

OSCEOLA COUNTY
LOCAL MITIGATION STRATEGY WORKING GROUP
Quarterly Meeting
March 9, 2023 – 9:00 a.m.
Osceola County Administration Building, Conference Room 2501/2502
1 Courthouse Square, Kissimmee, Florida 34741
Virtual Meeting Link: www.osceola.org/go/LMSmeeting
Telephone Conference: 407-906-2344, Conference Code: 969 926 543

In accordance with Americans with Disabilities Act, persons with disabilities needing a special accommodation to participate in this proceeding should contact the Emergency Management Office, 2586 Partin Settlement Road, Kissimmee, Florida, 34744, telephone (407) 742-9000, not later than five (5) days prior to the proceeding.

AGENDA

1. **Call to Order**
2. **Attendance**
3. **Approval of Agenda (Action Item)**
4. **Membership Updates**
 - A. New member representatives
 1. Osceola County
 2. Reedy Creek Improvement District
 - B. Approval of Membership List (Action Item)
5. **Approval of Minutes from December 8, 2022 LMS Working Group Quarterly Meeting (Action Item)**
6. **Hear the Audience**

Except for those matters specifically exempted under the State Statute and Local Ordinance, the Working Group shall provide an opportunity for public comment prior to the undertaking by the Working Group of any action on the agenda. The Working Group will not vote on any item during this portion of the meeting. Rather, this portion of the meeting is to allow for public comments to be heard on items that are on the agenda for that meeting.
7. **Public Education and Outreach Presentation**
 - A. Florida Division of Emergency Management's Hurricane Loss Mitigation Program
 - Grant Goodwin, HLMP Program Manager; Brigette Carrillo,
8. **Committee Reports**
 - A. Substantial Damage Subcommittee
 - B. Public Involvement Subcommittee
 1. County Website Update
 - a. MyOsceola Integration
 - b. Dashboard
 - C. Project Prioritization Subcommittee
9. **Project Priority List**
 - A. Updates
 1. Florida Silver Jackets/United States Army Corps of Engineers- Floodplain Management Service (FPMS) Project
 - B. New Project Submissions
 1. Osceola County- Hoagland Property Acquisition (Project Score 35.16) (Action Item)
 2. Osceola County- Mill Creek Property Acquisition (Project Score 35.16) (Action Item)
 3. Toho Water Authority- Emergency Generators and Bypass Pumps (Project Score 39.24) (Action Item)
 - C. Approval of Project List (Action Item)
 - D. Other Community Mitigation Projects
 1. South Florida Water Management District- Flood Protection Level of Service Program

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10. Discussion Items

A. Plan Updates

B. Program Updates

1. Planning Intern- Ryan Rodriguez, B.S. Public Administration (Candidate)
 - a. Project Folders
 - b. SharePoint
 - c. Bylaws Review
 - d. Goals Assessment
 - e. Hazard Identification and Risk Assessment (HIRA) Review
 - f. Newsletter

C. Funding Opportunities

1. Hazard Mitigation Grant Program Notice of Funding Availability- HMGP- DR-4673 Hurricane Ian (February 21, 2023)
2. Hurricane Loss Mitigation Program

D. Training Opportunities

1. FL-603 Public Assistance Grant Program (March 16)
2. FL-608 Emergency Work Eligibility (March 16)
3. G-400 Advanced Incident Command System (March 29-30; April 13-14)
4. FL-601 Preliminary Damage Assessment (May 18)
5. AWR-347 Climate Adaptation Planning for Emergency Management (June 14)

E. Meeting Updates

1. FEPA Mitigation Working Group (March 10)
2. FDEM Hurricane Loss Mitigation Program Webinar (March 10)
3. FDEM Mitigate FL (March 14)
4. Florida Silver Jackets (March 28)

11. Adjournment (*Action Item*)

(Previous and upcoming LMS Working Group meeting dates, materials, minutes, and recordings are available on Osceola County's website at <https://www.osceola.org/about-osceola-county/county-meetings/local-mitigation-strategy.stml>)

Donald S. Fisher
County Manager
don.fisher@osceola.org

Beth Anne Knight
Chief Administrative Officer
beth.knight@osceola.org

Donna Renberg
Deputy County Manager
donna.renberg@osceola.org

Tawny Olore
Assistant County Manager
tawny.oloro@osceola.org

1 Courthouse Square
Suite 4700
Kissimmee, FL 34741

O: 407-742-2000
F: 407-742-2391

osceola.org

January 12, 2023

Mr. Bill Litton, Chairman
Osceola County Local Mitigation Strategy Working Group
Kissimmee, FL 34744

RE: Appointments to the Osceola County Local Mitigation Strategy Working Group

Dear Mr. Litton,

Effective December 1, 2022, the designated individuals and their respective alternates who will represent Osceola County on the Local Mitigation Strategy Working Group are as follows:

Osceola County Local Mitigation Strategy Working Group Representative Designations		
Department	Voting Representative	Alternate
Community Development	Jose Gomez Jose.Gomez@osceola.org 407-742-0231	Raymond Stangle Raymond.Stangle@osceola.org 407-742-0281
Public Works	Susan Gosselin Susan.Gosselin@osceola.org 407-742-0542	Linette Matheny Linette.Matheny@osceola.org 407-742-0543
Financial Services	Yralee Mendez Yralee.Mendez@osceola.org 407-742-1768	Leslie Felix Leslie.Felix@osceola.org 407-742-1715

Should you have any questions or need additional information, please feel free to contact me.

Respectfully,



Beth Anne Knight
Chief Administrative Officer



P.O. Box 10170
Lake Buena Vista, FL 32830-0170
(407) 828-2241

February 16, 2023

Bill Litton
Emergency Management Director
Osceola County Office of Emergency Management
2586 Partin Settlement Road
Kissimmee, FL 34744

Re: Appointment of a Reedy Creek Improvement District Representative on the LMS Working Group

Dear Mr. Litton,

The Reedy Creek Improvement District (RCID) would like to submit the following individuals as representatives of RCID on the Local Mitigation Strategy (LMS) Working Group.

Re-affirm:

Voting Tanya Naylor tnaylor@rcid.org
 Emergency Manager

New Appointment

Alternate Kimberly Lawrence klawrence@rcid.org
 Environmental Specialist IV

We look forward to continuing our partnership in LMS Working Group and the Osceola County Office of Emergency Management. Should there be any questions, please do not hesitate to contact me at jclasse@rcid.org or at 407-934-7480.

Sincerely,

John H. Classe, Jr.
District Administrator

cc: Ryan Conrad
 Mike Crikis
 Kimberly Lawrence
 Richard LePere
 Tanya Naylor

Osceola County Local Mitigation Strategy Working Group Membership (Revised February 2023)						
Status	Name	Title	Organization	E-Mail Address	Phone Number	Mailing Address
Osceola County						
Non-Voting	Bill Litton (Chairman)	Director	Osceola County Emergency Management	bill.litton@osceola.org	407-742-9010	2586 Partin Settlement Road, Kissimmee, Florida 34744
Non-Voting	Richard Halquist	Operations Manager	Osceola County Emergency Management	richard.halquist@osceola.org	407-742-9016	2586 Partin Settlement Road, Kissimmee, Florida 34744
Non-Voting	Robin Hinson (LMS Coordinator)	Emergency Management Planner	Osceola County Emergency Management	robin.hinson@osceola.org	407-742-9012	2586 Partin Settlement Road, Kissimmee, Florida 34744
Voting	Susan Gosselin (Co-Vice Chairwoman)	Natural Resource Manager	Osceola County Public Works	susan.gosselin@osceola.org	407-742-0542	1 Courthouse Square, Suite 3100, Kissimmee, Florida 34741
Alt-Voting	Linette Matheny (Alt. to Susan Gosselin)	Assistant County Engineer	Osceola County Public Works	linette.matheny@osceola.org	407-742-0543	1 Courthouse Square, Suite 3100, Kissimmee, Florida 34741
Voting	Jose Gomez	Development Review Director	Osceola County Community Development	jose.gomez@osceola.org	407-742-0231	1 Courthouse Square, Suite 1400, Kissimmee, Florida 34741
Alt-Voting	Raymond Stangle (Alt. to Jose Gomez)	Community Development Administrator	Osceola County Community Development	raymond.stangle@osceola.org	407-742-0281	1 Courthouse Square, Suite 1400, Kissimmee, Florida 34741
Voting	Yralee Mendez	Finance Supervisor	Osceola County Financial Services	yralee.mendez@osceola.org	407-742-1768	1 Courthouse Square, Suite 2100, Kissimmee, Florida 34741
Alt-Voting	Leslie Felix (Alt. to Yralee Mendez)	Finance Manager	Osceola County Financial Services	leslie.felix@osceola.org	407-742-1715	1 Courthouse Square, Suite 2100, Kissimmee, Florida 34741
Non-Voting	Jeremy Buchanon	Water Resources Scientist	Osceola County Public Works	jeremy.buchanon@osceola.org	407-742-8652	1 Courthouse Square, Suite 3100, Kissimmee, Florida 34741
City of Kissimmee						
Voting	Ashley Willis	Assistant Director	City of Kissimmee Public Works	ashley.willis@kissimmee.gov	407-518-2177	101 Church Street, Suite 301, Kissimmee, Florida 34741
Alt-Voting	Nagel Altrui (Alt. to Ashley Willis)	Stormwater Technician	City of Kissimmee Public Works	nagel.altrui@kissimmee.gov	407-518-2536	101 Church Street, Suite 301, Kissimmee, Florida 34741
Voting	Jeremy Donovan	Deputy Fire Chief	City of Kissimmee Fire Department	jeremy.donovan@kissimmee.gov	407-518-2239	101 Church Street, Suite 200, Kissimmee, Florida 34741
Alt-Voting	Alex Santos (Alt. to Jeremy Donovan)	Budget Manager	City of Kissimmee Finance Department	alex.santos@kissimmee.gov	407-518-2219	101 Church Street, Kissimmee, Florida 34741
Voting	John Hambley	Planning Manager	City of Kissimmee Development Services	john.hambley@kissimmee.gov	407-518-2145	101 Church Street, Kissimmee, Florida 34741
Alt-Voting	Austin Blake (Alt. to John Hambley)	Assistant City Manager	City of Kissimmee City Manager	austin.blake@kissimmee.gov	407-518-2319	101 Church Street, Kissimmee, Florida 34741
City of Saint Cloud						
Voting	Cameron Crandell (Co-Vice Chairman)	Deputy Public Works Director	City of St. Cloud Public Services	cameron.crandell@stcloudfl.gov	407-957-7279	1300 9th Street, Building A - 2nd Floor, Saint Cloud, Florida 34769
Alt-Voting	Dara Hennessey (Alt. to Cameron Crandell)	Deputy Fire Chief Administration	City of St. Cloud Fire Services	dara.hennessey@stcloudfl.gov	407-957-8409	900 Minnestoa Avenue, Saint Cloud, Florida 34769
Voting	Kevin Felblinger	Public Works Director	City of St. Cloud Public Services	kevin.felblinger@stcloudfl.gov	407-957-7353	1300 9th Street, Building A - 2nd Floor, Saint Cloud, Florida 34769
Alt-Voting	Mike Cortez (Alt. to Kevin Felblinger)	Support Services Manager	City of St. Cloud Police Department	misael.cortez@stcloudfl.gov	407-891-6743	4700 Neptune Road, Saint Cloud, Florida 34769
Voting	Wendy Collazo	Finance Department Director	City of St. Cloud Finance Department	wendy.collazo@stcloudfl.gov	407-957-7314	1300 9th Street, Building A - 2nd Floor Saint Cloud, Florida 34769
Non-Voting	Leigh Anne Tomaino	Flood Plain Manager	City of St. Cloud Building Department	leighanne.tomaino@stcloudfl.gov	407-957-7275	1300 9th Street, Building A - 1st Floor, Saint Cloud, Florida 34769
School District of Osceola County						
Voting	Scott Knoebel	Assistant Superintendent	SDOC School Operations	scott.knoebel@osceolaschools.net	407-483-3661	809 Bill Beck Boulevard, Kissimmee, Florida 34744
Alt-Voting	Rhonda Blake (Alt. to Scott Knoebel)	Director of Planning Services	SDOC Planning Services	rhonda.blake@osceolaschools.net	407-518-2964	809 Bill Beck Boulevard, Kissimmee, Florida 34744
Kissimmee Utility Authority						
Voting	Larry Mattern	Vice President Operations	Kissimmee Utility Authority Operations	lmattern@kua.com	407-973-4164	1701 West Carroll Street, Kissimmee, Florida 34741
Alt-Voting	Wesley Infinger	Vice President Engineering and Operations	Kissimmee Utility Authority Engineering and Operations	winfinger@kua.com	352-901-7431	1701 West Carroll Street, Kissimmee, Florida 34741
Toho Water Authority						
Voting	Robert Pelham	Director Engineering Services	Toho Water Authority Engineering Services	rpelham@tohowater.com	407-944-5132	951 Martin Luther Blvd, Kissimmee, Florida 34741
Alt-Voting	Chris Wilson	Risk and Safety Manager	Toho Water Authority Risk and Safety	cwilson@tohowater.com	407-944-5122	951 Martin Luther Blvd, Kissimmee, Florida 34741
Private Business Sector						
Primary Voting	John Porter	Civil Engineer P.E., CEM	Osceola Engineering, Inc.	jporter@osc-eng.com	407-891-0452	1003 Florida Avenue, Saint Cloud, Florida 34769
Alt-Voting	Broc Althafer (Alt. To John Porter)	Civil Engineer P.E.	Osceola Engineering, Inc.	balthafer@osc-eng.com	407-891-0452	1003 Florida Avenue, Saint Cloud, Florida 34769
Alt-Voting	David Hamstra	Stormwater Department Manager, P.E., CFM	Pegasus Engineering, LLC	david@pegasusengineering.net	407-247-0003	301 West State Road 434, Suite 309, Winter Springs, Florida 32708
Alt-Voting	Leylah Saavedra (Alt. To David Hamstra)	Senior Project Engineer, P.E., CFM	Pegasus Engineering, LLC	leylah@pegasusengineering.net	407-992-9160	301 West State Road 434, Suite 309, Winter Springs, Florida 32708
Public At-Large						
Voting	William "Bill" Peterson	Citizen	n/a	bill@governmentresource.com	407-201-8933	
Alt-Voting	Carolyn Chalfoux	Citizen	n/a	carolyn57@aol.com	321-218-2587	
Non-Profit Sector						
Voting	Jody Staley	Board Member	Osceola REDI	jmtjodystaley@gmail.com	425-737-7255	1425 East Vine Street, Kissimmee, Florida 34744
Alt-Voting	Pat Filippone	Board Member	Osceola REDI	filipponep@aol.com	407-709-7188	1425 East Vine Street, Kissimmee, Florida 34744
Non-Voting	Dylan Spader	Territory Sales Manager	Good Samaritan Society	dspader@good-sam.com	407-933-1999	4250 Village Drive, Kissimmee, Florida 34746
Other Representation						
Non-Voting	Tanya Naylor	Emergency Manager	Reedy Creek Improvement District	tnaylor@rcid.org	407-560-7355	1900 Hotel Plaza Boulevard, Lake Buena Vista, Florida 32830
Non-Voting	Kimberly Lawrence	Environmental Specialist IV	Reedy Creek Improvement District	klawrence@rcid.org	407-828-2241	1900 Hotel Plaza Boulevard, Lake Buena Vista, Florida 32830
Non-Voting	Kathy LaMartina	Regional Representative	South Florida Water Management District	klamart@sfwmd.gov	772-678-9872	421 SW Camden Ave, Stuart, Florida 34994
Non-Voting	Jim Cannon	Intergovernmental Coordinator	St. Johns River Water Management District	jcannon@sjrwm.com	407-659-4844	601 South Lake Destiny Road, Maitland, Florida 32751
Non-Voting	Dave Dickens	Intergovernmental Coordinator	St. Johns River Water Management District	ddickens@sjrwm.com	321-676-6606	601 South Lake Destiny Road, Maitland, Florida 32751
Non-Voting	Blake Baker	Project Manager	Florida Department of Transportaion	blake.baker@dot.state.fl.us	386-943-5372	
Non-Voting	John Keating	EHS Manager	Skywater	john.keating@skywatertechnology.com	407-887-1212	194 Neocity Way, Kissimmee, 34744
Non-Voting	John Corfield	Corporate Emergency Preparedness Specialist	Orlando Health	john.corfield@orlandohealth.com	321-841-8239	44 Lake Beauty Drive, 4th Floor, MP 149 Orlando, Florida 32806

OSCEOLA COUNTY
LOCAL MITIGATION STRATEGY WORKING GROUP
Quarterly Meeting
December 8, 2022 – 9:00 a.m.
Osceola County Administration Building, BCC Conference Room 4727
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AGENDA

1. **Call to Order**
Mr. Robin Hinson called the meeting to order
2. **Attendance**
Mr. Hinson conducted a roll call for both in-person and online participants. **Quorum Present**
3. **Approval of Agenda (Action Item)**
Motion carried unanimously (Gosselin/Altrui)
4. **Membership Updates**
 - A. New member representatives
Mr. Hinson mentioned that the team is still working on bringing Orlando Utilities Commission on as a voting member and OUC has drafted their documentation to adopt the plan. Once completed, the documentation will be submitted to the State and FEMA.
 - B. Approval of Membership List (Action Item)
Motion carried unanimously (Hambley/Donovan)
5. **Approval of Minutes from September 8, 2022 LMS Working Group Quarterly Meeting (Action Item)**
Motion carried unanimously (Gosselin/Hambley)
6. **Hear the Audience**
Except for those matters specifically exempted under the State Statute and Local Ordinance, the Working Group shall provide an opportunity for public comment prior to the undertaking by the Working Group of any action on the agenda. The Working Group will not vote on any item during this portion of the meeting. Rather, this portion of the meeting is to allow for public comments to be heard on items that are on the agenda for that meeting.
No requests to speak or public comments were received in advance of the meeting.
7. **Committee Reports**
 - A. Substantial Damage Subcommittee
No meeting held in person. Presentation begun on the substantially damaged properties. The estimate for flood damage from Hurricane Ian is ~\$20,505,364.50.
 - B. Public Involvement Subcommittee
Due to the storm, this meeting was canceled for this quarter. The next meeting is scheduled for January 12th. Mr. Hinson discussed Osceola County Office of Emergency Management's update of its Strategic Plan. One of the goals is to create a social media public outreach program specific to mitigation with messages available throughout the year. Office of Emergency Management also has plans in place for website improvements coinciding with the county-wide website improvement project. These improvements will include streamlined navigation and an interactive dashboard that was discussed at the last meeting. Lastly, Office of Emergency Management is considering branding opportunities for the LMS to highlight its importance to the community.
 - C. Project Prioritization Subcommittee
 1. FDEM Presentation
Mr. Hinson discussed the presentation given by the Florida Division of Emergency Management and the LMS Working Group's outreach to the Florida Silver Jackets team. Following last quarter's regular meeting, members of the LMS Working Group took the Florida Silver Jackets representatives on a tour of various potential project sites that will hopefully be selected for funding early next spring. The next subcommittee meeting is February 9th.
8. **Project Priority List**
 - A. Updates
Mr. Hinson reviewed the projects removed from the unassigned list due to poor cost-benefit analysis outcomes. Other general updates were provided for funded projects. David Hamstra mentioned a possible extension for Hurricane Irma projects and stated that he will provide the LMS Working Group with more information once he is able to confirm details.

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B. New Project Submissions

No submissions received.

C. Approval of Project List (Action Item)

Motion carried unanimously (Gosselin/Felblinger).

D. Other Community Mitigation Projects

1. City of Kissimmee- Police Department Generator

Mr. Hinson explained the purpose of providing updates on other projects outside of the LMS. The goal is to invite anyone to speak about mitigation projects their organizations are undertaking in order to avoid duplication of effort and enhance the reach of a project by combining efforts. Mr. Hinson invited Ms. Nagel Altrui to provide an update on City of Kissimmee's Police Department Generator project. Ms. Altrui explained that the project is aimed at upgrading the Department's generators which had several complications during Hurricane Ian.

9. Discussion Items

A. Plan Updates

Mr. Hinson again mentioned the update to the Osceola County Office of Emergency Management's Strategic Plan, more specifically the hazard profiling process and the intent to update these profiles more regularly. Mr. Hinson mentioned the idea of creating a new subcommittee for this purpose with the goal being to keep the profiles as current as possible and identify any new hazards that may impact Osceola County. Secondly, Mr. Hinson mentioned that he will be working on creating and implementing project assessment processes for the LMS Working Group, as it is something lacking in the project management workflow. The intent will be to more regularly assess the impacts of completed projects. This is information the State is greatly interested in and currently the LMS Working Group is not able to readily provide the information.

B. Program Updates

Mr. Hinson highlighted the goals for the LMS Working Group, including the creation of a newsletter to provide regular updates for Working Group members, including a compilation of FEMA, State, and other agency announcements. Work will continue on membership recruitment to get every sector and different agencies involved. Lastly, there will be a review of the LMS Working Group bylaws to keep current and make sure that the Working Group is following best practices.

C. Funding Opportunities

1. HMGP- DR-4673 Hurricane Ian

Mr. Bill Litton explained the funding estimate which should be available at the end of January. Osceola will be a tier 1 county that will receive more money to utilize for mitigation efforts. The application window is expected to close in May 2023.

2. My Safe FL Home

Mr. Hinson explained the program that allows citizens to request a wind mitigation inspection and then follow up with a grant for funding for it.

D. Training Opportunities

Mr. Hinson announced the following upcoming training opportunities.

1. FL-601 Preliminary Damage Assessment (January 4)

Half day class

2. FL-603 Public Assistance Grant Program (March 16)

Half day class - Eligible for certificate after completion of the three class series

3. FL-608 Emergency Work Eligibility

Half day class - Eligible for certificate after completion of the three class series

E. Meeting Updates

Mr. Hinson announced the following upcoming meetings.

1. FDEM Mitigate FL (December 13)

2. Florida Silver Jackets (December 20)

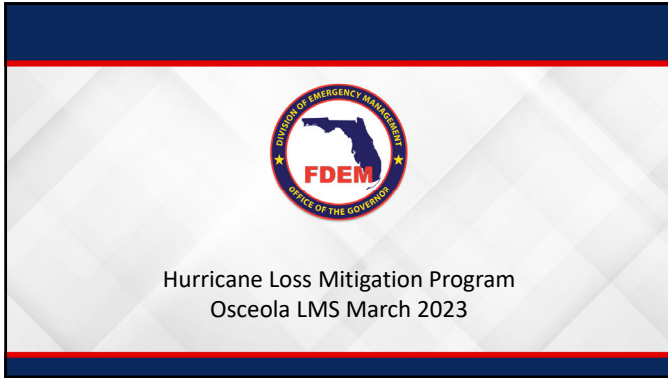
3. FEPA Mitigation Working Group (December 16)

10. Adjournment (Action Item)

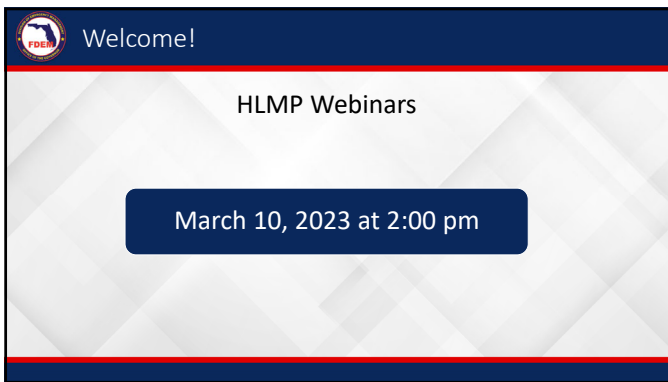
Meeting dates for next year are discussed and Mr. Hinson explains that the meetings will be held in a new location.

Jeremy Donovan motions to adjourn the meeting. Motion carried unanimously (Donovan/Gosselin)

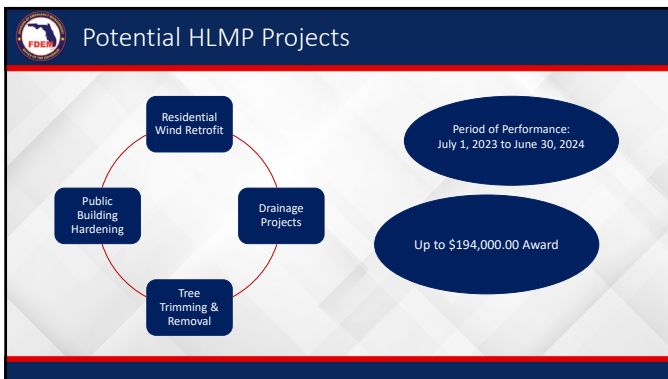
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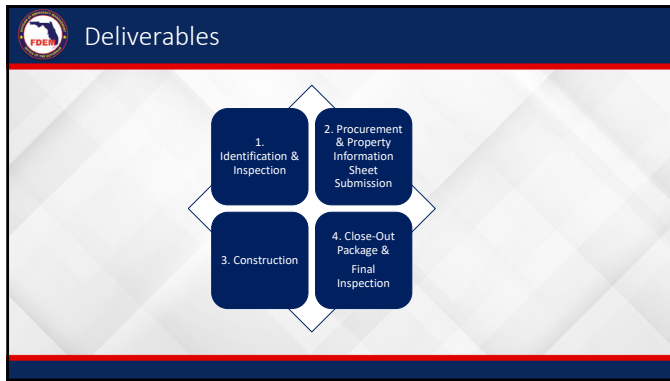
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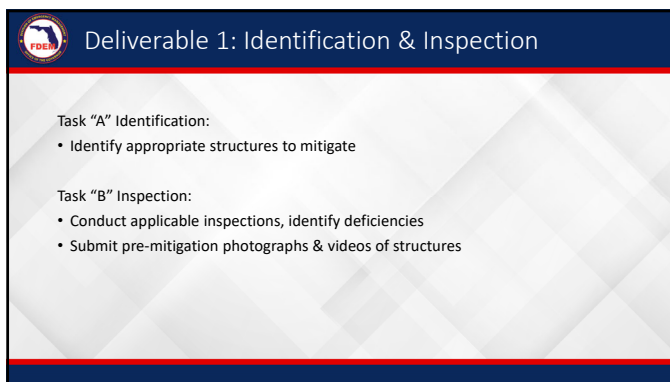
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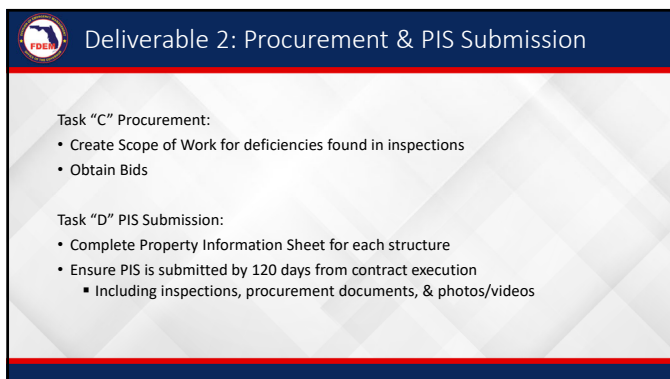
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5



6




Deliverable 3: Construction

Task “E” Construction:

- Upon BCA approval by the Division, the construction phase may begin
- Recipient pays contractors and submits invoices
- Submit Requests For Reimbursement

7



Deliverable 4: Close-Out & Final Inspection

Task “F” Close-Out Package:

- Send official letter to Division when project is 100% complete
- Request Final Inspection and provide all final documents


Task “G” Final Inspection:

- The Division will conduct a final inspection
- Ensures all work is complete

8




Contact Information



Please ensure that your contact information is updated and correct for RFP!

9



Get on Our Mailing List!

Email us at

HLMP@em.myflorida.com to be added to HLMP's address book, and we will notify you when RFP goes live.

Osceola County Local Mitigation Strategy Project Submission Form

Project Name:				Submission Date:	
Primary Agency:	Partner Agencies:	Jurisdictions Benefited:	Address:	GPS:	
			Flood Zone:	USNG:	

Primary Contact:	Secondary Contact:	Estimated Project Cost:	Project Timeframe:
Name:	Name:		
		Estimated Annual Maintenance Cost:	
Agency:	Agency:	Benefit Cost Analysis: Project submissions must include a benefit cost analysis. Projects with a BCA less than 1 will not be considered. https://www.fema.gov/fact-sheet/fema-bca-toolkit-60-installation-instructions	
Email:	Email:		
Phone:	Phone:		
		BCA:	

List Potential Funding Sources

Primary Funding Source(s):		
Local Cost-Share(s) (Match) and Maintenance:		

Primary Community Benefit:

Primary LMS Category:

***Primary LMS Goal:**

***Primary Community Lifeline:**

Osceola County Local Mitigation Strategy Project Submission Form

Additional Project Information:	
Population Benefited:	CRS Elements Addressed:
Project Lifespan:	<div style="display: flex; justify-content: space-between;"> Mitigates Repetitive Loss: <div> Yes No </div> </div> <p>Attach relevant documentation if applicable</p>
Project Status:	<div style="display: flex; justify-content: space-between;"> Benefits Critical Facilities: <div> Yes No </div> </div> <div style="display: flex; justify-content: space-between;"> Benefits Critical infrastructure: <div> Yes No </div> </div>
Social Vulnerability Index: Project submissions will be scored using the social vulnerability index provided with the FEMA national risk index: https://hazards.fema.gov/nri/map	Consistency with Additional Long Range Plans: Examples: Comprehensive plans, floodplain management plan, etcetera
<div style="display: flex; justify-content: flex-end; align-items: center;"> SVI: <div style="border: 1px solid black; width: 100px; height: 30px; margin-left: 5px;"></div> </div>	
<div style="text-align: center; margin-bottom: 10px;">Primary Hazards Addressed:</div> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>Tropical Cyclone</p> <p>Flooding</p> <p>Tornado</p> <p>Wildfire</p> <p>Severe Thunderstorm</p> <p>Pandemic</p> <p>Agriculture/Livestock Disease</p> <p>Geomagnetic Storm Sinkhole</p> <p>Climate Change</p> </div> <div style="width: 50%;"> <p>Cyber Attack</p> <p>Terrorism</p> <p>Nuclear Facility Incident</p> <p>Civil Unrest</p> <p>Mass Migration</p> <p>Transportation Incident</p> <p>Hazardous Material Release</p> </div> </div>	

Osceola County Local Mitigation Strategy Project Submission Form

Project Description:	
Potential Disruption to Local Community:	Potential Regulatory Compliance Issues:



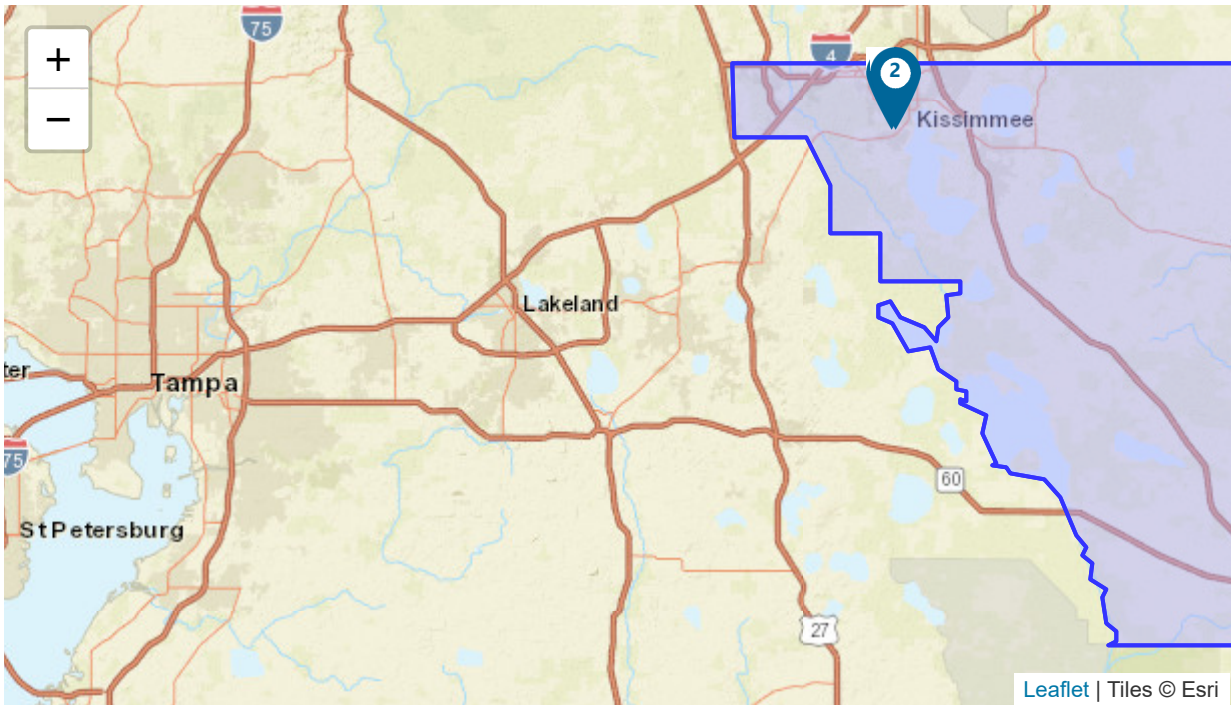
FEMA

Benefit-Cost Calculator

V.6.0 (Build 20230103.1822 | Release Notes)

Benefit-Cost Analysis

Project Name: Hoagland Acquisitions



Using 7% Discount Rate							Using 3% Discount Rate (For FY22 BRIC and FMA only)			
Map Marker ▲	Mitigation Title	Property Type	Hazard	Benefits (B)	Costs (C)	BCR (B/C)	Benefits (B)	Costs (C)	BCR (B/C)	
1	Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746		DFA - Riverine Flood	\$ 5,627,015	\$ 5,528,539	1.02	\$ 12,091,800	\$ 5,563,198	2.17	
2	Acquisition @ 28.2677420; -81.4346990		DFA - Riverine Flood	\$ 5,627,015	\$ 4,028,539	1.40	\$ 12,091,800	\$ 4,063,198	2.98	
TOTAL (SELECTED)				\$ 11,254,030	\$ 9,557,078	1.18	\$ 24,183,600	\$ 9,626,396	2.51	
TOTAL				\$ 11,254,030	\$ 9,557,078	1.18	\$ 24,183,600	\$ 9,626,396	2.51	

Property Configuration

Property Title:

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Property Location:

34746, Osceola, Florida

Property Coordinates:

28.267003995490725, -81.4380700147888

Hazard Type:

Riverine Flood

Mitigation Action Type:

Acquisition

Property Type:

Residential Building

Analysis Method Type:

Historical Damages

Cost Estimation

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Project Useful Life (years):

100

Project Cost:

\$5,500,000

Number of Maintenance Years:

100

Use Default: Yes

Annual Maintenance Cost:

\$2,000

Damage Analysis Parameters - Damage Frequency Assessment

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Year of Analysis was Conducted:

2023

Year Property was Built:

1974

Analysis Duration:

0

Use Default: No

Historical Damages Before Mitigation

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Damage Year	Recurrence Interval (years)	OTHER	OPTIONAL DAMAGES			VOLUNTEER COSTS		TOTAL		
		Damages (\$)	Category 1 (\$)	Category 2 (\$)	Category 3 (\$)	Number of Volunteers	Number of Days	Damages (\$)	Current Dollars?	Inflated Damages (\$)
2017	6	1,500,000	0	0	0	0	0	1,500,000	No	1,812,513
2022	5	2,500,000	0	0	0	0	0	2,500,000	Yes	2,500,000

Annualized Damages Before Mitigation

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Annualized Recurrence Interval (years)	Damages and Losses (\$)	Annualized Damages and Losses (\$)
5	2,500,000	70,956
6	1,812,513	302,085
Sum Damages and Losses (\$)		Sum Annualized Damages and Losses (\$)
	4,312,513	373,041

Expected Damages After Mitigation

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

	OTHER	OPTIONAL DAMAGES			VOLUNTEER COSTS		TOTAL
Recurrence Interval (years)	Damages (\$)	Category 1 (\$)	Category 2 (\$)	Category 3 (\$)	Number of Volunteers	Number of Days	Damages (\$)
5	0	0	0	0	0	0	0

Annualized Damages After Mitigation

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Annualized Recurrence Interval (years)	Damages and Losses (\$)	Annualized Damages and Losses (\$)
5	0	0
	Sum Damages and Losses (\$)	Sum Annualized Damages and Losses (\$)
	0	0

Standard Benefits - Ecosystem Services

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Total Project Area (sq.ft):	11
Percentage of Urban Green Open Space:	40.00%
Percentage of Rural Green Open Space:	0.00%
Percentage of Riparian:	50.00%
Percentage of Coastal Wetlands:	0.00%
Percentage of Inland Wetlands:	0.00%
Percentage of Forests:	10.00%
Percentage of Coral Reefs:	0.00%
Percentage of Shellfish Reefs:	0.00%
Percentage of Beaches and Dunes:	0.00%
Expected Annual Ecosystem Services Benefits:	\$7

Additional Benefits - Social

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Number of Workers:	25
Expected Annual Social Benefits:	\$303,905

Benefits-Costs Summary

Acquisition @ 3345 Marsh Rd, Kissimmee, Florida, 34746

Total Standard Mitigation Benefits:	\$5,323,110
Total Social Benefits:	\$303,905
Total Mitigation Project Benefits:	\$5,627,015
Total Mitigation Project Cost:	\$5,528,539
Benefit Cost Ratio - Standard:	0.96
Benefit Cost Ratio - Standard + Social:	1.02

Property Configuration

Property Title:	Acquisition @ 28.2677420; -81.4346990
Property Location:	34741, Osceola, Florida
Property Coordinates:	28.267741980155805, -81.4346989809697
Hazard Type:	Riverine Flood
Mitigation Action Type:	Acquisition
Property Type:	Residential Building
Analysis Method Type:	Historical Damages

Cost Estimation

Acquisition @ 28.2677420; -81.4346990	
Project Useful Life (years):	100
Project Cost:	\$4,000,000
Number of Maintenance Years:	100 Use Default: Yes
Annual Maintenance Cost:	\$2,000

Damage Analysis Parameters - Damage Frequency Assessment

Acquisition @ 28.2677420; -81.4346990	
Year of Analysis was Conducted:	2023
Year Property was Built:	1974
Analysis Duration:	<div>0</div> Use Default: No

Historical Damages Before Mitigation

Acquisition @ 28.2677420; -81.4346990

		OTHER	OPTIONAL DAMAGES			VOLUNTEER COSTS		TOTAL		
Damage Year	Recurrence Interval (years)	Damages (\$)	Category 1 (\$)	Category 2 (\$)	Category 3 (\$)	Number of Volunteers	Number of Days	Damages (\$)	Current Dollars?	Inflated Damages (\$)
2017	6	1,500,000	0	0	0	0	0	1,500,000	No	1,812,513
2022	5	2,500,000	0	0	0	0	0	2,500,000	Yes	2,500,000

Annualized Damages Before Mitigation

Acquisition @ 28.2677420; -81.4346990

Annualized Recurrence Interval (years)	Damages and Losses (\$)	Annualized Damages and Losses (\$)
5	2,500,000	70,956
6	1,812,513	302,085
	Sum Damages and Losses (\$)	Sum Annualized Damages and Losses (\$)
	4,312,513	373,041

Expected Damages After Mitigation

Acquisition @ 28.2677420; -81.4346990

	OTHER	OPTIONAL DAMAGES			VOLUNTEER COSTS		TOTAL
Recurrence Interval (years)	Damages (\$)	Category 1 (\$)	Category 2 (\$)	Category 3 (\$)	Number of Volunteers	Number of Days	Damages (\$)
5	0	0	0	0	0	0	0

Annualized Damages After Mitigation

Acquisition @ 28.2677420; -81.4346990

Annualized Recurrence Interval (years)	Damages and Losses (\$)	Annualized Damages and Losses (\$)
5	0	0
	Sum Damages and Losses (\$)	Sum Annualized Damages and Losses (\$)
	0	0

Standard Benefits - Ecosystem Services

Acquisition @ 28.2677420; -81.4346990

Total Project Area (sq.ft):	11
Percentage of Urban Green Open Space:	40.00%
Percentage of Rural Green Open Space:	0.00%
Percentage of Riparian:	50.00%
Percentage of Coastal Wetlands:	0.00%
Percentage of Inland Wetlands:	0.00%
Percentage of Forests:	10.00%
Percentage of Coral Reefs:	0.00%
Percentage of Shellfish Reefs:	0.00%
Percentage of Beaches and Dunes:	0.00%
Expected Annual Ecosystem Services Benefits:	\$7

Additional Benefits - Social

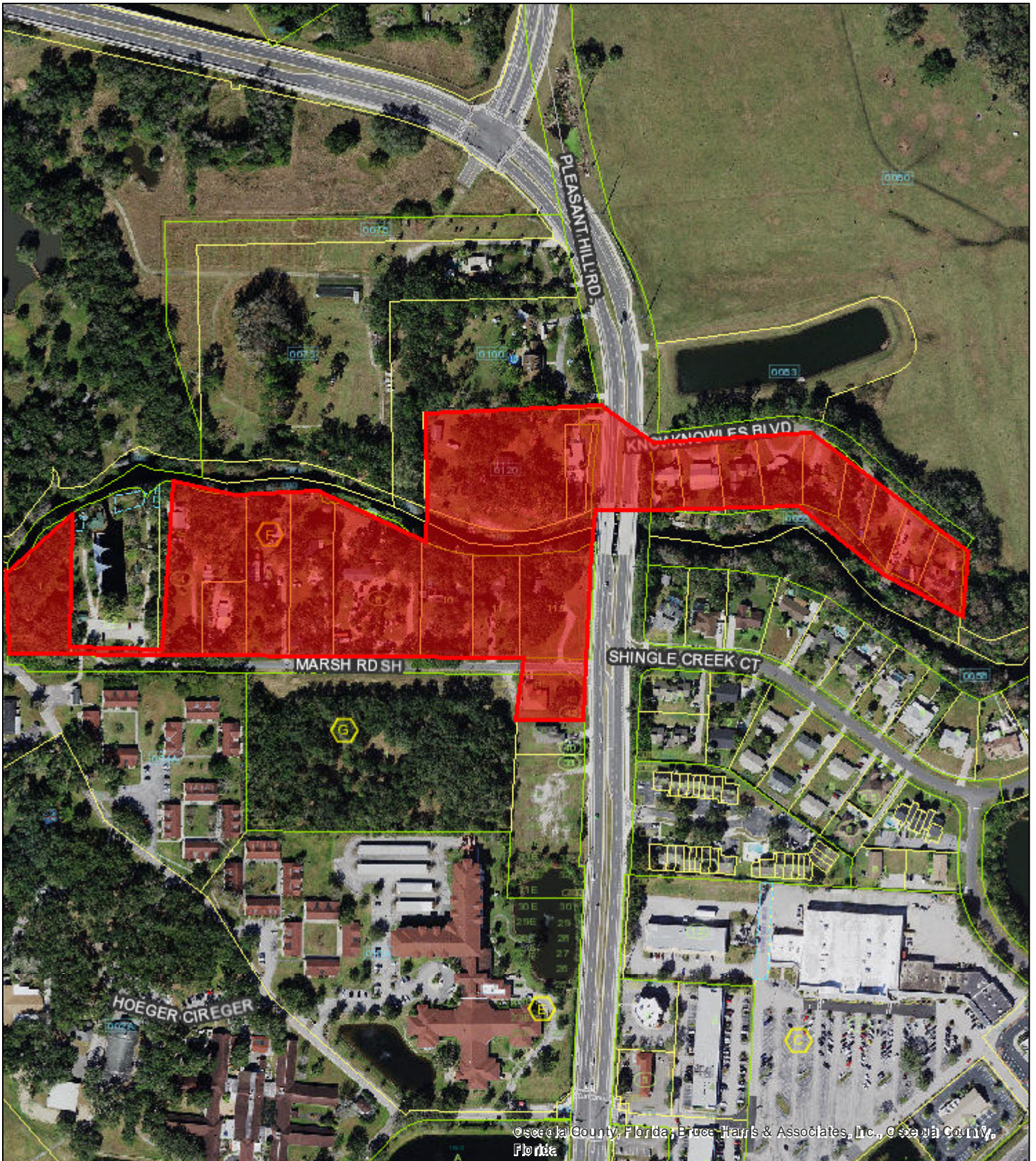
Acquisition @ 28.2677420; -81.4346990

Number of Workers:	25
Expected Annual Social Benefits:	\$303,905

Benefits-Costs Summary

Acquisition @ 28.2677420; -81.4346990

Total Standard Mitigation Benefits:	\$5,323,110
Total Social Benefits:	\$303,905
Total Mitigation Project Benefits:	\$5,627,015
Total Mitigation Project Cost:	\$4,028,539
Benefit Cost Ratio - Standard:	1.32
Benefit Cost Ratio - Standard + Social:	1.40



This map was prepared for the Osceola County Property Appraiser's Office. It is maintained for the function of this office only. It is not intended for conveyance, nor is it a survey.

Hoagland Acquisitions

Date Generated: 2/7/2023

0 160 320 ft



Katrina S. Scarborough, CFA, CCF, MCF
Osceola County Property Appraiser

Osceola County Local Mitigation Strategy

Project Scoring Worksheet

Project Title: Osceola County- Hoagland Property Acquisition

Agency: Osceola County

Date: February 9, 2023

Score: 35.16

The LMS Project Scoring Worksheet was developed by the Project Prioritization Subcommittee using the STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) framework, which has been established as a best practice in hazard mitigation. Following this framework ensures that a thorough evaluation of each project is completed before it is submitted for funding and all potential impacts are taken into consideration. The Project Scoring Worksheet is designed to assist the LMS Working Group with project prioritization by ensuring that projects meet minimum eligibility requirements and by providing a reference score derived from an analysis based on the established criteria. The score is to serve only as a reference for the LMS Working Group when prioritizing projects, and alone does not determine project eligibility or prioritization.

Category	Description	Score
Hazards addressed	2 – Addresses 2 or more hazards 0 – Addresses 1 hazard	0
Benefit to community	4 – Hazard Reduction 3 – Preparedness Against Hazard 2 – Mapping and Regulatory 1 – Public Information	4
Scope of Benefits	1 – Project serves 2 or more jurisdictions 0 – Project does not serve multiple jurisdictions	1
Population benefited	4 – This project could affect over 250,000 people and/or major portions of the county population 3 – This project could affect between 50,000 and 250,000 people 2 – This project could affect between 1,000 and 50,000 people 1 – This project could affect less than 1,000 people	1
Benefit to critical facilities	2 – Project benefits a critical facility 0 – Project does not benefit a critical facility	0
Benefit to critical infrastructure	2 – Project benefits critical infrastructure 0 – Project does not benefit critical infrastructure	0
Social Vulnerability Index of community benefited	This category is scored using the Social Vulnerability Index (SVI) provided with the FEMA National Risk Index. (Score = (SVI/100) *6)	2.16
Disruption to established neighborhoods and/or population groups after completion	4 – No disruption 2 – Minimal disruption 0 – Maximal disruption	4
Project Status	4 - Ready for construction 3 - Preliminary assessment 2 - Design 1 - Study 0 - Conceptual	0
Repetitive Loss Mitigation	4 – Alleviates severe verified repetitive loss. 2 – Loss may have occurred but was not formally documented 0 – No effect on repetitive loss	4
Lifespan of mitigation measure	4 - High - Expected to last/address hazards for 40 or more years 2 - Medium - Expected to last/address hazards for 20-39 years 0 - Low – Expected to last/address hazards for less than 20 years	4
Community Rating System	1 – Project supports CRS elements 0 – Project does not support CRS elements	1

Osceola County Local Mitigation Strategy Project Scoring Worksheet

Consistency with other guiding documents and plans	2 – Project shows consistency with 2 or more plans 1 – Project shows consistency with 1 other plan 0 – Project shows consistency with LMS but no additional plans (Examples: Comprehensive Plan, Floodplain Management Plan, etcetera)	0
Political support/local champion/public support	1 – Project demonstrates documentation of support from an organization other than the submitting agency 0 – Project does not demonstrate support from an organization other than the submitting agency	1
Regulatory Compliance	1 – No compliance issues 0 – Project demonstrates issues with regulatory compliance	1
Benefit Cost Analysis	6 – Benefit cost analysis is greater than 1.5 3 – Benefit cost analysis is 1.0 – 1.5 0 – Benefit cost analysis is less than 1.0	3
Funding Availability / Probability of Funding	6 – Funding is secured/budget line item 3 – Funding sources are available 0 – No funding sources can be identified	3
Complexity/Technical Feasibility	4 - Relatively easy to complete in a short period of time 3 - Not very complex based on the items listed below 2 - Somewhat complex due to one of the items listed below 1 – Complex due to two of the items listed below 0 – Complex project due to three or more items listed below Factors for complexity: • Time involved for planning and/or completion • Involves coordination of numerous agencies and/or jurisdictions • Permitting (Type of permitting required or the time period involved) • Difficulty in obtaining funding • Requires a public vote • Requires a public hearing	2
Project benefit to floodway/floodplains	4 - Project benefits publicized floodway 2 - Project benefits mapped floodplains 0 - No impact on floodplains	4
Total		35.16

This score was determined by a thorough review conducted by the Project Prioritization Subcommittee. All members of the Subcommittee were afforded the opportunity to provide their input, and the score is representative of their consensus.

Project Prioritization Subcommittee Chair or designee: Robin Hinson
Signature

Osceola County Local Mitigation Strategy Project Submission Form

Project Name:				Submission Date:	
Primary Agency:	Partner Agencies:	Jurisdictions Benefited:	Address:	GPS:	
			Flood Zone:	USNG:	

Primary Contact:	Secondary Contact:	Estimated Project Cost:	Project Timeframe:
Name:	Name:		
		Estimated Annual Maintenance Cost:	
Agency:	Agency:	Benefit Cost Analysis: Project submissions must include a benefit cost analysis. Projects with a BCA less than 1 will not be considered. https://www.fema.gov/fact-sheet/fema-bca-toolkit-60-installation-instructions	
Email:	Email:		
Phone:	Phone:		
		BCA:	

List Potential Funding Sources

Primary Funding Source(s):		
Local Cost-Share(s) (Match) and Maintenance:		

Primary Community Benefit:

Primary LMS Category:

***Primary LMS Goal:**

***Primary Community Lifeline:**

Osceola County Local Mitigation Strategy Project Submission Form

Additional Project Information:	
Population Benefited:	CRS Elements Addressed:
Project Lifespan:	<div style="display: flex; justify-content: space-between;"> Mitigates Repetitive Loss: <div> Yes No </div> </div> <p>Attach relevant documentation if applicable</p>
Project Status:	<div style="display: flex; justify-content: space-between;"> Benefits Critical Facilities: <div> Yes No </div> </div> <div style="display: flex; justify-content: space-between;"> Benefits Critical infrastructure: <div> Yes No </div> </div>
Social Vulnerability Index: Project submissions will be scored using the social vulnerability index provided with the FEMA national risk index: https://hazards.fema.gov/nri/map	Consistency with Additional Long Range Plans: Examples: Comprehensive plans, floodplain management plan, etcetera
<div style="display: flex; justify-content: flex-end; align-items: center;"> SVI: <div style="border: 1px solid black; width: 100px; height: 30px; margin-left: 5px;"></div> </div>	
<div style="text-align: center; margin-bottom: 10px;">Primary Hazards Addressed:</div> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>Tropical Cyclone</p> <p>Flooding</p> <p>Tornado</p> <p>Wildfire</p> <p>Severe Thunderstorm</p> <p>Pandemic</p> <p>Agriculture/Livestock Disease</p> <p>Geomagnetic Storm Sinkhole</p> <p>Climate Change</p> </div> <div style="width: 50%;"> <p>Cyber Attack</p> <p>Terrorism</p> <p>Nuclear Facility Incident</p> <p>Civil Unrest</p> <p>Mass Migration</p> <p>Transportation Incident</p> <p>Hazardous Material Release</p> </div> </div>	

Osceola County Local Mitigation Strategy Project Submission Form

Project Description:	
Potential Disruption to Local Community:	Potential Regulatory Compliance Issues:



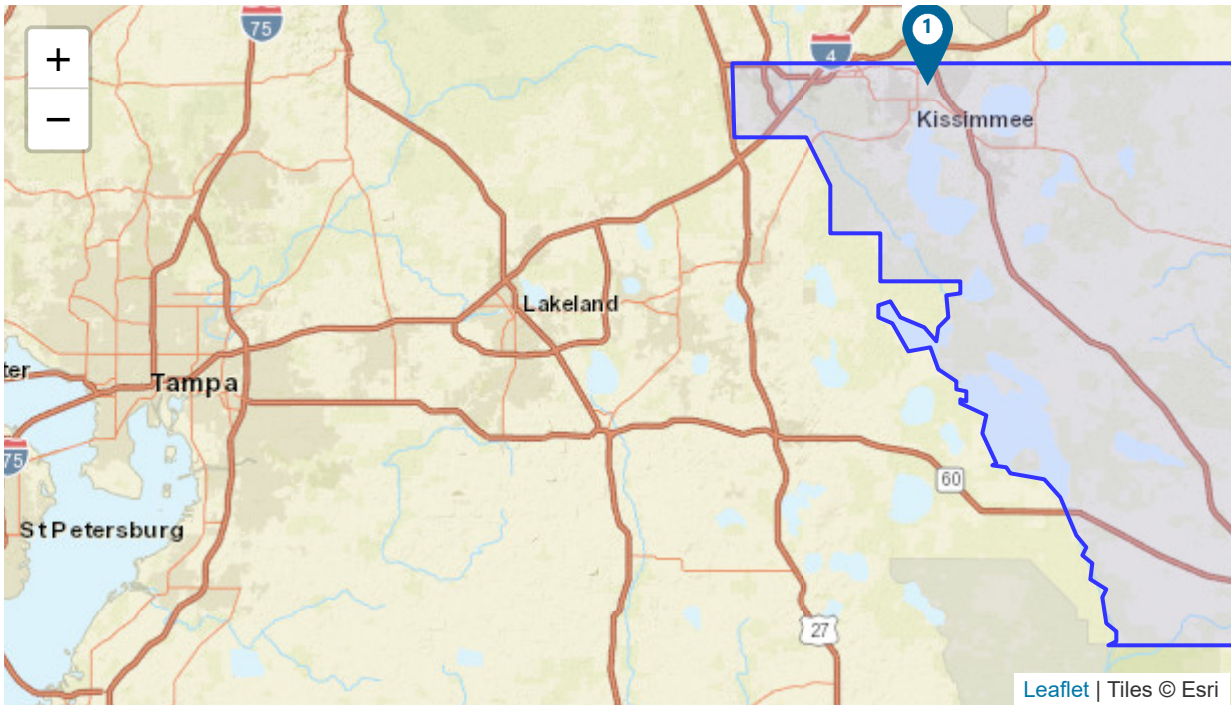
FEMA

Benefit-Cost Calculator

V.6.0 (Build 20230103.1822 | Release Notes)

Benefit-Cost Analysis

Project Name: Mill Creek Circle Flood acquisition



Using 7% Discount Rate							Using 3% Discount Rate (For FY22 BRIC and FMA only)			
Map Marker ▲	Mitigation Title	Property Type	Hazard	Benefits (B)	Costs (C)	BCR (B/C)	Benefits (B)	Costs (C)	BCR (B/C)	
1	Acquisition @ 28.3204920; -81.3895520		DFA - Riverine Flood	\$ 2,666,594	\$ 2,403,567	1.11	\$ 5,724,387	\$ 2,407,900	2.38	
TOTAL (SELECTED)				\$ 2,666,594	\$ 2,403,567	1.11	\$ 5,724,387	\$ 2,407,900	2.38	
TOTAL				\$ 2,666,594	\$ 2,403,567	1.11	\$ 5,724,387	\$ 2,407,900	2.38	

Property Configuration

Property Title:	Acquisition @ 28.3204920; -81.3895520
Property Location:	34744, Osceola, Florida
Property Coordinates:	28.320491979047887, -81.38955203881001
Hazard Type:	Riverine Flood
Mitigation Action Type:	Acquisition
Property Type:	Residential Building
Analysis Method Type:	Historical Damages

Cost Estimation

Acquisition @ 28.3204920; -81.3895520	
Project Useful Life (years):	100
Project Cost:	\$2,400,000
Number of Maintenance Years:	100 Use Default: Yes
Annual Maintenance Cost:	\$250

Damage Analysis Parameters - Damage Frequency Assessment

Acquisition @ 28.3204920; -81.3895520	
Year of Analysis was Conducted:	2023
Year Property was Built:	1986
Analysis Duration:	38 Use Default: Yes

Historical Damages Before Mitigation

Acquisition @ 28.3204920; -81.3895520

		OTHER	OPTIONAL DAMAGES			VOLUNTEER COSTS		TOTAL		
Damage Year	Recurrence Interval (years)	Damages (\$)	Category 1 (\$)	Category 2 (\$)	Category 3 (\$)	Number of Volunteers	Number of Days	Damages (\$)	Current Dollars?	Inflated Damages (\$)
2022	5	600,000	0	0	0	0	0	600,000	No	610,388

Annualized Damages Before Mitigation

Acquisition @ 28.3204920; -81.3895520

Annualized Recurrence Interval (years)	Damages and Losses (\$)	Annualized Damages and Losses (\$)
5	610,388	122,078
	Sum Damages and Losses (\$)	Sum Annualized Damages and Losses (\$)
	610,388	122,078

Expected Damages After Mitigation

Acquisition @ 28.3204920; -81.3895520

	OTHER	OPTIONAL DAMAGES			VOLUNTEER COSTS		TOTAL
Recurrence Interval (years)	Damages (\$)	Category 1 (\$)	Category 2 (\$)	Category 3 (\$)	Number of Volunteers	Number of Days	Damages (\$)
100	0	0	0	0	0	0	0

Annualized Damages After Mitigation

Acquisition @ 28.3204920; -81.3895520

Annualized Recurrence Interval (years)	Damages and Losses (\$)	Annualized Damages and Losses (\$)
100	0	0
	Sum Damages and Losses (\$)	Sum Annualized Damages and Losses (\$)
	0	0

Standard Benefits - Ecosystem Services

Acquisition @ 28.3204920; -81.3895520

Total Project Area (acres):	3.29
Percentage of Urban Green Open Space:	50.00%
Percentage of Rural Green Open Space:	0.00%
Percentage of Riparian:	10.00%
Percentage of Coastal Wetlands:	0.00%
Percentage of Inland Wetlands:	0.00%
Percentage of Forests:	40.00%
Percentage of Coral Reefs:	0.00%
Percentage of Shellfish Reefs:	0.00%
Percentage of Beaches and Dunes:	0.00%
Expected Annual Ecosystem Services Benefits:	\$54,371

Additional Benefits - Social

Acquisition @ 28.3204920; -81.3895520

Number of Workers:	12
Expected Annual Social Benefits:	\$148,806

Benefits-Costs Summary

Acquisition @ 28.3204920; -81.3895520

Total Standard Mitigation Benefits:	\$2,517,788
Total Social Benefits:	\$148,806
Total Mitigation Project Benefits:	\$2,666,594
Total Mitigation Project Cost:	\$2,403,567
Benefit Cost Ratio - Standard:	1.05
Benefit Cost Ratio - Standard + Social:	1.11



Mill Creek Circle Acquisitions

Date Generated: 2/7/2023

0 80 160 ft



This map was prepared for the Osceola County Property Appraiser's Office. It is maintained for the function of this office only. It is not intended for conveyance, nor is it a survey.



Katrina S. Scarborough, CFA, CCF, MCF
Osceola County Property Appraiser

Osceola County Local Mitigation Strategy

Project Scoring Worksheet

Project Title: Osceola County- Mill Creek Property Acquisition		
Agency: Osceola County	Date: February 9, 2023	Score: 35.16

The LMS Project Scoring Worksheet was developed by the Project Prioritization Subcommittee using the STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) framework, which has been established as a best practice in hazard mitigation. Following this framework ensures that a thorough evaluation of each project is completed before it is submitted for funding and all potential impacts are taken into consideration. The Project Scoring Worksheet is designed to assist the LMS Working Group with project prioritization by ensuring that projects meet minimum eligibility requirements and by providing a reference score derived from an analysis based on the established criteria. The score is to serve only as a reference for the LMS Working Group when prioritizing projects, and alone does not determine project eligibility or prioritization.

<i>Category</i>	<i>Description</i>	<i>Score</i>
Hazards addressed	2 – Addresses 2 or more hazards 0 – Addresses 1 hazard	0
Benefit to community	4 – Hazard Reduction 3 – Preparedness Against Hazard 2 – Mapping and Regulatory 1 – Public Information	4
Scope of Benefits	1 – Project serves 2 or more jurisdictions 0 – Project does not serve multiple jurisdictions	0
Population benefited	4 – This project could affect over 250,000 people and/or major portions of the county population 3 – This project could affect between 50,000 and 250,000 people 2 – This project could affect between 1,000 and 50,000 people 1 – This project could affect less than 1,000 people	1
Benefit to critical facilities	2 – Project benefits a critical facility 0 – Project does not benefit a critical facility	0
Benefit to critical infrastructure	2 – Project benefits critical infrastructure 0 – Project does not benefit critical infrastructure	0
Social Vulnerability Index of community benefited	This category is scored using the Social Vulnerability Index (SVI) provided with the FEMA National Risk Index. (Score = (SVI/100) *6)	2.16
Disruption to established neighborhoods and/or population groups after completion	4 – No disruption 2 – Minimal disruption 0 – Maximal disruption	4
Project Status	4 - Ready for construction 3 - Preliminary assessment 2 - Design 1 - Study 0 - Conceptual	0
Repetitive Loss Mitigation	4 – Alleviates severe verified repetitive loss. 2 – Loss may have occurred but was not formally documented 0 – No effect on repetitive loss	4
Lifespan of mitigation measure	4 - High - Expected to last/address hazards for 40 or more years 2 - Medium - Expected to last/address hazards for 20-39 years 0 - Low – Expected to last/address hazards for less than 20 years	4
Community Rating System	1 – Project supports CRS elements 0 – Project does not support CRS elements	1

Osceola County Local Mitigation Strategy Project Scoring Worksheet

Consistency with other guiding documents and plans	2 – Project shows consistency with 2 or more plans 1 – Project shows consistency with 1 other plan 0 – Project shows consistency with LMS but no additional plans (Examples: Comprehensive Plan, Floodplain Management Plan, etcetera)	2
Political support/local champion/public support	1 – Project demonstrates documentation of support from an organization other than the submitting agency 0 – Project does not demonstrate support from an organization other than the submitting agency	0
Regulatory Compliance	1 – No compliance issues 0 – Project demonstrates issues with regulatory compliance	1
Benefit Cost Analysis	6 – Benefit cost analysis is greater than 1.5 3 – Benefit cost analysis is 1.0 – 1.5 0 – Benefit cost analysis is less than 1.0	3
Funding Availability / Probability of Funding	6 – Funding is secured/budget line item 3 – Funding sources are available 0 – No funding sources can be identified	3
Complexity/Technical Feasibility	4 - Relatively easy to complete in a short period of time 3 - Not very complex based on the items listed below 2 - Somewhat complex due to one of the items listed below 1 – Complex due to two of the items listed below 0 – Complex project due to three or more items listed below Factors for complexity: • Time involved for planning and/or completion • Involves coordination of numerous agencies and/or jurisdictions • Permitting (Type of permitting required or the time period involved) • Difficulty in obtaining funding • Requires a public vote • Requires a public hearing	2
Project benefit to floodway/floodplains	4 - Project benefits publicized floodway 2 - Project benefits mapped floodplains 0 - No impact on floodplains	4
Total		35.16

This score was determined by a thorough review conducted by the Project Prioritization Subcommittee. All members of the Subcommittee were afforded the opportunity to provide their input, and the score is representative of their consensus.

Project Prioritization Subcommittee Chair or designee: _____

Robin Hinson

Signature

Osceola County Local Mitigation Strategy Project Submission Form

Project Name:				Submission Date:	
Primary Agency:	Partner Agencies:	Jurisdictions Benefited:	Address:	GPS:	
			Flood Zone:	USNG:	

Primary Contact:	Secondary Contact:	Estimated Project Cost:	Project Timeframe:
Name:	Name:		
		Estimated Annual Maintenance Cost:	
Agency:	Agency:	Benefit Cost Analysis: Project submissions must include a benefit cost analysis. Projects with a BCA less than 1 will not be considered. https://www.fema.gov/fact-sheet/fema-bca-toolkit-60-installation-instructions	
Email:	Email:		
Phone:	Phone:		
		BCA:	

List Potential Funding Sources

Primary Funding Source(s):		
Local Cost-Share(s) (Match) and Maintenance:		

Primary Community Benefit:

Primary LMS Category:

***Primary LMS Goal:**

***Primary Community Lifeline:**

Osceola County Local Mitigation Strategy Project Submission Form

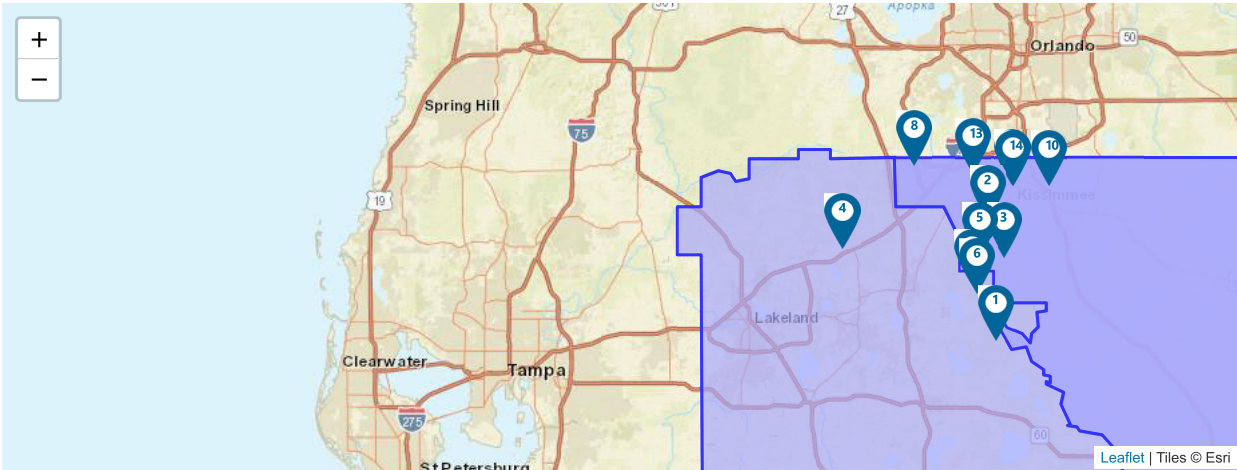
Additional Project Information:	
Population Benefited:	CRS Elements Addressed:
Project Lifespan:	<div style="display: flex; justify-content: space-between;"> Mitigates Repetitive Loss: <div> Yes No </div> </div> <p>Attach relevant documentation if applicable</p>
Project Status:	<div style="display: flex; justify-content: space-between;"> Benefits Critical Facilities: <div> Yes No </div> </div> <div style="display: flex; justify-content: space-between;"> Benefits Critical infrastructure: <div> Yes No </div> </div>
Social Vulnerability Index: Project submissions will be scored using the social vulnerability index provided with the FEMA national risk index: https://hazards.fema.gov/nri/map	Consistency with Additional Long Range Plans: Examples: Comprehensive plans, floodplain management plan, etcetera
<div style="display: flex; justify-content: flex-end; align-items: center;"> SVI: <div style="border: 1px solid black; width: 100px; height: 30px; margin-left: 5px;"></div> </div>	
<div style="text-align: center; margin-bottom: 10px;">Primary Hazards Addressed:</div> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> Tropical Cyclone Flooding Tornado Wildfire Severe Thunderstorm Pandemic Agriculture/Livestock Disease Geomagnetic Storm Sinkhole Climate Change </div> <div style="width: 50%;"> Cyber Attack Terrorism Nuclear Facility Incident Civil Unrest Mass Migration Transportation Incident Hazardous Material Release </div> </div>	


Osceola County Local Mitigation Strategy Project Submission Form

Project Description:	
Potential Disruption to Local Community:	Potential Regulatory Compliance Issues:

Benefit-Cost Analysis

Project Name: Toho Water Authority Emergency Power Project



Using 7% Discount Rate							Using 3% Discount Rate (For FY22 BRIC and FMA only)				
Map Marker ▲	Mitigation Title	Property Type	Hazard	Benefits (B)	Costs (C)	BCR (B/C)	Benefits (B)	Costs (C)	BCR (B/C)		
1	Generator @ 28.0168480; -81.4501020		DFA - Infrastructure Failure	\$ 287,433	\$ 94,036	3.06	\$ 398,345	\$ 98,024	4.06		
2	Generator @ 28.2334180; -81.4666830		DFA - Infrastructure Failure	\$ 1,635,267	\$ 361,736	4.52	\$ 2,266,269	\$ 365,724	6.20		
3	Generator @ 28.1666800; -81.4333490		DFA - Infrastructure Failure	\$ 2,142,176	\$ 378,436	5.66	\$ 2,968,779	\$ 382,424	7.76		
4	Generator @ 28.1835110; -81.7667050		DFA - Infrastructure Failure	\$ 4,291,370	\$ 378,436	11.34	\$ 5,947,284	\$ 382,424	15.55		
5	Generator @ 28.1667860; -81.4834960		DFA - Infrastructure Failure	\$ 2,132,492	\$ 206,936	10.31	\$ 2,955,358	\$ 210,924	14.01		
6	Generator @ 28.1002470; -81.4888890		DFA - Infrastructure Failure	\$ 1,130,115	\$ 378,436	2.99	\$ 1,566,193	\$ 382,424	4.10		
7	Generator @ 28.1168130; -81.5000680		DFA - Infrastructure Failure	\$ 1,007,059	\$ 378,436	2.66	\$ 1,395,653	\$ 382,424	3.65		
8	Generator @ 28.3335560; -81.6167830		DFA - Infrastructure Failure	\$ 2,566,731	\$ 198,536	12.93	\$ 3,557,158	\$ 202,524	17.56		
9	Generator @ 28.3001140; -81.4167030		DFA - Infrastructure Failure	\$ 1,490,527	\$ 248,736	5.99	\$ 2,065,678	\$ 252,724	8.17		
10	Generator @ 2550 Fortune Rd, Kissimmee, Florida, 34744		DFA - Infrastructure Failure	\$ 566,484	\$ 810,336	0.70	\$ 785,073	\$ 814,324	0.96		
11	Generator @ 951 Martin Luther King Blvd, Kissimmee, Florida, 34741		DFA - Infrastructure Failure	\$ 566,484	\$ 410,336	1.38	\$ 785,073	\$ 414,324	1.89		
12	Generator @ 951 Martin Luther King Blvd, Kissimmee, Florida, 34741		DFA - Infrastructure Failure	\$ 56,660	\$ 610,336	0.09	\$ 78,523	\$ 614,324	0.13		
13	Generator @ 28.3200400; -81.4979300		DFA - Infrastructure Failure	\$ 8,755,893	\$ 710,336	12.33	\$ 12,134,535	\$ 714,324	16.99		
14	Generator @ 951 Martin Luther King Blvd, Kissimmee, Florida, 34741		DFA - Infrastructure Failure	\$ 4,057,248	\$ 310,336	13.07	\$ 5,622,822	\$ 314,324	17.89		
TOTAL (SELECTED)				\$ 30,685,939	\$ 5,475,404	5.60	\$ 42,526,743	\$ 5,531,236	7.69		
TOTAL				\$ 30,685,939	\$ 5,475,404	5.60	\$ 42,526,743	\$ 5,531,236	7.69		

Toho Generator Data

Project No	Facility Name (LS No.)	Project Type	Facility Type	Lat/Long	Utility Type	Number of People Served (Within Service Area)	Year Built	Est Total Project Cost	Est Annual Maintenance Cost
1	HATCHINEHA-MASTER (94P)	Bypass Pump	Lift Station	28.016848, -81.450102	Wastewater	981		\$83,700.00	\$1,000.00
2	BROADMOOR EAST (4P)	Bypass Pump	Lift Station	28.233418, -81.466683	Wastewater	5,581		\$351,400.00	\$1,000.00
3	ILAND OF BELLALGO (39P)	Bypass Pump	Lift Station	28.166680, -81.433349	Wastewater	7,311		\$368,100.00	\$1,000.00
4	San Remo/Hunter Rd (17P)	Bypass Pump	Lift Station	28.183511, -81.766705	Wastewater	14,646		\$368,100.00	\$1,000.00
5	3999 Monterey Rd (27P)	Bypass Pump	Lift Station	28.166786, -81.483496	Wastewater	7,278		\$196,600.00	\$1,000.00
6	SOLIVITA Shorehaven/Auburn (63P)	Bypass Pump	Lift Station	28.100247, -81.488889	Wastewater	3,857		\$368,100.00	\$1,000.00
7	729 BARCELONA (89P)	Bypass Pump	Lift Station	28.116813, -81.500068	Wastewater	3,437		\$368,100.00	\$1,000.00
8	REVE IV- 2251 Delmos Ave (30K)	Bypass Pump	Lift Station	28.333556, -81.616783	Wastewater	8,760		\$188,200.00	\$1,000.00
9	ORANGE LAKES II- 8398 W. 192 (79K)	Bypass Pump	Lift Station	28.300114, -81.416703	Wastewater	5,087		\$238,400.00	\$1,000.00
10	Parkway WTP	Emergency Generator	Potable Water Plant		Potable Water	1,000		\$800,000.00	\$1,000.00
11	Richard McClaughlin Plant	Emergency Generator	Potable Water Plant		Potable Water	1,000		\$400,000.00	\$1,000.00
12	Richard McClaughlin Well #6	Emergency Generator	Well		Potable Water	0		\$600,000.00	\$1,000.00
13	Camelot Wastewater Facility #4	Emergency Generator	Waste Water Plant	28.32004, -81.49793	Wastewater	29,833		\$700,000.00	\$1,000.00
14	Champions Gate Lift Station (LS143)	Bypass Pump	Lift Station		Wastewater	13,847		\$300,000.00	\$1,000.00
15									
16									
17									
18									
19									
20									
21									
22									

Total Pop Served

102,618

Total cost of the project. Does NOT include grants management	Total Project Cost	\$5,330,700.00
The 75% federal share of the total project cost only.	Federal Share (75%)	\$3,998,025.00
The 25% local share of the total project cost only.	Local Share (25%)	\$1,332,675.00

This is optional, and is the maximum amount available for reimbursement	5% Grants Management	\$266,535.00
If the sub applicant request grants management funds, this is total amount that will be requested from the federal government	Total Federal Request	\$4,264,560.00

Targeted for Generator	Combined Service Locations	Estimated Population Served	Manifold LS	# of Service Locations
LS-94P	292	981	LS-94P	21
			LS-95P	36
			LS-96P	56
			LS-97P	42
			LS-98P	25
			LS-99P	112
LS-04P	1661	5581	LS-04P	159
			LS-107P	202
			LS-90P	487
			LS-140P	388
			LS-138P	350
			LS-149P	75
LS-39P	2176	7311	LS-39P	322
			LS-02P	226
			LS-133P	196
			LS-104P	505
			LS-118P	347
			LS-119P	265
			LS-148P	119
			LS-133P	196
LS-17P	4359	14646	LS-17P	1248
			LS-13P	105
			LS-14P	424
			LS-15P	420
			LS-16P	205
			LS-18P	157
			LS-19P	282
			LS-20P	362
			LS-21P	595
			LS-36P	351
			LS-37P	195
LS-27P	2166	7278	LS-136P	15
			LS-27P	321
			LS-22P	143
			LS-23P	432
			LS-24P	296
			LS-25P	387
			LS-26P	302
LS-63P	1148	3857	LS-28P	285
			LS-63P	218
			LS-112	217
			LS-113	202
			LS-61P	79
			LS-62P	197
LS-89P	1023	3437	LS-64P	235
			LS-89P	278
			LS-82P	281
			LS-81P	282
LS-30	2607	8760	LS-103P	182
			LS-30	1698
			LS-28	522
			LS-29	235
			LS-31	17
LS-79	1514	5087	LS-56	135
			LS-79	106
			LS-74	203
			LS-75	107
			LS-76	13
			LS-77	725
			LS-78	85
			LS-130	200
LS-143	4121	13847	LS-999	75
			LS-143	263
			LS-144	509
			LS-214	1068
			LS-241	167
			LS-260	871
			LS-221	1243

Osceola County Local Mitigation Strategy

Project Scoring Worksheet

Project Title: Toho Water Authority- Emergency Generators and Bypass Pumps

Agency: Toho Water Authority

Date: February 9, 2023

Score: 39.24

The LMS Project Scoring Worksheet was developed by the Project Prioritization Subcommittee using the STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) framework, which has been established as a best practice in hazard mitigation. Following this framework ensures that a thorough evaluation of each project is completed before it is submitted for funding and all potential impacts are taken into consideration. The Project Scoring Worksheet is designed to assist the LMS Working Group with project prioritization by ensuring that projects meet minimum eligibility requirements and by providing a reference score derived from an analysis based on the established criteria. The score is to serve only as a reference for the LMS Working Group when prioritizing projects, and alone does not determine project eligibility or prioritization.

Category	Description	Score
Hazards addressed	2 – Addresses 2 or more hazards 0 – Addresses 1 hazard	2
Benefit to community	4 – Hazard Reduction 3 – Preparedness Against Hazard 2 – Mapping and Regulatory 1 - Public Information	3
Scope of Benefits	1 – Project serves 2 or more jurisdictions 0 – Project does not serve multiple jurisdictions	1
Population benefited	4 – This project could affect over 250,000 people and/or major portions of the county population 3 – This project could affect between 50,000 and 250,000 people 2 – This project could affect between 1,000 and 50,000 people 1 – This project could affect less than 1,000 people	3
Benefit to critical facilities	2 – Project benefits a critical facility 0 – Project does not benefit a critical facility	0
Benefit to critical infrastructure	2 – Project benefits critical infrastructure 0 – Project does not benefit critical infrastructure	2
Social Vulnerability Index of community benefited	This category is scored using the Social Vulnerability Index (SVI) provided with the FEMA National Risk Index. (Score = (SVI/100) *6)	3.24
Disruption to established neighborhoods and/or population groups after completion	4 – No disruption 2 – Minimal disruption 0 – Maximal disruption	4
Project Status	4 - Ready for construction 3 - Preliminary assessment 2 - Design 1 - Study 0 - Conceptual	0
Repetitive Loss Mitigation	4 – Alleviates severe verified repetitive loss. 2 – Loss may have occurred but was not formally documented 0 – No effect on repetitive loss	0
Lifespan of mitigation measure	4 - High - Expected to last/address hazards for 40 or more years 2 - Medium - Expected to last/address hazards for 20-39 years 0 - Low – Expected to last/address hazards for less than 20 years	0
Community Rating System	1 – Project supports CRS elements 0 – Project does not support CRS elements	0

Osceola County Local Mitigation Strategy Project Scoring Worksheet

Consistency with other guiding documents and plans	2 – Project shows consistency with 2 or more plans 1 – Project shows consistency with 1 other plan 0 – Project shows consistency with LMS but no additional plans (Examples: Comprehensive Plan, Floodplain Management Plan, etcetera)	2
Political support/local champion/public support	1 – Project demonstrates documentation of support from an organization other than the submitting agency 0 – Project does not demonstrate support from an organization other than the submitting agency	0
Regulatory Compliance	1 – No compliance issues 0 – Project demonstrates issues with regulatory compliance	1
Benefit Cost Analysis	6 – Benefit cost analysis is greater than 1.5 3 – Benefit cost analysis is 1.0 – 1.5 0 – Benefit cost analysis is less than 1.0	6
Funding Availability / Probability of Funding	6 – Funding is secured/budget line item 3 – Funding sources are available 0 – No funding sources can be identified	6
Complexity/Technical Feasibility	4 - Relatively easy to complete in a short period of time 3 - Not very complex based on the items listed below 2 - Somewhat complex due to one of the items listed below 1 – Complex due to two of the items listed below 0 – Complex project due to three or more items listed below Factors for complexity: • Time involved for planning and/or completion • Involves coordination of numerous agencies and/or jurisdictions • Permitting (Type of permitting required or the time period involved) • Difficulty in obtaining funding • Requires a public vote • Requires a public hearing	4
Project benefit to floodway/floodplains	4 - Project benefits publicized floodway 2 - Project benefits mapped floodplains 0 - No impact on floodplains	2
Total		39.24

This score was determined by a thorough review conducted by the Project Prioritization Subcommittee. All members of the Subcommittee were afforded the opportunity to provide their input, and the score is representative of their consensus.

Project Prioritization Subcommittee Chair or designee: Robin Hinson
Signature

Osceola County LMS Working Group Mitigation Initiative List- Unassigned											
Priority Number	Project Name	Description	Hazard	Est. Time Frame for Completion	Responsible Jurisdiction	Point of Contact	Jurisdictions Benefitted	Date Added to List	Potential Funding Sources	Total Est. Cost	Project Score
1	Critical Facility Generators	Replacement of five (5) mobile 200KW/250KVA generators that serve as back-up power during emergencies for shelter locations, healthcare facilities, and other critical infrastructure throughout the county; current generators will be retained in inventory to serve as additional back-up, expanding response capabilities	All Hazards	>12 Months	Osceola County	Bill Litton, Emergency Management Director	Countywide	9/8/2022	HMGP, BRIC	\$1,255,890	38.24
2	Lift Station Emergency Power	Purchase of permanent generators to use at lift stations in the event of an extended power outage. And digital installation.	Flooding, Hurricane, Severe Weather, Lightning, Tornado	>12 Months	City of St. Cloud; Toho Water Authority	Cameron Crandell, Deputy Public Works Director	Countywide	2/16/2015	HMGP, PDM	\$75,000/each	
3	Mitigate Flooding on 17th Street	On 17th Street at the Senior Special Needs Shelter, flooding occurs. Need to raise the road about three feet, rebuild the drainage system, and install curb units.	Flooding	>12 Months	City of St. Cloud	Cameron Crandell, Deputy Public Works Director	City of St. Cloud	2/16/2015	HMGP, PDM	\$750,000	
4	City Hall Hardening	Provide permanent hardening of the City Hall building using high impact rated aluminum curtainwall and storefront along with glazing. Mitigation of building would impact approximately 700 employees. Building currently houses City IT Department, Building Services, Fire Administration, Public Works, and Records.	Hurricane, Tornado, Severe Weather	180 Days	City of Kissimmee	Nagel Altrui, Street and Stormwater Manager	City of Kissimmee	2/16/2015	HMGP, PDM	\$4.5 Million	
5	Uniform Emergency Connections	Need uniform emergency connections for pumps and generators standard plug receptacles. Change out non-standard plugs and pre-make generator pig tails.	All Hazards	>12 Months	City of St. Cloud	Cameron Crandell, Deputy Public Works Director	Countywide	2/16/2015	HMGP, PDM	\$15,000/each	
6	Marsh Road - Repetitive Loss Property	Relocation of the building to a flood free site. The Mitigation of the flood risk to these repetitive loss properties will reduce the overall costs to the NFIP as well as to individual homeowner.	Flooding	>12 Months	Property Owner	Susan Gosselin, Natural Resource Manager	Osceola County	2/14/2011	HMGP, PDM, FMA, RFC, SRL	\$63,375	
7	St. Cloud Fire Facilities Generator Improvements	Improvements to the generator enclosures and emergency generator connectors at Fire Stations #31, #32, and #33.	Tropical Cyclone	12 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/9/2021	HMGP	\$350,000	
8	Fire Logistics Building Hardening	Hardening of the Fire Logistics Building to include storm shutters, impact windows, roof improvements, garage do	Tropical Cyclone	12 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/9/2021	HMGP	\$400,000	
9	Fire Station #32 Hardening	Hardening of Fire Station #32 to include storm shutters, impact windows, roof improvements, etc.	Tropical Cyclone	12 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/9/2021	HMGP	\$500,000	
10	Buenaventura Lakes Water Treatment Plant Upgrade	Capacity and efficiency improvements	Flooding	18 Months	Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, Osceola County Unincorporated, Osceola County Polkiana	12/9/2021	HMGP	\$7,943,000	
11	160 Acre Site Aquifer Storage and Recovery Drought Mitigation	Aquifer Storage and Recovery project consisting of installing new Floridan aquifer groundwater wells, associated water treatment plant, and high service pumping	Climate Change	36 Months	Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, Osceola County Unincorporated, Osceola County Polkiana	12/9/2021	HMGP, BRIC	\$97,020,000	
12	Central & Southern Florida Hydrologic Model Updates & Infrastructure Improvements	The Central & Southern Florida (CS&F) System is the flood control system that regulates lake stages and drainage flow south. It was designed and constructed in the 1950s-1960s using the existing land use at that time to provide a level of service for a 10 year storm event. Development, as well as other factors, decreased the designed flood protection level of service by over 1/2 in the most of the upper Kissimmee Basin. There is also an unaccounted for drainage area outside the jurisdiction of SFWMD that drains to the C&SF system. Local, State & Federal partnerships would be needed. Phase 1 of this project includes updating the current SFWMD integrated watershed model for the CS&F system to address unaccounted for drainage flows from outside the SFWMD boundaries. The flood control level of service would be determined (FY17-FY18). Phase 2 includes a level of service impact analysis of operational and structural modifications as well as costs and recommendations for implementation. Phase 3 consists of Environmental Impact Studies and Federal approval permitting and implementation of structural and operational modifications.	Flooding	Ph. 1 (Modeling Update) – 24-36 months Estimated to be a 20 year project from model update to C&SF infrastructure and operation modifications	South Florida Water Management District	Kathy LaMartina, Regional Representative	Osceola County, City of Kissimmee, City of St. Cloud, Deseret Ranches, SFWMD, SFWMD	4/1/2015	HMGP, SFWMD, SJRWMD, local government entities, Florida Legislative Funding	Phase 1: \$8,500,000	
13	Old Canoe Creek Road Metal Culvert Replacement	Replacement of culverts for Old Canoe Creek Road	Flooding	Varies depending on the project 12 Months to 2 Years	Osceola County	Linette Matheny, Assistant County Engineer	Osceola County	4/1/2015	HMGP, PDM	\$500,000	37.94



STATE OF FLORIDA

DIVISION OF EMERGENCY MANAGEMENT

Ron DeSantis
Governor

Kevin Guthrie
Director

MEMORANDUM

To: Local Governments, State and Regional Agencies, Indian Tribal Governments, Local Mitigation Strategy Working Groups, and Private Non-Profit Organizations Submitting Hazard Mitigation Grant Program Applications for Hurricane Ian (DR-4673)

From: Kevin Guthrie, State Coordinating Officer

Subject: Hazard Mitigation Grant Program Notice of Funding Availability

Date: February 21, 2023

Program Summary

The Florida Division of Emergency Management (Division) is pleased to announce the availability of Hazard Mitigation Grant Program (HMGP) funds as a result of the recent Presidential Disaster Declaration for Hurricane Ian (FEMA 4673-DR-FL).

HMGP funding is authorized by Section 404 of the Robert T. Stafford Disaster Relief Act. This funding helps communities implement measures to reduce or eliminate long-term risk to people and property from natural hazards and their effects. The Division encourages all potential applicants to submit applications for projects that address eligible mitigation activities. The amount of HMGP funding available to the state is based on the total federal disaster assistance for the Presidential Disaster Declaration.

Current Changes

The Division will be using the FDEM Portal for the HMGP process. Applications are currently being accepted through the FDEM Portal and doing so **does not** require an additional hard copy submission. Hard copy applications are permitted pursuant to the Rule 27P-22, Florida Administrative Code; however, **the Division highly encourages all applications to solely be uploaded through the FDEM Portal**. If an applicant chooses to submit a hard copy of their application, a digital submission through the FDEM Portal is strongly advised, as processing and project management will be done through this system.

If you have been granted access to the FDEM Portal for a past event, please use your existing account and do not re-register. If you have problems accessing your account, please use the FDEM Portal contact below.

Application Timeline

The application period will close on May 31, 2023. The Division encourages potential applicants to submit complete applications before the close of the application period. Applications will only be accepted from eligible applicants as defined in the *Minimum Program Eligibility* section of this notice.

FDEM Portal Submission: If you have not already registered for access to the FDEM Portal, please see the instructions in [Attachment H](#) to do so. The information required for submitting a complete application through the FDEM Portal is the same as the State of Florida HMGP Application ([Attachment F](#)), which can be used as a reference to collect all of the information necessary for your project prior to submission. If an application is submitted through the FDEM Portal, no hard copies will be required.

A complete digital submission of your application, and all necessary supporting documentation, should be uploaded to the FDEM Portal no later than

May 31, 2023 11:59 p.m. (EDT)

It is imperative that your access request for the FDEM Portal is received by the Division no later than 5:00 p.m. EDT on May 31, 2023 in order to meet the application deadline.

Hard Copy Filing: If a hard copy is filed, please provide just one original of the State of Florida HMGP Application and all appropriate attachments. In addition, submit your project(s) and all relevant documentation to the FDEM Portal using the directions detailed above and in [Attachment H](#).

Any hard copy applications sent by mail or other carrier to the Division must be postmarked on or before **May 31, 2023**. Hand-delivered applications must be stamped in at the Division no later than **5:00 p.m. EDT on May 31, 2023**.

The HMGP application and all other pertinent resources for completing the application may be obtained at the Division's website located at www.floridadisaster.org/dem/mitigation/hazard-mitigation-grant-program/ in the section HMGP Application and Resources.

Questions regarding the FDEM Portal system may be directed to:

Jared Jaworski
(850)544-8372
Jared.jaworski@em.myflorida.com

Any completed hard copy applications must be sent to the following address:

ATTN: Kathleen Marshall, Hazard Mitigation Grant Program
Florida Division of Emergency Management
Mitigation Bureau
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

Minimum Program Eligibility

Eligible Applicants: According to the Code of Federal Regulations (CFR) 44 §206.434(a), the following parties are eligible to apply for Hazard Mitigation Grant Program funds:

- State and local governments who have an approved Local Mitigation Strategy (LMS) in accordance with 44 CFR §201.6, prior to receipt of HMGP subgrant funding for projects;
- Private non-profit organizations or institutions that own or operate a private non-profit facility as defined in §206.221(e); and
- Indian tribes or authorized tribal organizations.

However, be advised that pursuant to Rule 27P-22, Florida Administrative Code, all project applications must go through the Local Mitigation Strategy Working Group (LMSWG) in the county where the project will take place. Any application sent to the Division without a signed endorsement letter, from either the Chair or Vice-Chair of an LMSWG, will be denied.

Eligible Activities: Activities include mitigation projects that will result in protection of public or private property from natural hazards. Activities for which implementation has already been initiated or completed are not eligible for funding. Eligible projects include, but are not limited to, the following:

- Acquisition or relocation of hazard-prone structures;
- Retrofitting of existing buildings and facilities that will result in increased protection from hazards;

- Elevation of flood-prone structures;
- Infrastructure protection measures;
- Stormwater management improvements;
- Minor structure flood control;
- Flood diversion and storage;
- Aquifer storage and recovery;
- Floodplain and stream restoration;
- Residential and community safe room construction; and/or
- Generators for a critical facility, provided they are cost-effective, contribute to a long-term solution to the problem that they are intended to address, and meet other project eligibility criteria as required by 44 CFR §206.434(c); or generators that are an integral part of a larger eligible project.

Ineligible Activities: The state will **not** consider funding requests for the following:

- Construction of new facilities (Nevertheless, the cost associated with above-code upgrades to new facilities may be considered);
- Equipment such as emergency pumps, vehicles, and communication devices;
- Stand-alone studies, design, and planning-related activities;
- Tree removal, debris removal, and other forms of maintenance; or
- ***Projects already in progress*** (*Construction may not begin until the contract between the State and subrecipient is executed and the project has met requirements of the National Environmental Policy Act*).

Eligibility Criteria: All projects submitted must meet *minimum criteria* to be considered for funding. An eligible project must:

- Conform to the requirements stated in this Notice of Funding Availability;
- Conform to the Florida State Hazard Mitigation Plan and the respective community's LMS;
- Conform to the funding priorities for the disaster, as established in the appropriate LMS;
- Demonstrate cost-effectiveness;
- Be technically feasible;
- Benefit the designated disaster area;
- Conform to all applicable environmental laws and regulations, as well as Executive Orders;
- Solve a problem independently or constitute a functional part of a solution;
- Benefit a National Flood Insurance Program (NFIP) participating community that is not on probation or suspended from the NFIP; and
- Meet all applicable State and local codes and standards.

Cost-Share Requirements

Under the HMGP, FEMA will contribute up to 75-percent of the total amount approved under the grant award to implement eligible, cost-effective mitigation measures. The applicant must provide the remaining 25-percent non-federal share. Contributions, cash, and in-kind services are acceptable as part of the non-federal share. Requirements for in-kind contributions can be found in 2 CFR §200.306. In-kind contributions must be directly related to the eligible project cost and are those personnel, materials, equipment and supplies owned, controlled, and operated by the applicant or a third-party contributor.

Applicants may use the Global Match concept as part of the 25-percent non-federal share. Global Match permits a potential applicant to meet the non-federal share match by receiving credit for state and/or local government funds that were committed to a similar type of project(s). These similar, **non-federally** funded projects must meet all of the HMGP eligibility requirements. This means that if Global Match is approved, the applicant may receive up to 100-percent federal share. Phased projects are not eligible for Global Match.

Pre-Award Costs

Prior to receiving a grant award, pre-award costs may be requested. Pre-award costs include items such as engineering, environmental study, permitting, and other "soft" costs associated with a construction project. *Construction activities are not considered pre-award costs.* Pre-award costs must be requested in writing by submitting a signed Pre-award request form. Directions for getting this form are included in [Attachment A](#).

Procurement

Any procurement of property or services under a federal award must conform to 2 CFR §200 Subpart D (§§ 200.317 - 200.326). This also includes any activities performed as a part of the pre-award request.

Sub-Recipient Management Costs

Per FEMA Hazard Mitigation Grant Program Interim Policy 104-11-1, HMGP projects awarded under disasters, on or after the effective date, are eligible for sub-recipient management costs (SRMC) up to a hard cap of 5 percent of their eligible and actual project costs. SRMC is a separate pool of funding and will not be calculated as part of the benefit-cost analysis (BCA). SRMC will be reimbursed at a 100 percent federal cost share following the submission of compliant source documentation in conformance with 2 CFR 200, Subpart E. Additional information on SRMC can be found in the attached application ([Attachment F](#)) and the HMGP SRMC Request Form ([Attachment G](#)). Any applicant requesting SRMC will need to submit [Attachment G](#) along with their application.

County Funding Allocation

To ensure funds are distributed equitably, designated counties have been assigned a portion of the total HMGP grant. The amount is based on a calculation of the proportional share of the total federal assistance under the Public Assistance (PA), Individual Assistance (IA), and Small Business Administration (SBA) programs. Commitment of project funds by the Division is contingent upon receipt of appropriate Legislative Budget Authority.

These figures are shown in [Attachment B](#) and represent the estimated amount of HMGP funds currently available. HMGP funding is available only to those counties that have a current FEMA-approved LMS. Project applications will be considered only if:

- (1) The application is accompanied by an endorsement by the LMS Chairperson or Vice-Chairperson stating that the project is included in the current LMS; and,
- (2) If more than one project is submitted, the endorsement indicates the prioritization. A sample project submission letter is shown in [Attachment C](#).

The Division will attempt to fund each submitted project in priority order until the county's allocation has been exhausted. In accordance with Florida Administrative Code (F.A.C.) 27P-22.006, the Division uses the following tiered allocation system up until the State application deadline with FEMA:

Tier 1

The available HMGP funds are allocated to counties included in the relevant Presidential Disaster Declaration in proportion to each county's share of federal disaster funding from the Public Assistance (PA), Individual Assistance (IA), and Small Business Administration (SBA) Disaster Loan Program as of 120 days after a Disaster Declaration as reported by FEMA. Eligible projects submitted by each county included in the relevant Presidential Disaster Declaration will be funded in order of priority as outlined in the LMS until the allocated funds are exhausted or all eligible projects are funded.

Tier 2

Any allocation remaining after all eligible projects in any declared county are funded shall be re-allocated to those counties included in the relevant Presidential Disaster Declaration whose allocation was not sufficient to fund all submitted eligible projects. The order of priority for re-allocating funds is detailed in [Attachment D](#).

Tier 3

In the event funds remain after the Tier 1 and Tier 2 processes, any remaining funds will be offered on a statewide basis as described in [Attachment D](#).

Please see [Attachment D](#) for a detailed explanation of funding tiers.

Funding Availability and Notification

FEMA notifies the State of HMGP funding availability at the following milestones:

Initial 30-Day Estimate

This is an early estimate only and not an actual commitment of funding by FEMA. Funding may increase or decrease based on actual disaster claims during the declaration period. These estimates are provided for planning purposes and to jump-start the HMGP application process.

Obligation prior to 12 Months

Prior to the 12-month lock-in, FEMA will only obligate funds up to 75% of any current estimate. This is to eliminate the risk of over-obligating funds for any given disaster in the event the 12-month lock-in is lower than initially estimated.

12 Months from the Date of Declaration

This represents the State's Lock-in Amount. It is the maximum amount available that the state can expect to receive from FEMA. In rare occurrences, FEMA may conduct a subsequent review 18 months after the declaration, but only at the request of the State. The estimate from that review may cause the final lock-in to fluctuate up or down depending on the findings.

It is important for potential applicants to recognize that HMGP funds are contingent upon FEMA's reexamination of the disaster figures at the given time intervals. A county's funding allocation can increase or decrease after it has submitted an application.

Technical Assistance

The Division is in the process of scheduling HMGP application development workshop webinars. The webinars will focus on the declared counties so that their project-specific concerns can be addressed by state staff. The Division will be in touch with these counties in the next few weeks to finalize dates and times.

Please check the Division's website www.floridadisaster.org/dem/mitigation/hazard-mitigation-grant-program for additional technical guidance. The Division will provide technical assistance throughout the application process. This includes assistance with the application process, Benefit Cost Analysis, Engineering Feasibility and Environmental/Historical Preservation Compliance. If there are any questions regarding the allocation of funds or the project review and selection criteria, please call Bureau staff at one of the following numbers:

Program Eligibility: (850) 815-4537 or (850) 815-4503

Environmental: (850) 815-4582

Engineering and Technical Feasibility: (850) 528-5713

FEMA-4673-DR-FL
30-Day Estimate as of 11/8/2022

County	Regular Projects HMGP Funding	25% Match Required
Alachua	\$ 1,788,082.07	\$ 596,027.36
Baker	\$ 1,781,434.88	\$ 593,811.63
Bay	\$ 1,778,269.79	\$ 592,756.60
Bradford	\$ 1,778,269.79	\$ 592,756.60
Brevard	\$ 4,682,156.48	\$ 1,560,718.83
Broward	\$ 1,927,404.90	\$ 642,468.30
Calhoun	\$ 1,778,269.79	\$ 592,756.60
Charlotte	\$ 80,144,916.39	\$ 26,714,972.13
Citrus	\$ 1,778,269.79	\$ 592,756.60
Clay	\$ 1,789,627.24	\$ 596,542.41
Collier	\$ 36,063,710.00	\$ 12,021,236.67
Columbia	\$ 1,778,269.79	\$ 592,756.60
DeSoto	\$ 12,787,418.78	\$ 4,262,472.93
Dixie	\$ 1,778,269.79	\$ 592,756.60
Duval	\$ 1,799,862.00	\$ 599,954.00
Escambia	\$ 1,778,269.79	\$ 592,756.60
Flagler	\$ 2,777,857.03	\$ 925,952.34
Franklin	\$ 1,778,269.79	\$ 592,756.60
Gadsden	\$ 1,780,574.38	\$ 593,524.79
Gilchrist	\$ 1,778,269.79	\$ 592,756.60
Glades	\$ 2,016,020.92	\$ 672,006.97
Gulf	\$ 1,778,269.79	\$ 592,756.60
Hamilton	\$ 1,778,269.79	\$ 592,756.60
Hardee	\$ 5,717,742.47	\$ 1,905,914.16
Hendry	\$ 2,387,537.32	\$ 795,845.77
Hernando	\$ 1,800,482.61	\$ 600,160.87
Highlands	\$ 6,698,625.36	\$ 2,232,875.12
Hillsborough	\$ 15,970,058.55	\$ 5,323,352.85
Holmes	\$ 1,778,269.79	\$ 592,756.60
Indian River	\$ 1,828,373.13	\$ 609,457.71
Jackson	\$ 1,778,269.79	\$ 592,756.60
Jefferson	\$ 1,778,269.79	\$ 592,756.60
Lafayette	\$ 1,778,269.79	\$ 592,756.60
Lake	\$ 3,658,748.31	\$ 1,219,582.77

County	Regular Projects HMGP Funding	25% Match Required
Lee	\$ 339,993,584.38	\$ 113,331,194.79
Leon	\$ 1,782,005.33	\$ 594,001.78
Levy	\$ 1,781,171.55	\$ 593,723.85
Liberty	\$ 1,778,269.79	\$ 592,756.60
Madison	\$ 1,778,269.79	\$ 592,756.60
Manatee	\$ 9,487,012.60	\$ 3,162,337.53
Marion	\$ 1,784,797.06	\$ 594,932.35
Martin	\$ 1,849,345.93	\$ 616,448.64
Miami-Dade	\$ 2,950,885.29	\$ 983,628.43
Monroe	\$ 3,582,750.09	\$ 1,194,250.03
Nassau	\$ 1,778,269.79	\$ 592,756.60
Okaloosa	\$ 1,778,269.79	\$ 592,756.60
Okeechobee	\$ 2,301,620.34	\$ 767,206.78
Orange	\$ 31,395,453.91	\$ 10,465,151.30
Osceola	\$ 12,635,498.74	\$ 4,211,832.91
Palm Beach	\$ 3,752,737.60	\$ 1,250,912.53
Pasco	\$ 2,633,154.81	\$ 877,718.27
Pinellas	\$ 6,348,797.74	\$ 2,116,265.91
Polk	\$ 15,881,523.81	\$ 5,293,841.27
Putnam	\$ 2,726,890.29	\$ 908,963.43
Santa Rosa	\$ 1,778,269.79	\$ 592,756.60
Sarasota	\$ 55,658,953.45	\$ 18,552,984.48
Seminole	\$ 15,315,443.62	\$ 5,105,147.87
St. Johns	\$ 3,382,904.01	\$ 1,127,634.67
St. Lucie	\$ 1,799,296.25	\$ 599,765.42
Sumter	\$ 1,824,584.85	\$ 608,194.95
Suwannee	\$ 1,778,269.79	\$ 592,756.60
Taylor	\$ 1,778,269.79	\$ 592,756.60
Union	\$ 1,778,269.79	\$ 592,756.60
Volusia	\$ 48,425,932.00	\$ 16,141,977.33
Wakulla	\$ 1,778,269.79	\$ 592,756.60
Walton	\$ 1,778,269.79	\$ 592,756.60
Washington	\$ 1,778,269.79	\$ 592,756.60
	\$ 800,929,991.00	\$ 266,976,663.67

Based on NEMIS as of 11/8/2022