

**City of Pompano Beach, Florida
CRS Activity 510
2024 Annual Progress Report on Flood Mitigation Plan**

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**

Name of Community:

Pompano Beach, Florida (NFIP# 120055)

Date this Annual Progress Report was prepared:

3/28/2024

Name of Plan:

Broward County Local Mitigation Strategy (LMS), 2023
City of Pompano Beach Stormwater Master Plan (SWMP), 2013

Date of Adoption of Plan:

LMS - By City of Pompano Beach September 26, 2023
SWMP - 2013

5 Year CRS Expiration Date:

October 1, 2027

1. How can a copy of the credited Plan be obtained?

Broward County LMS website:

<https://www.broward.org/Emergency/Responders/Pages/LocalMitigationStrategy.aspx>

Pompano Beach Stormwater Management Master Plan on City's website:

http://pompanobeachfl.gov/assets/docs/pages/flood_information/Pompano%20Beach%20SWMP%201-%20Overall%20Report.pdf

*2. Describe how **this annual progress report** (not the credited Plan) was prepared and how it was submitted to the governing body, released to the media, and made available to the public:*

This annual progress report was prepared under the supervision of Max Wemyss, CRS Coordinator. This report is provided to the governing body through the City Manager's office, it is released directly to the media and made available to the public on the city's website.

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

LMS Projects:

- **Pompano Beach Public Works Building Replacement construction project**
Potential Funding Source: HMGP
Cost: \$ 5,100,000
Status: Project is on hold. City is evaluating funding resources.

- Pompano Beach Emergency Operations Center Generator Retrofit (Equipment Purchase)**
 Potential Funding: HMGP, SHSGP
 Cost: \$ 750,000
 Status: This project has been completed.
- Pompano Beach New Fire/Emergency Operations Center**
 Potential Funding: HMGP, SHSGP
 Cost: \$ 19,000,000
 Status: This project has been expanded and is being funded through the City's General Obligation bond proceeds. The design phase is expected to be \$1.3 million and construction, which includes a parking garage, is estimated at \$15 million. The project is currently on hold while a new location outside of a SFHA is considered.
- Pompano Beach Manhole Inflow Protector**
 Potential Funding Source: HMGP, GF
 Cost: \$ 120,000
 Status: These liners are continually funded from operating funds and have been installed as-needed for decades. This project will continue to be funded from operating funds and will be removed from the LMS projects.
- Mobility Hub Purchase/Installation Project**
 Potential Funding Source: HMGP
 Cost: \$300,000
 Status: This project was just added to the LMS so no update is available yet.
- Generator Building Hardening Project**
 Potential Funding Source: Other
 Cost: \$1,156,757
 Status: This project was just added to the LMS so no update is available yet.

SWMP Projects:

- Downtown Pompano Stormwater Master Plan Implementation Project:**
 Design and construction of stormwater facilities in support of future redevelopment in the Downtown Transit Oriented Corridor/Innovation District.
 Cost: \$ 3,520,000
 Status: The Master Developer for this project has been selected and has commenced work on the planning stages. The stormwater concept for the district continues to evolve with the Master Plan.
- Lyons Park Neighborhood:**
 The Lyons Park Neighborhood Improvement Project includes a stormwater management system that will discharge into the existing drainage system and two new outfalls located to the south of McNab Road. This project will improve the drainage system within the Lyons Park Neighborhood. The sanitary sewer lines within the Lyons Park Neighborhood are located in the rear yard easements of the properties/homes. This project will relocate the sewers to the street's right-of-way. Some small sections of watermain will require relocation and these are primarily located in the swale areas of the neighborhood.
 Cost: \$17,600,000
 Status: Project is under construction and 90% complete.

- **Avondale Neighborhood:**
 Identified as a priority drainage basin in need of stormwater system improvements. This project will help alleviate most of the flooding conditions.
 Cost: \$ 3,290,000
 Status: Completed.
- **Esquire Lake Neighborhood:**
 Stormwater system improvement alternatives investigated for this study area include pipe size upgrades and exfiltration trenches.
 Cost: \$ 2,764,709
 Status: Completed.
- **Gateway Drive Area:** Public roadways in the study area have a limited existing stormwater system. This project will help alleviate flooding in the area.
 Cost: \$3,417,000
 Status: Completed.
- **Kendall Lake Neighborhood:**
 The proposed improvements focus on reducing stormwater runoff flowing into Kendall Lake, which does not have an overflow connection.
 Cost: \$ 2,974,000
 Status: The project is completed.
- **US-1 & NE 14th Street Causeway:**
 This project will help alleviate flooding in the area.
 Cost: \$ 1,002,047
 Status: Project design is complete and has received \$4.5 million in SRF funding.
- **NE 4th Street & NE 3rd Street:**
 The public right-of-way does not have an existing drainage system to address flooding issues.
 Cost: \$ 1,386,922
 Status: Project is completed.
- **Bay Drive Neighborhood:**
 Flooding within neighborhood roadways.
 Cost: \$ 1,322,384
 Status: Project is currently at 80% complete.
- **N. Riverside Drive & NE 14th Causeway:**
 Due to the very low elevation of the study area, the flooding problems within the study area are directly influenced by the tidal fluctuations in the Intracoastal Waterway.
 Cost: \$ 1,284,298
 Status: Project on hold due to being incorporated into the Metropolitan Planning Organization N. Riverside Drive Streetscape Improvements.

The N. Riverside Drive and NE 14 Street project has been merged to the Surtax-funded Riverside Drive Streetscape Improvements Project. Currently, the project is 90% design complete and undergoing value engineering to manage costs which are predicted to exceed the City's budget. Therefore, the City is seeking additional resources through various State and Federal grants. In the meantime, the design team is working with County

staff to obtain surface water management licenses and permits to allow work to be conducted in two phases. Phase I is intended to address work from NE 11th Street to NE 14 Street. This phase will focus on drainage facilities but will not include any pumping stations. The pumping stations are expected to be constructed in Phase II comprised of work from Atlantic Boulevard to NE 11 Street. Ultimately, the goal is to implement facilities to mitigate impacts caused by sea level rise as well as upgrades to water and sewer mains; roadway alignment and resurfacing; new sidewalks; street lighting and additional landscape.

- **Atlantic Blvd. & S. Riverside Drive:**
This project is priority #13 in the Stormwater Master Plan.
Cost: \$ 475,302 for design.
Status: Project is currently at 90% design and currently unfunded. Seeking SRF funding.
- **NE 27th Avenue & NE 16th Street:**
This project will improve the drainage in the NE 27th Avenue and NE 16th Street area.
Cost: \$ 3,151,280
Status: Project is 80% complete.
- **Powerline Road & NW 33rd Street:**
There are no existing City drainage facilities within the study area. This project will improve the drainage in the area east of Powerline Road.
Cost: \$ 1,888,999
Status: Project listed in 2019-2023 CIP budget for design and construction in years 2021-22. Not Started.
- **SE 28th Avenue south of Atlantic Blvd:**
This project will improve the drainage in the area.
Cost: \$ 750,654
Status: Project listed in 2019-2023 CIP budget for design and construction in years 2021-22. Not Started.
- **NW 22nd Court:**
This project area with significant impervious ground coverage has heavy flooding problems. This project will improve drainage in the area.
Cost: \$ 1,298,588
Status: Project listed in 2019-2023 CIP budget for design and construction in years 2021-22. Not Started.
- **US-1 & SE 15th Street:**
The ground surface elevations within this area are very low, which creates some of the flooding problems. Some roadways in the area are without existing drainage facilities. This project will improve drainage in the area.
Cost: \$ 214,084 for design.
Status: Project listed in 2019-2023 CIP budget for design in 2022. Not Started.
CIP 22-185 Stormwater
- **NW 16th Lane:**
Project is located in portions of NW 16th Lane, portions of Copans Road, and portions of NW 17th Lane. This project will provide additional flood protection and water quality not

currently available due to impervious ground coverage.
Cost: \$1,700,000.00
Status: Project is 10% complete, construction just started.

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

All objectives have been met and/or are progressing as planned. Implementation of new projects are also progressing as planned, which align with available funding.

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

- Stormwater management regulations and design standards for higher finished floors:
The City has evaluated and will be adopting stormwater retention regulations for on-site retention for SF and duplex construction. Concurrently, the City is developing design guidelines for construction at increased finished floor elevations that will apply in the areas affected by the 2019 FEMA FIRMs to become effective on July 30, 2024.
- Tideflex Valves
The City is installing infill prevention valves on tidal outfalls to prevent high tides from flooding the streets during extreme high tides, when tidal waters are higher than the roadway. Projects are to be ongoing with \$50,000 funded annually for construction in CIP.
- Stormwater Masterplan Update
The purpose of the Stormwater Master Plan update is to identify any deficiencies in the existing stormwater management system and to recommend system improvements to alleviate flooding problems within public rights-of-way throughout the study areas. The Updated Stormwater Master Plan will allow the City of Pompano Beach to understand the necessary drainage improvements over the next few years and to budget accordingly.
- Vulnerability Assessment
The City is nearing completion of the Resilient Florida-funded Vulnerability Assessment that details the exposure of facilities, critical infrastructure, roadways, and neighborhoods to climate change stressors, including sea level rise, precipitation events, and groundwater table changes. This effort will serve as an addendum to the City's Updated Stormwater Management Plan (SWMP), to include analyses of sea level rise, increased storm surge, and increased inundation flood impacts to the City's infrastructure. The project will incorporate socioeconomic metrics, such as low-income, senior and minority populations to analyze social vulnerability, and include community outreach via two public meetings. The Vulnerability Assessment will provide information needed to designate Adaptation Action Area (AAAs) which will be used to prioritize future adaptation projects eligible for State funding through the Resilient Florida program.