



August 29, 2014

Floodplain Management Plan Progress Report

The City of Melbourne uses our portion of the Brevard Prepares “Local Mitigation Strategy” (LMS) plan for our “Comprehensive Floodplain Management Plan”. The Local Mitigation Strategy combined with our Public Works Standard Operations Procedures for Stormwater and Floodplain Management and our Community Rating System outreach activities are used to provide the optimum flood protection for the citizens of Melbourne.

1.) Background

The Bylaws of Brevard Prepares – Mitigation 20/20 for Local Mitigation Strategy Development Brevard County Florida contains several Articles pertinent to Melbourne. The City of Melbourne Floodplain Management Plan Progress Report was prepared by City staff and is not a product of the *Brevard Prepares* Membership or Steering Committee.

Purpose:

The LMS plan reviews a variety of measures that can decrease the vulnerability of the citizens to the future economic and environmental costs of natural disasters. It develops, monitors, and maintains a local strategy for hazard mitigation and post disaster redevelopment, which is intended to accomplish this purpose.

Membership:

The membership and participation of local governments in *Brevard Prepares* is controlled by contractual agreement between the Florida Department of Community Affairs, Brevard County and the participating municipalities.

2.) Public Works “Standard Operations Procedure”

In addition to the LMS, Public Works provides technical advice and services utilizing the personnel, equipment, and resources of the department. Public Works provides these services to the areas of Melbourne impacted by an event primarily within City limits. Public Works anticipates that roadways and components of the infrastructure within the City that are owned or operated by State or Federal agencies will be the responsibilities of those agencies with support provided by Public Works when indicated and necessary.

Public Works is responsible for emergency removal of debris from roadways and other access routes to allow for passage of response and recovery personnel, supplies, and equipment. Public

Works coordinates or otherwise provides for temporary clearing, repair or construction of emergency access routes which include damaged streets, roads, bridges, waterways, drainage systems, airfields and any other facilities deemed necessary. Public Works coordinates or provides for emergency demolition or stabilization of damaged structures and facilities designated as immediate hazards to public health and safety or to facilitate life-saving emergency operations. In addition, Public Works provides training, and assistance to other City departments. During the emergency response phase, Public Works coordinates with County ESF #12 and FPL to address power outages.

Upon activation of the EOC, public works operations will be directed from the City Emergency Operations Center (EOC) and, if needed, from other designated facilities established by the primary or support agencies. Primary coordination and direction of all Public Works operations will be from the City EOC.

It is the responsibility of the Public Works personnel to follow these procedures, recommend improvements or changes, and to be vigilant to the welfare of the citizens of the City of Melbourne.

3.) CRS Program Participation:

The LMS references the importance and benefit of the City of Melbourne’s participation in the Community Rating System (CRS). As a participant, the City has established flood protection measures and educational opportunities beyond the minimum requirements of the National Flood Insurance Program (NFIP). These efforts have allowed City of Melbourne to achieve a “Class 7” certification resulting in a 15% discount on flood insurance premiums for properties located in the Special Flood Hazard Area within the city limits.

Florida State Emergency Management Division completed their Community Assistance Visit (CAV) in October 2013 regarding the City’s participation in the National Flood Insurance Program (NFIP) and CRS program. The City receives CRS credit points from a variety of activities that promote flood protection and education. These activities are conducted by various departments within the city. The following is a summary of these ongoing activities and the departments or divisions that perform the activity that results in credit points for the CRS program:

Activity	Department(s)/Division(s)	CRS Activity #
Maintain elevation certificates, make copies of certificates available to the public	Building Inspection Division	310
Provide Flood Insurance Rate Map (FIRM) information, maintain updated FIRM panels	Building Inspection Division	320
Provide outreach to community / Flood protection information	Building Inspection Division / Streets and Stormwater	330
Provide credited hazard disclosure measures; information on recorded plats	Building Inspection Division	340

Preserve floodplain in open space through zoning / Comprehensive Plan Land Use / public acquisition	Building Inspection Division	420
Review new development for compliance with flood protection regulations	Planning and Economic Community Development	430
Track substantial improvements / permitting to meet current requirements	Building Inspection Division / Planning and Economic Community Development	430
Maintain and update flood data	Geographic Information Services	440
Enforcement of regulations for stormwater management	Building Inspection Div/Public Works Dept.	450
Floodplain management planning	Building Inspection Division	510
Enforce stream dumping regulation	Streets and Stormwater	540
Maintain drainage systems through a regular Program and CIP plan	Streets and Stormwater	540

4.) CRS Outreach and the Florida Floodplain Managers Association

On March 17, 2014, the new “Flood Insurance Rate Maps” (FIRMs) went into effect. The City has been working with the newly affected property owners and representatives to help them understand and reach the new requirements of the map changes.

We continue our outreach notices to Homeowners, with a special mailer sent to our Repetitive Loss areas. We also continue our outreach notices by updating the City’s website as needed.

The Association of State Floodplain Managers (ASFPM) has established a national program for professional certification of floodplain managers. The program recognizes continuing education and professional development that enhances the knowledge and performance of local, state, federal, and private-sector floodplain managers. One city staff member has achieved Flood Plain Manager certification and will serve as the “Community Rating System” (CRS) coordinator. This reflects the City of Melbourne’s continued commitment to professional service in implementing the floodplain management plan.

RECOMMENDATIONS

- 1.) Melbourne will continue the job of implementing the LMS recommendations and ongoing objectives.
- 2.) The City will continue to update citizens on the status of the newly revised Flood Insurance Rate Map. Many home owners may opt to carry Preferred Risk policies or no Flood Insurance when they are remapped to zone X from the Special Flood Hazard Area.
- 3.) The City will continue to study the Florida Model Floodplain Ordinance and work with the State Floodplain Management Office to ensure we are in compliance with the Florida Building

Code, FEMA and the NFIP.

4.) The City will continue to work with Brevard County and other municipalities for water quality issues impacting the Indian River Lagoon.

5.) The City will continue to participate in the FFMA, CFM program and all of our CRS Outreach Activities.

6.) The City will continue to update the Flood Protection Info on the City website including this progress report.

SUMMARY

City of Melbourne has achieved a “Class 7” certification under the CRS, primarily due to its significant outreach activities and projects undertaken by various City Departments. This “Class 7” rating results in substantial discounts to flood insurance premiums.

The City has established a public website to provide information regarding flood prevention, flood protection and flood insurance. The general public can visit <http://www.melbourneflorida.org.code/> to obtain such information and a copy of this report.