



CITY OF ORMOND BEACH

Planning • 22 S. Beach Street • Ormond Beach • Florida • 32174 • (386) 676-3311 • Fax (386) 676-3361

To: Mayor Partington and City Commissioners

Thru: Steve Spraker, Planning Director

From: Becky Weedo, Senior Planner, CRS Coordinator

Subject: Floodplain Management 2020 Annual Progress Report

Background

The FEMA National Flood Insurance Program (NFIP) provides federally supported flood insurance in communities that regulate development in floodplains. The City of Ormond Beach voluntarily participates in the NFIP Community Rating System (CRS) program which qualifies property owners in floodplains for reduced rates on flood insurance. Under the CRS, flood insurance premiums are discounted to reward community actions that: 1) Reduce flood damage to insurable property through planning and outreach; 2) strengthen and support the insurance aspects of the NFIP; and 3) encourage a comprehensive approach to floodplain management. FEMA recognizes Ormond Beach as a Class 6 CRS community which means that new and renewed flood policies in the Special Flood Hazard Area qualify for a 20% discount. New and renewed flood policies outside the Special Flood Hazard Area qualify for a 10% discount.

On October 2, 2018, the City adopted the 2018 Volusia County Integrated Floodplain Management Plan. The plan is designed to encompass a snapshot of floodplain hazards throughout the county and also provide individual jurisdictional plans. The Volusia County Integrated Floodplain Management Plan follows the format and outline of the CRS requirements and is integrated with the Volusia County Multi-Jurisdictional Local Mitigation Strategy (LMS) recently updated in 2020. To continue participation in the NFIP and fulfill the CRS criteria, an annual progress report on the status of the project implementation is required. There are six countywide goals adopted in the Integrated Floodplain Management Plan and nine separate objectives established by the City to minimize the effects of flood events in the City of Ormond Beach, with the status of each goal and objective's implementation provided.

Availability

Copies of the 2018 Volusia updated Integrated Floodplain Management Plan, the 2020 Volusia County Multi-Jurisdictional Hazard Mitigation Plan and this report can be obtained from the City of Ormond Beach Planning Department or on the City of Ormond Beach Floodplain Management website <http://www.ormondbeach.org/index.aspx?nid=243>. In addition, this report was provided to the City of Ormond Beach Commission on May 5, 2020 and as a public document is posted to the City of Ormond Beach website and copied to local media and the State of Florida NFIP Coordinating Official.

Status of Plan Implementation

The 2020 Volusia County Multi-Jurisdictional LMS was updated and found in compliance with the federal hazard mitigation planning standards. The City Commission formally adopted the five-year update of the Volusia County LMS which included the Floodplain Management Plan (FMP) pertaining to the City and the County's Flood Response Plan. There are six countywide

goals adopted in the Integrated Floodplain Management Plan and nine separate objectives established by the City to minimize the effects of flood events in the City of Ormond Beach, with the status of each goal and objective's implementation provided:

Status of Integrated Floodplain Management Goals and Objectives
<p>Countywide Goal 1: Prevent new development in the floodplain from increasing runoff and resulting in increases in flood volumes in the floodplain;</p> <p>City Objective 1: Protect human life and health;</p> <p>City Objective 2: Minimize or eliminate property damage; and</p> <p>City Objective 3: Minimize the need for future expenditure of public money for costly flood control response to and recovery from flood events.</p> <p>Status: Achieved through Ormond Beach Floodplain Management Ordinance, City Code of Ordinances, building permitting process, drainage system maintenance and stormwater management plans. (On-going)</p>
<p>Countywide Goal 2: Develop and maintain a proactive public awareness and outreach that informs and notifies property owners that they are located in a flood zone and provides assistance and information regarding flood zones, protection of property, local drainage and sewer back-up problems;</p> <p>City Objective 7: Ensure that potential buyers are notified that property is in an area of special flood hazard; and</p> <p>City Objective 8: Require the use of appropriate construction practices in order to prevent or minimize future flood damage.</p> <p>Status: Accomplished through the City's mapping information provided on the website http://www.ormondbeach.org/index.aspx?nid=243, flood protection reference materials available in the Planning Department or City Island Library and distribution of flood information (On-going). Also, the City developed a Program for Public Information (PPI) with nine other Volusia County CRS communities. The PPI plan is a countywide public outreach program to promote awareness of flood issues. On March 23, 2020, the Multi-Jurisdictional PPI Committee held its annual evaluation meeting by teleconference regarding the Plan and any need for revisions. A data analysis was conducted and a few recommendations were made to modify the outreach objectives and measurements (see attached Program for Public Information Annual Report). (On-going)</p>
<p>Countywide Goal 3: Continue with the Hazard Mitigation Grant Program to identify and obtain funding for both pre-and-post disaster residential mitigation projects regarding flooding;</p> <p>Countywide Goal 4: Reduce the number of repetitive loss properties within Volusia County; and</p> <p>Countywide Goal 5: Review the locations and effects on areas that experience flooding and determine what steps, if any, the County and municipalities can take to alleviate future impacts.</p> <p>Status: Achieved through the following initiatives:</p> <p>New Mitigation Projects approved in LMS but not yet funded:</p> <p><u>VOL-0468</u> Convert property into a stormwater storage site to aid with the prevention of flooding.</p> <p><u>VOL-0472</u> Wilmette Avenue Stormwater Pump Station - install permanent pump station Laurel Creek.</p> <p><u>VOL-0473</u> Ormond Beach Lift Station backup - purchase 4 pumps.</p> <p><u>VOL-0509</u> Ormond Beach Emergency Operations Center - build Community Center that will be used as EOC in disaster.</p> <p><u>VOL-0512</u> Fleming Avenue Stormwater improvements</p> <p><u>VOL-0521</u> Woodbridge Drive Drainage Improvements</p> <p><u>VOL-0540</u> Elevate and retrofit flood damaged home</p> <p><u>VOL-0546</u> Strickland Creek flood protection</p> <p><u>VOL-0547</u> Drainage improvements</p> <p><u>VOL-0548</u> Hardening Critical Facilities in Ormond Beach: City Hall, Police Dept, Fleet Ops, Public Works, and Art Center.</p> <p>Past Mitigation Projects and Status:</p>

Status of Integrated Floodplain Management Goals and Objectives

VOL-0151 - Hurricane shutters and generator power for the Performing Arts Center. **Completed 2005**
VOL-0194 – Purchase 30 emergency radios for use during emergencies. **Completed 2005**
VOL-0299 – Weather Station and generator for Fire Department Station 92. **Completed 2006**
VOL-0325R – Hand Ave./Laurel Creek & Central Park Pond Interconnects - interconnection of the lakes of Central Park to provide large scale drainage relief to the basin area that is subject to flooding during large storm events. **Completed January 2014.**
VOL-0326 - Peninsula Pump Station Improvements. **Completed 2006**
VOL-0328 – Hand Avenue roadway & drainage improvements - Elevated Hand Avenue and reconstructed roadway and installed new drainage system from Laurel Creek to east of Thompson Creek to reduce the flooding frequency of Hand Avenue. **Completed January 2014**
VOL-0330 - City Hall Shutters. **Completed 2007**
VOL-0352 –Hurricane shutters, Fire Station #94. **Completed 2005**
VOL-0353 – Hand Avenue/Lake Park Circle Flood Control Improvements – Purchased additional property to construct a control structure and pipe interconnecting existing stormwater ponds that will discharge into Laurel Creek. The discharge to Laurel Creek occurs through a control-structure connection, which was authorized and funded under LMS Initiative VOL-0325R, Hand Ave/Laurel Creek Pump Station Generator and Central Park Pond Interconnects. **Completed January 2014**
VOL-0375 – Public Notification Sign n front of the Performing Arts Center. **Completed 2010**
VOL-0387 - Thompson Creek Stormwater Improvement - Construct a seawall from existing seawall north of Cumberland Avenue and continue south to Putnam Avenue. **Not funded**
VOL-0400 – Elevate the residence in Thompson Creek flood area. **Completed 2011**
VOL-0435 – Acquire at risk structures in the Central Park area along Laurel Creek, Thompson Creek and FP&L Ditch, including 2 repetitive loss structures. - **TBD**
VOL-0442 – Central Park drainage improvements. Provided flood mitigation benefits by acquisition of land and construction of control structure for discharge to Pond 4, as well as excavating a channel to connect Ponds 3 & 4 – **Completed January 2014.**

City Objective 4: Minimize unnecessary disruption of commerce, access and public service during times of flooding.

Status: The City adopted the 2020 Volusia County Multi-Jurisdictional LMS which now includes the Volusia County Flood Warning Program. This program is designed to assist residential and business owners to know when a potential flood threat is imminent and be able to take the necessary precautions to protect their property. Also, City staff participates in countywide multi-agency emergency preparedness and post disaster recovery training to minimize unnecessary disruption. **(On-going)**

City Objective 5: Minimize damage to public and private facilities and utilities located in areas of special flood hazard.

Status: The Public Works Department continues to perform proactive and reactive drainage maintenance cleaning, street sweepings and drainage system rehabilitation such as storm pipe linings within the City throughout the year. Additional drainage maintenance activities have and will be performed prior to any natural disaster (hurricane/tropical storm). Public Works keeps a detailed log identifying areas within the City that are inspected and cleaned. This ensures that every City owned or maintained drain, ditch, and canal functions as efficient as possible. **(On-going)**

City Objective 6: Help maintain a stable tax base by providing for the sound use and development of flood hazard areas;

City Objective 9: Manage the alteration of flood hazard areas, watercourses, and shorelines to minimize the impact of development on the natural and beneficial functions of the floodplain.

Status: Achieved through Ormond Beach Floodplain Management Ordinance, City Code of Ordinances, building permitting process, drainage system maintenance and stormwater management plans. **(On-going).**