



LOCAL MITIGATION STRATEGY

ANNUAL PROGRESS REPORT FOR THE CITY OF AVENTURA APRIL, 2020

I. BACKGROUND

The City is a participant in the Federal Emergency Management Agency (FEMA) National Flood Insurance Program's (NFIP) Community Rating System (CRS). FEMA provides flood insurance discounts to communities that participate in the CRS based on their floodplain management activities. The CRS requires that the City adopt a Floodplain Management Plan consistent with FEMA NFIP requirements.

Miami-Dade County, with input from all participating municipalities in the County, including the City of Aventura, prepared a Multi-Hazard Local Mitigation Strategy (LMS). The LMS was formally adopted by the City Commission through Resolution No. 2015-40 on July 7, 2015 and acts as the City's Floodplain Management Plan for NFIP purposes. The LMS is updated on a five year cycle.

II. THE PROJECTS

Part 2 of the LMS contains a list of mitigation projects in each of the participating municipalities. The projects listed for the City of Aventura are:

1. NE 191 Street Improvements which consist of water, sewer and drainage works to mitigate flood hazards in the North Biscayne Bay Flood Basin, and
2. NE 29 Place, Phase 1 and 2, improvements which consist of water, sewer and drainage works to mitigate flood hazards in the North Biscayne Bay Flood Basin, and
3. Storm Surge/Wind Protection which consist of building improvements to mitigate against flood, storm surge and health hazards, and
4. Development of a Floodplain Management Plan to mitigate flood hazards, and
5. Purchase Communications Information Equipment to facilitate communication amongst emergency personnel.

CRS Activity 510 requires that this project list be updated annually to document progress. This report serves as the annual progress report for the projects listed above. The following section contains a description of the project and a narrative on progress to date.

III. PROJECT PROGRESS

1. NE 191 Street Improvements

Project Description: Installation of gravity drainage wells and exfiltration trenches to contain flooding, treat additional runoff, reduce runoff to Biscayne Bay and to reduce flood stages that occur after rain events.

Project Status: Complete

2. NE 29 Place, Phase 1 and Phase 2 improvements

Project Description: Installation of upsized drainage structures and pipe with exfiltration trenches to contain flooding, treat additional runoff, reduce runoff to Biscayne Bay and to reduce flood stages that occur after rain events.

Project Status: Complete

3. Storm Surge/Wind Protection Projects

Project Description: Building Storefront Flood Gates

Project Status: Determined not to be a benefit to the City. Project is discontinued.

4. Development of a Floodplain Management Plan

Project Description: Obtain grant funds and hire a consultant to prepare a Floodplain Management Plan.

Project Status: The Local Mitigation Strategy prepared by Miami-Dade County and adopted by the City Commission on July 7, 2015 serves as the Floodplain Management Plan for the City of Aventura.

This project was redirected to preparation of a Comprehensive Stormwater Management Plan for the City. The plan includes evaluation and analysis of the City's existing stormwater system, generation of specific projects and preparation the Plan document with associated cost estimates and schedules for improvements, environmental assessment of NPDES and sustainability objectives, sea level rise study and analysis with specific recommendations and costs to address impacts and analysis of the current stormwater utility fee data base for structure and accuracy. Work is complete as of the date of this progress report. Staff is working with its consultant to implement the study recommendations.

5. Purchase of Communication Equipment for Emergency Personnel

Project Description: Purchase of equipment, including radios and additional cellular phones, to assist emergency personnel in responding to an emergency.

Project Status: The City continues to replace and add radios, cellular phones and other required communication equipment as necessary. This project is ongoing.

This progress report has been prepared by the City of Aventura Community Development Department with assistance from the City of Aventura Police Department and City of Aventura Public Works/Transportation Department for transmittal through the City Manager to the City Commission, posting on the City's website and transmittal to the local media for public information. The full text of the Local Mitigation Strategy (LMS) can be viewed at www.miamidade.gov/fire/mitigation.asp