

## MEMORANDUM

**TO:** John D'Agostino, Town Manager  
*(for distribution to the Town Commission and placement on the Town website as our main media outlet)*

**FROM:** Nadia Di Tommaso, Community Development Director  
*(with interdepartmental information assistance)*

**SUBJECT:** ANNUAL PROGRESS REPORT – FLOODPLAIN MANAGEMENT

**MEMO DATE:** MARCH 18, 2020

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## BACKGROUND

The Community Rating System (CRS) Program requires a yearly progress report pertaining to our floodplain management plan. **The last progress report was provided in April 2019.** The Town adopted a Resolution 1998 (R98-1270D) to join the County in the Local Mitigation Strategy through Resolution 01-01-15 on January 7, 2015 to be part of the “Revised Unified Palm Beach County Local Mitigation Strategy (LMS) Plan” (both are enclosed herewith), which automatically adopts the latest versions of the County’s Local Mitigation Strategy Plan (2020 version is enclosed). Palm Beach County is also working on an updated crosswalk that municipalities will be able to utilize moving forward as a countywide LMS tool. This plan, which was updated in 2020 and written by Palm Beach County, is designed to create a more disaster resistant community. There are 37 municipalities that participate in the LMS including the Town of Lake Park. This plan is a necessary tool that aids in identifying all types of hazards and allows for participating communities to be eligible to receive pre-disaster and post-disaster federal funding for mitigation purposes. While we are currently utilizing the County’s LMS, the Town also adopted new Floodplain Management Regulations (Ordinance 10-2017) which were also reviewed and approved by FEMA.

## DISCUSSION

This progress report addresses our participation in the LMS and gives a detailed report of the Community Rating System, as it relates to the Local Mitigation Strategy Prioritized Project List (LMS PPL), for the 2019 recertification process (a copy of the Report is enclosed). A complete copy of the full 2019 Recertification packet is available on request. Recertification is necessary to maintain our current rating of “8” which provides a 10% discount on flood insurance to our residents that live in the Special Flood Hazard Area (SFHAs) and a 5% discount for those outside of the SFHA.

## RECOMMENDATIONS

Staff Recommends approval of the “Community Rating System, 2020 Floodplain Management Plan Progress Report” by the Town Commission and will be placing this report as a consent agenda item on the March 18, 2020 agenda (Resolutions, including the County’s Revised LMS are enclosed). This Town Commission approval is a requirement of the CRS recertification process. A copy is also available on the Town website for the public as our main media outreach tool for the community.

## COMMUNITY RATING SYSTEM

### FLOODPLAIN MANAGEMENT PROGRESS REPORT

March 18, 2020

#### Lake Park, Florida – CID 120212 NFIP NUMBER

1. **Name of CRS Floodplain Management Plan (LMS or other):**  
Palm Beach County Unified Local Mitigation Strategy (LMS)
2. **Date Adopted:**  
Joined the LMS through Interlocal Agreement in 1998 (Resolution R98-1270D)  
*and*  
Adopted latest LMS Strategy Plan on January 7, 2015 through Resolution 01-01-15 (Palm Beach County is working through an updated crosswalk that municipalities will be able to utilize moving forward as a countywide tool)
3. **Location where copies are available for review:**  
Town of Lake Park Town Hall (Community Development) AND Town website  
535 Park Avenue, Lake Park, FL 33403
4. **Summarize any floods that occurred during the year (if any):**  
No floods occurred during the year.
5. **What impact did the floods have on the repetitive loss area:**  
Not applicable.
6. **List each element of the original plan and note how much was accomplished during the previous year:**

#### **Lake Shore Drive Drainage Improvements (Ranked #12 on LMS Project list)**

➔ Hurricane Matthew slated the Town for Tier 2 Hazard Mitigation Grant Program (HMGP) funding for the drainage improvements. This is still under review however, there is progress with the Grants Writer position and this project will be monitored if funding is distributed and made applicable to this project. The Town's Grants Writer is also seeking other funding for this project, as well as, HMGP funds under Hurricane Irma. The Town is currently under technical review by the HMGP technical team and a cost-to-benefit analysis is underway. While the review is still ongoing, the project exhibited a favorable BCA and is slated for approval sometime in 2020.

#### **Southern Outfall Retrofit (Ranked #59 on LMS Project list)**

➔ This is in regards to the outfall pipes along Lake Shore Drive. Since there are several projects associated with this overall initiative, this particular project has not yet been pursued and the project details may change moving forward.

#### **10<sup>th</sup> Street Storm Water Drains (Removed from LMS Project list)**

➔ Geotechnical investigations have been undertaken and since then, the Town's consultant has done some survey work. The 10<sup>th</sup> Street corridor improvements south of Park Avenue is currently on the Town's CIS and contingent on available grant and assessment funding. The Town will look to keep this on the CIS and possibly modify the descriptions/study area in our next update. There may be some limited stormwater funds available for this project in two fiscal years (2020). This

road may be a candidate for a pilot program in the future for the display of “Green Infrastructure” technologies. The Town will work with grants writer to explore grants for this. 30% plans have been developed based upon heavy utilization of “Green Infrastructure” and grant funding is currently being sought. The plans indicate usage of underground vaults to store and treat stormwater runoff.

#### **Storm Line Cameras (Removed from LMS Project list)**

→ Project was budgeted in Fiscal Year 18 however, some funds were used for other priorities, but there were remaining funds available to proceed with additional video. Approximately the same amount of storm lines (roughly 20%) have undergone contract video. The separate initiative below (Master Drainage Plan) is being completed shortly and took priority. Over the last 18 months, the Town has engaged approximately \$55k worth of pipe televising, which covers approximately 10% of the system. We are focused on known problem areas, so that engineering plans can be developed for pipe remediation. Approximately \$20,000 of additional pipe televising took place in early 2020 and is being reviewed by our engineering teams.

#### **Update Master Drainage Plan (Removed from LMS PPL)**

→ The stormwater mapping project has been completed, and is being used as part of the Stormwater Master planning project which is approved by Resolution and currently underway. The value of the Master Plan effort is approximately \$120,000. The SWMP project remains in development. A citizen advisory committee was created and has met monthly since August of 2019 to help with policy steering and development, along with stakeholder engagement facilitation. A grant from the Florida Resilient Coastlines program was awarded to the Town in 2019 in an amount of \$75,000 to assist funding the development of the SWMP. Green Infrastructure is being emphasized, along with adaptation strategies to future Sea Level Rise.

#### **Cured In Place Pipe (CIPP) Liner Installations (Completed and removed from from LMS Project List)**

→ In 2018, 200 foot CIPP liner was installed in the 100 block of Cypress Drive and 455 foot of CIPP liner was installed in the 700 block of Park Ave. Also, in 2019 new RCP and CIPP was installed at Kalmia and Flagler, and Palmetto and Kalmia to rehabilitate damaged pipes. Several more pipe repairs are currently underway along Flagler Boulevard and Jasmine Drive. These additional locations will be completed in 2020.

The Town also refurbished its vac-con stormwater maintenance truck at a cost of \$100,000 in 2019. The truck has been in service cleaning storm drain lines and removing sediment and debris from the lines. In 2019, the Town also completed the “Firestone” Outfall replacement which is an outfall that provides drainage to approximately 40 acres of Town residential areas. The project was completed and closed in 2019.

#### **7. Were there any objectives not reached, or is implementation behind schedule? If so, state why?**

The Town did not have any flooding incidents that required an action plan. Please refer to the responses in #6 above regarding the individual project objectives. These LMS PPL projects are reviewed on an annual basis and currently, 2 projects are listed on the LMS PPL list for Lake Park.

#### **8. Should new projects be started or should any of the recommendations or objectives be revised?**

No. The LMS PPL and adherence to the new Floodplain Management Ordinance is comprehensive. It also addresses the repetitive loss areas which are generally located along Old Dixie Highway and Lake Shore Drive and identifies the Lake Shore Drive area as the area that requires the most mitigation

based on the project listed on the LMS PPL. Old Dixie Highway is a Palm Beach County owned and maintained roadway that is currently undergoing an extensive widening and drainage improvement initiative.

**9. Progress Report discussed OR made available at a public meeting?**

This progress report was discussed internally and will be distributed to the Town Commission for their approval at a public meeting on March 18, 2020. It is also available on the Town's main page of the website for the public and is available for copying if requested. A copy will also be distributed to the NFIP Specialist as part of the CRS recertification visit.

**For more information contact:**

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