



CRS Activity 510 Floodplain Management Progress Report 2020 Annual Report

City of Lighthouse Point, Community ID 125125

Background:

The City of Lighthouse Point has participated in the Federal Emergency Management Agency's Community Rating System (CRS) since 1993. CRS is a voluntary incentive program that recognizes and encourages community floodplain management by awarding points for specific activities. Lighthouse Point's participation in the CRS program requires annual review and recertification by the Insurance Services Office (ISO) and FEMA, adoption of a Hazard Mitigation Plan, and to prepare an annual monitoring/progress report to the Mayor and City Commission. This report was prepared in accordance with the annual recertification requirements.

City Resolution 2018-2172, dated January 9th, 2018, adopted the 2017 Broward County Multijurisdictional Local Mitigation Strategy (ELMS) to comply with the CRS requirements stated above. The County ELMS complies with the requirements of Section 322 of the Disaster Mitigation Act of 2000 as implemented in 44CFR, Part 201.

The City of Lighthouse Point is currently designated a Class 9 community. This classification equates to a 5% discount on flood insurance policies for properties located within the Special Flood Hazard Area (SFHA). The City continues to participate in the Broward County ELMS working group and the CRS program supporting the three goals of the CRS:

1. Reduce flood losses and damage to insurable properties;
2. Support the insurance aspects of the National Flood Insurance Program;
3. Encourage a comprehensive approach to local floodplain management and risk mitigation.

Floodplain Management:

The City addresses floodplain management in Chapter 38 of the Code of Ordinances. The intent of this chapter focuses on development in coordination with the South Florida Building Code to govern building in the Special Flood Hazard Areas. It also defines the duties of the City with reviewing building applications, providing and interpreting flood information, issuing permits, working with the Building Official, management of building documents and records, and defining violations. Additionally, through participation in the Broward County ELMS, the City works to reduce and/or eliminate risks associated with natural or man-made floods and other hazards.

Copies of the Broward County Local Mitigation Strategy plan are available for review at the Broward Emergency Management Agency, 201 NW 84th Avenue, Plantation, Florida 33324, and at the following web site:

<http://www.broward.org/BrowardEMD/Responders/Pages/LocalMitigationStrategy.aspx> .

Flood Hazard Update:

The latest FEMA Flood Insurance Rate Maps (FIRMs) for Broward County and the City of Lighthouse Point were effective on August 18th, 2014. The updated map of Broward County is available at the following web site:

<http://bcgis.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=0b1b5ffc6f8440f9ab23d688bb79f063> .

City of Lighthouse Point Municipality Floodplain Management Projects:

During the past year the City has continued to provide the maintenance and keep the records required to recertify our participation in the CRS program. Projects directly related to storm water and floodplain management were the following:

- **NE 53rd Court Drainage Waterway:** The agreement between the City of Deerfield Beach and the City of Lighthouse Point was renewed to share costs for monthly foliage maintenance within the historical drainage waterway located along the City's North boundary just north of NE 53rd Court. Keeping this drainage structure clear of debris and overgrowth fosters the designed storm water runoff management.
Project Status: Ongoing with agreement renewable on a yearly basis.
- **City Wide drainage maintenance:** All city drains and outfalls were inspected and cleaned as needed in specified area.
Project Status: Areas of concern have been televised and repair procedures being defined by the City Engineer.
- **Municipal Dredging:** Project included the removal of 9,102 cubic yards of sediment from various city canals.
Project Status: Completed and functioning properly.

During the coming year the City proposes the following floodplain management action items:

- Continue maintaining the agreement with the City of Deerfield Beach regarding the maintenance of the NE 53rd Court drainage waterway feature.
- Continue to clean and maintain the City's drainage system.
- Execute a drainage project build transmission swales and tie the drainage system at the Tennis Center to a canal outfall to alleviate roadway ponding.
- Install Cast In Place Pipe (liners) in numerous City drainage pipes that are deteriorating.

The City continues to provide outreach to its property owners by way of the City website, newsletter, City Hall, City Library and telephone with regard to flood zone and flood hazard information. Reports, maps and links can be found on the City's web site at the following address:

<https://www.lighthousepoint.com/175/Flood-Information>

The newsletter is mailed to every property owner on an annual basis. The information is also on display at the City's public buildings and its Library.

The City's Building Department continues to maintain both on site and off site elevation certificates for the new and substantially improved properties. Upon request, elevation documentation and Flood Insurance Rate Map information is provided to the public. Technical advice and assistance is provided either in person or over the phone to those interested property owners and agents. Available documentation is publicized and displayed on the community's website.

The City maintains its open space preservation sites. The City's Stormwater Master Plan describes the storm water management requirements including soil, erosion and sediment control and water quality. The City enforces its regulations prohibiting dumping into the drainage system and local waterways. The drainage system is inspected and maintained on an on-going basis. A Capital Improvement Plan lists projects for drainage system improvements.

Summary and Recommendations:

The City of Lighthouse Point will continue to participate in the Broward County Multi-jurisdictional Local Mitigation Strategy and the Community Rating System programs in an effort to minimize hazard risks and gain flood protection benefits for its residents and the environment.

The City will implement projects to mitigate regular ponding and drainage system issues during heavy rain events.

The City will continue to provide information and outreach, including the newsletter and web site postings and provide brochures and flyers to convey the importance of obtaining and keeping flood protection and insurance and deliver consistent information relating to disaster mitigation to all residents and local businesses in the City.

The City will continue to disseminate the latest flood information available through its website. Contact information and other pertinent links are also provided on this website.

This report is being provided to the Mayor and City Commissioners, and also is available for the public to view on the City's website, www.lighthousepoint.com . Hard copy may be reviewed at the City Clerk's Office, 2200 NE 38 Street, and the Public Works Department at 4730 NE 21 Terrace.