TOWN OF PALM BEACH

Information for Town Council Meeting on: September 10, 2024

To: Mayor and Town Council

Via: Kirk W. Blouin, Town Manager

From: Wayne Bergman, Director of Planning, Zoning & Building

Re: Adoption of the Revised 2024 Palm Beach County Local Mitigation Strategy Plan

Resolution No. 107-2024

Date: August 26, 2024

STAFF RECOMMENDATION

Staff recommends that Town Council approve Resolution No. 107-2024, approving and adopting the revised 2024 Palm Beach County Local Mitigation Strategy (LMS) Plan.

GENERAL INFORMATION

The approval and adoption of Resolution No. 107-2024 is required by the Federal Emergency Management Agency (FEMA) for the Town to be in compliance with federal guidelines introduced in response to the Disaster Mitigation Act of 2000. As described in the LMS Plan, adoption of the plan is required for Palm Beach County and participating municipalities, including the Town of Palm Beach, to be eligible to apply for and receive pre-disaster and post-disaster federal funding for mitigation purposes.

It is important to note it was through the LMS process that the Town applied for and ultimately received nearly \$8.5 million in HMGP grant funding for the Town-wide undergrounding project. We were eligible to apply because we were in full compliance with the requirements of participation in the County's LMS program.

A full copy of the LMS Plan can be viewed in the Town Manager's Office or viewed online via this link:

https://discover.pbcgov.org/publicsafety/dem/Sections/Planning-Local-Mitigation-Strategy.aspx

TOWN ATTORNEY REVIEW

This resolution is in a form previously approved by the Town Attorney for legal form and sufficiency.

cc: Carolyn Stone, Dep. Town Manager
Bob Miracle, Dep. Town Manager
All Department Directors
James Murphy, Assistant Director of Planning, Zoning and Building
Karen Temme, Risk Manager
Lori Lehr, Lori Lehr, Inc., CRS Consultant
David Arkens, CFM, Sr. CRS Specialist, ISO, Community Hazard Mitigation

RESOLUTION NO. 107-2024

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF PALM BEACH, PALM BEACH COUNTY, FLORIDA, APPROVING AND ADOPTING THE 2024 REVISED PALM BEACH COUNTY LOCAL MITIGATION STRATEGY PLAN; PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

* * * * * *

WHEREAS, Palm Beach County is susceptible to a variety of natural, technological, and humancaused disasters, including but not limited to, severe weather, hazardous materials incidents, nuclear power plant emergencies, communicable diseases, and domestic security incidents as well as climate change impacts and sea level rise that causes increased inundation, shoreline erosion, flooding from severe weather events, accelerated saltwater contamination of ground water and surface water supplies, and expedited loss of critical habitats; and

WHEREAS, the Disaster Mitigation Act of 2000, was enacted to establish a national. disaster hazard mitigation program to reduce the loss of life and property, human suffering, economic disruption, and disaster assistance costs resulting from disasters, and to assist state, local, and tribal governments in implementing effective hazard mitigation measures to ensure the continuation of critical services and facilities after a natural disaster; and

WHEREAS, the Disaster Mitigation Act of 2000, as a condition for qualifying for and receiving future Federal mitigation assistance funding as well as reimbursement for Presidentially Declared Disasters, requires such governments to have Federal Emergency Management Agency approved hazard mitigation plans in place that identify the hazards that could impact their jurisdictions, identify actions and activities to mitigate the effects of those hazards, and establish a coordinated process to implement plans; and

WHEREAS, Palm Beach County's Local Mitigation Strategy (LMS), in coordination with governmental and non-governmental stakeholders having an interest in reducing the impact of disasters, and with input from the private sector and other members of the public, developed and revised the Palm Beach County Local Mitigation Strategy; and

WHEREAS, the 2024 revised Local Mitigation Strategy has been approved by the Florida Division of Emergency Management and the Federal Emergency Management Agency subject to adoption by the County Board of County Commissioners; and

WHEREAS, the LMS Steering Committee recommends the formal adoption of the 2024 Revised Local Mitigation Strategy, including planned future enhancements described therein, by the County and all 39 participating municipalities.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF PALM BEACH TOWN, FLORIDA, THAT:

Section 1. The foregoing "Whereas" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof.

- Section 2. The Town Council of the Town of Palm Beach hereby approves and adopts the 2024 Revised Local Mitigation Strategy Plan (attached hereto as Exhibit A) in its entirety, as revised by the LMS Steering Committee as submitted to the Palm Beach County Board of County Commissioners, the Florida Division of Emergency Management and the Federal Emergency Management Agency.
- Section 3. The Town Council of the Town of Palm Beach authorizes the appropriate (City, Town, Village, Board) Officials to pursue available funding opportunities for implementation of proposed mitigation initiatives described in the Local Mitigation Strategy, and upon receipt of such funding or other necessary resources, seek to implement the actions in accordance with the mitigation strategies set out by the Local Mitigation Strategy.
- Section 4. The Town Council of the Town of Palm Beach will continue to support and participate in the Local Mitigation Strategy planning and implementation process as required by Federal Emergency Management agency, the Florida Division of Emergency Management, and the Palm Beach County Local Mitigation Strategy Steering Committee.
- Section 5. The Town Council of the Town of Palm Beach will consider incorporating climate change concerns, sea level rise and natural hazards into the local comprehensive plan and into future reviews of flood prevention regulations and zoning codes.
- Section 6. The Town Council of the Town of Palm Beach directs the Clerk to transmit an original of the executed Resolution to the Palm Beach County Division of Emergency Management, attention Local Mitigation Strategy Coordinator, for filing in the Office of the Clerk & Comptroller.

Section 7. This Resolution shall become effective immediately upon passage.

PASSED AND ADOPTED in a regular, adjourned session of the Town Council of the Town of Palm Beach assembled this 10th day of September, 2024.

Danielle H. Moore, Mayor	Bobbie D. Lindsay, Town Council President		
	Lewis S.W. Crampton, Council President Pro Tem		
ATTEST:	Julie Araskog, Town Council Member		
	Edward A. Cooney, Town Council Member		
Kelly Churney, Acting Town Clerk	Bridget Moran, Town Council Member		



TOWN OF PALM BEACH

Planning, Zoning & Building Department FLOOD HAZARD INFORMATION

Town of Palm Beach 2023 Annual LMS Progress Report

Palm Beach County 2020 Local Mitigation Strategy Adoption

The Revised Palm Beach County Local Mitigation Strategy Plan (LMS) was adopted on December 10th, 2019, by unanimous vote by the Town Council of the Town of Palm Beach. The plan was submitted for a score and inclusion in the CRS verification process in 2019. The CRS program requires that the plan be updated, at a minimum on a 5-year basis based on the date of adoption of the plan. An updated plan will be due on December 10, 2024. The LMS update has been submitted to FDEP for review. The Draft LMS can be viewed by here: https://discover.pbcgov.org/publicsafety/dem/Sections/Planning-Local-Mitigation-Strategy.aspx

Report Preparation and Distribution

The progress report was prepared by Lori Lehr in coordination with Wayne Bergman, CRS Coordinator for the Town of Palm Beach. A copy of the 2020 Local Mitigation Strategy and be obtained by going the Palm Beach County website: https://discover.pbcgov.org/publicsafety/dem/Business/Unified-Local-Mitigation-Strategy.aspx. The Annual Report will be published on the Town's Flood Information Insurance page on the Town's website: https://www.townofpalmbeach.com/292/Flood-Information

Description and Implementation of Action Items

The LMS Working Group meets typically meets four times per year. In 2023, the Group met in June, September, December and met again in early March of 2024. In 2023, the LMS Steering Committee met in February, May, August and October to review and rank projects submitted to the LMS Working group for inclusion in the LMS. Each year, the LMS provides two (2) opportunities to submit projects for the LMS. The LMS Steering Committee, on the recommendation of the LMS Evaluation Panel, approves a single, ranked, prioritized project list, which is one of the ultimate goals of the LMS effort. A copy of the Spring 2024 Ranked Project list for all LMS participating communities is attached to this report as Attachment 1.

Attachment 1



Public Safety Department



Division Of Emergency Management

in Cooperation with the LMS Steering Committee



Spring 2024 Prioritized Project List (PPL)





Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeframe (Years)	Funding Source	Estimated Cost
				Public Works, Stormwater		Flood Control/Reduction and Waterway			
26	74.83	LMS-036085	City of Delray Beach	Administrator	Tidal Check Valve Improvement Project - Phase 2	Management	2	HMGP	\$750,000
34				Public Works, Stormwater	Seawall Improvements - NE 1st Ct., NE 2nd St., NE 5th St.,	Flood Control/Reduction and Waterway		HMGP or	The state of
27	74.67	LMS-828881	City of Delray Beach	Administrator Administration, Town	Bucida and Spanish Circle	Management	2	FMA	\$1,200,000
28	74.57	LMS-358148	Town of South Palm Beach	Manager	Town Hall Hardening and Preparedness Enhancements	Information (B. 3 din a)		HMGP, PDM,	
20	14.31	LIVI3-330140	Town of South Fairt Beach	Coastal Protection, Coastal	Stormwater System Resilience: D-12 Pump Station	Infrastructure (Building)	1	or HP	\$757,245
29	74.57	LMS-445634	Town of Palm Beach	Coordinator	Floodproofing	Infrastructure (Water/Sewer/Drainage)	2	FCMP	\$910,000
7		310160 1106 65 1		Village Manager, Assistant		amaga detare (Frace) series series amage)		TCIVII	\$310,000
30	74.5	LMS-453818	Village of Palm Springs	Village Manager	Kudza Lift Station, Generator / Lift Station Emergency Power	Infrastructure (Water/Sewer/Drainage)	100	HMGP	\$200,000
Tube 1		The state of the s		Public Works, Stormwater	the factor of the second second second second	Flood Control/Reduction and Waterway		HMGP or	
31	74.33	LMS-224397	City of Delray Beach	Administrator	Tidal Check Valve Improvement Project - Phase 4	Management	2	FMA	\$750,000
	-27.25		Land Value Carrier 1	Public Works, Stormwater		Flood Control/Reduction and Waterway		HMGP or	
32	74.33	LMS-293394	City of Delray Beach	Administrator Development Services,	Tidal Check Valve Improvement Project - Phase 3	Management	2	FMA HMGP, FMA,	\$750,000
33	74.17	LMS-601753	West Palm Beach	Management Analyst	N. Flagler Drive Waterfront Improvements	Beach/Seawall		Commence of Commence of	*** *** ***
22	74.17	LIVI3-001753	West Fairi Beach	Management Analyst	Segment #3 - S. Flagler Waterfront Improvements - North of	beach/Seawall	1	or FCMP HMGP, FMA,	\$18,800,000
35	72.3333	LMS-527103	West Palm Beach	Sustainability Manager	Bristol Condo	Beach/Seawall	1	or FCMP	\$1,500,000
				Development Services,	West Palm Beach Fire Station No. 9 Hurricane Hardening and	The state of the s		HMGP or	\$1,500,000
36	72.3333	LMS-742079	West Palm Beach	Management Analyst	Wind Retrofit	Infrastructure (Building)	2	PDM	\$2,000,000
	170002	U. S. Cr. 1115		Project Coordinator/Risk		A CONTRACTOR OF THE CONTRACTOR			Y
34	72.3333	LMS-814447	Juno Beach	Manager	Celestial Way Drainage Improvements	Mitigation	1	Other	\$252,000
	77.70			10000000	Water Treatment Plant Hardened Server Rm/Training Facility	A CONTRACTOR IN CONTRACTOR		TW. 65	
37	72.29	LMS-340906	Town of Jupiter	Utilities Services, Manager Development Services,	and Server Room	Infrastructure (Building)	1	HMGP, FMA,	\$652,795
38	71.83	LMS-591558	West Palm Beach	Management Analyst	Downtown Lakeview Ave Waterfront Improvements	Beach/Seawall	1	or FCMP	£2.100.000
30	71.05	E1413 331330	West Faint Beach	Development Services,	Downtown Lakeview Ave Waternont Improvements	Deactly Seawaii	-1	HMGP, FMA,	\$2,100,000
39	71.50	LMS-093588	West Palm Beach	Management Analyst	Palm Harbor Marina Waterfront Improvements	Beach/Seawall	1	or FCMP	\$950,000
			South Florida Water	District Resiliency, Plan	L8 Corbett Levee, Flood Risk Reduction (TB) / Corbett Levee	Flood Control/Reduction and Waterway			4550,000
40	70.33	LMS-507434	Management District	Coordinator	Culverts	Management	1	HMGP	\$17,771,27
	19.2	1.3000.2		Fire Department, Assistant	District the many of the second state of the s			HMGP, EMPA,	100000
41	69	LMS-641439	City of Riviera Beach	Chief Emergency Management &	Ocean Rescue Station Hardening	Mitigation	2	EMPG, or	\$1,000,000
42	68.83	LMS-429521	NORTH THE STATE OF	Public Safety, Director	Lift Stations #2 #4, Generators / Lift Station Emergency Power				*******
42	66.65	LIVIS-429521	Village of Wellington	Utilities District, Assistant	Lift Stations #2 #4, Generators / Lift Station Emergency Power	Infrastructure (Water/Sewer/Drainage)	1	HMGP, FMA,	\$400,000
43	68.83	LMS-719052	City of Riviera Beach	Executive Director	Lift Station Panel Upgrades	Infrastructure (Water/Sewer/Drainage)	3	PDM, or Other	\$900,000
,,,	00.00			Emergency Management &	The state of the s	Flood Control/Reduction and Waterway		1 Divi, or other	\$300,000
44	68.71	LMS-201591	Village of Wellington	Public Safety, Director	Neighborhood Flood Control Improvements	Management	1	HMGP	\$3,052,83
	77.5	1672407		Emergency Management &	Water Treatment Plant (WTP) Utility Mitigation-Generator /				7.1/2.2/2
45	68.50	LMS-068182	Village of Wellington	Public Safety, Director	WTP Control Facility Emergency Power	Infrastructure (Water/Sewer/Drainage)	1	HMGP	\$450,00
12	100		100	Coastal Protection, Coastal		A second of the second of the second of	N Comment	Treatment I	
46	68.43	LMS-086839	Town of Palm Beach	Coordinator Utilities District, Assistant	Stormwater System Resilience: D-17 Pump Station Elevation	Infrastructure (Water/Sewer/Drainage)	2	FCMP	\$760,00
47	67.85	LMS-006525	City of Riviera Beach	Executive Director	Riviera Beach Wellfield Resiliency Upgrades	Information Office (Co., 10)		HMGP or	*****
41	67.65	LIVIS-006525	City of Riviera Beach	District Resiliency, Plan	Segment #2 - S. Flagler Waterfront Improvements – Pershing	Infrastructure (Water/Sewer/Drainage)	2	CDBG HMGP, FMA,	\$4,200,00
48	67.83	LMS-180784	West Palm Beach	Coordinator	Way to Chadbourne Ct	Beach/Seawall	1	or FCMP	\$21,475,00
	5.100		11331.331.33231	Utilities District, Assistant	200		-	HMGP, PDM,	\$£1,473,00
49	67.67	LMS-086947	City of Riviera Beach	Executive Director	Raw Water Well Panel Upgrades	Infrastructure (Water/Sewer/Drainage)	3	or FMA	\$900,00
	10002	LV COL		Construction Management,	Baptist Health South Florida - Bethesda Hospital East Wind			HMGP or	12.5466
50	67.57	LMS-998321	Baptist Health South Florida	Director	Retrofit	Shuttering and Wind Proofing	2	PDM	\$6,000,00

Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeframe (Years)	Funding Source	Estimated Cost
Total I		0.0000000		Utilities District, Assistant					
76	61.71	LMS-397259	City of Riviera Beach Palm Beach Gardens	Executive Director Engineering/Construction	Comprehensive Lift Station Rehabilitation	Infrastructure (Water/Sewer/Drainage)	2	HMGP	\$4,400,000
77	61.71	LMS-122805	Regional Utility	Department, COO	Lift Station 1 Hardening and Resiliency Improvements Project	Infrastructure (Water/Sewer/Drainage)	2	HMGP, PDM, HC, or	\$756,000
78	60.71	LMS-788074	Town of Lantana	Town Manager	Euclid Path outfall improvements	Infrastructure (Water/Sewer/Drainage)	2	TBD	\$250,000
79	60.57	LMS-413066	Palm Beach Gardens Regional Utility	Engineering/Construction Department, COO	Lift Station 2 Hardening and Resiliency Improvements Project Town-wide Coastal Protection & Stormwater Adaptation	Infrastructure (Water/Sewer/Drainage)	2	HMGP, PDM, HC, or	\$756,000
80	60.29	LMS-853051	Town of Briny Breezes	Town Manager	Project	Flood Control/Reduction and Waterway Management	3	TBD	\$14.444.710
120.7	1207	Marie		TOWN CASE IN	Segment #5 - S. Flagler Dr Waterfront Improvements - Russlyn		,	HMGP, FMA,	\$14,444,718
81	60.17	LMS-076355	West Palm Beach	Sustainability Manager	to Greenwood Dr	Beach/Seawall	1	or FCMP	\$21,500,000
82	60.17	LMS-378014	West Palm Beach	Public Works, Director	Public Works Operations Building Hardening	Mitigation	2	HMGP	\$2,365,950
83	59.83	LMS-977346	West Palm Beach	Public Works, Director	Tidal Valves Adaptation Segment #1 - S. Flagler Waterfront Improvements -	Mitigation	3	HMGP HMGP, FMA,	\$1,500,000
84	59.5	LMS-331532	West Palm Beach	Sustainability, Manager	Monceaux/Avila to Pershing Way	Beach/Seawall	1	or FCMP	\$7,125,000
85	59.33	LMS-703317	Town of Juno Beach	Risk Management/ Project Coordinator	Emergency Generator Replacement Segment #6 - S. Flagler Waterfront Improvements - Linda Lane	Infrastructure (Building)	3	TBD	\$200,000
86	59.17	LMS-445434	West Palm Beach	Sustainability Manager Administration, Town	to Russlyn Dr	Beach/Seawall	1	or FCMP HMGP, FMA,	\$12,000,000
87	59	LMS-298956	Town of South Palm Beach	Manager	Master Lift Station Hardening	Infrastructure (Water/Sewer/Drainage)	2	or PDM	\$912,000
88	58.83	LMS-134254	Village of Wellington	Public Safety, Director Coastal Protection, Coastal	Water Treatment Plant Emergency Power	Mitigation	1	HMGP	\$2,500,000
89	58.5	LMS-398292	Town of Palm Beach	Coordinator	Palm Beach Utility Undergrounding Phase 8	Infrastructure	2	HMGP	\$12,000,000
90	58.5	LMS-925187	West Palm Beach	Sustainability Manager	Segment #4 - S. Flagler Waterfront Improvements - Summa St to Linda Lane	Beach/Seawall	1	HMGP or FMA	\$25,000,000
91	57.83	LMS-227017	West Palm Beach	Sustainability Manager	Lift Station Hardening and Rehabilitation Project Phase 1	Mitigation	3	HMGP	\$5,000,000
92	57.5	LMS-702024	West Palm Beach	Sustainability Manager Senior Administrative/Grants	Lift Station Hardening and Rehabilitation Project Phase 2	Mitigation	3	HMGP	\$5,000,000
93	56.17	LMS-250222	Loxahatchee Groves	Coordinator	Canal Gate Upgrades	Infrastructure (Water/Sewer/Drainage)	3	HMGP	\$300,000
94	55.43	LMS-229552	Village of Tequesta	Public Works, Director	Village Hall Emergency Generator	Continuity of Operations/Government	1	HMGP	\$450,000
95	55.33	LMS-765557	Northern Palm Beach County Improvement District	Improvement District, Director of Operations	Unit 5 Stormwater	Infrastructure (Water/Sewer/Drainage)	1	HMGP or	
								PDM	\$2,840,000
96	55.17	LMS-265416	West Palm Beach	Sustainability Manager Utilities, Assistant Water	Australian Avenue Water & Sewer Resiliency Adaptation Project	Mitigation	4	HMGP	\$10,000,000
97	55.13	LMS-881478	City of Lake Worth Beach	Utilities Director Senior Administrative/Grants	Life Station No. 5 Emergency Generator	Infrastructure (Water/Sewer/Drainage)	2	HMGP	\$500,000
98	54	LMS-079779	Loxahatchee Groves	Coordinator	Public Works Yard/Structure/Office Building Replacement	Infrastructure (Building)	2	HMGP	\$750,000
99	53	LMS-868474	City of Riviera Beach	Public Works, City Engineer	6th and 7th Street and Avenue N Stormwater	Infrastructure (Water/Sewer/Drainage)	3	HMGP, FMA, PDM, FCP, or	\$4,327,096
100	52.67	LMS-717534	Loxahatchee Groves	Senior Administrative/Grants Coordinator	Loxahatchee Groves SCADA and Telemetry System Implementation	Equipment	2	HMGP	\$300,000

Rank	Score	Project Number	Agency/Organization	Department / Position	Project Title	Project Type	Expected Timeframe (Years)	Funding Source	Estimated Cost
125	39.5	LMS-803201	Boca Raton	Emergency Manager	Raw Water Well Production Upgrades	Infrastructure (Water/Sewer/Drainage)	3	HMGP	\$5,000,00
126	39.33	LMS-055828	Loxahatchee Groves		Collecting Canal Road Rehabilitation	Infrastructure (Water/Sewer/Drainage)	4	HMGP	\$1,000,00
127	39.14	LMS-875296	Indian Trail Improvement District	Operations & Maintenance Department/Chief Construction Officer	Santa Rosa Groves Pump Station	Infrastructure (Water/Sewer/Drainage)	2	HMGP or	\$739.52
128	33.83	LMS-601524	Loxahatchee Groves	ALTERNATION OF THE PROPERTY OF THE PARTY OF	Loxahatchee Groves Town Hall Generator Purchase and Installation	Infrastructure (Building)	1	HMGP	\$1,500,00
129	33.71	LMS-724894	Indian Trail Improvement District		M-2 Impoundment	Infrastructure (Water/Sewer/Drainage)	1	HMGP	\$205,12
130	32.83	LMS-852572	Indian Trail Improvement District	Operations & Maintenance Department/Chief Construction Officer	M-1 Inverted Siphon	Infrastructure (Water/Sewer/Drainage)		HMGP or	\$1,751,40
131	31	LMS-148549	Village of Wellington	Emergency Management & Public Safety, Director	South Shore/Pierson Rd. Improvements	Infrastructure (Roadway)	2	HMGP or PDM	\$3,530,00

Projects shaded in green were added Spring 2024

Total Estimated Cost

\$513,339,887

Total Estimated Cost compared to previous

\$128,243,223



Palm Beach County Prioritized Project List Changes - Spring 2024

Total Value of Projects Removed

\$500,000

			PROJECTS COMPLETE			
Score	Project Number	Agency/Organization	Project Title	Project Type	Estimated Cost	
77.14	LMS-075294	Town of Riviera Beach	North Filter Building Hurricane Hardening	Infrastructure (Water/Sewer/Drainage)	\$400,000	Project completed
76.25	LMS-067871	Town of Riviera Beach	Water Treatment Plant Generator Improvement Project	Infrastructure (Water/Sewer/Drainage)	\$2,350,000	Project completed

Total Value of Projects Completd

\$2,750,000