

# Local Mitigation Strategy

**LMS**  
Miami-Dade



## Whole Community Hazard Mitigation Part 2: The Projects



January 2017

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## INTRODUCTION

Part 2 of the Miami-Dade Local Mitigation Strategy (LMS) – The Projects – is a compilation of projects identified by Working Group members for mitigation measures/actions they have completed, are pursuing or one day hope to implement and how they are submitted, tracked, maintained and prioritized. <sup>1</sup>

## METHODOLOGY

Over the years the listing of LMS projects have shifted from primarily being a tool to identify unfunded projects with hopes of securing mitigation grants to a tool to identify any project a stakeholder is implementing or hopes to implement that will make our community more resilient. We are utilizing the LMS to showcase the work being performed and the projects envisioned to lessen the impacts of disasters on our communities.

### Project Submittal and Tracking

In 2013 a web-based LMS Project board was developed in our incident tracking software known as WebEOC. This system allows LMSWG members to input new projects and update existing projects at any time throughout the year. The LMS Coordinator is responsible for the review of the projects and providing an update the State of Florida every January. The LMS Coordinator will post an update of the current list of projects every January and July on the LMS website - <http://www.miami-dade.gov/fire/mitigation.asp>

It is the responsibility of the LMSWG members that post projects to ensure the projects are compliant with the local and FEMA requirements identified below. The LMS Coordinator may also require additional information. Agencies with projects will be notified of any additional requirements and when possible provided six months to come into compliance.

### Project Requirements

Below is a list of the project fields and identification of requirement:

| Project List Field     | Level of Requirement       | Comments   |
|------------------------|----------------------------|--|
| Agency Type            | Local Requirement          | Must be utilized to tie project to agency                          |
| Agency                 | Local and FEMA Requirement | Must be utilized to tie project to agency                          |
| Project Title          | FEMA Requirement           | Satisfies Name and Description                                     |
| Entry type             | FEMA Requirement           | Identifies new projects and project to be removed from Active List |
| Original Date of Entry | Default                    | Identifies when the project was first put in the LMS Project list. |

<sup>1</sup> EMAP 4.4.4

| Project List Field                  | Level of Requirement  | Comments  |
|-------------------------------------|---|---|
| Last Updated                        | Default   | Identifies last date of update. If an agency fails to review and update projects on an annual basis they can be made inactive.  |
| Status                              | FEMA Requirement  | Current status of project. Satisfies New, Deferred, Completed or Deleted  |
| Hazard                              | Local Requirement   | Allows us to sort hazard type for potential funding and identify flood projects in support of Part 7  |
| Project Type                        | Local Requirement   | Allows us to sort for funding options by type of project  |
| Mapper Label                        | Not Required at this time   | For future use for mapping  |
| Address                             | Local Requirement   | Will allow us to geo-code and map projects  |
| Longitude and Latitude              | Local Suggestions   | Will aid in future mapping of projects  |
| Flood Basin                         | Local Requirement for Flood projects, Local Suggestion for ALL projects | Allows us to identify where mitigation projects for flooding have been identified and facilitate additional coordination and mapping. May assist with showing effectiveness of mitigation projects after significant rain events. |
| Completion Time Frame               | FEMA Requirement  | If a project is unfunded provide your best estimation as to when this project could be completed.   |
| Mitigation Goals                    | Local Requirement   | Shows alignment with LMS  |
| Funding Source                      | FEMA Requirement  | FEMA lists this a potential funding source, we split this to also identify internal funding sources or potential grant sources  |
| Grant Source (Potential or secured) |   |   |
| Is a Match Required                 | Local Requirement   | May assist us with identifying projects for global match opportunities  |
| Match Identified                    | Local Requirement   |   |
| Estimated Costs                     | Local Requirement   | We are required to include this in the County Annual report.  |
| Global Match                        | Local Requirement   | Identifies if the project may be able to be used a global match for another project in need of a match  |
| Project Description                 | FEMA Requirement  |   |
| Comments                            | Reserved for additional notations                                       | LMS Coordinator notates and changes or requests for letters of support in this area.  |
| Attachments                         | Local Suggestion  | Allows the agency to place supporting documents in the database with the record.  |
| Name, Email and Phone               | Local Requirement   | Allows LMS Coordinator to contact POC directly regarding projects   |
| BCA Completed and BCA score         | Required only when funding source requires this information.            | Must be completed if a letter of support is requested and the funding source requires it.   |
| Self-Prioritization                 | Local Requirement   | Identifies agency priorities.   |
| Benefit Cost Review                 | FEMA Requirement  | Provides a score based on Suitability, Risk Reduction and Cost and Time.  |

The LMS Coordinator, will, as able, notify the point of contact for projects that may be missing information. The LMS Coordinator will utilize the information provided to

develop documents and other supporting documents such as maps to track mitigation projects.

The projects are listed in this document in a table format which is an abridged version of the full project description maintained in the WebEOC LMS Board. Additional information on listed projects is available to all stakeholders with project accounts. Anyone wishing to have an account to add or review projects should make a request to the LMS Coordinator at [mdlms@miamidade.gov](mailto:mdlms@miamidade.gov) or 305-468-5429.

### **Updates and Reports**

As stated in Part 1, the LMS is updated on an annual basis and as part of a regular update and monitoring process. An annual update of the LMS is provided to the State by January 31<sup>st</sup> every year and the documents are subsequently posted on the local website. To keep the project list updated, agencies with listed projects are requested to review and update them within WebEOC on an annual basis by October 31. *Part 2* of the LMS will be updated on the website in January, following a review of the updates by the LMS Coordinator.<sup>2</sup>

In January every year the LMS Coordinator is required to provide a report to Miami-Dade Fire Rescue as part of the Department's Annual Preparedness Report that is submitted to the County Mayor. The LMS Coordinator compiles information on projects that have been completed,<sup>3</sup> are under construction, or are funded but not yet started since the previous year's report. This information is derived from the LMS Project list and is another way to showcase on an annual basis the progressive mitigation work being accomplished.

At all times, the latest published version of the LMS will be posted on the Miami-Dade County Internet website – <http://www.miamidade.gov/fire/mitigation.asp> – for public review and commentary. Any comments received through this medium will be incorporated through the revision process identified in *Part 1*. An email address, [mdlms@miamidade.gov](mailto:mdlms@miamidade.gov), has been established for such commentary, which is strongly encouraged.

The projects are listed in this document in Appendix 3 in a table format which is an abridged version of the full project description maintained in the WebEOC LMS Board. Appendix 1 shows a sample project as it is found in the WebEOC LMS Board. Additional information on listed projects is available to all stakeholders with project accounts. Anyone wishing to have an account to add or review projects should make a request to the LMS Coordinator at [mdlms@miamidade.gov](mailto:mdlms@miamidade.gov) or 305-468-5429.

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<sup>2</sup> EMAP 4.4.4

<sup>3</sup> EMAP 4.4.4



## **Project Administration and Implementation**

The projects listed in Appendix 3 reflect the mitigation initiatives identified by members of the LMS Working Group. The initiator of the projects will be responsible for implementation and administration. Due to the variable nature of procurement and contracting procedures; availability of resources; and weather conditions, accurate implementation timelines are difficult to predict. Therefore, implementation timelines may not be developed for some projects until a funding source is identified and the factors above can be determined relative to the prevailing operating environment. Grant requirements may also dictate project implementation timelines for the appropriate recipient. If the project is funded through a grant, the grantee is responsible for implementing these projects as outlined in the grant's regulations.

## **Letters of Support**

The LMS Coordinator will write a letter of support for grant opportunities when a listed project has all of the required information provided. The LMS Coordinator will notify the requestor, if additional information is needed to be added to the project in order for a letter of support to be provided. Requests for letters must, at a minimum, be requested 10 working days in advance of the required deadline. Late requests may not be able to be facilitated. The LMS Coordinator will make notations in the Comments section as to date and action taken.

The agency requesting a letter of support must be an active participant of the LMS, meaning they comply with the requirements set forth in *Part 1* of the LMS. Currently the requirement is that they must attend at least two of the four quarterly meetings held each year or an equivalent committee or sub-committee meeting as a substitution.

## **Project Archiving**

The LMS Coordinator will archive a project once it has been marked as completed by the stakeholder. The LMS Coordinator will review the project file to ensure that all information has been included before it is officially archived. Archiving it will move it from the Active projects view to the Archive view. The LMS Coordinator will make notations in the Comments section as to date and action taken.

## **Project Deletion**

From time to time stakeholders may wish to delete a project from the Project List. The LMS Coordinator will review any project that has been identified for deletion and call to discuss the project with the point of contact to verify that this is the desired action. Sometimes it may be better to make a project Inactive rather than completely deleting it, in case it may be a project that may be revisited at a later date. If the project is truly desired to be deleted the LMS Coordinator will send a confirmation email to the point of contact that this action has occurred. The project will be marked for deletion, a printout of the confirmation email and the project to be deleted will be filed and a notation will be made in Part 2 Appendix 2 that the project has been deleted and why.



## **Inactive Projects**

If a project has not been updated by October 31 does not have the required fields completed and the agency is non-compliant with meeting attendance, those projects associated with that agency or specific projects lacking required information or not updated on an annual basis will be made Inactive by the LMS Coordinator. The LMS Coordinator will notify the point of contact listed in the project or if none is listed a representative from the agency to notify them of the pending action. The agency will have until December 31 to update the project. Projects that are not updated by that time will be moved to Inactive status. At the first quarterly meeting of the year, the LMS Coordinator will make a motion to permanently delete any projects that have been made inactive and the agency has not responded or updated the projects by that time.

## **PRIORITIZING MITIGATION INITIATIVES<sup>4</sup>**

Once the vulnerability assessment and risk analyses are complete and the hazard mitigation opportunities have been identified, proper priorities must be established concerning each proposed project's impact on life safety, on quality of life, cost effectiveness and value to the overall community including but, by no means limited to, value as compared to other similar projects especially during times of limited funding availability. The Miami-Dade Office of Emergency Management is responsible for soliciting, securing, evaluating, and generally acting as the technical & administrative staff for the management of the prioritization process and for the coordination of the implementation of initiatives selected for priority treatment.

The prioritization process has been divided into three parameters: suitability, risk reduction potential and cost. Within each parameter are recommended measures to be considered during prioritization of the project. This process is known as the Benefit Cost Review (BCR) and was updated in October 2013. Table 1 is the BCR that is utilized within the WebEOC LMS Board to meet the prioritization process requirement. Each agency when they add a project to the LMS Project List is required, as of June 31, 2014, to complete a self-prioritization process.

It is important to note that this will be one level of consideration when limited funding sources are available to fund projects in Miami-Dade County. Other considerations include but are not limited to:

- criteria of the available funding source
- overall cost of a project in relation to the total monies available
- readiness of projects for submittal
- ability to meet any match obligations

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<sup>4</sup> 4.4.5

- ability of project to be completed within any designated grant period
- evaluation of other current and future mitigation funding opportunities
- review of other current or impending mitigation measures that when combined may provide a more comprehensive, community or countywide resiliency

There may be situations when the window for a funding opportunity is very limited and in situations like this, projects that are “shelf-ready” may be put ahead of projects that may have a higher priority. The LMS Steering Committee will work to maximize opportunities for funding and will be called upon by the LMS Coordinator when circumstances arise that require additional considerations to be made.

The LMS Coordinator or designated representative will act as the committee facilitator. The committee’s primary function will be to review and act on recommendations with respect to its evaluation of mitigation initiatives and its ranking of the priorities for their implementation. Projects that may not have a BCR completed will not be considered for funding.

**Table 1: Miami-Dade LMS Project Benefit Cost Review**

| <b>Initiative Being Scored:</b> |   |                         |   |              |               |
|---------------------------------|---|-------------------------|---|--------------|---------------|
| <b>Name of Applicant:</b>       |   |                         |   |              |               |
| <b>Project Cost:</b>            |   |                         |   |              |               |
| <b>Parameter</b>                |   | <b>Weighting Factor</b> | <b>Scoring Criteria</b>   | <b>Score</b> | <b>Points</b> |
| <b>Suitability</b>              |   | <b>30%</b>              |   |              |               |
| 1                               | Appropriateness of the Measure                                  | 35%                     | <b>5 - High:</b> Reduces vulnerability and is consistent with Local Mitigation Strategy (LMS) goals and plans for future growth.<br><b>3 - Medium:</b> Needed, but does not tie to identified vulnerability.<br><b>0 - Low:</b> Inconsistent with LMS goals or plans. |              |               |
| 2                               | Vulnerability to Hazards  | 15%                     | <b>5 - High:</b> Project addresses 2 or more hazards, includes consideration for sea level rise impacts.<br><b>3 - Medium:</b> Project addresses at least 2 hazards.<br><b>1 - Low:</b> Project addresses one hazard.   |              |               |
| 3                               | Lifespan of mitigation measure and consideration of future risk | 15%                     | <b>5 - High:</b> Expected to last\address hazards for 40 or more years.<br><b>3 - Medium:</b> Expected to last\address hazards for 20-39 years.<br><b>1 - Low:</b> Expected to last\address hazards less than 20 years  |              |               |
| 4                               | Environmental Impact  | 10%                     | <b>5 - Positive effect</b> on the environment.<br><b>3 - No effect</b> - environmentally neutral.<br><b>0 - Adverse effect</b> on the environment.  |              |               |

|                             |  |      |  |             |  |
|-----------------------------|--|------|--|-------------|--|
| 5                           | Consistent with Existing Legislation and/or Policies | 10%  | <p><b>5 - High:</b> Consistent with existing laws and policies.</p> <p><b>3 - Medium:</b> New legislation or policy changes needed, but no conflicts identified.</p> <p><b>1 - Low:</b> Conflicts with existing laws, regulations and/or policies, requires waivers.</p>     |             |  |
| 6                           | Consistent with Existing Plans and Priorities        | 15%  | <p><b>5 - High -</b> Consistent with existing plans and priorities.</p> <p><b>3 - Medium -</b> Somewhat consistent with current plans and priorities.</p> <p><b>1 - Low -</b> Conflicts with existing plans and priorities. Does not fit in with identified initiatives.</p> |             |  |
|                             | Parameter Subtotal                                   | 100% | <b>sum of parameter scores; max =</b>  |             |  |
| <b>Suitability subtotal</b> |  |      | <b>(sum of parameter scores) / (maximum possible score)</b>  | <b>100%</b> |  |

| Parameter             | Weighting Factor   | Scoring Criteria | Score  | Points |  |
|-----------------------|--|------------------|--|--------|--|
| <b>Risk Reduction</b> | <b>55%</b>   |                  |  |        |  |
| 1                     | Scope of Benefits  | 15%              | <p><b>5 - High:</b> Benefits multiple jurisdictions.</p> <p><b>3 - Medium:</b> Benefits more than half but not all of the municipalities and/or the unincorporated area.</p> <p><b>1 - Low:</b> Benefits less than half of the municipalities and/or the unincorporated area.</p>  |        |  |
| 2                     | Potential to Protect or Save Human Lives   | 30%              | <p><b>5 - High:</b> More than 1,000 lives.</p> <p><b>3 - Medium:</b> Up to 1,000 lives.</p> <p><b>1 - Low:</b> No lifesaving potential.</p>  |        |  |
| 3                     | Supports Protection of Critical Infrastructure or Continuity of Essential Services | 20%              | <p><b>5 - High:</b> Project will ensure continuity of operations for critical infrastructure or essential services for disaster response.</p> <p><b>3 - Medium:</b> Project will support critical infrastructure or essential services with loss/damage history.</p> <p><b>1 - Low:</b> Project will support infrastructure or services without loss/damage history.</p> <p><b>0- Neutral -</b> Project has no impact on community infrastructure or services.</p> |        |  |
| 4                     | Repetitive Damages Corrected   | 10%              | <p><b>5 - High:</b> Alleviates repetitive loss. Property must have been damaged in the past by a disaster event.</p> <p><b>3 - Medium:</b> Repetitive loss may have occurred but was not documented.</p> <p><b>1 - Low:</b> No effect on repetitive loss.</p>  |        |  |

|                                |  |      |   |  |             |
|--------------------------------|--|------|---|--|-------------|
| 5                              | Economic Effect or Loss During Lifespan of the Project | 10%  | <p><b>5 - Minimal</b> economic loss (project improves resiliency of the community, does not increase risk of other adjacent areas/buildings.)</p> <p><b>3 - Moderate</b> economic loss (project may help minimize disruption and economic losses).</p> <p><b>1 - Significant</b> economic loss (project not likely to minimize economic impact of the community).</p> |  |             |
| 6                              | Number of People to Benefit                            | 15%  | <p><b>5 - High:</b> More than 100,000 people.</p> <p><b>3 - Medium:</b> 10,000 to 100,000 people.</p> <p><b>1 - Low:</b> Fewer than 10,000 people.</p>  |  |             |
|                                | Parameter Subtotal                                     | 100% | <b>sum of parameter scores; max =</b>   |  |             |
| <b>Risk Reduction Subtotal</b> |  |      | (sum of parameter scores) / (maximum possible score)  |  | <b>100%</b> |

| Parameter            | Weighting Factor   | Scoring Criteria | Score  | Points |
|----------------------|--|------------------|--|--------|
| <b>Cost and Time</b> | <b>15%</b>   |                  |  |        |
| 1                    | Estimated Costs*   | 30%              | *(This score combines a weighted factor of Initial and Maintenance/Operating Costs)  |        |
|                      | <i>i. Initial Cost (including design, project management, research...)</i> | 75%              | <p><b>5 - Low:</b> \$0 to \$100,000.</p> <p><b>3 - Moderate:</b> \$100,001 to \$1 million.</p> <p><b>1 - High:</b> More than \$1 million.</p>  |        |
|                      | <i>ii. Maintenance/ Operating (Annual/ Deployment) Costs</i>               | 25%              | <p><b>5 - Lower costs:</b> Less than 5% per annum of the initial cost.</p> <p><b>3 - Moderate costs:</b> 5-10% per annum of the initial cost.</p> <p><b>1 - Higher costs:</b> More than 10% annum of the initial cost.</p>   |        |
| 2                    | Affordability  | 30%              | <p><b>5 - Good:</b> Project is easily affordable. Has been budgeted or a grant for this project is available and the likelihood of success is high. (If a match is needed, it is available.)</p> <p><b>3 - Moderate:</b> Project is somewhat affordable. Grants for this project are available and the likelihood of success is moderate. (If a match is needed, high confidence that it could be obtained.)</p> <p><b>1 - Poor:</b> Project is very costly for the agency. Grants for this project are limited. (If a match is needed, there may be difficulty in obtaining a match.)</p> |        |

|  |                              |      |  |      |             |
|--|------------------------------|------|--|------|-------------|
| 3  | Complexity of Implementation | 20%  | <p><b>5 - Low:</b> This project is feasible, acceptable to most in the community, and does not require a public vote or hearing that may delay implementation. (Or has already been approved and accepted.)</p> <p><b>3 - Moderate:</b> This project is feasible, may have some opposition from the community and may require specialized permitting or a public hearing or vote that may delay implementation.</p> <p><b>1 - High:</b> This project is feasible, may have some opposition from the community, and will require either specialized permitting, or a public hearing or vote that will delay implementation.</p> |      |             |
| 4  | Completion Timeframe         | 20%  | <p><b>5 - High:</b> 6 months or less from time of funding.</p> <p><b>3 - Medium:</b> 6 months to 1 year from time of funding.</p> <p><b>1 - Low:</b> more than 1 year from time of funding.</p>  |      |             |
|  | Parameter Subtotal           | 100% | <b>sum of parameter scores: max =</b>  |      |             |
| <b>Cost Subtotal</b>   |                              |      | <b>(sum of parameter scores) / (maximum possible score)</b>  |      | <b>100%</b> |
| * Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs |                              |      |  |      |             |
| <b>SUITABILITY</b>   | <b>30%</b>                   |      |  | 100% |             |
| <b>RISK REDUCTION</b>  | <b>55%</b>                   |      |  | 100% |             |
| <b>COST</b>  | <b>15%</b>                   |      |  | 100% |             |
| <b>TOTAL</b>   | <b>100%</b>                  |      |  |      |             |

For a working Microsoft Excel worksheet of the LMS Prioritization Matrix send an e-mail request to: [mdlms@miamidade.gov](mailto:mdlms@miamidade.gov).

**For further information please contact:**

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website: <http://www.miamidade.gov/fire/mitigation.asp>

## Appendix 1– Sample Project

**MIAMI-DADE COUNTY** **LMS Project List**

|                        |                         |
|------------------------|-------------------------|
| <b>Record Details</b>  |                         |
| Agency Type            | County Departments      |
| Agency                 | Emergency Management    |
| Project Title          | Reilly Coliseum         |
| Entry Type             | Update                  |
| Original Date of Entry | 5/30/2014               |
| Last Updated           | 01/16/2015 09:46:44     |
| Status                 | Future Unfunded Project |

  

|                   |               |
|-------------------|---------------|
| <b>Hazard</b>     |               |
| Flood/Storm Surge | >             |
| Health            | <             |
| Sea Level Rise    |               |
|                   | Power Failure |
|                   | Wind          |

  

|                       |  |
|-----------------------|--|
| Project Type          | Infrastructure (Building)                            |
| Mapper Label:         |  |
| Address:              | 10901 Coral Way, Miami, FL 33165                     |
|                       | <a href="#">Get Address</a> <a href="#">Map It</a>   |
| Longitude:            |  |
| Latitude:             |  |
| Flood Basin           | C4   |
| Completion Time frame | unknown  |
| Mitigation Goals      | Promote mitigation measures for critical facilities. |
| Funding Source        | Unknown/None   |
| Is a Match Required?  | Unknown  |
| Match Identified      | Unknown  |

  

|  |   |
|--|---|
| <b>Grant Source (Potential or Secured)</b>             |   |
| Beach Erosion Control Projects                         | > |
| Capital Fund Emergency/ Natural Disaster Funding       | < |
| CDBG Community Development Block Grants/ Entitlement C |   |
| CDBG Community Development Block Grants/ State's Progr |   |

Select Multiple Elements By Holding the CTRL Button

|                 |              |
|-----------------|--------------|
| Estimated Costs | 1,175,000.00 |
| Global Match    | Unknown      |

  

|                     |  |
|---------------------|--|
| Project Description | Structural renovation to bring the facility up to current shelter code. Wall support and roof bracing improvements. The upgrade would bring the structure up to withhold the current code conditions for shelters. Electrical upgrade for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building to be electrically ready for high demand. HVAC and generator upgrades for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building's A/C system and provide a generator for current shelter requirements. |
|---------------------|--|

  

|          |  |
|----------|--|
| Comments |  |
|----------|--|



2015.01.16 Project to undergo Engineering Study - input as separate project.

Attachment #1:  Browse...  
Attachment #2:  Browse...  
Attachment #3:  Browse...

Name   
Email   
Phone

BCA Completed

BCA Score

Self Prioritization Score

Benefit Cost Review

## Appendix 2– Deleted/Deferred Projects

In 2016 the following projects were requested to be deleted or deferred by the stakeholder agencies identified.

| Action   | Agency                           | Description  | Reason   |
|----------|----------------------------------|--|--|
| Deleted  | Aventura                         | Stormwater Drainage Projects   | This project has been divided and entered as smaller projects.   |
| Deleted  | Biscayne Park                    | Hardening Facility   | Removed per request of agency  |
| Deleted  | Biscayne Park                    | New Municipal/Public Safety Guilding                                 | Removed per request of agency  |
| Deferred | Doral                            | Installation of Storm Shutters at Park facilities                    | Deferred for the time being  |
| Deleted  | Doral                            | Hardening of Government Center                                       | No longer pursuing this bldg. is designed for Cat 3 and a new facility has been built to withstand Cat 5 |
| Deleted  | Florida International University | Harden BBC Library   | Project is no longer being pursued.  |
| Deleted  | Florida International University | Harden Bay View Housing  | No longer owns this building   |
| Deleted  | Florida International University | Hurricane Andrew 20 year Anniversary Miami Science Museum Exhibition | No longer pursuing   |
| Deleted  | Florida International University | Develop Warning, Education and Traffic Management Plans              | No longer pursuing   |
| Deleted  | Jackson                          | Convert power for west wing  | Part of larger electrical project  |
| Deleted  | Jackson                          | Emergency Power for kitchen  | Negotiated as part of contract   |
| Deleted  | Jackson                          | Sewage piping at JMH   | Removed by request of agency   |
| Deleted  | Miami Beach                      | Bayshore Drainage Improvements, Lower North Bay Road                 | This project is part of a larger project and was removed to avoid duplication.                           |
| Deleted  | Miami Beach                      | Canal Cleaning and Shaping   | No longer pursuing   |
| Deleted  | Miami Beach                      | Citywide Flood Hazard Mitigation Plan                                | Replaced by another project.   |
| Deleted  | Miami Beach                      | Citywide Stormwater Infrastructure Improvements                      | No longer pursuing   |
| Deleted  | Miami Beach                      | La Gorce Drainage Improvements                                       | This project was replaced by an updated one for the same area.   |
| Deleted  | Miami Beach                      | Lakeview Drainage Improvements (North Shore Neighborhood)            | This project is part of a larger project and was removed to avoid duplication.                           |
| Deleted  | Miami Beach                      | Middle Bay Road – New Pump Station                                   | This project is part of a larger project and was removed to avoid duplication.                           |
| Deleted  | Miami Beach                      | Palm and Hibiscus Drainage   | This project is part of a larger project and was removed to avoid duplication.                           |

| Action   | Agency  | Description   | Reason   |
|----------|---|---|--|
| Deleted  | Miami Beach   | South Pointe Drainage                                     | This project is part of a larger project and was removed to avoid duplication. |
| Deleted  | Miami Beach   | Sunset Islands III & IV Drainage Improvement              | This project is part of a larger project and was removed to avoid duplication. |
| Deleted  | Miami Beach   | Town Center - New Pump Station                            | No longer a project.   |
| Deleted  | Miami Beach   | Venetian Islands Drainage Improvements                    | This project is part of a larger project and was removed to avoid duplication. |
| Deleted  | Miami-Dade Public Housing and Community Development | Opa-Locka Family  | The building was demolished.   |
| Deleted  | Miami-Dade Public Works                             | Drainage along NW 10-11 Ave                               | Is part of a larger project.   |
| Deleted  | Miami-Dade Public Works                             | Canal Project - C1 extension                              | Duplicate project on the list  |
| Deleted  | Miami-Dade Public Works                             | Doral Arterial Drainage                                   | Part of another project.   |
| Deleted  | Miami-Dade Public Works                             | High Pines Addition Drainage Improvement                  | Part of another project.   |
| Deleted  | Miami-Dade Public Works                             | #RL-6 Drainage Improvement Project NW 6 – 12 St (Phase 1) | Project was cancelled.   |
| Deleted  | Miami-Dade Public Works                             | NW 133 St Drainage project                                | Part of another larger project.  |
| Deleted  | Miami-Dade Public Works                             | #RL-6 Drainage Improvement Project NW 6 – 12 St (Phase 2) | Project was cancelled.   |
| Deleted  | Miami-Dade Public Works                             | #RL-6 Drainage Improvement Project NW 6 – 12 St (Phase 3) | Project was cancelled.   |
| Deleted  | Miami Lakes   | Purchase and Install Emergency Radio System               | No longer pursuing   |
| Deleted  | Miami Lakes   | Optimist Park Improvements                                | No longer pursuing   |
| Deleted  | Miami Lakes   | Tree Trimming   | No longer pursuing   |
| Deleted  | Miami Lakes   | Local Radio Station                                       | No longer pursuing   |
| Deleted  | Miami Lakes   | Purchase Barricades for Traffic Control                   | No longer pursuing   |
| Deferred | Jackson Hospital                                    |   |  |
| Deferred | North Miami Beach                                   | NE 19 <sup>th</sup> Ave Business District Sewering        | Not currently pursuing   |

## **Appendix 3– Project List**

This list is maintained in WebEOC and updated by the individual agencies upon request by the LMS Coordinator, two times a year by June 30 and December 31, respectively. The updated lists are published in July and January every year. The WebEOC LMS Board will be used to pull current information as needed. The county, municipalities and all other members of the LMS Working Group reserve the right to, at any time, add to, delete from and in other ways change the order of priorities presented here. All entities participating in this program have agreed to undertake these initiatives, as necessary.<sup>5</sup>

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<sup>5</sup> EMAP 4.4.2