



**City of Delray Beach, Florida**  
**Floodplain Management Plan Annual Progress Report**  
**Annual Progress Report 2022**

**Which Plan is this for (use separate templates for each credited Plan):**

- ☒ **Floodplain Management Plan (Hazard Mitigation Plan)**
- ☐ **Repetitive Loss Area Analysis**
- ☐ **Floodplain Species Plan**
- ☐ **Substantial Damage Plan**

*Date this Report was Prepared:* March 17, 2022

*Name of Community:* City of Delray Beach (NFIP # 125102)

*Name of Plan:* 2020 Palm Beach County Unified Local Mitigation Strategy (LMS)

*Date of Adoption of Plan:* November 11, 2019

*5 Year CRS Expiration Date:* 2020 LMS Update expires in 2025

**1. How can a copy of the original LMS be obtained?**

City of Delray Beach City Hall  
Zheng Xinmin  
100 NW 1st Avenue  
Delray Beach, Florida 33444  
Or  
Elsa Gonzales-Soto  
100 NW 1st Avenue  
Delray Beach, Florida 33444

The LMS is posted on the Palm Beach County website at:

2. *Describe how this evaluation report was prepared and how it was submitted to the governing body, released to the media, and made available to the public:*

Elsa Gonzales-Soto, CRS Coordinator and Project Manager 1 completed this report. It has been provided to the City Commission via a memo, provided to the local media via a media release, and is available to the public via public records request.

3. *Provide a description of the implementation of each recommendation or action item in the action plan, including a statement on how the project was implemented or not implemented during the previous year:*

There are 91 projects on the LMS Prioritized Project List (PPL) dated November 11, 2021, including the following projects totaling \$53.6 million for the City of Delray Beach. Being placed on this list provides the City an opportunity to be competitive for storm repair dollars as they are made available to Palm Beach County, as well as to apply for FEMA Flood Hazard Mitigation Grants.

The City can submit new projects to the LMS PPL at any time, following a submittal process. New projects are considered and scored twice a year during the scheduled project evaluation dates in January and July of every year. Once a year in the month of April, the evaluation panel will meet to purge the PPL to ensure outdated projects, or those projects funded by local municipalities are removed from the list.

**Placement of backflow prevention devices (tidal check valves) to prevent high tide events from causing “sunny day flooding”:**

- LMS-580495 Tidal Check Valve Improvement Project – Phase 1 PPL Item 22
  - **Status-** Ongoing project, no funding was provided in FY 21/22 due to budget shortfalls
  - City Standards have adopted tidal check valves
  - Supporting document “Delray Beach Stormwater Inlets and Valve Projections” lists what has or will be done with 103 outfalls
- LMS-036085 Tidal Check Valve Improvement Project – Phase 2 PPL Item 19
  - **Status-** Ongoing project, no funding was provided in FY 21/22 due to budget shortfalls
  - City Standards have adopted tidal check valves
  - Supporting document “Delray Beach Stormwater Inlets and Valve Projections” lists what has or will be done with 103 outfalls
- LMS-293394 Tidal Check Valve Improvement Project – Phase 3 PPL Item 23
  - **Status-** Ongoing project, no funding was provided in FY 21/22 due to budget shortfalls
  - City Standards have adopted tidal check valves
  - Supporting document “Delray Beach Stormwater Inlets and Valve Projections” lists what has or will be done with 103 outfalls

- LMS-224397 Tidal Check Valve Improvement Project – Phase 4 PPL Item 24
  - **Status-** Ongoing project, no funding was provided in FY 21/22 due to budget shortfalls
  - City Standards have adopted tidal check valves
  - Supporting document “Delray Beach Stormwater Inlets and Valve Projections” lists what has or will be done with 103 outfalls

#### **Raising of City-owned seawalls:**

- LMS-808821 Marine Way Seawall Improvements PPL Item 2
  - **Status-** Project is currently in the design phase
  - Specific area study budgeted by commission for design of improvements
  - Study Completed October, 2018
  - Commission/public presentation on 04/09/2019 (see attached presentation)
  - Commission one on one workshop on 05/12/2019 (see attached presentation)
- LMS-828881 Seawall Improvements – NE 1<sup>st</sup> CT, NE 2<sup>nd</sup> ST, NE 5<sup>th</sup> ST, Bucida and Spanish Cir PPL Item 20
  - **Status-** Some preliminary analysis has been completed
  - Specific area study budgeted by commission for design of improvements
  - Study Completed October, 2018
  - Commission/public presentation on 04/09/2019 (see attached presentation)
  - Commission one on one workshop on 05/12/2019 (see attached presentation)
  - NE 1<sup>st</sup> Ct seawall has been improved
- LMS-839233 Atlantic Dunes Park Seawall Improvements PPL Item 46
  - **Status-** Construction is 30-40% completed
  - Specific area study budgeted by commission for design of improvements
  - Study Completed October, 2018
  - Commission/public presentation on 04/09/2019 (see attached presentation)
  - Commission one on one workshop on 05/12/2019 (see attached presentation)
  - Design completed and construction is in progress
- LMS-880318 Thomas Street Pump Station PPL Item 30
  - **Status-** Design phase will be completed at the end of summer
  - See Stormwater Master Plan accepted by City Commission at Public hearing
  - Selected as one of the City’s “Top 8 Projects” by City Commission on 05/14/2019
  - Design phase.
- LMS-009925 Standby Generators for Critical Facilities PPL Item 71
  - **Status-** In planning phase, currently unfunded
  - Applied for funding opportunity
  - In the design phase of Thomas Street includes a standby generator

- LMS 497863 Lakeview stormwater Pipe Improvements PPL Item 42
  - **Status**-Ongoing engineering study, design phase forth coming
  - Project was put on hold until new consultant was on board
  - Flood Control/Reduction and Waterway Management
  - \$1,320,000
- LMS 787214 Marine Way Pump Station PPL Item 78
  - **Status**- design phase is expected to be completed by the end of 2022
  - Flood Control/Reduction and Waterway Management
  - \$14,000,000
- LMS 225565 Basin Street Pumping Station PPL Item 45
  - **Status:** To be removed from the LMS
- LMS 616588 Tropic Isle Roadway and Underground Utilities Improvement PPL Item 5
  - **Status: Design will start in April 2022**
  - Applied for funding opportunity

4. *Discuss why any objectives were not reached or why implementation is behind schedule:*

LMS 497863 Lakeview stormwater Pipe Improvements is behind since the consultant was let go and had to get another consultant.

The rest of the objectives have been reached and all projects are on schedule, please see above for specific details.

5. *What are the recommendations for new projects or revised recommendations?*

- “Five Finger” Area 12C Improvements – in addition to the installation of tidal check valves on the existing drainage system, there will be new drainage improvements. There will be drainage improvements required in the future, including pump stations.
- Southwest Neighborhood Redevelopment - This area was platted over 50 years ago. The goal of the project is to design a project that will reconstruct and retrofit the existing public infrastructure, including improvement of the area’s drainage. Water quality best practices will be addressed.