

Special Meeting Agenda (DR-4673-FL)
Collier County Local Mitigation Strategy (LMS) Working Group
Conference Rooms A/B, South Regional Library
8065 Lely Cultural Pkwy, Naples, FL
34113
0930hrs, December 08, 2023

1. Approval of
 - a. October 12, 2023 Regular Meeting Minutes
2. Quorum for meeting (In-Person)
3. Membership
 - a. Lisa Koehler – Primary for South Florida Water Management District (SFWMD)
4. Project(s) for Review:
 - a. Naples Airport Authority (NAA) Electrical Building Retrofit
 - POC: Justin Lobb | jlobb@flynaples.com | 239-643-0733
5. Project Priority List (PPL) Revalidation – 2023
 - a. Need to vote on updated PPL for FDEM Annual LMS Update (2023)
6. Grant Opportunities –
 - a. HMGP – Ian (DR-4673-FL) 12-Month Lock-In
 - 30-Day Estimate as of 11/08/2022 was \$36,063,710.00 for Collier
 - 12-Month Lock-In as of 10/17/2023 was \$46,198,985.01 for Collier
 - \$46,198.985.01 - \$36,063,7610.00 = \$10,135,275.01 increase
 - b. SB4-A Waiver Program - OPEN
 - During the 2022 Special Session, the Florida Legislature passed Senate Bill 4-A allocating \$350 million dollars to provide one-half of the required match for FEMA’s Public Assistance (PA) program to local governments impacted by Hurricane Ian (DR-4673) and Hurricane Nicole (DR-4680)
 - FEMA Local Match Requirements: Cover the local match cost share required for projects funded under the Hazard Mitigation Grant Program (HMGP), Building Resilient Infrastructure and Communities (BRIC), or Flood Mitigation Assistance (FMA)
 - **Open: 08/23/2023**
 - **End: 06/30/2027, or until funds are completely depleted, whichever comes first**
 - https://www.floridadisaster.org/globalassets/demes-sb4a-job-aid_external.pdf

- FDEM Grant Contact Information
 - FDEM HMGP POC: Jared Jaworski
(Jared.Jaworski@em.myflorida.com | 850-544-8372)
 - FDEM is requiring 100% digital submission for grant submissions
 - FDEM Portal
 - Register at www.fdemportal.com/grants
 - Sub-applicants must request access prior to the application deadline to avoid late submissions
- c. BRIC/FMA – **Closed as of 08/31/2023**
 - FY23 Cycle – September 2023 (estimated)
 - Notice of Interest (NOI) Form will be required for ALL subapplicants
 - NOI forms can be submitted to
 - Non-DisasterPrograms@em.myflorida.com
 - **Submit by August 31, 2023**
 - POC: Susan Harris-Council, Program Manager
 - (850) 815-4532
- d. FEMA FMA “Swift Current”
 - Provides funding NFIP-insured structures AFTER a major disaster declaration for a major flood event
 - Total funding (nationwide) for Fiscal Year 2023 is \$300 million
 - Initiated through the Infrastructure Investment and Jobs Act (IIJA), BKA [Bipartisan Infrastructure Law \(BIL\)](#)
 - SRL, RL, and properties deemed Substantially Damaged (SD) after the applicant’s disaster declaration date
 - <https://www.fema.gov/grants/mitigation/flood-mitigation-assistance/swift-current>
- e. Hurricane Loss Mitigation Program Retrofit Grant (HLMP)
 - 215.559, F.S. Hurricane Loss Mitigation Program
 - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
 - FDEM HLMP **Interim** Program Manager
 - Jillian.Holzman@em.myflorida.com
 - Gulf Coast State College Mobile Home Tie Down Program
 - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
 - Contact Gulf Coast State College at 850-872-3807

7. LMS Update

- a. LMS update was approved by FEMA on May 7, 2020. The LMS expires on April 13, 2025.
- b. Next 5-Year Update Cycle Begins Soon with expiration letters being sent out from FDEM in six-month cycle (18, 12, 6 months prior)
- c. Kick-off meetings (18-24 months prior to expiration)

8. Other News –

a. Collier County’s Comprehensive Emergency Management Plan (CEMP) –

- Approved by the Florida Division of Emergency Management (FDEM) on 02/28/2021
- Approved by BCC at the 04/13/2021 Regular Meeting.

b. Flood News

c. Wildfire News

d. Other News

- **NEW FEMA HMA Guidance released on 03/23/2023**

- <https://www.fema.gov/grants/mitigation/hazard-mitigation-assistance-guidance>
- Guidance for Hurricane Ian and Hurricane Nicole is the historical 2015 HMA Guidance
 - https://www.fema.gov/sites/default/files/2020-04/HMA_Guidance_FY15.pdf

9. Next regular meeting: **19 January 2024**, 0930hrs, location **South Regional Library**.

a. Meeting adjourned at 10:06 am

ATTACHMENT(S)

1) PROJECT WORKSHEET FOR REVIEW:

- a) Naples Airport Authority (NAA) Electrical Building Retrofit

2) October 12, 2023, Collier LMSWG Regular Meeting Minutes (PROJECT SCORESHEETS REMOVED)

Attachment 1 – Naples Airport Authority (NAA) Critical Electrical Bldg Retrofit

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| MITIGATION INITIATIVES EVALUATION SCORE SHEET |
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Instructions: Applicant completes this score sheet for EACH Project. Information required in each of the Shaded Areas. Submit this score sheet in MS Word format to the Emergency Management Office electronically: Jennifer.Schmidt@colliercountyfl.gov. Questions, call: 252-3603

If a submitter does not agree with the final determination, he or she shall have the right to meet with the scoring committee to present compelling information to change the score.

PART I

| | | | | | | | |
|--|-----------|---|----------------|---|--------------------------|------------------|--|
| PROJECT TITLE: | | NAPLES AIRPORT AUTHORITY ELECTRICAL VAULT | | | | | |
| Project Location: | | Naples Airport, 160 Aviation Drive North, Naples, FL 34104 | | | | | |
| <i>TYPE PROJECT ("X" appropriate box, or explain)</i> | | | | | | | |
| Acquisition | Elevation | Relocation | Reconstruction | Essential Facility Retrofit | Non-Residential Retrofit | New Construction | Special Considerations or Impact Statement, if any: The electrical vault is classified as critical infrastructure per the City of Naples' Vulnerability Assessment Report. |
| | X | | | X | | | |
| What Goal or Objective does this address (See Sec. 3.0, LMS)? | | | | Goal 1 and Goal 3 | | | |
| What hazard(s) does this project or initiative correct/mitigate? | | | | Flood, Tropical Cyclone, Sea Level Rise | | | |
| Who (what community) benefits from this project or initiative? | | | | Airport Users and General Public | | | |
| Does this project or initiative address mitigation on NEW infrastructure or buildings? | | | | | | Yes | |
| Does this project or initiative address mitigation on EXISTING infrastructure or buildings? | | | | | | No | |
| Project or Initiative Description: | | <p>The current electrical vault that runs the main airport electrical feed was within inches of flooding during Hurricane Ian storm surges. The existing vault which is a piece of critical infrastructure for the airport was in jeopardy of water inundation as the reported water surge level was within 6" of entering the vault structure. Breach of the electrical vault would cause an extended outage of the airfield lighting, signage, and aircraft navigational aids that are critical for nighttime and/or low visibility operations. This would significantly impact users of the airport, including disaster relief operations, EMS, Collier County Sheriff's Office, Coast Guard, mosquito control, air ambulance, and would be a major disruption for the 120,000 annual aircraft operations. The lead time for replacement transformers could also take months (currently 22 weeks per manufacturer)</p> <p>The mitigation project would include constructing a new hurricane rated concrete airfield electrical vault designed in accordance with Florida and local building codes. The new vault would be relocated and elevated so that its floor elevation is at or above the 500-year flood elevation. Lightning protection and surge suppression would be included. All electrical equipment would be raised a minimum of two feet above floor level. All conduit penetrations would be through the wall at an elevation of at least three feet above finished floor level and be sealed against environmental intrusion. A new emergency stand-by generator would be installed to accept the full electrical load of the vault during a utility power outage. The generator would be installed at least 2 feet above the BFE and would include a weatherproof enclosure, lightning protection, surge suppression equipment, and an automatic transfer switch.</p> | | | | | |

| | | | |
|--|---------------------|--------------------------|-----------------------|
| Applicant and Responsible Agency: | | Naples Airport Authority | |
| Agency Contact Information | | | |
| NAME | E-Mail | PHONE | |
| Justin Lobb, Deputy Director of Aviation | jlobb@flynaples.com | 239-643-0733 | |
| Potential Funding Source(s) | FEMA HMGP 404 | Estimated Cost | \$5,223,840.30 |

| SUITABILITY | | | SCORE | FOR LMS WG ONLY |
|-------------|--|--|----------|-----------------|
| 1 | Appropriateness of the Measure | 5- High: Reduces vulnerability and is consistent with Local Mitigation goals and plans for future growth. 3- Medium: Needed but isn't tied to an identified vulnerability. 1- Low: Inconsistent with LMS goal or plans. | 5 | |
| 2 | Community Acceptance | 5- High: Endorsed by most communities. 3- Medium: Endorsed by most; may create burdens. 1- Low: Not likely to be endorsed by the communities. | 5 | |
| 3 | Environmental Impact | 5- Positive effect on the environment. 3- No effect 1- Adverse effect on the environment. | 3 | |
| 4 | Legislation | 5- High: Consistent with the existing laws and regulations. 3- Medium: New legislation or policy change. 1- Low: Conflicts with existing laws and regulations. | 5 | |
| 5 | Consistent with Existing Plans and Priorities. | 5- High: Consistent with existing plans. 3- Medium: Somewhat consistent. 1- Low: Conflicts with existing plans and policies. | 5 | |

| RISK | | | SCORE | FOR LMS WG ONLY |
|------|---|--|----------|-----------------|
| 1 | Scope of Benefits | 5- High: Benefits all municipalities and unincorporated area directly or indirectly 3- Medium: Benefits half or more, but not all the municipalities and/or the unincorporated areas. 1-Low: Benefits less than half of the municipalities and/or the unincorporated area. | 3 | |
| 2 | Potential to protect human lives | 5- High: More than 1,000 lives 3- Medium: Up to 1,000 lives 0- Low: No lifesaving potential. | 5 | |
| 3 | Importance of Benefits | 5- High: Need for essential services. 3- Medium: Need for other services. 1- Low: No significant implications. | 5 | |
| 4 | Inconvenience of Problem Correction | 5- None: Causes no problems. 3- Moderate: Causes few problems. 1- Significant: Causes much inconvenience (i.e. traffic jams, loss of power, delays). | 3 | |
| 5 | Economic Loss (Effect of implementing the project on local economy) | 5- Minimal: Economic loss has little effect during the project. 3- Moderate: Economic loss (minimal disruption). 1- Significant: Economic loss (businesses closed; jobs affected). | 5 | |
| 6 | Number of People to directly Benefit | 5- High: More than 20,000 3- Medium: 4,000 –20,000 1- Lower: Fewer than 4,000 | 5 | |

| COST | | | SCORE | FOR LMS WG ONLY |
|------|--|---|-------|-----------------|
| 1 | Initial Cost | 5- Low: \$0 to \$250,000 3- Moderate: \$251,000 to \$1 million 1- High: More than \$1 million | 1 | |
| 2 | Maintenance /Operating Costs | 5- Lower costs: Less than 5% per annum of the initial cost. 3- Moderate: 5%-10% per annum of the initial cost. 1- High: More than 10% per annum of the initial cost. | 3 | |
| 3 | Environmental Cost Impact | 5- Positive effect on the environment. 3- No effect 1- Adverse effect on the environment. | 3 | |
| 4 | Financing Availability | 5- Good: Readily available with grants and/or matching funds 3- Moderate: Limited matching funds available 1- Poor: No funding sources or matching funds identified | 5 | |
| 5 | Repetitive <u>FLOOD</u> damages corrected (applies ONLY to NFIP-insured structure(s) w/two paid flood losses). | 5- High: Corrects repetitive loss/severe repetitive loss 3- Medium: Possible repetitive loss mitigation, but not documented. 1- Low: Improves NFIP flood insured. 0- Not a NFIP insured structure. | 0 | |

PART II

Benefit Cost Analysis – QUICK WORKSHEET

This worksheet to be filled out by the applicant, is designed only for the Local Mitigation Strategy Working Group use only. This gives the group a flavor for the potential benefits that the project may yield. Here’s your chance to quantitatively make the case for your project as COST EFFECTIVE. This BCA is not the same one as the FEMA BCA. The FEMA BCA requires a lot more detail and supporting documentation, but this one will help you to further develop the “official FEMA BCA” should your project go forward as a FEMA grant request. (Please note the asterisked “*” items below for the appropriate help.)

ESTIMATED PROJECT COST: \$5,223,840.30

How many people directly are affected by this project? 200,000

ESTIMATED POTENTIAL DAMAGE AND LOSS COSTS: _____

Some possible costs are:

- * Real Property Losses based on hazard mitigated: 500,000
- ** Furnishing/Equipment Losses: \$3,500,000
- ** Alternate facility costs: _____
- ** Contract/rental costs: \$1,500,000
- ** Other associated costs (list): _____
- NAA Loss of revenue (fuel) \$3,391,550
- _____

Total Cost for Future Damages & Associated Expenses: \$8,891,550 (NOTE: This figure should be detailed above.)

Statement to support above costs/losses: Direct costs to repair existing lighting vault and furnish new equipment in the event of flooding (regulators, generator, low voltage). Contract/rental cost Anticipated for temporary repairs. Estimated loss of fuel revenue for operations between 7pm-7am for 3 months (1,213 jet operations, 466 gal avg uplift at \$6/gal) is also factored.

Indirect impacts from loss of nighttime use by both private/public operators is anticipated to be much higher. Annual airport economic airport impact per FDOT is \$781M. (119,075 total operations, or \$6,558 per operation; loss of 3,133 nighttime operations (7p-7a) for three months could potentially equate to indirect impacts of \$20,546,214, though not factored into the BCA.

DAMAGE & LOSS COSTS, divided by PROJECT COST = QUICK BCA RATIO

$$\frac{\text{DAMAGE COSTS: } (\underline{\$8,892,550})}{\text{divided by}} \text{ = BCA } \underline{1.702}$$

MITIGATION PROJECT \$: (\$5,223,840.30)

Attachment 2 -10/12/2023 LMSWG Minutes

Regular Meeting Agenda (DR-4673-FL)

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Conference Rooms A/B, South Regional Library
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34113
0930hrs, October 12, 2023

10. Approval of

- a. 25 August 2023 Special Meeting Minutes - **Approved**

11. Quorum for meeting (In-Person) – **Quorum Achieved**

12. Membership

- a. Vote on TENTATIVE nomination for representation from Naples Airport Authority (NAA) – **Final representation will be based on NAA adoption of current LMS via resolution**
- b. Ashley Jones is no longer representing Salvation Army. Lisa Loren is now the primary
- c. Port of the Isles (POI) CID needs to vote Dan Truckey in as primary
- d. Continue to transition Chairperson from GMCDD to CCEM

13. **Project(s) for Review: RESUBMITTAL COST INCREASES – All projects previously approved on 04/21/2023**

- a. Port of the Isles (PIO) Community Improvement District (CID) –
 - Backup Water Storage
 - WWTP Water Filter
 - 6 x Mobile Generators for Lift Station Power Backup
 - Road Elevation/Waterline Hardening/Well Head Elevation
 - POC: Dan Truckey | dtruckey@poicid.com | (920) 737-1345

14. **Project(s) Removed:**

- a. Riverbend MHP Sewer Reconstruction Mitigation Project –
 - POC: Wendy Stannas | wpstannas@aol.com | 617-842-2618
 - Removed due to outstanding determination from FEMA regarding Private Non-Profit (PNP) eligibility

15. Grant Opportunities –

- a. HMGP-
 - **Hurricane Nicole (DR-4680-FL) – OPEN**
 - NOFA Open: May 19, 2023
 - **NOFA Close: 10/20/2023**
 - \$75,984.36
 - FDEM Grant Contact Information
 - FDEM HMGP POC: Jared Jaworski
(Jared.Jaworski@em.myflorida.com | 850-544-8372)

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- b. Hurricane Loss Mitigation Program Retrofit Grant (HLMP)
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 - <https://www.floridadisaster.org/dem/mitigation/hurricane-loss-mitigation-program/>
 - FDEM HLMP Program Manager
 - **Position currently VACANT at FDEM**
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16. LMS Update

- a. LMS update was approved by FEMA on May 7, 2020. The LMS expires on April 13, 2025.
- b. **Next 5-Year Update Cycle Begins Soon with expiration letters being sent out from FDEM in six-month cycle (18, 12, 6 months prior)**
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18. Next regular meeting: **19 January 2024**, 0930hrs, location **South Regional Library**.

a. Meeting adjourned at 10:35am_____

ATTACHMENT(S)

3) PROJECT WORKSHEET FOR REVIEW:

- a) POI-Backup Water Storage (REMOVED)
- b) POI-WWTP Water Filter (REMOVED)
- c) POI-6 x Mobile Generators for Lift Station Power Backup (REMOVED)
- d) POI-Road Elevation/Waterline Hardening/Well Head Elevation (REMOVED)

4) SB4-A Waiver Program FAQ Sheet (REMOVED)

5) Collier 2020 LMS Plan 18-Month Expiration Notice (REMOVED)

6) August 25, 2023, Collier LMSWG Special Meeting Minutes (PROJECT SCORESHEETS REMOVED)