Stream Dumping Regulations

Progress: This is an on-going activity that has been reviewed and approved by FEMA during a CRS 5-year cycle visit performed in 2010. Plantation continues to perform this activity in accordance with CRS requirements. Objectives are reached and the activity is on schedule.

V. New Projects/Action Items or Revised Recommendations

In 2011 the City of Plantation received a 5-year cycle visit on its CRS Program. During the cycle visit, CRS credit was approved for the following new activities:

1. Activity 310 – ECWS, for posting elevation certificate database on the City's web site.
2. Activity 330 – OPC, for mailing a community brochure to all properties in the community on an annual basis.
3. Activity 350 – WEB, for providing floodplain information on the City's web site.
4. Activity 430 – CSI, for enforcing local regulations for cumulative substantial improvements
5. Activity 430 – FDN, for enforcing local regulations for foundation protection
6. Activity 430 – PCF, for enforcing local regulations to protect critical facilities
7. Activity 430 – STF, for staff certification as a flood plain manager and providing staff with education for same.
8. Activity 510 – FMP, for adoption of the Broward County Local Mitigation Strategy (LMS).
9. Activity 510 – RLAA, for conducting a repetitive loss area analysis.
10. Activity 540 – CDR, for maintaining an on-going capital improvements program

CRS credit for these activities resulted in a class change for Plantation from a Class 7 to a Class 6 effective May 1, 2012. Policy holders in SFHA areas of Plantation are now entitled to a 20% discount on their flood insurance policy, up from the previous 15% discount at the former Class 7. Plantation's class change and new CRS activities have been forwarded on to Broward County for inclusion in the next revision to the Broward County LMS.