



**PALM BEACH COUNTY COMMUNITY RATING SYSTEM
FLOODPLAIN MANAGEMENT PLAN
ACTIVITY 510 PROGRESS REPORT CY2021**

Palm Beach County, Florida
NFIP Number – 120192

**CRS Activity 510
Annual Progress Report in Implementation of Credited Plan**

**Department of Public Safety
Division of Emergency Management**

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Which Plan is this for?

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

Name of Community: Palm Beach County, Florida, NFIP # 120192

Date this Annual Progress Report was prepared: March 6, 2024

Name of the CRS Floodplain Management Plan:

Palm Beach County Unified Local Mitigation Strategy

The purpose of the Palm Beach County Unified Local Mitigation Strategy (LMS) is to develop and execute an ongoing unified strategy for reducing the community's vulnerability to identified natural, technological, and human-caused hazards. The strategy provides a rational, managed basis for considering and prioritizing hazard-specific mitigation options and for developing and executing sound, cost effective mitigation projects. The LMS also provides a basis for justifying the solicitation and use of local, state, federal, and other monies to support hazard mitigation projects and initiatives. The Palm Beach County Unified LMS believes broad community support, including ongoing public and private sector involvement, is very important to the success of the program.

Palm Beach County (PBC) has had an increasing number of stakeholders preparing to incorporate the LMS as part of their Floodplain Management Plans in accordance with the CRS Coordinator's Manual Activity 500 – Flood Damage Reduction Activities, specifically, Activity 510 – Floodplain Management Planning. Several communities have worked with PBC Public Safety Department's Division of Emergency Management, the Building Division of the Planning, Zoning, and Building Department, and private contractors in efforts to identify the resources necessary to accomplish planning initiatives. Currently, the majority of our municipalities use the LMS for their floodplain management plan in addition to unincorporated Palm Beach County.

Date Adopted

- Original adoption: September 30, 1999
- Revised Plan approved by FEMA: November 2004
- Revised Plan approved by FEMA: January 2010
- Revised Plan approved by FEMA: February 2015
- Revised Plan approved by FEMA: October 16, 2019

5-Year LMS Expiration Date of Plan: October 15, 2024

1. How can a copy of the credit Plan be obtained:

Palm Beach County Division of Emergency Management
20 South Military Trail
West Palm Beach, FL 33415

Contact: Jerri L. Clairday, LMS/CRS Coordinator, Planning Section

Office: (561) 712-6481

Email: JClairday@pbcgov.org

Also posted on the internet at the following address:

readypbc.com/LMS

or

<https://discover.pbc.gov/publicsafety/dem/Sections/Planning-Local-Mitigation-Strategy.aspx>

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:

The status of all mitigation projects and success stories were reported and discussed at the quarterly LMS Working Group and Steering Committee meetings (open to the public).

LMS Steering Committee Meetings

- February 15, 2023
- May 25, 2023
- August 23, 2023
- October 25, 2023

LMS Revisions Sub-Committee Meetings

- June 7, 2023
- July 26, 2023
- August 16, 2023
- October 18, 2023
- November 19, 2023

LMS Working Group Meetings

- March 15, 2023
- June 21, 2023
- September 27, 2023
- December 13, 2023

At two (2) of the four (4) Steering Committee meetings and after discussion of the status of each project, the Prioritized Project List (PPL) was updated. The PPL was then posted on the DEM website once approved by the Steering Committee and was made publicly available for review at [2023 Fall Prioritized Project List \(PPL\).pdf \(pbc.gov\)](https://discover.pbc.gov/publicsafety/dem/PDF/2023%20Fall%20Prioritized%20Project%20List%20(PPL).pdf)

or

[https://discover.pbc.gov/publicsafety/dem/PDF/2023%20Fall%20Prioritized%20Project%20List%20\(PPL\).pdf](https://discover.pbc.gov/publicsafety/dem/PDF/2023%20Fall%20Prioritized%20Project%20List%20(PPL).pdf)

All general meetings were publicized through media releases, social media platforms, and posted announcements. See Annex 3 for media release example. The minutes for each LMS Working Group and Steering Committee meetings are posted on our LMS webpage for public view at ready.pbc.com/LMS

or

<https://discover.pbc.gov/publicsafety/dem/Sections/Planning-Local-Mitigation-Strategy.aspx>

We have provided copies of this report to our governing body and local media. The governing board for the CRS is the LMS Steering Committee. A copy of this progress report has been posted to the homepage of the Palm Beach County Division of Emergency Management website for public review. A media release announcing the report and posting has been executed.

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:

Each of the 109 action items on the 2023 Project Prioritized List (PPL) in the LMS were reviewed by the LMS Steering Committee during the 2023 LMS PPL Update. The status updates are included in the tables in Annex 1 and Annex 2.

Major progress in the LMS program during this reporting period includes:

- The LMS is currently undergoing the revision process. The LMS Revisions Sub-Committee met five (5) times in 2023 to update the document. One (1) significant change made was the inclusion of a fourth question to break scoring ties during the evaluation process. The fourth question added is: Which project has the highest Benefit/Cost Ratio? The question was then moved to Question #1 as cost effectiveness is of paramount importance in mitigation spending.
- The LMS Program is working with PBC Planning, Zoning, and Building (PZB) Department to produce a Watershed Master Plan (WMP) for credit under the Community Rating System (CRS). PZB applied for and was awarded grant funding thru the Watershed Planning Initiative under the Hazard Mitigation Grant Program (HMGP), as approved by Florida Division of Emergency Management.
- Quarterly Meetings were held for the LMS Working Group (4), LMS Steering Committee (4), and the CRS User Group (4). There were two (2) meetings of the LMS Evaluation Panel to evaluate, score, and rank new projects for the Prioritized Project List (PPL).
- PBC continues to use the LMS WebEOC portal in capturing community submission packages for the Prioritized Project List (PPL). A total of 109 projects are active on the PPL.
- The LMS Newsletter was published three (3) times in 2023. These documents are sent out to the LMS Working Group, available to all municipalities to be displayed in their public spaces, and posted online at ready.pbc.com/LMS or <https://discover.pbc.gov/publicsafety/dem/Sections/Planning-Local-Mitigation-Strategy.aspx>

- PPL Mitigation projects continued to be funded from previous disasters, including those of flood mitigation projects. See Annex 1 for updated projects in progress for Hazard Mitigation Grant Program funding.

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

The Program for Public Information (CRS Activity 330) Committee met five (5) times to complete the PPI. However, a quorum was not met each time precluding progress on completion. At present, the consultant, procured by the Building Division of Planning, Zoning, and Building Department, is finalizing the document which should be available for approval at the next PPI meeting scheduled for Thursday, March 28, 2024.

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

The LMS PPL continues to operate on its normal schedule. New projects are scored and ranked by the LMS Evaluation Panel and adopted by the LMS Steering Committee. The review periods occurred in April/May and September/October of 2023. Five (5) of the 21 projects added in April/May 2023 period and five (5) of the 12 projects added in the September/October 2023 period were dedicated to mitigating flood issues within the respective communities. Projects that were on the list for more than five (5) years at the time of the bi-annual reviews were purged after contacting the respective communities for updating or removal. New PPL projects are listed in the table found in Annex 2.

6. Summarize any flooding that occurred during calendar year 2023.

The LMS ranks floods at the top of the list of identified hazards because of their projected impact potential across the entire spectrum of community exposure and services. Florida, and especially PBC, is highly susceptible to localized flooding. Inland and coastal flooding are the most likely types of floods frequently affecting communities across the County. The tropical rainfall pattern in the county coupled with the hurricane season (June 1 through November 30) makes PBC particularly vulnerable to flooding, especially later in the hurricane season when the water table is high and the ground is saturated from impacts of cyclones and rain events. PBC received 73.97 inches of rain in 2023, 12.22 inches above normal. The following flooding advisory statistics were noted for CY 2023:

Areal Flood Advisories:	89
Areal Flood Watches:	8
Flash Flood Warnings:	3
Flash Flood Watches:	0
Coastal Flood Watches:	0
Coastal Flood Advisories:	3
Coastal Flood Statements:	18
Tropical Storm Warnings:	0
Flood Watches:	8

Total Precipitation for CY 2023 (NWS – Miami taken from PBC PBI)

Total Precipitation for CY2023 (NWS - Miami taken from PBC PBI)							
2023	Total Rain	Days >0.01"	Days >0.10"	Days >0.50"	Days >1.00"	Greatest Rain Day	Date
Jan	0.21	5	1	0	0	0.12	23-Jan
Feb	1.14	4	3	1	0	0.85	5-Feb

Mar	0.12	5	0	0	0	0.05	19-Mar
Apr	11.13	12	7	5	4	5.25	16-Apr
May	5.63	13	9	3	2	1.66	24-May
Jun	12.39	23	15	7	6	2.4	24-Jun
Jul	11.54	19	15	7	5	2.41	16-Jul
Aug	5.68	23	12	2	1	2.28	13-Aug
Sep	13.14	18	15	9	3	4.2	26-Sep
Oct	4.56	11	7	3	2	2.27	1-Oct
Nov	4.46	10	5	3	2	1.55	16-Nov
Dec	3.98	11	6	2	1	2.67	17-Dec

Source NWS: <https://forecast.weather.gov/product.php?site=MFL&product=CLM&issuedby=PBI>

7. What impact did the flooding have on repetitive loss areas?

This office did not receive any reports of flooding from repetitive loss property area owners. The rainfall average was 12.22 inches above the normal rainfall average in 2023 throughout unincorporated PBC. The County was limited to minor street flooding. No structures were reported as flooded during any of 2023 rain events.

Annex 1: PPL Project Progress

As part of this annual progress report preparation process, the LMS Coordinator prepares an update on the status of all active county flood mitigation projects from the state. The most current update to projects submitted for Hazard Mitigation Grant Program (HMGP) funds for Hurricane Ian (4673) and Hurricane Nicole (4680) that were awarded funds are listed below. A total of \$7,673,818.63 in total project costs.

HMGP FY23 Quarter 4 Overview

Disaster Number	Project Number	Suffix	Subgrantee	Project Title	Type	Project Status	Date Initially Approved	Project Date Closed	Federal Share Obligated	Subrecipient Management Costs Obligated Amount	Total Obligated Amount	Non-Federal Share
4283	0014	R	Lantana	Town of Lantana Library Hurricane Shelter System	205 8 Retrofitting Public	Closed	03/09/2018	11/18/2020	\$61,964.90	\$0.00	\$61,964.90	\$17,321.90
4283	0026	R	Palm Beach (County)	Palm Beach County Wildlife Mitigation	300 2 Vegetation Management	Closed	06/17/2019	02/28/2022	\$662,900.00	\$0.00	\$662,900.00	\$187,900.00
4283	0028	R	Palm Springs	Village of Palm Springs Miller Road	405 1 Other Minor Flood Control	Closed	02/13/2018	09/20/2021	\$77,842.09	\$0.00	\$77,842.09	\$25,947.36
4283	0093	R	INDIAN TRAIL IMPROVEMENT	Indian Trail Improvement District	405 1 Other Minor Flood Control	Closed	06/03/2018	10/09/2020	\$1,875.00	\$0.00	\$1,875.00	\$6,625.00
4283	0096	R	Lantana	Mass Property Police Department (901 8th Street)	601 2 Retrofitting Public	Approved	06/26/2018		\$1,125,000.00	\$0.00	\$1,125,000.00	\$375,000.00
4468	0016	R	Riviera Beach	City of Riviera Beach IIR Station #47	Generators - Regular	Approved	09/08/2021		\$28,492.00	\$15,246.60	\$29,737.60	\$94,164.00
4468	0023	R	Palm Springs	Village of Palm Springs Davis Road North Basin Drainage	103 1 Feasibility Engineering	Closed	09/20/2021	06/13/2023	\$0.00	\$0.00	\$0.00	\$0.00
4468	0025	R	JUPITER TOWN HALL	Town of Jupiter WTP Server Room Code Bus Safe Room & Town of Lake Park	103 2 Feasibility Engineering	Closed	08/25/2021	12/06/2021	\$0.00	\$0.00	\$0.00	\$0.00
4468	0027	R	Lake Park	Lake Park Harbor Marina Drainage	103 1 Feasibility Engineering	Closed	08/25/2021	09/07/2022	\$0.00	\$0.00	\$0.00	\$0.00
4468	0030	R	Riviera Beach	City of Riviera Beach IIR Stations	Generators - Regular	Approved	09/20/2021		\$278,077.50	\$17,643.79	\$299,721.29	\$92,692.90
4468	0036	R	Jupiter	Town of Jupiter WTP Server Room Code Bus Safe Room & City of West Palm Beach Police Headquarters Bldg	103 2 Feasibility Engineering	Approved	12/06/2021		\$144,896.47	\$0.00	\$144,896.47	\$611,905.00
4664	0030		West Palm Beach	City of West Palm Beach Police Headquarters Bldg	205 8 Retrofitting Public	Pending						\$4,410,000.00
4337	0110	R	South Bay	City of South Bay	205 8 Retrofitting Public	Closed	04/10/2019	02/27/2023	\$71,290.00	\$2,868.42	\$74,158.42	\$23,790.00
4337	0121	R	Boynton Beach	City of Boynton Beach Lakeside Gardens Improvements	403 1 Stormwater Management	Approved	06/13/2019		\$890,000.00	\$36,836.00	\$886,836.00	\$612,007.00
4337	0197	R	Jupiter	Town of Jupiter Municipal Complex/Police	205 8 Retrofitting Public	Closed	07/18/2019	10/06/2021	\$879,914.27	\$0.00	\$879,914.27	\$293,171.42
4337	0263	R	Greenacres	City of Greenacres Gladiolus Lake Enhancement	405 1 Other Minor Flood Control	Approved	10/13/2020		\$1,300,062.73	\$28,890.00	\$1,328,942.73	\$622,536.27
4337	0267	R	INDIAN TRAIL IMPROVEMENT	Indian Trail Improvement District East/West	403 2 Stormwater Management	Approved	09/04/2019		\$177,600.00	\$0.00	\$177,600.00	\$1,049,212.00
4337	0269	R	Wellington	Village of Wellington IIR Stations	601 2 Generators - Regular	Approved	09/25/2019		\$187,900.00	\$0.00	\$187,900.00	\$62,900.00
4337	0278	R	Palm Beach	Town of Palm Beach IIR Stations	400 1 Utility Protective Measures	Approved	09/25/2019		\$8,466,366.00	\$0.00	\$8,466,366.00	\$9,416,476.00
4337	0288	R	INDIAN TRAIL IMPROVEMENT	Indian Trail Improvement District Canal Reinforcement	403 3 Stormwater Management	Approved	09/17/2019		\$38,626.00	\$0.00	\$38,626.00	\$96,964.00
4337	0293	R	Palm Beach (County)	City of West Palm Beach WTP Administrative & E High Service Bldgs	205 8 Retrofitting Public	Closed		11/17/2021	\$0.00	\$0.00	\$0.00	\$0.00
4337	0491	R	Wellington	Village of Wellington Public Works Code Bus and Generator	103 1 Feasibility Engineering	Closed		12/06/2022	\$0.00	\$0.00	\$0.00	\$0.00
4337	0495	R	Briny Breezes	Town of Briny Breezes Portable Generators for IIR Stations (LS)	601 2 Generators - Regular	Approved	06/10/2021		\$16,023.00	\$948.45	\$16,971.45	\$5,341.00
4337	0521	R	Wellington	Village of Wellington Pump Station #2 Hardening	205 8 Retrofitting Public	Closed		02/14/2023	\$0.00	\$0.00	\$0.00	\$0.00
4337	0529	R	West Palm Beach	City of West Palm Beach WTP Admin & East High Service	205 8 Retrofitting Public	Approved	11/16/2021		\$681,375.00	\$8,728.42	\$690,103.42	\$227,125.00
4486	0064	R	Wellington	Village of Wellington Wastewater IIR Stations	Generators - Regular	Approved	11/28/2022		\$937,232.50	\$0.00	\$937,232.50	\$69,692.90
4486	0106	R	INDIAN TRAIL IMPROVEMENT	Indian Trail Improvement District Santa Rosa Groves	103 1 Feasibility Engineering	Approved	02/22/2023		\$106,312.50	\$0.00	\$106,312.50	\$88,151.80
4486	0111	R	Hypoxoo	Town of Hypoxoo Town Hall Complex	205 8 Retrofitting Public	Pending						\$23,697.60
4486	0117	R	Wellington	Village of Wellington PS#2 Stormwater System Drainage	103 1 Feasibility Engineering	Approved	03/03/2023		\$81,931.90	\$4,951.75	\$86,883.65	\$228,039.00

Annex 2: Fall 2023 Prioritized Project List (and changes)

Prioritized Project List - Palm Beach County - Fall 2023									
Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeline (Year)	Potential Funding Source	Estimated Cost
1	91.84	LMS 486071	City of Boynton Beach	Operations, Deputy Director	Lake Boynton Estates Drainage Improvements	Flood Control/Reduction and Wastewater Management	1	HMGF	\$5,000,000
2	90.84	LMS 648815	City of Boynton Beach	Operations, Deputy Director	NW 4th Street SFWMD C 76, Flood Risk Reduction/Heart of Downtown Boynton Drainage Improvements	Infrastructure (Water/Sewer/Damage)	1	HMGF	\$10,685,150
3	89.84	LMS 173874	City of Boynton Beach	Operations, Deputy Director	Chapell Hill Drainage Improvements	Infrastructure (Water/Sewer/Damage)	1	HMGF	\$5,000,000
4	88.57	LMS 808821	City of Delray Beach	Public Works, Stormwater Administrator	Marine Way Seawall Improvements	Flood Control/Reduction and Wastewater Management	2	FMA	\$2,250,000
5	88.06	LMS 763619	Village of Palm Springs	FZA, Assistant Village Manager, Public Works, Stormwater Administrator	Generators For Raw Water/Wells 12, 13 & 14	Infrastructure (Water/Sewer/Damage)	2	TBD	\$450,000
6	87.57	LMS 616388	City of Delray Beach	Public Works, Stormwater Administrator	Tropicale Roadway and Underground Utilities Improvements	Infrastructure	2	HMGF	\$6,300,000
7	87.28	LMS 206661	City of Delray Beach	Public Works, Stormwater Administrator	Thomas Street Pump Station	Flood Control/Reduction and Wastewater Management	1	HMGF	\$7,000,000
8	87.00	LMS 747983	City of Delray Beach	Public Works, Stormwater Administrator	Marine Way Roadway and Drainage Improvements	Infrastructure	1	HMGF	\$14,000,000
9	81.17	LMS 528343	City of Boynton Beach	OPA, Assistant Director	Boynton Harbor Marine Seawall Replacement	Beach/Seawall	1	PDM	\$4,500,000
10	80.00	LMS 689971	Northern Palm Beach County Improvement District	Improvement District, Director of Operations	Pump Station, Code Plus Generator/ Pump Station Emergency Power	Infrastructure (Water/Sewer/Damage)	2	HMGF or PDM	\$2,450,000
11	79.17	LMS 469285	West Palm Beach	Development Services, Management Analyst	West Palm Beach Fire Station #3 / Emergency Operations Center	Infrastructure (Building)	2	HMGF or PDM	\$1,200,000
12	78.67	LMS 448741	Northern Palm Beach County Improvement District	Improvement District, Director of Operations	Administration Building Roof, Wind Retrofit/ Administration Building and Emergency Operations Center Hardening	Community Operations/Governance	1	HMGF	\$200,000
13	78.44	LMS 488986	West Palm Beach	Development Services, Management Analyst	West Palm Beach Fire Station #1 Hurricane Hardening & Wind Retrofit	Infrastructure (Building)	2	HMGF	\$1,000,000
14	78.00	LMS 928344	West Palm Beach	Development Services, Management Analyst	West Palm Beach Fire Station #6 Hurricane Hardening and Wind Retrofit	Infrastructure (Building)	2	HMGF or PDM	\$600,000
15	77.67	LMS 519389	West Palm Beach	Development Services, Management Analyst	West Palm Beach Police Department Headquarters Building Hurricane Hardening and Wind Retrofit	Infrastructure (Building)	2	FMA	\$5,500,000
16	77.14	LMS 075294	City of Riviera Beach	Utilities District, Assistant Executive Director	North Hill Building Hurricane Hardening	Infrastructure (Water/Sewer/Damage)	1	HMGF	\$400,000
17	76.86	LMS 220415	Town of Palm Beach	Coastal Protection, Coastal Coordinator	Stormwater and Wastewater System Reallocation: D 8 Pump Station / E 1 Lift Station Elevation	Infrastructure (Water/Sewer/Damage)	1	RCMP	\$1,336,424
18	76.44	LMS 444746	City of Lake Worth Beach	Utilities, Assistant Water Utilities Director	South Palm Park Drainage Realignment Improvements	Flood Control/Reduction and Wastewater Management	1	HMGF, FMA, PDM, RRF, RRC	\$600,000
19	76.25	LMS 067871	City of Riviera Beach	Utility District, Assistant Executive Director	Water Treatment Plant Generator Improvements Project	Infrastructure (Water/Sewer/Damage)	1	HMGF	\$2,250,000
20	76.00	LMS 070978	Town of Bunnell	Administration, Town Manager	Townwide Stormwater Master Drainage Plan	Flood Control/Reduction and Wastewater Management	2	HMGF	\$1,579,000
21	75.29	LMS 651175	Town of Palm Beach	Coastal Protection, Coastal Coordinator	Wastewater System Reallocation: A 5 Lift Station Elevation	Infrastructure (Water/Sewer/Damage)	2	RCMP	\$1,044,000
22	75.17	LMS 044837	City of Boynton Beach	Operations, Deputy Director	City of Boynton Beach Green/Gray Infrastructure Plan	Flood Control/Reduction and Wastewater Management	1	TBD	\$844,500
23	74.84	LMS 644453	Village of Palm Springs	Village Manager, Assistant Village Manager	Water Treatment Plant Generator	Infrastructure (Water/Sewer/Damage)	2	HMGF	\$500,000
24	74.84	LMS 036085	City of Delray Beach	Public Works, Stormwater Administrator	Tidal Check Valve Improvements Project - Phase 2	Flood Control/Reduction and Wastewater Management	2	HMGF	\$750,000
25	74.67	LMS 828881	City of Delray Beach	Public Works, Stormwater Administrator	Seawall Improvements - NE 1st Ct, NE 2nd St, NE 5th St, Buada and Spanish Circle	Flood Control/Reduction and Wastewater Management	2	HMGF or FMA	\$1,200,000
26	74.5	LMS 452838	Village of Palm Springs	Village Manager, Assistant Village Manager	Buada Lift Station, Generator / Lift Station Emergency Power	Infrastructure (Water/Sewer/Damage)	1	HMGF	\$200,000
27	74.44	LMS 224297	City of Delray Beach	Public Works, Stormwater Administrator	Tidal Check Valve Improvements Project - Phase 4	Flood Control/Reduction and Wastewater Management	2	FMA	\$750,000
28	74.44	LMS 293294	City of Delray Beach	Public Works, Stormwater Administrator	Tidal Check Valve Improvements Project - Phase 3	Flood Control/Reduction and Wastewater Management	2	HMGF or FMA	\$750,000
29	74.44	LMS 443634	Town of Palm Beach	Coastal Protection, Coastal Coordinator	Stormwater System Reallocation: D 12 Pump Station Floodproofing	Infrastructure (Water/Sewer/Damage)	2	RCMP	\$910,000
30	74.17	LMS 601753	West Palm Beach	Development Services, Management Analyst	N. Flagler Drive Waterfront Improvements	Beach/Seawall	1	HMGF, FMA, or RCMP	\$18,000,000

Adopted by LMS Steering Committee on 10/25/2023.

Prioritized Project List - Palm Beach County - Fall 2023									
Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeframe (Years)	Potential Funding Source	Estimated Cost
11	74.17	LMS 438148	Town of South Palm Beach	Administration, Town Manager	Town Hall Hardening and Preparedness Enhancements	Infrastructure (Building)	1	HMGF, PDM, or HF	\$757,245
12	72.33	LMS 527103	West Palm Beach	Sustainability, Manager	Segment 2 S. Flagler Waterfront Improvements - North of East Condo	Beach/Seawall	1	HMGF, FMA, or RCMP	\$1,500,000
13	72.33	LMS 742079	West Palm Beach	Development Services, Management Analyst	West Palm Beach Fire Station No. 9 Hurricane Hardening and Wind Retrofit	Infrastructure (Building)	2	HMGF or PDM	\$2,000,000
14	72.29	LMS 340906	Town of Jupiter	Utilities Services, Manager	Water Treatment Plant Hardened Sewer Riser/Tanning Facility and Sewer Room	Infrastructure (Building)	1	HMGF	\$652,795
15	71.83	LMS 591558	West Palm Beach	Development Services, Management Analyst	Downtown Lakeview Ave. Waterfront Improvements	Beach/Seawall	1	HMGF, FMA, or RCMP	\$2,100,000
16	71.50	LMS 092588	West Palm Beach	Development Services, Management Analyst	Palm Harbor Marina Waterfront Improvements	Beach/Seawall	1	HMGF, FMA, or RCMP	\$950,000
17	70.33	LMS 507434	South Florida Water Management District	District Realtime, Plan Coordinator	US Corbett levee, Flood Risk Reduction (TR) / Corbett Levee Culverts	Flood Control/Reduction and Wasteway Management	1	HMGF	\$7,771,217
18	69.00	LMS 641439	City of Riviera Beach	Fire Department, Assistant Chief	Ocean Reserve Station Hardening	Mitigation	2	HMGF, EMFA, EMFG, or PDM	\$1,000,000
19	68.83	LMS 429521	Village of Wellington	Public Safety, Director	Lift Station #2 #4 Generators / Lift Station Emergency Power	Infrastructure (Waste/Sewer/Damage)	1	HMGF	\$400,000
20	68.83	LMS 719052	City of Riviera Beach	Utilities District, Assistant Executive Director	Lift Station Panel Upgrades	Infrastructure (Waste/Sewer/Damage)	3	HMGF, FMA, PDM, or Other	\$900,000
21	68.71	LMS 201591	Village of Wellington	Emergency Management & Public Safety, Director	Neighborhood Flood Control Improvements	Flood Control/Reduction and Wasteway Management	1	HMGF	\$4,052,838
22	68.50	LMS 068182	Village of Wellington	Emergency Management & Public Safety, Director	Water Treatment Plant (WTP) Utility Mitigation Generator / WTP Control Facility Emergency Power	Infrastructure (Waste/Sewer/Damage)	1	HMGF	\$450,000
23	68.43	LMS 086839	Town of Palm Beach	Coastal Protection, Coastal Coordinator	Stormwater System Realtime D-17 Pump Station Elevation	Infrastructure (Waste/Sewer/Damage)	2	RCMP	\$760,000
24	67.85	LMS 006525	City of Riviera Beach	Utilities District, Assistant Executive Director	Riviera Beach Millfield Realtime Upgrades	Infrastructure (Waste/Sewer/Damage)	2	HMGF or CDBG	\$4,200,000
25	67.83	LMS 180784	West Palm Beach	District Realtime, Plan Coordinator	Segment 2 S. Flagler Waterfront Improvements - Pushing Way to Chadbourne Ct	Beach/Seawall	1	HMGF, FMA, or RCMP	\$21,475,000
26	67.67	LMS 086947	City of Riviera Beach	Utilities District, Assistant Executive Director	Raw Water Well Panel Upgrades	Infrastructure (Waste/Sewer/Damage)	3	HMGF, PDM, or FMA	\$900,000
27	67.57	LMS 998321	Baystar Health South Florida	Director	Baystar Health South Florida Berheda Hospital East Wind Retrofit	Shutting and Wind Flooding	2	HMGF or PDM	\$6,000,000
28	67.43	LMS 626499	Town of Lantana	Town Manager	N Adams Drive Drainage Improvements	Flood Control/Reduction and Wasteway Management	2	TED	\$518,000
29	67.28	LMS 293258	Town of Lantana	Town Manager	Beach Drive/Bayfoot Ln. Drainage Improvements	Flood Control/Reduction and Wasteway Management	3	TED	\$400,000
30	67.17	LMS 508456	Village of Palm Springs	Village Manager, Assistant Village Manager	Raw Water Well Emergency Power	Infrastructure (Waste/Sewer/Damage)	2	HMGF	\$530,000
31	67.14	LMS 645026	City of Palm Beach Gardens	Engineering/Construction Department, COO	RGA WWTP Emergency Generator Upgrade Project	Infrastructure (Waste/Sewer/Damage)	3	HMGF, PDM, HF, or CFF/WDF	\$1,890,000
32	66.67	LMS 427677	City of Lake Worth Beach	Utilities, Assistant Water Utilities Director	Lake Worth Beach Utility Standby Generators	Infrastructure (Waste/Sewer/Damage)	1	HMGF	\$750,000
33	66.67	LMS 210734	City of Riviera Beach	Fire Department, Assistant Chief	Fire Station No. 29 Hurricane Hardening	Shutting and Wind Flooding	3	TED	\$1,346,100
34	66.67	LMS 252086	Village of Royal Palm Beach	Engineering, Project Engineer	Canal Bank Tree Removal	Flood Control/Reduction and Wasteway Management	1	TED	\$200,000
35	66.33	LMS 049082	Village of Wellington	Engineering/Construction Department, COO	PSO Substation, Wind Retrofit / PSO Substation Hardening	Infrastructure (Building)	2	HMGF or PDM	\$2,140,905
36	66.00	LMS 997272	City of Palm Beach Gardens	Engineering/Construction Department, COO	Lift Station 21 Hardening and Realtime Improvements Project	Infrastructure (Waste/Sewer/Damage)	2	HMGF, PDM, HF, or CFF/WDF	\$630,000
37	65.83	LMS 497863	City of Delray Beach	Public Works, Stormwater Administrator	Standby Lakeview Stormwater Pipe Improvements	Flood Control/Reduction and Wasteway Management	2	HMGF, FMA, or CDBG	\$500,000
38	65.14	LMS 524174	Town of Lantana	Town Manager	S. La Borda Place Drainage Improvements	Infrastructure (Waste/Sewer/Damage)	5	TED	\$250,000
39	64.33	LMS 316303	City of Palm Beach Gardens	Engineering/Construction Department, COO	Lift Station Teleenergy Improvements Project	Mechanical Maintenance/Improvement	3	HMGF, PDM, HF, or CFF/WDF	\$4,851,000
40	64.17	LMS 056389	South Florida Water Management District	District Realtime, Plan Coordinator	IW Corbett Wildlife Management Area Hydrologic Restoration and Levee Realtime	Flood Control/Reduction and Wasteway Management	1	TED	\$2,000,000

Adopted by LMS Steering Committee on 10/25/2023.

Prioritized Project List - Palm Beach County - Fall 2023									
Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeframe (Years)	Potential Funding Source	Estimated Cost
61	64.17	LMS 166124	Town of Lantana	Town Manager	Operations Center - Roof Replacement	Community of Operations/Government	2	TBD	\$100,000
62	64.00	LMS 968153	City of Lake Worth Beach	Utilities, Assessor/Water Utilities Director	Raw Water - Well #1 Emergency Generator	Infrastructure (Water/Sewer/Damage)	2	HMGF	\$500,000
63	63.85	LMS 479883	City of Palm Beach Gardens	Engineering/Construction Department, COO	Lift Station #5 Hardening and Resiliency Improvements	Infrastructure (Water/Sewer/Damage)	2	HMGF, FDM, HFC, or CFF/WDF	\$630,000
64	63.83	LMS 137646	Town of Lantana	Town Manager	N. Lake Drive Drainage Improvements	Flood Control/Reduction and Waste-way Management	2	TBD	\$400,000
65	63.33	LMS 478886	City of Riviera Beach	Utilities District, Assessor/Executive Director	#1 Dry Can Lift Station Replacements	Infrastructure (Water/Sewer/Damage)	2	HMGF, FMA, or TBD	\$2,969,400
66	63.00	LMS 077914	Village of Tequesta	Public Works, Director	Public Safety Building Emergency Generator	Community of Operations/Government	1	HMGF	\$525,000
67	62.86	LMS 261577	Town of Juno Beach	Risk Management/Project Coordinator	Juno Ocean Wall Drainage Project	Mitigation	1	HMGF	\$70,000
68	62.33	LMS 268466	Village of Palm Springs	Village Manager, Assessor/Village Manager	Lower Dr. Flood Protection	Infrastructure (Water/Sewer/Damage)	2	HMGF	\$1,004,841
69	62.71	LMS 788074	Town of Lantana	Town Manager	Buddy Path outfall Improvements	Infrastructure (Water/Sewer/Damage)	2	TBD	\$250,000
70	61.67	LMS 397259	City of Riviera Beach	Executive Director	Comprehensive Lift Station Rehabilitation	Infrastructure (Water/Sewer/Damage)	2	HMGF	\$6,400,000
71	61.30	LMS 122805	City of Palm Beach Gardens	Department, COO	Lift Station 1 Hardening and Resiliency Improvements Project	Infrastructure (Water/Sewer/Damage)	2	HMGF, FDM, HFC, or CFF/WDF	\$756,000
72	60.57	LMS 413066	Palm Beach Gardens Regional Utility	Engineering/Construction Department, COO	Lift Station 2 Hardening and Resiliency Improvements Project	Infrastructure (Water/Sewer/Damage)	2	HMGF, FDM, HFC, or CFF/WDF	\$756,000
73	60.17	LMS 853051	Town of Bony Breches	Town Manager	Town-wide Coastal Protection & Stormwater Adaptation Project	Flood Control/Reduction and Waste-way Management	2	TBD	\$4,444,718
74	60.17	LMS 378014	West Palm Beach	Public Works, Director	Public Works Operations Building Hardening	Mitigation	2	HMGF	\$2,265,950
75	60.17	LMS 076355	West Palm Beach	Sustainability, Manager	Segment #3 - Flagler Dr. Waterfront Improvements - Rustlyn to Greenwood Dr.	Beach/Seawall	1	HMGF, FMA, or RCMP	\$2,500,000
76	59.50	LMS 331532	West Palm Beach	Sustainability, Manager	Segment #1 - Flagler Waterfront Improvements - Moncaux/Avila to Rushing Way	Beach/Seawall	1	HMGF, FMA, or RCMP	\$7,125,000
77	59.33	LMS 703317	Town of Juno Beach	Risk Management/Project Coordinator	Emergency Generator Replacement	Infrastructure (Building)	2	TBD	\$200,000
78	59.17	LMS 445434	West Palm Beach	Sustainability, Manager	Segment #6 - Flagler Waterfront Improvements - Linda Lane to Rustlyn Dr.	Beach/Seawall	1	HMGF, FMA, or RCMP	\$2,500,000
79	59.00	LMS 298956	Town of South Palm Beach	Administration, Town Manager	Water - Lift Station Hardening	Infrastructure (Water/Sewer/Damage)	2	HMGF, FMA, or PDM	\$912,000
80	59.00	LMS 398292	Town of Palm Beach	Coastal Protection, Coastal Coordinator	Palm Beach Utility Undergrounding Phase 8	Infrastructure	2	HMGF	\$2,000,000
81	58.83	LMS 134254	Village of Wellington	Emergency Management & Public Safety, Director	Water Treatment Plant Emergency Power	Mitigation	1	HMGF	\$2,500,000
82	58.50	LMS 925187	West Palm Beach	Sustainability, Manager	Segment #4 - Flagler Waterfront Improvements - Sunna Street to Linda Lane	Beach/Seawall	1	HMGF or FMA	\$25,000,000
83	55.67	LMS 229552	Village of Tequesta	Public Works, Director	Village Hall Emergency Generator	Community of Operations/Government	1	HMGF	\$450,000
84	55.33	LMS 765557	Northern Palm Beach County Improvement District	Improvement District, Director of Operations	Unit 5 Stormwater	Infrastructure (Water/Sewer/Damage)	1	HMGF or PDM	\$2,840,000
85	55.00	LMS 881478	City of Lake Worth Beach	Utilities, Assessor/Water Utilities Director	Lift Station No. 3 Emergency Generator	Infrastructure (Water/Sewer/Damage)	2	HMGF	\$300,000
86	52.00	LMS 868474	City of Riviera Beach	Public Works, City Engineer	6th and 7th Street and Avenue N Stormwater	Infrastructure (Water/Sewer/Damage)	2	HMGF, FMA, PDM, CFF, or TBD	\$4,227,096
87	52.14	LMS 551924	Town of Palm Beach	Coastal Protection, Coastal Coordinator	Coastal Flood Vulnerability Assessment Update and Priority Planning	Planning	1	RCMP	\$210,000
88	52.00	LMS 841542	West Palm Beach	Public Works, Director	Public Works Complex Buildings Hardening	Mitigation	2	HMGF, PDM, or PM&EDF	\$9,136,388
89	51.86	LMS 009925	City of Delray Beach	Public Works, Stormwater Administrator	Standby Generator for Critical Facilities	Community of Operations/Government	1	HMGF, FMA, or CDBG	\$300,000
90	51.57	LMS 672129	Indian Trail Improvement District	Operations & Maintenance Department/Chief Construction	Coastal levee	Flood Control/Reduction and Waste-way Management	1	HMGF or PDM	\$5,700,000

Adopted by LMS Steering Committee on 10/25/2023.

Prioritized Project List - Palm Beach County - Fall 2023									
Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeliness (Years)	Potential Funding Source	Estimated Cost
91	51.34	LMS 228454	Village of Tequesta	Rubic Works, Director	Public Safety Building Wind Mitigation	Infrastructure (Building)	2	HMGF	\$1,455,000
92	51.34	LMS 654053	Village of Tequesta	Rubic Works, Director	Village Hall Wind Mitigation	Infrastructure (Building)	2	HMGF	\$675,000
93	51.34	LMS 397389	Northern Palm Beach County Improvement District	Improvement District, Director of Operations	Inter. 20' Trench Lanes	Flood Control/Reduction and Wasteway Management	1	HMGF or PDM	\$1,620,000
94	38.84	LMS 309833	City of Lake Worth Beach	Utilities, Assistant Water Utilities Director	Lift Station #11 Emergency Generator	Infrastructure (Waste/Sewer/Damage)	2	HMGF	\$300,000
95	38.84	LMS 646211	City of Lake Worth Beach	Utilities, Assistant Water Utilities Director	Lift Station #15 Emergency Generator	Infrastructure (Waste/Sewer/Damage)	2	HMGF	\$300,000
96	38.57	LMS 090743	Village of Royal Palm Beach	Engineering, Project Engineer	La Mancha Underside	Infrastructure (Waste/Sewer/Damage)	1	HMGF	\$1,922,000
97	48.86	LMS 067687	Town of South Palm Beach	Administration, Town Manager Operations & Maintenance Department/Chief Construction Officer	Powerline Undergrounding Project	Mitigation	2	HMGF, PDM, or CFFWDP	\$2,125,000
98	48.17	LMS 326031	Indian Trail Improvement District	Department/Chief Construction Officer	48th Street Damage	Infrastructure (Waste/Sewer/Damage)	2	HMGF	\$3,000,000
99	47.59	LMS 834112	Village of Wellington	Emergency Management & Public Safety, Director	Pump Station #5	Infrastructure (Waste/Sewer/Damage)	2	HMGF	\$2,400,000
100	47.00	LMS 617223	Village of Wellington	Emergency Management & Public Safety, Director	Lift Station Emergency Power Phase II	Infrastructure (Waste/Sewer/Damage)	1	HMGF or PDM	\$790,000
101	45.67	LMS 831926	City of Riviera Beach	Fire Department, Assistant Chief Village Manager, Assistant Village Manager	Fire Station No.86 Hurricane Hardening	Structuring and Wind Proofing	2	TED	\$300,000
102	45.14	LMS 030177	Village of Palm Springs	Utilities District, Assistant Executive Director	Police Department Hardening	Infrastructure (Building)	1	HMGF or PDM	\$1,363,044
103	41.86	LMS 857722	City of Riviera Beach	Executive Director	South Chemical Building Hardening	Infrastructure (Building)	1	TED	\$75,000
104	41.84	LMS 323925	Village of Tequesta	Rubic Works, Director	Tequesta Drive Bridge Improvements Project	Infrastructure (Roadway)	2	HMGF	\$520,000
105	40.14	LMS 813848	Village of Wellington	Emergency Management & Public Safety, Director	Wellington Community Center Hardening	Infrastructure (Building)	1	HMGF or PDM	\$539,522
106	39.14	LMS 875296	Indian Trail Improvement District	Operations & Maintenance Department/Chief Construction Officer	Santa Rosa Groves Pump Station	Infrastructure (Waste/Sewer/Damage)	2	HMGF or PDM	\$739,529
107	38.71	LMS 724894	Indian Trail Improvement District	Operations & Maintenance Department/Chief Construction Officer	M 2 Undergrounding	Infrastructure (Waste/Sewer/Damage)	1	HMGF	\$205,126
108	38.84	LMS 852572	Indian Trail Improvement District	Operations & Maintenance Department/Chief Construction Officer	M 1 Lowered Siphon	Infrastructure (Waste/Sewer/Damage)	1	HMGF or PDM	\$1,751,400
109	31.00	LMS 148549	Village of Wellington	Emergency Management & Public Safety, Director	South Shore/Pearson Rd. Improvements	Infrastructure (Roadway)	2	PDM	\$2,520,000

Total Estimated Cost

\$385,096,665

Projects shaded in green were added Fall 2023.

Total Estimated Cost Compared to Previous PPL

-\$1,690,618

Adopted by LMS Steering Committee on 10/25/2023.



Palm Beach County Prioritized Project List Changes - Fall 2023

Projects Added

Score	Project Number	Agency/Organization	Project Title	Project Type	Estimated Cost	
75.17	LMS-034837	City of Boynton Beach	City of Boynton Beach Gree/Gray Infrastructure Plan	Management	\$824,500	
66.67	LMS-427677	City of Lake Worth Beach	Lake Worth Beach Utility Standby Generators	Infrastructure (Water/Sewer/Drainage)	\$750,000	
64.00	LMS-968153	City of Lake Worth Beach	Raw Water Well F-3 Emergency Generator	Infrastructure (Water/Sewer/Drainage)	\$500,000	
63.00	LMS-077914	Village of Tequesta	Public Safety Building Emergency Generator	Continuity of Operations/Government	\$535,000	
60.17	LMS-853051	Town of Briny Breezes	Town-wide Coastal Protection & Stormwater Adaptation Project	Flood Control/Reduction and Waterway Management	\$14,444,718	
55.67	LMS-229552	Village of Tequesta	Village Hall Emergency Generator	Continuity of Operations/Government	\$450,000	
55.00	LMS-881478	City of Lake Worth Beach	Life Station No. 5 Emergency Generator	Infrastructure (Water/Sewer/Drainage)	\$500,000	
51.33	LMS-228454	Village of Tequesta	Public Safety Building Wind Mitigation	Infrastructure (Building)	\$1,455,000	
51.33	LMS-654053	Village of Tequesta	Village Hall Wind Mitigation	Infrastructure (Building)	\$675,000	
50.83	LMS-309833	City of Lake Worth Beach	Lift Station #11 Emergency Generator	Infrastructure (Water/Sewer/Drainage)	\$500,000	
50.83	LMS-646211	City of Lake Worth Beach	Lift Station #15 Emergency Generator	Infrastructure (Water/Sewer/Drainage)	\$500,000	
41.83	LMS-323925	Village of Tequesta	Tequesta Drive Bridge Improvements Project	Infrastructure (Roadway)	\$520,000	
Total Value of Projects Submitted for scoring					\$21,654,218	

PROJECTS REMOVED

Score	Project Number	Agency/Organization	Project Title	Project Type	Estimated Cost	
67.43	LMS-622298	Village of Royal Palm Beach	Bridge Slope Stabilization and Canal Dredging, Phase II	Management	\$2,600,000	EXPIRED
57.14	LMS-900137	City of Palm Beach Gardens	City Hall, Police, Fire Station Wind Retrofit	Shuttering and Wind Proofing	\$600,000	EXPIRED
47.00	LMS-002675	Town of Hypoluxo	Town Hall Hardening	Shuttering and Wind Proofing	\$450,000	EXPIRED
41.57	LMS-675494	Palm Beach County	PBC FDO OSC Full Building Power Generator	Continuity of Operations/Government	\$1,400,000	Funded by bond issuance
36.29	LMS-928468	Indian Trail Improvement District	Outfall Canal Control Structure	Flood Control/Reduction and Waterway Management	\$400,000	EXPIRED
60.00	LMS-672084	South Florida Water Management District	District Resiliency, Plan Coordinator	Corbet Levee	\$8,800,000	Duplicate Project
Total Value of Projects Removed					\$14,250,000	

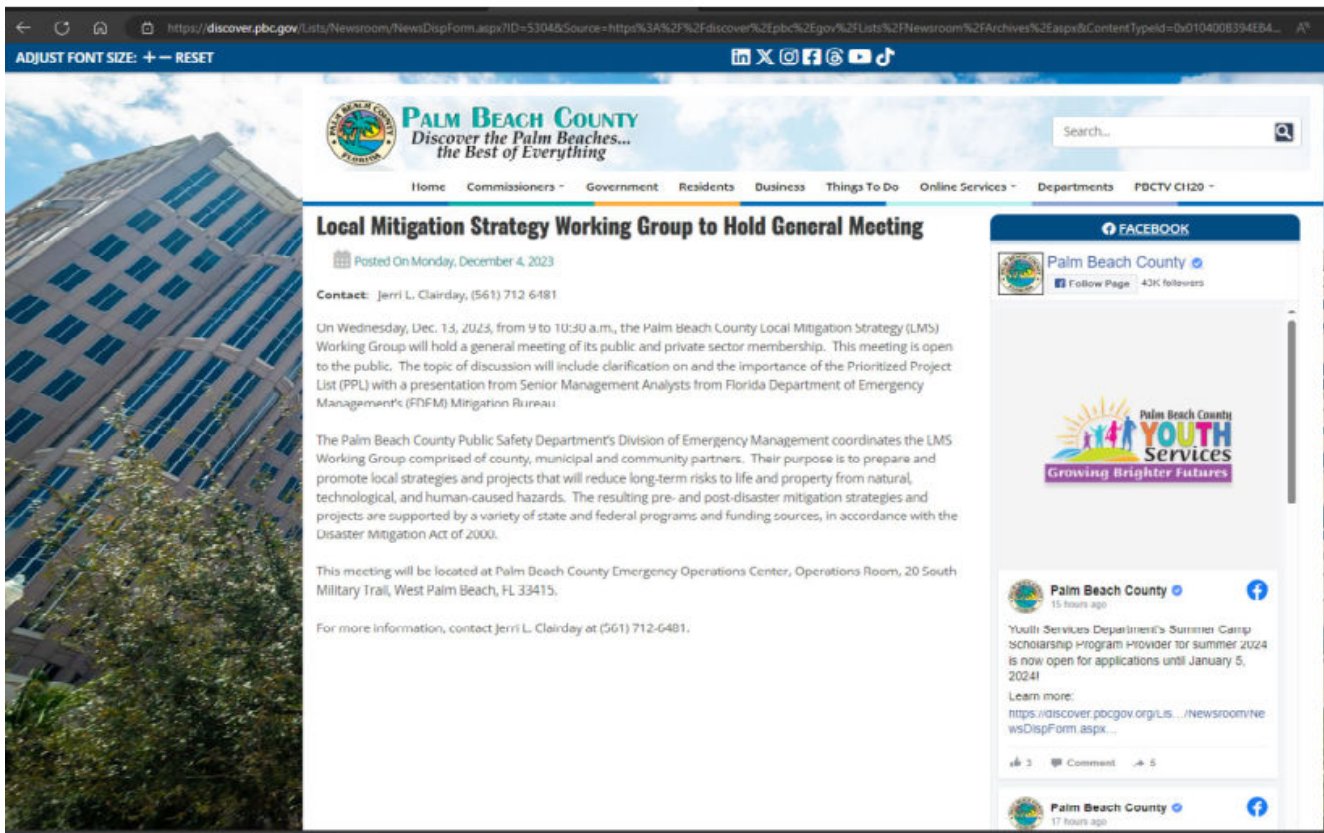
PROJECTS COMPLETED

Score	Project Number	Agency/Organization	Project Title	Project Type	Estimated Cost	
88	LMS-062731	Town of Palm Beach Shores	Palm Beach Shores Underground Utilities Project	Infrastructure	\$774,920	Project completed - self-funded
Total Value of Projects Completed					\$774,920	

PROJECTS INITIATED						
Score	Project Number	Agency/Organization	Project Title	Project Type	Estimated Cost	
73.17	LMS-389398	Village of North Palm Beach	EOC Generator / EOC Emergency Power	Continuity of Operations/Government	\$800,000	
73	LMS-242928	Village of Palm Springs	Davis Road North Basin Stormwater Improvements	Infrastructure (Water/Sewer/Drainage)	\$976,752	Self-funded
36.29	LMS-928468	Indian Trail Improvement District	Outfall Canal Control Structure	Flood Control/Reduction and Waterway Management	\$400,000	HMGP / Florida Resilient Grant Match
					Total Value of Projects Completd	\$2,176,752
					Grand Total Value of Projects Completd/Initiated/Removed	\$17,201,672
SUMMARY						
Project(s) Completed				1		
Project(s) Initiated				3		
Project(s) Removed				6		
Projects Submitted for Scoring				12		
New Projects on the PPL				12		
Increase in Number of Projects on PPL				2		
Increase in Cost of All Projects on PPL				\$4,452,546.00		

Annex 3: Media Release example for LMS Meetings

LMS Working Group Meeting: Media Release Distributed on December 4, 2023.



We have provided copies of this report to our governing body and local media. The governing board for the CRS is the LMS Steering Committee. A copy of this progress report has been posted to the homepage of the Palm Beach County Division of Emergency Management website for public review. A media release announcing the report and its posted has been executed.