

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. ¹

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. |

¹ 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 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 31st 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.²

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,³ 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, 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 or 305-468-5429.

² EMAP 4.4.4

³ 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 INITIATIVES⁴

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

⁴ 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

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

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

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

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

| Parameter | Weighting Factor | Scoring Criteria | Score | Points |
|----------------------|----------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Cost and Time | 15% | | | |
| 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>5 - Low: \$0 to \$100,000.</p> <p>3 - Moderate: \$100,001 to \$1 million.</p> <p>1 - High: More than \$1 million.</p> | |
| | <i>ii. Maintenance/ Operating (Annual/ Deployment) Costs</i> | 25% | <p>5 - Lower costs: Less than 5% per annum of the initial cost.</p> <p>3 - Moderate costs: 5-10% per annum of the initial cost.</p> <p>1 - Higher costs: More than 10% annum of the initial cost.</p> | |
| 2 | Affordability | 30% | <p>5 - Good: 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>3 - Moderate: 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>1 - Poor: 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>5 - Low: 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>3 - Moderate: 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>1 - High: 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>5 - High: 6 months or less from time of funding.</p> <p>3 - Medium: 6 months to 1 year from time of funding.</p> <p>1 - Low: more than 1 year from time of funding.</p> | | |
| | Parameter Subtotal | 100% | sum of parameter scores: max = | | |
| Cost Subtotal | | | (sum of parameter scores) / (maximum possible score) | | 100% |
| * Estimated costs are comprised of two secondary parameters: initial and maintenance/operating costs | | | | | |
| SUITABILITY | 30% | | | 100% | |
| RISK REDUCTION | 55% | | | 100% | |
| COST | 15% | | | 100% | |
| TOTAL | 100% | | | | |

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

For further information please contact:

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Appendix 1– Sample Project

MIAMI-DADE COUNTY **LMS Project List**

| | |
|------------------------|-------------------------|
| Record Details | |
| 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 |

| | |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Hazard | |
| <ul style="list-style-type: none"> Flood Flood/Storm Surge Health Sea Level Rise | <div style="text-align: center;"> > < </div> |
| <ul style="list-style-type: none"> Power Failure Wind | |

| | |
|-----------------------|------------------------------------------------------|
| Project Type | Infrastructure (Building) |
| Mapper Label: | |
| Address: | 10901 Coral Way, Miami, FL 33165 |
| 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 |

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Grant Source (Potential or Secured) | |
| <ul style="list-style-type: none"> 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 | <div style="text-align: center;"> > < </div> |

Select Multiple Elements By Holding the CTRL Button

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

| | |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Description | <p>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.</p> |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

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

Attachment #1:

Attachment #2:

Attachment #3:

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 th 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.⁵

⁵ EMAP 4.4.2

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|----------------------|--------------------------------------------------------------------|-------------------------|-------------------------|-------------------------------------------|---------------------------|-----------------|-----|-------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| County Departments | Emergency Management | Coral Gables Senior Retrofit Study | Future Unfunded Project | ,Flood,Wind | State Shelter Retrofit | Identified Funding Source | 25,000.00 | 89 | | Less than one year from funding time | Engineering study to determine if facility meets or exceeds ASCE-7 or ANSI A58 and determine what modifications are needed to meet or exceed the minimum wind design performance standards or equivalent. State Shelter Retrofit monies to be utilized. |
| County Departments | Emergency Management | Hialeah Miami Lakes Senior Retrofit Study | Future Unfunded Project | ,Flood,Wind | State Shelter Retrofit | Identified Funding Source | 25,000.00 | 89 | | Less than one year from funding time | Structural engineering study to determine if facility meets or exceeds ASCE-7 or ANSIA58 and determine what modifications are needed to meet or exceed the minimum wind design performance standards or equivalent. |
| County Departments | Emergency Management | South Miami Senior Retrofit Study | Future Unfunded Project | ,Flood/Storm Surge,Wind | State Shelter Retrofit | Identified Funding Source | 25,000.00 | 89 | | Less than one year from funding time | Structural engineering survey to determine if facility meets or exceeds ASCE-7 or ANSI A58 and determine what modifications are needed to meet or exceed the minimum wind design performance standards or equivalent. |
| County Departments | Emergency Management | Reilly Coliseum | Future Unfunded Project | ,Flood,Wind | State Shelter Retrofit | Identified Funding Source | 1,175,000.00 | 85 | | unknown | Structural renovation to bring the facility up to current shelter code. Wall support6 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. |
| County Departments | Emergency Management | Arnold and Edward Hall Connector Shelter Retrofit | Future Unfunded Project | Wind,Power Failure | State Shelter Retrofit | Identified Funding Source | 220,000.00 | 80 | | unknown | Structural renovation to bring the facility up to current shelter code. Wall support and roof bracing improvements. The upgrade would allow the facility to stand up to the minimum code requirements for shelters as of today's code. Electrical upgrade for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building is 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. |
| County Departments | Emergency Management | Arnold Hall South Shelter Retrofit | Future Unfunded Project | ,Wind,Power Failure | State Shelter Retrofit | Identified Funding Source | 615,000.00 | 80 | | unknown | Structural renovation to bring up to current shelter code. Wall support and roof bracing improvements will bring the structure up o the minimum shelter requirements of todays code. Electrical upgrade for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building is 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. |
| County Departments | Emergency Management | Edwards Hall Shelter Retrofit | Future Unfunded Project | ,Power Failure,Wind | State Shelter Retrofit | Identified Funding Source | 1,215,000.00 | 85 | | unknown | Structural renovation to bring up to current shelter code. Wall support and bracing improvements. The upgrade would bring the facility up to today's shelter code requirements. Electrical upgrade for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building is electrically ready for high demand. HVAC and generator upgrades for sustainability during use as an evacuation center/shelter. The upgrade would prepare the buildings' A/C system and provide a generator for current shelter requirements. |
| County Departments | Emergency Management | Arnold Hall South Shelter Retrofit | Future Unfunded Project | ,Power Failure,Wind | State Shelter Retrofit | Identified Funding Source | 510,000.00 | 80 | | unknown | Structural renovation to bring the facility up to current shelter code. Includes wall support and roof bracing improvements. The upgrade would make the building stand up to the minimum shelter requirements of today's code. Electrical upgrade for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building is electrically ready for high demand. HVAC and generator upgrades for sustainability during use an evacuation center/shelter. The upgrade would prepare the building's A/c system and provide a generator for current shelter requirements. |
| County Departments | Emergency Management | Arnold Hall Shelter Retrofit | Future Unfunded Project | ,Power Failure,Wind | State Shelter Retrofit | Identified Funding Source | 1,175,000.00 | 85 | | 1 Year from Start | Structural renovation to bring this facility up to shelter code. This includes wall support and roof bracing improvements. Electrical upgrade for sustainability during use as an evacuation center/shelter. The upgrade would prepare the building is electrically ready for high demand. HVAC and generator upgrade would prepare the building's A/C system and provide a generator for current shelter requirements. |
| County Departments | Emergency Management | Miami Southridge Senior Retrofit Study | Future Unfunded Project | ,Flood/Storm Surge,Wind | State Shelter Retrofit | Identified Funding Source | 25,000.00 | 89 | | Less than one year from funding time | Structural engineering survey to determine if facility meets or exceeds ASCE-7 or ANSI A58 and determine what modifications are needed to meet or exceed the minimum wind design performance standards or equivalent. State Shelter Retrofit funding to be used. |
| County Departments | Emergency Management | Barbara Goleman Senior Survey | Funding Secured | ,Wind | State Retrofit Funding | Identified Funding Source | 0.00 | 89 | | Less than one year from funding time | perform a structural engineering survey to determine if the facility meets or exceeds ASCE-7 or ANSI A58 and determine what modifications are needed to meet or exceed the minimum wind design performance standards or equivalent. State Retrofit Funding to be utilized |
| County Departments | Fire Rescue | Miami-Dade Fire Station Roof Rehabilitation | Future Unfunded Project | Wind | HMPG, PDM | Identified Funding Source | 600,000.00 | 88 | | Unknown | The project involves the actual hardening of the roof and structure to meet regulatory requirements and withstand category four or five hurricanes for facilities which maintain rescue engines, trucks and equipment, valuable personnel and computers. The average estimated value of the vehicles and equipment at these stations is \$2,000,000. Estimated Cost: \$ 600,000 |
| County Departments | Fire Rescue | Miami-Dade Fire Rescue Station Rehabilitation for Air Rescue South | Future Unfunded Project | Wind | HMPG, PDM | Identified Funding Source | 1,000,000.00 | 90 | | Uknown | This project will enhance the county's emergency response capabilities in responding to citizens' immediate disaster and medical needs. The project involves the actual hardening of the roof and structure as well as the hanger for Air Rescue apparatus. This hardening will enable the structure to meet regulatory requirements and withstand category four or five hurricanes for facilities which maintain rescue apparatus and valuable MDRF equipment. The average estimated value of the apparatus and equipment is \$3,000,000. Estimated cost \$1,000,000. |
| County Departments | Fire Rescue | Structural Rehabilitation for Miami-Dade Fire Rescue Headquarters | Future Unfunded Project | Wind | HMPG, PDM | Identified Funding Source | 1,000,000.00 | 95 | | Unknown | The project involves the retrofitting of various structural members of the Miami-Dade Fire Rescue Headquarters Building so that the scructure may withstand category four or five hurricanes. The average estimated cost: \$1,000,000 |
| County Departments | Fire Rescue | Miami-Dade Air Rescue South Security Hardening | Future Unfunded Project | ,Security Breach | Potential Hazard Mitigation Grant Program | Identified Funding Source | 150,000.00 | 84 | 9/1/2016 | 1year | Both Miami Executive and Opa-Locka airports are unable to provide adequate security for MDRF's multi-million dollar fleet of helicopters and associated equipment. Unauthorized members of the public have occasionally gained access to both sites which poses both a danger to their safety and MDRF's extremely valuable assets. |
| County Departments | Libraries | North Central repair roofing system | Funding Applied for | Wind | HMGP | Identified Funding Source | 225,000.00 | 66 | | 6 mos to 1 year | The North Central branch of the Miami-Dade Public Library System serves several minority communities within north central Miami-Dade County. This 5,000 square foot facility is the primary source for library services within a 30-mile radius. Therefore, disruptions in service due to major damage would significantly impact a large portion of the most needed residents within the County. The project would include an analysis of the existing roofing system, modifications to bring the system to the current building code to include selection of new materials to increase wind resistance and strength; and construction of the new system under existing building code. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Libraries | W. Dade Reg. install impact windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 850,000.00 | 61 | | 6 mos to 1 year | The West Dade Regional branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$40,000,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$850,000.00 |
| County Departments | Libraries | N. Dade Regional Impact Windows | Future Unfunded Project | Multiple (specify in comments Column T) | HMGP | Identified Funding Source | 650,000.00 | 65 | | More than 1 year | This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. The North Dade Regional branch serves the municipalities of Miami Gardens, Opa Locka, and North Miami, as well as several communities within north Miami-Dade County. This 50,000 square foot facility serves as an important community resource offering library materials and services meeting the information and educational needs of these deserving communities. Department assets in this building are worth in excess of \$40,000,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. Estimated cost: \$650,000.00 |
| County Departments | Libraries | Edison Center install impact resistant windows | Funding Applied for | Wind | HMGP | Identified Funding Source | 175,000.00 | 60 | | 6 mos to 1 year | The Edison Center branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,000,000.00. This building is of critical importance as a valued to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$175,000.00 |
| County Departments | Libraries | Miami Lakes impact resistant windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 225,000.00 | 60 | | 6 mos to 1 year | The Miami Lakes branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,850,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$225,000.00 |
| County Departments | Libraries | Coral Gables reinforce the windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 650,000.00 | 63 | | 6 mos to 1 year | The Coral Gables branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$25,000,000.00. This building is also critical to emergency operations by serving, as the backup facility for the administration should the Main library be rendered inaccessible or inoperable due to an emergency. This project will enable us to reinforce the windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$650,000.00 |
| County Departments | Libraries | Key Biscayne install impact windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 225,000.00 | 71 | | 6 mos to 1 year | The Key Biscayne branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,750,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$225,000.00 |
| County Departments | Libraries | Lemon City install impact resistant windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 135,000.00 | 60 | | 6 mos to 1 year | The Lemon City branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,000,000.00. This building is of critical importance as a valued to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$135,000.00 Project 13: North Central, Roof redesign and replacement |
| County Departments | Libraries | Culmer/Overtown to install impact resistant windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 125,000.00 | 60 | | 6 mos to 1 year | The Culmer/Overtown branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$1,750,000.00. This building is of critical importance as a valued resource to the multi-ethnic and minority communities that it serves. This building is also of historical significance since it houses an early mural from the world renowned and award-winning African-American artist, Purvis Young, who was born and raised within the area of Culmer/Overtown. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$125,000.00 |
| County Departments | Libraries | Allapattah to install impact resistant windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 110,000.00 | 60 | | 6 mos to 1 year | The Allapattah branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,750,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$110,000.00 |
| County Departments | Libraries | Coral Reef to install impact resistant windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 150,000.00 | 60 | | 6 mos to 1 year | The Coral Reef branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,750,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$150,000.00 |
| County Departments | Libraries | Kendall to install impact resistant windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 225,000.00 | 60 | | 6 mos to 1 year | The Kendall branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$2,850,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$225,000.00 |
| County Departments | Libraries | North Central install impact windows | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 135,000.00 | 60 | | 6 mos to 1 year | The North Central branch of the Miami-Dade Public Library contains furniture, equipment and materials worth over \$1,850,000.00. This building is of critical importance to the multi-ethnic and minority communities that it serves. This project will enable us to install impact resistant windows to withstand hurricane-level winds, as required by the new code, to secure the content of this building and on-going services provided to the communities served by this facility. Estimated cost: \$135,000.00 |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Parks | Shutters | Future Unfunded Project | ,Wind | PDM & HMGP | Identified Funding Source | 44,341.00 | 63 | | 6 mos to 1 year | Miami_Dade Parks, Recreation and Open Spaces (PROS) Department operates and maintains a total of 86 buildings in need of hurricane shutters to protect the building and their contents from future storm damage. Many of these buildings are recreation centers that are open to the public as soon as possible after hurricanes to provide facilities for ice, water and food distribution, and places for safe child care until schools reopen. Without these window and door shutter projects, it is possible that wind forces and flying debris could cause damage to these facilities. |
| County Departments | Parks | Shutters | Future Unfunded Project | ,Wind | PDM & HMGP | Identified Funding Source | 53,920.00 | 63 | | > 1 year | Miami_Dade Parks, Recreation and Open Spaces (PROS) Department operates and maintains a total of 86 buildings in need of hurricane shutters to protect the building and their contents from future storm damage. Many of these buildings are recreation centers that are open to the public as soon as possible after hurricanes to provide facilities for ice, water and food distribution, and places for safe child care until schools reopen. Without these window and door shutter projects, it is possible that wind forces and flying debris could cause damage to these facilities. |
| County Departments | Parks | Sea Wall Replacement and Repair - Haulover Marina | Future Unfunded Project | Sea Level Rise | Florida Inland Navigation District, Florida Boating Improvement Program and Coastal Partnership Management Enterprise | Identified Funding Source | 2,465,100.00 | 69 | | > 1 year | Haulover Marina ♦ restore or replace 575 linear feet of seawall in Baker's Haulover Cut connecting the Intra Coastal Waterway and the Atlantic Ocean, estimated cost \$2,465.100 |
| County Departments | Parks | Sea Wall Replacement and Repair - Pelican Harbor Marina | Future Unfunded Project | Sea Level Rise | Florida Inland Navigation District, Florida Boating Improvement Program and Coastal Partnership Management Enterprise | Identified Funding Source | 1,491,750.00 | 71 | Unknown | > 1 year | Pelican Harbor Marina ♦ restore or replace 115 linear feet of seawall in the marina wet slip basin. Repair boat ramp as needed. Estimated Cost \$1,492,750 |
| County Departments | Parks | Sea Wall Replacement and Repair - Matheson Hammock Marina | Future Unfunded Project | Sea Level Rise | Florida Inland Navigation District, Florida Boating Improvement Program and Coastal Partnership Management Enterprise | Identified Funding Source | 4,245,750.00 | 71 | | > 1 year | Matheson Hammock Marina ♦ restore or replace 675 linear feet of seawall in marina wet slip basin, estimated cost \$4,245,750 |
| County Departments | Parks | Sea Wall Replacement and Repair - Crandon Marina | Future Unfunded Project | Sea Level Rise | Florida Coastal Management Program | Identified Funding Source | 12,989,700.00 | 61 | | > 1 year | Crandon Marina- restore or replace 1,680 linear feet of seawall in the marina wet slip basin. Removed , reset and relocate existing flooding docks as needed. Estimated cost \$12,989,700.00 |
| County Departments | Parks | Lakes by the Bay Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 1,112,000.00 | 88 | 6/24/2016 | 3 to 4 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's life cycle. |
| County Departments | Parks | Black Point Park & Marina - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 7,452,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Homestead Bayfront Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 4,649,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's life cycle. |
| County Departments | Parks | Charles Deering Estate - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 4,490,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's life cycle. |
| County Departments | Parks | Charles Deering Estate - Sea Wall Land Waterfront Fortification | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 2,200,000.00 | 84 | 6/23/2016 | 4 | Raise sea wall due to sea rise. |
| County Departments | Parks | Black Point Park and Marina - Shrimper's Row Doc Reconstruction | Future Unfunded Project | ,Storm Surge | PDM & HMGP | Identified Funding Source | 809,205.00 | 63 | 6/23/2016 | 1 year | Reconstruction of docks to have code complied docks. |
| County Departments | Parks | Shutters | Future Unfunded Project | Wind | Unknown | Unknown/None | 387,062.00 | 63 | | > 1 year | The PROS Department operates and maintains a total of 86 buildings in need of hurricane shutters to protect the buildings and their contents from future storm damage. Many of these buildings are recreation centers that are opened to the public as soon as possible after hurricanes to provide facilities for ice, water and food distribution, and places for safe child care until schools reopen. Without these window and door shutter projects, it is possible that wind forces and flying debris could cause damage to these facilities. |
| County Departments | Parks | Chapman Field Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 9,658,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's life cycle. |
| County Departments | Parks | R. Hardy Matheson Preserve - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 5,893,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's life cycle. |
| County Departments | Parks | Fairchild Tropical Botanic Garden - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 10,310,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Parks | Matheson Hammock Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 12,990,000.00 | 88 | 6/24/2016 | 6 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Crandon Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 71,840,000.00 | 88 | 6/24/2016 | 10 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Virginia Key - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 4,905,000.00 | 88 | 6/24/2016 | 4 to 5 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Biscayne Shores and Garden Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 950,100.00 | 88 | 6/24/2016 | 3 to 4 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Greynolds Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 18,670,000.00 | 88 | 6/24/2016 | 6 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Haulover Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 21,390,000.00 | 88 | 6/24/2016 | 6 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | East Greynolds Park - Sea Level Rise | Future Unfunded Project | ,Sea Level Rise | PDM & HMGP | Identified Funding Source | 1,164,000.00 | 88 | 6/24/2016 | 3 to 4 years | Due to anthropogenic warming, Sea-Level is expected to rise 3 feet or more by the end of the 21st century. Add 2'H of Fill to coastal site. Please note, cost to replace/relocate existing asset is not included, this shall considered by the asset's lifecycle. |
| County Departments | Parks | Zoo Miami Waste Water and Storm water Discharge Remediation | Future Unfunded Project | ,Flood | PDM & HMGP | Identified Funding Source | 7,600,000.00 | 61 | 6/24/2016 | 2 years | Installation of a drainage system to filtrate waste water and storm water discharge from the exhibits ponds. |
| County Departments | Parks | West Kendal District Park - Phase 1B Lake Excavation and Stockpiling | Future Unfunded Project | ,Flood | PDM & HMGP | Identified Funding Source | 432,000.00 | 57 | 6/24/2016 | 1.5 years | Installation of limited civil infrastructure for Phase 1 development. |
| County Departments | Parks | Tree Island Park & Preserve Park Development | Future Unfunded Project | ,Flood | PDM & HMGP | Identified Funding Source | 180,000.00 | 57 | 6/23/2016 | 1.5 years | Environmental Mitigation, Natural Area Restoration, Drainage. |
| County Departments | Police | Miami-Dade Police Department - Installation of Offsite Disaster Recovery Equipment for MDPD Network | Future Unfunded Project | Flood,Power Failure,Security Breach,Technological Disruption,Wind | Potential | Identified Funding Source | 134,000.00 | 90 | | 12 months | Installation of equipment necessary to create an offsite disaster recovery/mitigation location for the Miami-Dade Police Department (MDPD) Network. This additional location will allow for operation of the network from two different sites if the regular network is compromised due to communication/power failure, flood, terrorist attack, or hurricane. In cases of weather related damage or man-made attack, police services will become even more essential and an immediate response will limit further damage to the Miami-Dade County area. The operation of the MDPD network is the foundation for day-to-day operations since all operations are now technology-based. This alternate network site will also serve as the Sharepoint, Homeland Security, and Criminal Justice Information backup sites ensuring that police investigative data is protected in the event of a weather event or attack. A back-up system for our network will also allow for continued sharing of information with our law enforcement partners – local, state, and federal. |
| County Departments | Police | Miami-Dade Public Safety Institute - Replacement of existing office, classroom, and restroom trailers | Future Unfunded Project | Wind,Flood,Health | Potential | Identified Funding Source | 2,000,000.00 | 85 | | 24 months | Replacement of existing office, classroom, and restroom trailers at the police training facility to repair structures and bring them up to current code. These trailers house MDPD academy staff and provide additional training facilities for Basic Law Enforcement Academies. (Although an Academy Building is currently under the bidding process it is several years from completion.) Current trailers were purchased in 1990s, before stringent code requirements were in place and have sustained significant structural damage including rotted floors, disintegrated insulation, and accumulation of mold from water damage. Facilities maintenance has performed as-needed repairs, however, the age and condition of the trailers precludes any further attempts to extend their use. |
| County Departments | Police | MDPD Headquarters Complex Security Hardening | Future Unfunded Project | Wind | Potential | Identified Funding Source | 650,000.00 | 93 | | 12 months | Security of the entire Headquarters Complex would be compromised in the event of a wind or hurricane event, terrorist attack or criminal breach the perimeter of the Complex. Barrier gates which are code compliant would harden the facility and increase the safety and security envelope which safeguards over one thousand civilian and police personnel on duty at the complex. This is an essential facility hardening project which would enhance the security and protection against natural disasters, and also criminal or terrorist attacks. |
| County Departments | Police | MDPD Headquarters' Computer Lab Transfer Switches and Connections | Future Unfunded Project | Communications Failure,Technological Disruption | Potential | | 300,000.00 | 90 | | 12 months | Electrical installation of two (2) 400A non-automatic transfer switches to connect a portable generator to provide back-up emergency power to the facility's Computer lab UPS and the associated air conditioning in the room. Both transfer switches will be tied into one (1) 800A panel. The installation shall also include the generator connection box and plugs located in the northeast rear parking area with an approximate of 100' of extra cabling for the generator connection. The intent of this installation is to allow for the connection of a portable generator in the event that the facility's standby generator is nonoperational. While this would not power the HQ building (lights, air conditioning, etc.), it would power the information systems, a primary tool for daily policing. |
| County Departments | Police | Police District Mitigation Project Kendall and Intracoastal District Stations | Future Unfunded Project | Wind | Potential | Identified Funding Source | 1,000,000.00 | 83 | | 18 months | There is a need for the Miami-Dade County/Miami-Dade Police Department to replace 22 light structures currently presenting a threat to our critical emergency response facilities, operations, employees and the public we serve in the event of a storm. Replacement would address an increased level of protection as the new light poles would be constructed using different and sturdier materials made to withstand hurricane conditions, meeting the County's stringent building code. The same situation and conditions exist at the Intracoastal district station, also with 22 light structures. All other district stations light poles are either concrete or aluminum. Estimated cost is \$500,000 per district, and \$1,000,000 for two proposed districts, Kendall and Intracoastal. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Police | MDPD Facilities Maintenance South Office Roof Replacement and Reinforcement | Future Unfunded Project | Wind | Potential | | 400,000.00 | 89 | | 12 months | The Replacement/Reinforcement of the roof at MDPD's Facility Section South Office: this facility was constructed years before stringent code requirements. The existing materials are inferior and are currently damaged which will not withstand in the event of a disaster. The facility will have the existing roof removed and replaced with upgraded materials to meet regulatory requirements and withstand manmade and natural disasters. In addition, windows and doors will be replaced or reinforced, hardening the entire structure. This facility houses three vital police units: Community Service, Nuisance Abatement, and most important, Facilities Maintenance. If the roof is compromised due to storm or other event, these three units would have to be relocated. This relocation would be costly. Also, with regard to facilities maintenance, the ability to respond to maintenance needs at police district stations would be impacted, which could affect police services. |
| County Departments | Public Housing and Community Development | Pine Island I | Future Unfunded Project | Wind | unknown | Unknown/None | 720,000.00 | 25 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Three Round Towers | Future Unfunded Project | Wind | unknown | unknown | 409,500.00 | 67 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | South Miami Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 522,000.00 | 51 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Palm Court | Future Unfunded Project | Wind | unknown | Unknown/None | 396,000.00 | 59 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Richmond Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 288,000.00 | 0 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Culmer Place | Future Unfunded Project | Wind | unknown | Unknown/None | 1,359,000.00 | 60 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Little River Pl. | Future Unfunded Project | Wind | unknown | Unknown/None | 387,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | FHA Scattered Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 189,000.00 | 30 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Green Turnkey | Future Unfunded Project | Wind | unknown | Unknown/None | 189,000.00 | 50 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Southridge I | Future Unfunded Project | Wind | unknown | Unknown/None | 684,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Wayside | Future Unfunded Project | Wind | unknown | Unknown/None | 270,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Pine Island II | Future Unfunded Project | Wind | unknown | Unknown/None | 450,000.00 | 57 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Arthur Mays Village | Future Unfunded Project | Wind | Capital Improvement | Capital Improvement | 16,560,000.00 | 50 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Moody Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 153,000.00 | 56 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwenn Cherry 16 | Future Unfunded Project | Wind | unknown | Unknown/None | 630,000.00 | 52 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Florida City Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 225,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Highland Park | Future Unfunded Project | Wind | unknown | Unknown/None | 468,000.00 | 33 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Phyllis Wheatley | Future Unfunded Project | Wind | unknown | Unknown/None | 180,000.00 | 52 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | W. Homestead Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 54,000.00 | 52 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Culmer Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 675,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Three Round Towers | Future Unfunded Project | Wind | unknown | Unknown/None | 450,000.00 | 51 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Twin Lakes | Future Unfunded Project | Wind | unknown | Unknown/None | 342,000.00 | 54 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Florida City Family | Future Unfunded Project | Wind | unknown | Unknown/None | 234,000.00 | 42 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Moody Village | Future Unfunded Project | Wind | unknown | Unknown/None | 576,000.00 | 44 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Stirrup Plaza | Future Unfunded Project | Wind | unknown | Unknown/None | 450,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Martin Fine Villas | Future Unfunded Project | Wind | unknown | Unknown/None | 225,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Biscayne Plaza | Future Unfunded Project | Wind | unknown | Unknown/None | 234,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Parkside | Future Unfunded Project | Wind | unknown | Unknown/None | 252,000.00 | 56 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Palm Towers | Future Unfunded Project | Wind | unknown | Unknown/None | 463,500.00 | 51 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Edison Plaza | Future Unfunded Project | Wind | unknown | Unknown/None | 648,000.00 | 57 | | UNKNOWN | Windstorm Protection from hurricanes |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|------------------------------------------|---------------------|-------------------------|---------|--------------------------|----------------|-----------------|-----|-------------------------|----------------------|--------------------------------------|
| County Departments | Public Housing and Community Development | R.K.H. Towers | Future Unfunded Project | Wind | unknown | Unknown/None | 1,323,000.00 | 56 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwenn Cherry 14 | Future Unfunded Project | Wind | unknown | unknown | 702,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Lemon City | Future Unfunded Project | Wind | unknown | Unknown/None | 450,000.00 | 68 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Homestead Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 1,350,000.00 | 52 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | So Miami Plaza | Future Unfunded Project | Wind | unknown | Unknown/None | 436,500.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Venetian Gdns. | Future Unfunded Project | Wind | unknown | Unknown/None | 468,000.00 | 52 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Emmer Turnkey | Future Unfunded Project | Wind | unknown | Unknown/None | 189,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Falk Turnkey | Future Unfunded Project | Wind | unknown | Unknown/None | 216,000.00 | 65 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Rainbow Village | Future Unfunded Project | Wind | unknown | Unknown/None | 900,000.00 | 48 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Wynwood Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 175,500.00 | 44 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Homestead Village | Future Unfunded Project | Wind | unknown | Unknown/None | 99,000.00 | 60 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Southridge II | Future Unfunded Project | Wind | unknown | Unknown/None | 270,000.00 | 45 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Heritage Village II | Future Unfunded Project | Wind | unknown | Unknown/None | 234,000.00 | 48 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Santa Clara Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 117,000.00 | 54 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Palmetto Gdns | Future Unfunded Project | Wind | unknown | Unknown/None | 180,000.00 | 48 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Manor Park | Future Unfunded Project | Wind | unknown | Unknown/None | 288,000.00 | 48 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Jose Marti Plaza | Future Unfunded Project | Wind | unknown | Unknown/None | 247,500.00 | 0 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Liberty Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 396,000.00 | 6 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Orchard Villa | Future Unfunded Project | Wind | unknown | Unknown/None | 108,000.00 | 57 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Homestead West | Future Unfunded Project | Wind | unknown | Unknown/None | 135,000.00 | 60 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Grove Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 216,000.00 | 43 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Perrine Elderly | Future Unfunded Project | Wind | unknown | Unknown/None | 90,000.00 | 53 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Goulds Plaza | Future Unfunded Project | Wind | unknown | Unknown/None | 225,000.00 | 59 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwenn Cherry 15 | Future Unfunded Project | Wind | unknown | Unknown/None | 252,000.00 | 49 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Scattered Sites | Future Unfunded Project | Wind | unknown | Unknown/None | 450,000.00 | 44 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 11 | Future Unfunded Project | Wind | unknown | Unknown/None | 180,000.00 | 52 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 09 | Future Unfunded Project | Wind | unknown | Unknown/None | 72,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 05 | Future Unfunded Project | Wind | unknown | Unknown/None | 738,000.00 | 43 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 23 | Future Unfunded Project | Wind | unknown | Unknown/None | 324,000.00 | 64 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 20 | Future Unfunded Project | Wind | unknown | Unknown/None | 103,500.00 | 62 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 06 | Future Unfunded Project | Wind | unknown | Unknown/None | 72,000.00 | 56 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 07 | Future Unfunded Project | Wind | unknown | Unknown/None | 288,000.00 | 58 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwen Cherry 22 | Future Unfunded Project | Wind | unknown | Unknown/None | 90,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwenn Cherry 08 | Future Unfunded Project | Wind | unknown | Unknown/None | 189,000.00 | 53 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Gwenn Cherry 12 | Future Unfunded Project | Wind | unknown | Unknown/None | 54,000.00 | 46 | | UNKNOWN | Windstorm Protection from hurricanes |

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|--------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|--------------------------|---------------------|-----------------|-----|-------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| County Departments | Public Housing and Community Development | Gwenn Cherry 13 | Future Unfunded Project | Wind | unknown | Unknown/None | 279,000.00 | 57 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Model Cities | Future Unfunded Project | Wind | unknown | Unknown/None | 342,000.00 | 45 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Scattered Sites | Future Unfunded Project | Wind | unknown | Unknown/None | 72,000.00 | 43 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Scattered Sites | Future Unfunded Project | Wind | unknown | Unknown/None | 216,000.00 | 48 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | A. Coleman Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 1,890,000.00 | 51 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | A. Coleman Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 1,296,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | A. Coleman Gardens | Future Unfunded Project | Wind | unknown | Unknown/None | 2,205,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Abe Arronovitz | Future Unfunded Project | Wind | unknown | Unknown/None | 247,500.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Victory Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 1,494,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Little River Terr. | Future Unfunded Project | Wind | unknown | Unknown/None | 972,000.00 | 61 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Liberty Square | Future Unfunded Project | Wind | unknown | Unknown/None | 3,000,000.00 | 0 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Liberty Square | Future Unfunded Project | Wind | unknown | Unknown/None | 3,240,000.00 | 0 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Liberty Square | Future Unfunded Project | Wind | unknown | unknown | 2,916,000.00 | 0 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Edison Courts | Future Unfunded Project | Wind | unknown | Unknown/None | 3,105,000.00 | 0 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Little Havana Homes | Future Unfunded Project | Wind | unknown | Unknown/None | 252,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Opa-Locka Eld. | Future Unfunded Project | Wind | unknown | Unknown/None | 225,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Wynwood Eld. | Future Unfunded Project | Wind | unknown | Unknown/None | 324,000.00 | 55 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Naranja | Future Unfunded Project | Wind | unknown | Unknown/None | 568,400.00 | 47 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Buena Vista | Future Unfunded Project | Wind | unknown | Unknown/None | 60,000.00 | 53 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Ward Tower | 50% complete | Wind | Capital Improvement | Capital Improvement | 1,920,400.00 | 0 | | 2015 | Windstorm Protection from hurricanes CFB Grant - from an Emergency Source |
| County Departments | Public Housing and Community Development | Haley Sofge Towers | 75% complete | Wind | Capital Improvement | Capital Improvement | 2,056,321.00 | 0 | | 2015 | Windstorm Protection from hurricanes |
| County Departments | Public Housing and Community Development | Haley Sofge Towers | 75% complete | Wind | Capital Improvement | Capital Improvement | 1,000,000.00 | 0 | | 2015 | Windstorm Protection from hurricanes - PHCD obtained an emergency grant from USHUD to replace all windows, repair spalling concrete and do exterior painting. |
| County Departments | Public Schools | SW 82 ST from SW 73 Ave to SW 76 Ave | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 304,884.00 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Schools | SW 165 Ave and SW 88 St | 75% complete | ,Flood/Storm Surge | SWU | Funding Secured | 66,000.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Midway Addition (Phases V, VI & VII) Drainage Improvement Project - Flagler Street to NW 7 Street from NW 87 Avenue to NW 79 AvenuePWD Project No. 20130249) (GOB 77452 Midway Addition Phases V VI VII | 75% complete | ,Flood/Storm Surge | GOB | Funding Secured | 867,050.00 | 0 | 3/29/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 133 ST from NW 13 AVE to NW 16 AVE / NW 132 TER from NW 13 AVE to NW 15 AVE Drainage Improvements | Project in Planning Stage | Flood/Storm Surge | SWU | Funding Secured | 291,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The project will consist of the construction of a storm drainage system which will provide drainage in this area and will include the installation of exfiltration trenches along with drainage inlets in the public right-of-way. |
| County Departments | Public Works and Waste Management | 7250 SW 13 Street | 75% complete | ,Flood/Storm Surge | SWU | Funding Secured | 185,000.00 | 0 | 2/18/2016 | Fiscal Year 2016 | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | North Miami Avenue from NW 20 Street to NW 22 Street | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 400,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|--------------------------|-----------------|-----------------|-----|-------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| County Departments | Public Works and Waste Management | NW 11 Ave to NW 8 Ave from NW 107 St to NW 111 St | Project in Planning Stage | Flood/Storm Surge | SWU | Funding Secured | 800,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Project No. 20060309 (JPA with City of Hialeah) | 75% complete | ,Flood/Storm Surge | JPA with City of Hialeah | Funding Secured | 3,300,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Town Park Heights Drainage Improvement Project - SW 97 AVE TO SW 95 AVE FROM SW 9 TER TO SW 12 ST | 25% complete | ,Flood/Storm Surge | SWU | Funding Secured | 153,720.05 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 171 St and NE 213 St between NE 15 Ave and NE 34 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,800,000.00 | 56 | | 2 years after project funding is secured | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | Pine Tree Drive and W 31 Street | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 106,563.33 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 167 AVE Ditch West, from SW 240 ST to SW 258 ST | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 2106000.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | NEW CANAL (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | SW 137 AVE DITCH Improvements | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 4410000.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | DITCH Improvements |
| County Departments | Public Works and Waste Management | Redlands Canal Improvements | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 2500000.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Canal Improvements |
| County Departments | Public Works and Waste Management | NW 97 Ave canal improvements NW 97 Ave Between NW 138 st and NW 170 st | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 3600000.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | canal improvements |
| County Departments | Public Works and Waste Management | NW 97 Ave Canal Improvements | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 3000000.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Canal Improvements |
| County Departments | Public Works and Waste Management | NW 107 Ave Canal Improvements | Future Unfunded Project | ,Flood/Storm Surge | unknown | Unknown | 3,600,000.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Canal Improvements |
| County Departments | Public Works and Waste Management | From SW 102 AVE to SW 114 AVE between S Dixie Hwy and the FL Turnpike | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 3,264,000.00 | 0 | | 2 years after project funding is secured | Construction 6,200 LF of french drains, pollution control structure and emergency overflow to the C1-N canal. Construction 12,200 LF of solid pipes to interconnect the existing system to the new french drains and emergency overflow to the C1-N canal. |
| County Departments | Public Works and Waste Management | From Davis DR to SW 88 ST, from SW 103 AVE to SW 107 AVE; From SW 88 TER to SW 90 ST, from SW 99 CT to SW 102 AVE; From SW 88 TER to SW 104 ST, from SW 77 AVE to SW 87 AVE; From SW 55 ST to SW 72 ST, from SW 114 AVE to SW 117 AVE. | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 720,000.00 | 0 | | 2 years after project funding is secured | Construct baffles and pollution control structures to improve water quality in ten (10) outfalls. |
| County Departments | Public Works and Waste Management | From Bahama Drive to Grouper Drive From Holiday Road to Anchor Road | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,500,000.00 | 0 | | 2 years after project funding is secured | Construction 7,400 LF of french drains |
| County Departments | Public Works and Waste Management | From C-9 CANAL to NW 203 TERR. From NW 47 AVE to NW 52 AV | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 713,000.00 | 0 | | 2 years after project funding is secured | Construct a wet detention pond in Sub-basin C9E2-402. Construct, widen, or clean existing ditches that drain to the pond. Plug culvert in N.W. 47th Avenue Canal. |
| County Departments | Public Works and Waste Management | Flagler St to SW 8 St between SW 87 Ave and SW 92 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,420,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of repetitive losses |
| County Departments | Public Works and Waste Management | Flagler St to NW 7 St between Palmetto Exp and NW 72 Ave (CNW-W-1), NW 6 St to SW 8 St between SW 127 Ave and Fl Turnpike (CC4-N-10) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,800,000.00 | 0 | | 2 years after project funding is secured | Mitigation of repetitive losses |
| County Departments | Public Works and Waste Management | Culvert and Canal Improvements along SW 122 Avenue from SW 202 ST to the C-1W | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,500,000.00 | 0 | | Unknown | Replace the existing low level bridges at SW 200 202 206 and 194 St and replace the existing slab covered canal from SW 208 Street to the C-1W with a pipe culvert. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|---------------------------------------------------------------------------|-------------------------|-------------------------|--------------------------|-----------------|-----------------|-----|-------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| County Departments | Public Works and Waste Management | C-113 Extension | Future Unfunded Project | Flood | Unknown | Unknown | 2,230,000.00 | 0 | | 2 years after project funding is secured | New Canal, running through this approximate location: from SW 14 AVE & SW 6 ST to SW 197 AVE & SW 314 ST |
| County Departments | Public Works and Waste Management | C111 Extension North , from SW 387 ST to SW 388 ST, following slough path | Future Unfunded Project | Flood | Unknown | Unknown | 7,971,720.00 | 0 | | 2 years after project funding is secured | New canal/ floodway improvements |
| County Departments | Public Works and Waste Management | C-103N EXTENSION CANAL (From SW 240 St to SW 268 St) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 10,200,000.00 | 0 | | 2 years after project funding is secured | New Canal/Floodway Improvement (No canal reservation exists land acquisition may be required) |
| County Departments | Public Works and Waste Management | NE 108 Street from NE 5 Avenue to Alley | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 98,847.00 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 122 Ave to SW 127 Ave, From SW 104 St to SW 120 St | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 8,000,000.00 | 0 | | 2 years after project funding is secured | Construction of a 32,800 gpm pump station, 7.0 acre storage, 4,300 LF canal berm and 9,200 of french drains with pollution control structure and emergency overflow, for C100-N-4 Basin |
| County Departments | Public Works and Waste Management | NE 10 Ave from NE 147 to NE 149 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 116657.17 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 143 Street from NW 3 Avenue to NW 2 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 17289.76 | 0 | 7/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 32 Court and NW 84 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 141337.28 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 80 Avenue and NW 66 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 273,689.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 97 Place from W Flagler Street to NW 1 Terrace | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 47407.75 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | 1325 SW 103 Pl Westbrook Park | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 52618.9 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 7 St from NW 62 Ave to NW 65 Ave | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 427135.24 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 36 St from SW 132 Ave to SW 136 Ave | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 83,372.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | C-1 Extension, at SW 152 ST, from SW 177 AVE to SW 157 AVE | Future Unfunded Project | Flood,Flood/Storm Surge | Grant | Funding Secured | 6,000,000.00 | 0 | 7/18/2013 | 2 years after project funding is secured | New Canal |
| County Departments | Public Works and Waste Management | Bird Road and SW 128 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 0.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 48 Ln from SW 142 Ave to SW 142 Pl | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 86,978.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 82 Avenue from Bird Road to SW 48 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 86,978.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 97 Avenue to Sw 94 Avenue from Sw 8 Street to Sw 14 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 329,852.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------|--------------------------|----------------|-----------------|-----|-------------------------|------------------------------------------|---------------------------------------------------------------|
| County Departments | Public Works and Waste Management | SW 88 Court from Sw 52 Street to Sw 54 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 317028.32 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | 10130 SW 91 Terrace | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 25,000.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 104 Street and SW 67 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 106563.33 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 12 Avenue and NE 111 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 30825.2 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 31 Avenue from NW 52 Street to NW 54 Street (Under evluation to see if R&B can build - Mario DERM inspector requested) | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 95665.54 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 90 Street from NE 10 Court to N. Bayshore Drive | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 377144.8 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 20 Avenue to NW 22 Avenue from NW 133 Street to NW 135 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 168786 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 144 St between NE 12 Ave and NE 14 Ave | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 127278.76 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 98 Street from NW 29 Avenue to NW 30 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 108113.98 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 96 Street from NW 34 Avenue to NW 35 Court | Future Unfunded Project | ,Flood/Storm Surge | none | Unknown | 0.00 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 149 Street and NE 8 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 134992.66 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 18 Place to NW 17 Court from NW 133 Street to NW 134 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 188477.86 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 24 Avenue and NW 87 Terrace | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 165231.22 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 83 Street from NW 31 Avenue to NW 33 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 272900.81 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 83 Street from NW 31 Avenue to NW 33 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 272900.81 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 102 Street and NW 7 Avenue | Future Unfunded Project | ,Flood/Storm Surge | None | | 83094.09 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 34 Avenue and NW 95 Terrace | Future Unfunded Project | ,Flood/Storm Surge | None | | 176525.86 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | NW 24 Avenue and NW 98 Street | Future Unfunded Project | ,Flood/Storm Surge | None | Unknown | 106563.33 | 0 | 6/30/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 8 ST to SW 15 ST from SW 42 AVE to Santiago ST | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,772,000.00 | 0 | | 2 years after project funding is secured | Install 16,604 LF of French Drain and hybrid systems. |
| County Departments | Public Works and Waste Management | SW 72 St to SW 88 St between 107 Ave and 117 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 450,000.00 | 0 | | 2 years after project funding is secured | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | SW 72 ST to SW 80 ST from SW 57 AVE to SW 49 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 10,307,000.00 | 0 | | 2 years after project funding is secured | Install 23,965 LF of French Drain and hybrid systems and then a 48-60 inch gravity outfall at the C-3. |
| County Departments | Public Works and Waste Management | SW 63 ST CANAL, from SW 167 Ave, West for 0.2 miles) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 510,000.00 | 0 | | 2 years after project funding is secured | NEW CANAL (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | SW 24 ST to SW 40 ST from SW 82 AVE to Palmetto Expressway | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 8,228,000.00 | 0 | | 2 years after project funding is secured | Install additional 26,179 LF of French Drain and hybrid systems connecting to the existing systems and Coral Way. |
| County Departments | Public Works and Waste Management | SW 24 ST to SW 12 ST from SW 82 AVE to Palmetto Expressway | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,089,000.00 | 0 | | 2 years after project funding is secured | Construct additional 7,270 LF of French Drain Hybrid systems connecting to the SW 16th Street system and the recently reconstructed Coral Way system. |
| County Departments | Public Works and Waste Management | SW 24 ST from SW 99 AVE to SW 107 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 106,000.00 | 0 | | 2 years after project funding is secured | Convert 8 acres of positive drainage system into a french drain system. Install approximately 500 LF of french drains |
| County Departments | Public Works and Waste Management | SW 204 St, from SW 152 Ave to SW 162 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,100,000.00 | 0 | | 2 years after project funding is secured | NEW CANAL/FLOODWAY IMPROVEMENT (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | SW 169 Ave, from SW 240 ST to SW 258 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,640,000.00 | 0 | | 2 years after project funding is secured | NEW CANAL (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | SW 167 Ave Canal(167 Ave, from SW 10 St to SW 42 St) | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 12,900,000.00 | 0 | | 2 years after project funding is secured | NEW CANAL (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | SW 152 Terr and SW 160 St between SW 126 Ave and S Dixie Hwy | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 900,000.00 | 0 | | 2 years after project funding is secured | Mitigation of repetitive losses and flood complaints. |
| County Departments | Public Works and Waste Management | SW 152 St to SW 138 St, From SW 95 Ct to SW 117 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 20,444,000.00 | 0 | | 2 years after project funding is secured | Construction of a 38,600 gpm pump station and 8,200 LF of french drains with pollution control structure and emergency overflow for C100-S-5. Mnitigation of repetitive losses and flood complaints. |
| County Departments | Public Works and Waste Management | SW 152 At and SW 157 Ave between 144 Ct and 142 Ave (C1-C-12), SW 210 St and SW 192 St between SW 122 Ave and SW 130 Ct (C1-N-9), SW 184 St and SW 208 Terr between SW 127 Ave and Sw 113 St (C1N- W-3) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,250,000.00 | 0 | | 2 years after project funding is secured | Mitigation of Repetitive Losses |
| County Departments | Public Works and Waste Management | West 76 Street from West 36 Avenue to West 28 Avenue (Phase II)PWD Project No. 671952 (SGT) | Project in Planning Stage | Flood/Storm Surge | SGT | Funding Secured | 5,476,355.00 | 0 | 5/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The project consists of widening the existing roadway from 2 to 5 lanes, including a striped center left-turn lane, curb and gutter, sidewalks, a continuous storm drainage, pavement markings and signage, signalization and roadway lighting. |
| County Departments | Public Works and Waste Management | West 24 Avenue from West 52 Street to West 76 Street PWD Project No. 610157 (SGT) | Project in Planning Stage | Flood/Storm Surge | SGT | Funding Secured | 8,583,516.00 | 0 | 5/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The project consists of widening the existing roadway from 2 to 5 lanes, including a striped center left-turn lane, curb and gutter, sidewalks, a continuous storm drainage, pavement markings and signage, signalization and roadway lighting. |
| County Departments | Public Works and Waste Management | Phase I (PWD Project No. 671952) West 76 Street from West 28 Avenue to West 20 Avenue | Project in Planning Stage | Flood/Storm Surge | OTHERS | Funding Secured | 4,977,321.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The project consists of widening the existing roadway from 2 to 5 lanes, including a striped center left-turn lane, curb and gutter, sidewalks, a continuous storm drainage, pavement markings and signage, signalization and roadway lighting. |
| County Departments | Public Works and Waste Management | NW 85 St to NW 80 St between Miami Ave and NW 6 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 968,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements and mitigation of repetitive losses and flood complaints |
| County Departments | Public Works and Waste Management | NW 79 ST to NW 72 ST between E 11 AVE to NW 21 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 11,770,000.00 | 0 | | 2 years after project funding is secured | Construct 25 acre storage in basin CC7-S-13, 15 acre storage in basin CC7-S-16, 3,700 LF of positive system, and 2,800 LF of French Drain connecting the two storage areas. Mitigation of Repetitive losses. |
| County Departments | Public Works and Waste Management | NW 191 St between NW 32 Ave and NW 47 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,870,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | NW 169 Terr to NW 170 St between NW 87 Ave and I-75 Ext | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 217,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements and mitigation of repetitive losses and flood complaints |
| County Departments | Public Works and Waste Management | NE 4th Ave and NE 139 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 811,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements |
| County Departments | Public Works and Waste Management | NE 164 St to Spur #4 Canal between N Biscayne Dr and NE 5 Ave (C8-N-17), Biscayne Canal to NW 135 St between Expwy and Biscayne Canal (C8-W-1), NE 4 Ave to Griffing Blvd between Ne 2 Ave and Biscayne Canal (C8-W-6), Biscayne Canal Rd to NE 92 St between NE 6 Ave and NE 1 Ave (C8-W-8) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 900,000.00 | 0 | | 2 years after project funding is secured | Mitigation of Repetitive Losses |
| County Departments | Public Works and Waste Management | NE 163 St to NE 79 St east NE 6 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 900,000.00 | 0 | | 2 years after project funding is secured | Mitigation of repetitive losses |
| County Departments | Public Works and Waste Management | Mid-Way Pump Station (NW 7 ST and SR 826) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,300,000.00 | 0 | | 2 years after project funding is secured | Pump station improvements to add approximately 2000 linear feet of 4-foot diameter intake piping and approximately 1800 linear feet of 2-foot diameter discharge piping. This project is intended to optimize use of the installed pump capacity at the sta* |
| County Departments | Public Works and Waste Management | Highland Oaks Ditch Improvements (In the area of NW 202 St and NE 26 Ave) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 360,000.00 | 0 | | 2 years after project funding is secured | NEW CANAL/FLOODWAY IMPROVEMENT (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | Golden Glades Ditch Canal X-Section Improvements (NW 170 ST, from NW 117 TO 137 AVE) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,608,314.78 | 0 | | 2 years after project funding is secured | Canal cross section improvements |
| County Departments | Public Works and Waste Management | Golden Glades Ditch Canal X-Section Improvements (From NW 77 CT to NW 82 AVE) | Future Unfunded Project | Flood | Unknown | Unknown | 676,000.00 | 0 | | 2 years after project funding is secured | Canal cross section improvements |
| County Departments | Public Works and Waste Management | Golden Glades Ditch Canal X-Section Improvements (From NW 67 AVE to NW 77 CT) | Future Unfunded Project | Flood | Unknown | Unknown | 1,378,000.00 | 0 | | 2 years after project funding is secured | Canal cross section improvements |
| County Departments | Public Works and Waste Management | Golden Glades Ditch Canal X-Section Improvements (From NW 82 AVE to NW 87 AVE) | Future Unfunded Project | Flood | Unknown | Unknown | 702,000.00 | 0 | | 2 years after project funding is secured | Canal cross section improvements |
| County Departments | Public Works and Waste Management | From W Flagler ST to SW 5 ST;from SW 77 AVE to C-4 Canal | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,817,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements |
| County Departments | Public Works and Waste Management | From SW 92 AVE to SW 99 AVE (C100-E-5), and From SW 112 ST to SW 129 ST (C100-C-13, HOWARD-DR-1) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 19,572,000.00 | 0 | | 2 years after project funding is secured | Construction of a 11,200 gpm pump station and 3,970 LF of french drains, with pollution control structure and emergency overflow for the HOWARD-DR-1 Basin. Construction of a 94,000 gpm pump station, 10.5 acre storage area, and 17,500 LF of french drains, with pollution control structure and emergency overflow, for the C100C-E-5. Mitigation of repetitive losses and flood complaints. |
| County Departments | Public Works and Waste Management | From SW 73 TER to SW 88 ST between From Davis Drive to SW 107 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 602,000.00 | 0 | | 2 years after project funding is secured | Installation of 4,200 LF of french drains, baffles and pollution control structures to improve for water quality of four outfalls. Construct 2,850 LF of french drains. |
| County Departments | Public Works and Waste Management | From SW 56 ST (Miller Drive) to SW 72 ST (Sunset Drive) between SW 97 AVE to SW 107 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,067,000.00 | 0 | | 2 years after project funding is secured | Construct 11,000 LF of french drains, with the installation of 56 new catch basins and interconnection of the existing catch basins to the new exfiltration systemConstruct new emergency overflow to C-2 Canal |
| County Departments | Public Works and Waste Management | From SW 56 ST (Miller Drive) to SW 72 ST (Sunset Drive) between From SW 87 AVE to SW 97 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,796,000.00 | 0 | | 2 years after project funding is secured | Construct 14,800 LF of french drains. Construct baffles/ pollution control structure to improve outfall water quality. Install 55 new catch basins.Interconnect 37 existing catch basins to the new exfiltration system. |
| County Departments | Public Works and Waste Management | From SW 280 ST to SW 288 ST; from SW 142 AVE to South Dixie HWY | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,641,000.00 | 0 | | 2 years after project funding is secured | Construct 6 new outfalls (5' w x 3' h box culverts) from C103N-N-5 to C-103 Canal. Construct 8,000 LF of french drains. |
| County Departments | Public Works and Waste Management | From SW 266 ST to SW 288 ST; from SW 127 AVE to SW 142 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,203,000.00 | 0 | | 2 years after project funding is secured | Construct 7,000 LF of french drains |
| County Departments | Public Works and Waste Management | From SW 264 ST to SW 284 ST; from SW 167 AVE to SW 177 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,032,000.00 | 0 | | 2 years after project funding is secured | Construct 4 new outfalls (4-5'wx4.5'h box culverts) from C103-N-5 to C-103 Canal. Construct 7,170 LF of french drains. |
| County Departments | Public Works and Waste Management | From SW 24 ST to Bird Road between From SW 107 AVE to SW 117 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 718,000.00 | 0 | | 2 years after project funding is secured | Construction of 3,375 LF of french drains. Installation of 8 new catch basins and interconnect the 13 existing catch basins to the new exfiltration system. Mitigation of repetitive losses. |
| County Departments | Public Works and Waste Management | SW 42 Ter to SW 53 St from SW 125 Ave to SW 132 Ave (Royal Green) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 665,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|----------------------------------------------------------------------|-------------------------|-------------------|--------------------------|----------------|-----------------|-----|-------------------------|------------------------------------------|---------------------------------------------------------------|
| County Departments | Public Works and Waste Management | SW 112 Avenue and SW 41 Terrace | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 61,835.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 97 Avenue from West Flagler Street to SW 8 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 274,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 128 Avenue and SW 128 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 56,500.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Marlin Road and SW 186 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 287,960.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | From SW 95 Ct to SW 117 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 2,444,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 82 Street from W Cheryl Lane to E Cheryl Lane | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 35,200.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | McFarlane Road from S Bayshore Drive to Grand Avenue (city of Miami) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 86,600.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 57 Avenue and SW 45 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 53,430.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 22 Avenue from NW 54 Street to NW 56 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 67,464.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 2 Avenue and NW 120 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 113,105.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 159 Street from NW 2 Avenue to NW 6 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 41,861.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 10 Avenue from NE 147 Street to NE 164 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 336,496.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 151 Street from NE 18 Avenue to NE 20 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 277,062.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 22 Avenue and NW 101 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 62,847.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 74 Avenue from NW 25 Street to NW 31 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 369,541.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 46 Street from NW 74 Avenue to NW 73 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 321,449.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 56 Street from NW 72 Avenue to NW 74 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 393,445.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 12 Street from SW 102 Avenue to SW 103 Court | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 120,608.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 26 Street to SW 42 Street from SW 142 Avenue to SW 144 Avenue (JG Head Phase IIA) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 11,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 96 Ave from SW 40 Ter to SW 40 St Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 46,115.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 94 Ave from SW 40 Ter to SW 40 St Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 35,535.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 40 Ter from SW 94 Ave to SW 93 Ave Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 42,090.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 89 Ave from SW 40 St to SW 40 Ter Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 32,430.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 40 Ter (North side) from SW 97 Ave to SW 99 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 13,730.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 104 Ct from SW 40 St to SW 39 St Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 4,825.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 89 Pl from SW 48 St to SW 51 St Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 108,790.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 79 St (North side) from SW 132 Ave to SW 133 Ave Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 160,885.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 108 Ave from SW 40 St to SW 39 St Swale Blocks | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 48,760.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 92 Pl from SW 15 St to SW 13 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 53,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 55 St from SW 94 Ct to SW 93 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 72,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 16 St to SW 24 St from SW 87 Ave to SW 92 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 354,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 10 Ter from SW 84 Ct to SW 86 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 14,900.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 93 Ct from SW 51 St to SW 48 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 55,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 212 St to SW 218 St from SW 117 Ave to SW 127 Ave (West Goulds) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 1,446,189.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------|--------------------|--------------------------|----------------|-----------------|-----|-------------------------|------------------------------------------|---------------------------------------------------------------|
| County Departments | Public Works and Waste Management | SW 218 St from SW 124 Ct to SW 127 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 47,050.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 132 Ave from SW 280 St to SW 278 Ter | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 93,787.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 142 Ln and SW 108 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 68,733.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 108 Street from NW 5 Avenue to Alley | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 98,847.00 | 0 | 6/1/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 271 Ter and SW 142 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 162,690.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 172 St and SW 142 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 185,125.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 191 St from SW 127 Ave to End of Cul-de-sac | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 88,450.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 344 St from SW 207 Ave to SW 214 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 356,440.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 122 St and SW 111 Ave (general area) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 211,140.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 128 Ter to SW 131 Ter from SW 108 Ct to SW 112 Ave (Pine Shores Addition) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 672,100.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 106 St to NW 108 St from NW 2 Ct to NW 5 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 392,582.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | South Biscayne River Dr from NW 5 Ave to NW 6 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 38,396.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 44 St from NW 27 Ave to NW 29 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 66,001.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 110 St and NW 2 Ct | Future Unfunded Project | Flood/Storm Surge, | Unknown | Unknown | 23,293.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 5 Ave and NW 109 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 265,674.41 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 100 Ter and NW 6 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 32,603.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 18 Ave and NW 62 Ter | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 141,558.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | NW 90 St from NW 21 Ave to NW 22 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 148,478.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 87 Ter from NW 33 Ave to NW 35 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 178,754.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 118 St from NW 14 Ave to NW 15 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 164,600.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 21 Ave and NW 97 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 265,674.41 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 19 Ave and NW 83 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 119,283.79 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | ALLEY NE 167 St and NE 7 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 83,832.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 127 St from NW 17 Pl to NW 17 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 62,847.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 82 St and NW 31 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 41,861.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 24 Ave from NW 79 St to NW 78 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 41,861.00 | 0 | | 2 years after project funding is secured | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 131 St from SW 87 Ave to SW 89 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 377,369.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 142 St and NE 2 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 113,997.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 14 Pl from NW 75 St to NW 77 Ter | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 29,746.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 144 Ave from SW 280 St to SW 284 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 88,500.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 133 St from NW 20 Ave to NW 22 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 168,786.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 121 St from NW 18 Ave to NW 19 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 88,676.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 76 St from NW 8 Ave to NW 10 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 167,774.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 155 Ter from NW 8 Ave to NW 9 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 41,861.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 68 Ave and SW 81 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 73,232.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 157 Avenue and SW 98 Terrace (QNIP) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 119,986.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 142 Avenue from SW 40 Street to SW 56 Street | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 1,095,826.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 14 Ave and NW 98 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 62,847.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 81 Ter from NW 30 Ave to NW 31 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 146,789.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 214 St from NE 26 Ave to Dixie Hwy | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 12,392.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 186 St, from NW 177 Ave to (approx.) NW 67 Ave | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 251,000.00 | 0 | | 2 years after project funding is secured | Convert an existing positive drainage system into a hybrid system in Sub-basin 183-S. This control measure corresponds with the NPDES OUTFALL (52-40-11-NW-001C) |
| County Departments | Public Works and Waste Management | NW 74 St to NW 58 St between NW 87 Ave and NW 77 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 900,000.00 | 0 | | 2 years after project funding is secured | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | NW 146 St and NW 7 Ave (east end of street) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 73,973.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 14 Ave and NW 111 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 41,861.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 112 Ter from NW 10 Ave to NW 11 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 11,682.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 19 Ave from NW 68 Ter to NW 69 Ter | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 81,490.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 63 St from NW 22 Ave to NW 23 Ave | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 64,552.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 93 St from NW 29 Ave to NW 29 Ct | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 61,909.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 77 St and NW 30 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 14,818.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 28 Ave and NW 67 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 62,846.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 67 Avenue from NW 167 Street to NW 168 Street | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 357,588.95 | 0 | 5/24/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 152 Avenue from SW 60 Terrace to SW 68 Lane | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 378,578.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 147 Avenue from SW 93 Street to SW 104 Street | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 1,039,047.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 92 Avenue and SW 42 Terrace (Blue Lakes Park) Swale Blocks | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 73,945.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 102 Avenue from SW 48 Street to SW 46 Street Swale Blocks | Future Unfunded Project | ,Flood/Storm Surge | Unknown | Unknown | 130,295.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 63 Ct from SW 50 Ter to SW 53 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 46,200.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 95 Ct and SW 5 Ln | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 85,200.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 9 St from SW 43 Ave to Cul-de-Sac | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 63,593.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 9 Ter from SW 42 Ave to SW 43 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 155,437.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 22 Ave and NE 197 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 13,156.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 26 Ave and NW 68 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 36,376.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 41 St and NW 33 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 27,010.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 65 St from NW 24 Ct to NW 24 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 62,847.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 79 Ter from NW 25 Ave to NW 27 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 50,255.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 90 St from NW 15 Ave to Little River Rd | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 230,732.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 147 St from NW 9 Ave to NW 10 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 76,822.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 83 St from NW 33 Ave to NW 35 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown | 258,958.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20140020 West Dixie Highway from NE 164 Street to NE 173 Street | Other | ,Flood/Storm Surge | RIF | Funding Secured | 8,005,653.00 | 0 | 5/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The Scope of work consists of widening the roadway from 2 to 4 lanes. The proposed improvements include, but are not limited to, raised landscaped medians, bicycle facilities, continuous sidewalks, curb & gutter, existing signalization improvements, pavement markings and signage, decorative lighting, a continuous storm drainage system, replacement and widening of existing bridge crossing over the Snake River Canal, and ROW acquisition. |
| County Departments | Public Works and Waste Management | Water Control Structures Retrofit NW 58 St & NW 117 Ave NW 12 ST & NW 117 AVE | Project in Planning Stage | ,Flood/Storm Surge | SWU/GOB | Funding Secured | 240,000.00 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Town Park Heights Drainage Improvement Project - SW 97 AVE TO SW 95 AVE FROM SW 9 TER TO SW 12 ST | Other | ,Flood/Storm Surge | SWU | Funding Secured | 257,315.00 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Swale blocks west side SW 103 Pl and SW 13 ST Westbrook Park ROW Improvement | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 36,000.00 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 98 AVE FROM SW 16 TER TO SW 19 ST | Other | ,Flood/Storm Surge | SWU | Funding Secured | 276,577.40 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 97 Avenue North of Old Cutler Road | Other | ,Flood/Storm Surge | GOB/SWU | Funding Secured | 155,800.00 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 92 AVE FROM SW 8 TER TO SW 12 ST ROADWAY DRAINAGE | Funding Secured | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT | Funding Secured | 616537.22 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 80 Street and SW 152 Avenue - Drainage and Swale Improvements | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 653,463.00 | 0 | 5/20/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 72 Court from SW 9 Street to SW 11 Street; and SW 9 Street from SW 73 Place to SW 72 Court | Other | ,Flood/Storm Surge | GOB | Funding Secured | 182,948.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 69 Avenue and SW 10 Street Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 230,000.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 68 Ave and SW 13 Ter | Other | ,Flood/Storm Surge | GOB | Funding Secured | 141,137.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 5 St from SW 78 Ct to SW 78 Pl | Other | Flood/Storm Surge | GOB | Funding Secured | 226,482.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 42 TERRACE FROM SW 99 COURT TO SW 101 AVE PROJECT CONSIST OF FULL ON SITE DETENTION SYSTEM TO RETAIN THE 5 YEARS STORM | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 169982.39 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 39 St from SW 75 Ave to SW 73 Ct | Project in Planning Stage | Flood/Storm Surge | GOB | Funding Secured | 228,482.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 38 Street from SW 62 CT to SW 63 Ave | 50% complete | ,Flood/Storm Surge | SWU/GOB | Funding Secured | 57,268.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 328 Street from US-1 to SW 162 Avenue | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 9,789,193.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 328 Street from SW 187 Avenue to US-1 PWD Project No. 20100505 RIF | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 6,200,000.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 296 St and SW 162 Ave | Project in Planning Stage | Flood/Storm Surge | GOB | Funding Secured | 142,450.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 29 ST FROM SW 82 AV TO SW 84 AV | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 100,000.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 28 St to SW 28 St Rd and SW 76 Ave | Project in Planning Stage | Flood/Storm Surge | GOB | Funding Secured | 118,100.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 272 St and SW 128 Ave (Airbase Elementary) | Project in Planning Stage | Flood/Storm Surge | GOB | Funding Secured | 294191 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 268 Street to SW 264 Street Connector from SW 147 Avenue to SW 119 Avenue PWD Project No. 20060240 (RIF Design) & the same to #67 from Project List for Commission District | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 11,713,702.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 264 Street from US-1 to SW 147 Avenue PWD Project No. 20070513 (RIF Design) | Project in Planning Stage | ,Flood/Storm Surge | RIF Design | Funding Secured | 1,640,362.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 220 st bet SW 103 CT & SW 102 Ave (10298 SW 229 ST | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 80,000.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 216 Street from SW 127 Avenue to the HEFT (Turnpike) -Phase II from SW 127 Avenue to SW 112 Avenue (Phase I is completed) | Other | ,Flood/Storm Surge | PTP | Funding Secured | 8,846,126.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 207 Terrace from SW 124 Court to SW 126 Avenue Drainage Improvement Project | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 275,000.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130240 SW 2 Street to SW 4Street from SW 82 Avenue and SW 87 Avenue | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 295,825.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed. |
| County Departments | Public Works and Waste Management | SW 2 Street to SW 4 Street from SW 82 Avenue to SW 87 Avenue Drainage Improvement Project PWD Project No.20130240 | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 144,000.00 | 0 | 5/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed. |
| County Departments | Public Works and Waste Management | SW 176 Street from US-1 to SW 107 Avenue | 75% complete | ,Flood/Storm Surge | PTP | Funding Secured | 4,434,642.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 157 Avenue from SW 88 Street to SW 91 Street | 75% complete | ,Flood/Storm Surge | SWU | Funding Secured | 213,519.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 157 Avenue from SW 304 Street to SW 308 Street | Other | ,Flood/Storm Surge | GOB | Funding Secured | 447,500.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 157 Avenue from SW 184 Street to SW 152 Street | 75% complete | ,Flood/Storm Surge | PTP | Funding Secured | 7,128,130.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 157 Avenue and SW 256 Street Drainage Improvement Project | Other | ,Flood/Storm Surge | GOB | Funding Secured | 36,300.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 152 Street and SW 82 Avenue Drainage Improvement Project | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 220,000.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 152 Avenue and SW 60 Terrace | Other | ,Flood/Storm Surge | SWU | Funding Secured | 343,848.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements |
| County Departments | Public Works and Waste Management | SW 142 Avenue from SW 8 Street to Coral Way | Other | ,Flood/Storm Surge | RIF | Funding Secured | 2,208,035.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 137 Avenue from US-1 to HEFTPWD Project No. 20040344 (PTP) | Project in Planning Stage | ,Flood/Storm Surge | PTP | Funding Secured | 6,097,082.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 137 Avenue from SW 200 Street to US-1PWD Project No. 20090003 (PTP) | Project in Planning Stage | ,Flood/Storm Surge | PTP | Funding Secured | 15,396,778.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 136 Street and SW 74 Avenue Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 100,000.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 132 Avenue from SW 117 Terrace to SW 120 Street | Construction/Project Begun | ,Flood/Storm Surge | PTP | Funding Secured | 392,645.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 128 Court and SW 207 Terrace - Drainage Improvement Project | Other | ,Flood/Storm Surge | SWU | Funding Secured | 240,000.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 127 Ter from SW 115 Ave to End of Cul-de-sac | Other | Flood/Storm Surge | GOB | Funding Secured | 276,577.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20140199 | Other | Flood/Storm Surge | GOB | Funding Secured | 155,119.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 124 Ave and SW 218 St | Other | ,Flood/Storm Surge | GOB | Funding Secured | 56,500.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 114 Street and SW 107 Avenue | Other | ,Flood/Storm Surge | GOB | Funding Secured | 139,142.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 112 Avenue and SW 116 Terrace Drainage Improvement Project | Other | ,Flood/Storm Surge | SWU | Funding Secured | 148799.52 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 111 Street from SW 100 Avenue to SW 102 Avenue Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 123,000.00 | 0 | 5/18/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 104 Street from SW 157 Avenue to SW 142 Avenue | 75% complete | ,Flood | SWU | Funding Secured | 505,335.00 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 104 Street from SW 137 Avenue to SW Hammocks Boulevard | Other | ,Flood/Storm Surge | OTHERS | Funding Secured | 313,827.00 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 10 TERRACE AND SW 88 AVENUE ROADWAY DRAINAGE IMPROVEMENTS | Project in Planning Stage | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT | Funding Secured | 95,000.00 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 58 Street from SW 152 Avenue to SW 148 Place | Other | ,Flood/Storm Surge | SWU | Funding Secured | 180,128.00 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Sunset Harbor Drainage Improvement Project - SW 127 Avenue to SW 128 Avenue from SW 58 Street to SW 65 Street | Other | ,Flood/Storm Surge | GOB | Funding Secured | 489,600.00 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | South Miami Avenue from 15 Road to 8 Street | Other | ,Flood/Storm Surge | SEC | Funding Secured | 3,332,463.00 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Seaboard Acres Pump Station Retrofit | Construction/Project Begun | ,Flood/Storm Surge | SWU/GOB | Funding Secured | 3317350 | 0 | 5/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Seaboard Acres Pump Station Retrofit. The design of the above site shall include, but is not limited to retrofit the existing pump station at Memorial Highway and NE 131 Street. The work shall consist of installing new pumps with all components necessary, drainage structures, slabs, telemetry, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks where needed. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|-----------------------------|-----------------|-----------------|-----|-------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| County Departments | Public Works and Waste Management | School and Park (PWD Project No. 20130248) (GOB 77455) | Project in Planning Stage | Flood/Storm Surge | (GOB 77455) | Funding Secured | 135,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Swale Block installation along SW 108 Street, east of SW 127 Avenue, abutting Arvida Middle |
| County Departments | Public Works and Waste Management | Royal Green Drainage Improvement Project - SW 127 Way to SW 131 Court from SW 54 Street to SW 56 Street (PWD Project No. 20130234 (GOB 77456 | Project in Planning Stage | ,Flood/Storm Surge | GOB 77456 | Funding Secured | 596,796.00 | 0 | 5/16/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Roadway drainage Improvements and the addition of three pollution control structures | Other | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT | Funding Secured | 568,000.00 | 0 | 5/16/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Roadway drainage Improvements and the addition of three pollution control structures |
| County Departments | Public Works and Waste Management | Project No. 20110158 (PTP)NW 36 Avenue from North River Drive to NW 36 Street (Phase II) | Project in Planning Stage | ,Flood/Storm Surge | PTP | Funding Secured | 2,500,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The project consists of two phases. Phase I consists of intersection improvements at North River Drive and NW 36 st roadway lighting for the entire corridor and signalization. Phase II consists of widening the roadway lighting sidewalk and a new storm drainage system |
| County Departments | Public Works and Waste Management | PWWM Project No 20150035 Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 267,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120053 (CSWY) | Other | ,Flood/Storm Surge | CSWY | Funding Secured | 5,518,423.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The improvements to Hobie Island, north side, consist of coastal processes and shoreline design, beach profiling, site development, parking improvements, paving, grading and drainage design, signage and pavement markings, landscape design, environmental permitting, and post-design services during the construction phase of the project. |
| County Departments | Public Works and Waste Management | Replacement of culvert canal crossings at 67th Avenue just north of 36th Street. | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 1,238,000.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements |
| County Departments | Public Works and Waste Management | PWWM Project No. 20140177 NE 25 PL AND NE 187 ST | Other | ,Flood/Storm Surge | SWU | Funding Secured | 18,998.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130262& No.20130274 (SWU) Little Arch Creek Salinity Control Structure Retrofit | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 850,000.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130261 (GOB 77461) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 155,000.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130260 (GOB 77464) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 200,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130259 (GOB 77416) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 147,000.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Drainage Improvement Project (PWD Project No. 20130252) (GOB 77466) | Project in Planning Stage | ,Flood/Storm Surge | GOB 77466 | Funding Secured | 874,000.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed |
| County Departments | Public Works and Waste Management | PWD Project No. 20130250 (GOB 77460) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 190,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130247 (GOB 77457) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 72,000 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20130246 (GOB 77465) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 1,075,000 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed |
| County Departments | Public Works and Waste Management | PWD Project No. 20130245 | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 359,000 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | PWD Project No. 20130231 (RIF) | Other | ,Flood/Storm Surge | RIF | Funding Secured | 6,062,513.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | continuous storm drainage system |
| County Departments | Public Works and Waste Management | PWD Project No. 20130054 (SWU) | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 376,000.00 | 0 | 5/13/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed |
| County Departments | Public Works and Waste Management | Lindgren Phase I and II PWD Project No. 20140198 | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 1,000,000.00 | 0 | 3/24/2016 | 2015 | General drainage improvements, mitigation of flood compl |
| County Departments | Public Works and Waste Management | PWD Project No. 20130050 Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 47,615.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120161 (PTP) (SWU) | Other | ,Flood/Storm Surge | SWU | Funding Secured | 70,799.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120157 WO#1) (GOB) | 75% complete | ,Flood/Storm Surge | GOB | Funding Secured | 295,279.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120131 (PTP) Draiang Improvement Project | Other | ,Flood/Storm Surge | PTP | Funding Secured | 550,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120130 (PTP) | Project in Planning Stage | ,Flood/Storm Surge | PTP | Funding Secured | 82,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120129 (GOB/PTP) Doral Arterial Drainage Improvement | Project in Planning Stage | ,Flood/Storm Surge | GOB/PTP | Funding Secured | 635,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20120048 (SWU) Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 5,500,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 152 Street from SW 157 Avenue to SW 147 Avenue | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 6,414,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20040558 (RIF) | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 9,521,299.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20040389 (PTP) (JPA with City of Miami) | 25% complete | ,Flood/Storm Surge | (PTP) (JPA with City of Miami) | Funding Secured | 5,663,390.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20040388 (PTP) (JPA with City of Miami) | Project in Planning Stage | ,Flood/Storm Surge | (PTP) (JPA with City of Miami) | Funding Secured | 4,541,048.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20040386 (PTP) (JPA with City of Miami) | 25% complete | ,Flood/Storm Surge | (PTP) (JPA with City of Miami) | Funding Secured | 4,702,799.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | PWD Project No. 20040350 (PTP SW 264 Street from US-1 to SW 137 Avenue | Project in Planning Stage | ,Flood/Storm Surge | PTP | Funding Secured | 40,613,888.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 122 Ave, From SW 104 ST to SW 105 Terrace | Project in Planning Stage | ,Flood/Storm Surge | OTHER | Funding Secured | 290,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Drainage improvements SW 122 Ave, From SW 104 ST to SW 105 Terrace |
| County Departments | Public Works and Waste Management | SW 157 Avenue from SW 42 Street to SW 59 Terrace | Other | ,Flood/Storm Surge | GOB SWU | Funding Secured | 1,300,000.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | Project No. 20130101 (RIF) | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 2,661,268.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Project No. 20120047 Town of Miami Lakes | Construction/Project Begun | ,Flood/Storm Surge | Unknown | Funding Secured | 93,321.00 | 0 | 5/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 58 Street from NW 97 Avenue to SR-826 | Other | ,Flood/Storm Surge | RIF | Funding Secured | 114,000,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Project (PWD Project No. 20130255) (GOB 77447) | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 835,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Oleta River Culverts Extension Project | Other | ,Flood/Storm Surge | SWU | Funding Secured | 300,960.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Old Cutler Road Bike Path (Phase II) – Intersection of SW 136 Street and SW 63 Avenue to Cocoplum Circle/Cartagena PlazaPWD Project No. 20080191 (PTP) | 25% complete | ,Flood/Storm Surge | PTP | Identified Funding Source | 1,131,821.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW South River Drive from NW 32 AVE. TO NW 38 AVE | Other | ,Flood/Storm Surge | RIF | Funding Secured | 7,847,301.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed. |
| County Departments | Public Works and Waste Management | NW 97 Avenue from NW 58 Street to NW 70 Street | Other | ,Flood/Storm Surge | RIF | Funding Secured | 4,471,000.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 97 Avenue from NW 52 Street to NW 58 Street | Other | ,Flood/Storm Surge | RIF | Funding Secured | 2,822,000.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 88 Street from NW 24 Avenue to NW 25 Avenue Drainage Improvements | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 160,000.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 87 Avenue from NW 186 Street to NW 189 Street Drainage Improvements | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 353,818.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 87 Avenue from NW 154 Street to NW 186 Street Project No. 20110194 (PTP) | 75% complete | ,Flood/Storm Surge | PTP | Funding Secured | 490,256.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 80 Terrace from NW 32 Avenue to NW 33 Avenue Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 450,000.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 80 TER FROM NW 32 AVE TO NW 36 AVE Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 450,000.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 76 ST FROM NW 36 AVE TO NW 37 AVE | Funding Secured | ,Flood/Storm Surge | SWU | Funding Secured | 425,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 74 Street from NW 87 Avenue to Palmetto Expressway | Construction/Project Begun | ,Flood/Storm Surge | PTP | Funding Secured | 5,802,503.00 | 0 | 5/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 74 Street from NW 114 Avenue to NW 107 Avenue Project No. 20060443 (PTP) | Construction/Project Begun | ,Flood/Storm Surge | PTP | Funding Secured | 354,053.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|--------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|---------------------------------|-----------------|-----------------|-----|-------------------------|------------------------------------------|---------------------------------------------------------------|
| County Departments | Public Works and Waste Management | "NW 72 Street from NW 8 Avenue to NW 10 Avenue Drainage Improvement Project" | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 300,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 70 Avenue and NW 22 Street Drainage Improvement Project | Other | ,Flood/Storm Surge | SWU | Funding Secured | 246,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 58 Street from NW 92 Avenue to NW 102 Avenue - Drainage Improvement Project | 75% complete | ,Flood/Storm Surge | GOB 77465 | Funding Secured | 1,075,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 43 Street and NW 74 Avenue Drainage Improvement Project | Other | ,Flood/Storm Surge | SWU | Funding Secured | 178,148.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 37 Avenue from North River Drive to NW 79 Street (PWD Project No. 20040330) (PTP) | Construction/Project Begun | ,Flood/Storm Surge | PTP | Funding Secured | 14,855,900.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 32 Street & NW North River Drive | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 150,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Boat Basin Canal Dredging (NW N. River Dr and NW 32 ST) | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 267,000.00 | 0 | 2/22/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Boat Basin Canal Dredging |
| County Departments | Public Works and Waste Management | NW 29 Street and NW 40 Avenue - Drainage ImprovementProject | Project in Planning Stage | ,Flood/Storm Surge | GOB/SWU | Funding Secured | 330,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 29 St from NW 33 Ave to NW 32 Ave, and NW 24 St & NW 30 Ave | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 713,000.00 | 0 | 5/3/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 173 DR from NW 60 ave to NW 72 AVE ROADWAY DRAINAGE RETROFIT | Other | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT/GOB | Funding Secured | 750,000.00 | 0 | 4/21/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | SWU FUNDING CAPITAL PROJECT/GOB |
| County Departments | Public Works and Waste Management | NW 178 Street from NW 89 Avenue to NW 90 Court | 75% complete | ,Flood/Storm Surge | SWU | Funding Secured | 72190 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 158 ST & NW 22 AVE ROADWAY DRAINAGE RETROFIT | Other | ,Flood/Storm Surge | SWU CAPITAL PROJECT CRS | Funding Secured | 987,000.00 | 0 | 4/21/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 137 AVE & NW 12 ST INLET MODIFICATION | Other | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT | Funding Secured | 20,000.00 | 0 | 4/21/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 107 Avenue from NW 58 Street to NW 74 Street; and NW 97 Avenue & NW 41 Street -Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 980,000.00 | 0 | 4/21/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 106 Street to NW 103 Street from NW 108 Avenue to NW 112 Avenue | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 340,000.00 | 0 | 4/21/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 3 Ave and NE 159 St Drainage Improvements | Other | ,Flood/Storm Surge | SWU/GOB | Funding Secured | 92,300.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 22 AVE FROM NE 202 ST TO NE 199 ST ROADW WAY DRAINAGE IMPROVEMENTS | Other | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT | Funding Secured | 480000 | 0 | 4/12/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | NE 197 Street and NE 24 Court Drainage Improvement Project | Project in Planning Stage | Flood/Storm Surge | GOB | Funding Secured | 145,463.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 18 Avenue from NE 191 Street to NE 199 Street (NE 18 Avenue & NE 199 Street) | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 280,241.00 | 0 | 4/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 18 Avenue and NE 199 Street Drainage Improvement Project | Other | ,Flood/Storm Surge | SWU | Funding Secured | 55,000.00 | 0 | 4/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 167 Street & NE 14 Avenue | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 50,000.00 | 0 | 4/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 167 Street and NE 14 Avenue | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 21,900.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 151 Street from Biscayne Boulevard to Bay Vista Boulevard | Project in Planning Stage | ,Flood/Storm Surge | RIF | Funding Secured | 390,000.00 | 0 | 4/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 14 Avenue and NE 191 Street Drainage Improvement Project | Other | Flood/Storm Surge | GOB | Funding Secured | 453,200.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE 12 Ave & NE 169 Terrace | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 128,302.00 | 0 | 4/11/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Miller Drive & SW 133 PL | Construction/Project Begun | ,Flood/Storm Surge | GOB | Funding Secured | 223,000.00 | 0 | 3/29/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Miami River Greenways | Construction/Project Begun | ,Flood/Storm Surge | GOB | Funding Secured | 510,359.00 | 0 | 3/25/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed. |
| County Departments | Public Works and Waste Management | Miami River Greenways | 75% complete | ,Flood/Storm Surge | GOB | Funding Secured | 1193721.00 | 0 | 3/25/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed. |
| County Departments | Public Works and Waste Management | Larchmont Pump Station Retrofit | Construction/Project Begun | ,Flood/Storm Surge | SWU GOB | Funding Secured | 4,665,069.00 | 0 | 3/24/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to, the design of a new Stormwater Pump Station at NW 85 street and NW 2 Avenue and retrofit of the existing pump station at NW 85 Street and NW 5 Avenue. The work shall consist of installing new pumps with all components necessary, drainage structures, slabs, telemetry, exfiltration drains, grading, sodding, roadway restoration, including construction of concrete curb and gutter, and sidewalks where needed. |
| County Departments | Public Works and Waste Management | Larchmont Pump Retrofit Station Phases 1 & 2 | Construction/Project Begun | ,Flood/Storm Surge | SWU/GOB | Funding Secured | 3300000.00 | 0 | 3/24/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | The design of the above site shall include, but is not limited to, the design of a new Stormwater Pump Station at NW 85 street and NW 2 Avenue and retrofit of the existing pump station at NW 85 Street and NW 5 Avenue. The work shall consist of installing new pumps with all components necessary, drainage structures, slabs, telemetry, exfiltration drains, grading, sodding, roadway restoration, including construction of concrete curb and gutter, and sidewalks where needed. |
| County Departments | Public Works and Waste Management | Improvements to Five (5) Dirt Roads (PWD Project No. 20130232) (GOB) | Project in Planning Stage | ,Flood | GOB | Funding Secured | 1,055,000.00 | 0 | 3/24/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 82 Avenue from SW 8 Street to SW 9 Terrace Swale Blocks | Future Unfunded Project | ,Flood/Storm Surge | SWU | Funding Secured | 77,050.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | East Westchester Drainage Improvement Project | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 1,500,009.00 | 0 | 2/24/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Drainage Improvement PWD Project No. 20130156) (GOB/SWU) | Construction/Project Begun | ,Flood/Storm Surge | GOB/SWU | Funding Secured | 632,910.00 | 0 | 2/24/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | Drainage Improvement PWD Project No. 20120161) (QNIP) | 75% complete | Flood/Storm Surge | QNIP | Funding Secured | 189,372.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Drainage Improvement Project Multiple Sites (SW 95 Ave from SW 159 ST to SW 160 ST) Open Contract | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 105,156.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Drainage Improvement Project (PWD Project No. 20130263) (GOB 77454) | Project in Planning Stage | ,Flood/Storm Surge | GOB 77454 | Funding Secured | 700,000.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | 1851 NW 46 ST | Other | ,Flood/Storm Surge | SWU FUNDING CAPITAL PROJECT | Funding Secured | 55,000.00 | 0 | 2/17/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | SW 127 Avenue from SW 18 Street to SW 26 Street | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 135,000.00 | 0 | | 2 YEARS AFTER PROJECT FUNDING IS SECURED | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 104 Street from SW 156 Avenue to SW 157 Avenue | Project in Planning Stage | ,Flood | GOB | Funding Secured | 245,000.00 | 0 | | Fiscal year 2015 | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | Drainage Improvement Project (PWD Project No. 20130243) (GOB 77451) | Other | ,Flood/Storm Surge | GOB 77451 | Funding Secured | 170,866.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Drainage Improvement |
| County Departments | Public Works and Waste Management | Drainage Improvement Project (PWD Project No. 20130013) (SWU) | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 127,154.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Drainage Improvement |
| County Departments | Public Works and Waste Management | Drainage Improvement Project (PWD Project No. 20090162) (SWU) | Other | ,Flood/Storm Surge | SWU | Funding Secured | 488,000.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Drainage Improvement |
| County Departments | Public Works and Waste Management | Drainage Improvement Caribbean BLVD Bridge at the C1N Canal Crossing | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 3,025,000.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Drainage Improvement |
| County Departments | Public Works and Waste Management | Drainage Conveyance Line and Emergency Overflow PWD Project No. 20130253 | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 35,000.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | Country Lakes Manors Drainage Improvement Project - NW 198 Terrace from NW 64 Court to NW 62 Place | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 214,219.00 | 0 | 2/23/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | Country Lake Manors Drainage Improvement Project (Phase II) – NW 202 Street to NW 199 Street from NW 57 Avenue to NW 67 Avenue Drainage | Other | ,Flood/Storm Surge | SWU | Funding Secured | 542,480.00 | 0 | 2/22/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | C-100 Outfall Retrofit between SW 140 St and SW 152 St | Project in Planning Stage | ,Flood/Storm Surge | SWU | Funding Secured | 283,500.00 | 0 | 2/22/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | C-100 Outfall Retrofit |
| County Departments | Public Works and Waste Management | Westwind Lakes Phase 1 - SW 65 Terrace to SW 72 Street from SW 151 Court to SW 147 Avenue | Project in Planning Stage | ,Flood/Storm Surge | SWU GOB | Funding Secured | 545,221.00 | 0 | 2/16/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flodd complaints |
| County Departments | Public Works and Waste Management | Alley North of SW 81 Street from SW 67 Avenue to SW 69 Avenue Construction Project | Other | ,Flood/Storm Surge | GOB | Funding Secured | 339,185.00 | 0 | 2/19/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | Arch Creek Phase IV- Pump Stations Improvements | Construction/Project Begun | ,Flood/Storm Surge | SWU | Funding Secured | 120,000.00 | 0 | 2/22/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Pump Stations Improvements |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | Belen Phase III B | Funding Secured | ,Flood/Storm Surge | SWU | Funding Secured | 1,590,000.00 | 0 | 2/22/2016 | 2 YEARS AFTER PROJECT FUNDING IS SECURED | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | 20130158Drainage Improvement Project - SW 99 Ave & SW 101 St;SW 129 AVE & SW 116 ST | Construction/Project Begun | ,Flood/Storm Surge | Unknown | Funding Secured | 0.00 | 0 | 2/18/2016 | fISCAL YEARS 2017 | Mitigation of Repetitive Losses and flood complaints |
| County Departments | Public Works and Waste Management | NE Miami Court from NE 196 Street to NE 198 Street | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 179,707.00 | 0 | | | General drainage improvements mitigation of flood complaints |
| County Departments | Public Works and Waste Management | C-113 EXTENSION (In the area of SW 316 St and SW 328 St between SW 147 Ave and SW 187 Ave) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 3,780,000.00 | 0 | | | NEW CANAL (NO CANAL RESERVATION EXISTS LAND ACQUISITION MAY BE REQUIRED) |
| County Departments | Public Works and Waste Management | C-111 EXT NORTH, from SW 387 St to SW 388 St, following slough path | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 7,971,720.00 | 0 | | | New Canal/Floodway Improvement (No canal reservation exists land acquisition may be required) |
| County Departments | Public Works and Waste Management | NW 22 Ave between NW 135 St and NW 151 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 288,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements |
| County Departments | Public Works and Waste Management | NE 2nd Ave from NEW 191 St to C-9 | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 716,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements and mitigation of repetitive losses and flood complaints |
| County Departments | Public Works and Waste Management | NW 175 St between NW 37 Ave and NW 42 Ave | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 1,027,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements |
| County Departments | Public Works and Waste Management | NW 37 Ave between NW 183 St and NW 180 ST | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 551,000.00 | 0 | | 2 years after project funding is secured | General drainage improvements |
| County Departments | Public Works and Waste Management | SW 92 Avenue from SW 9 Street to SW 11 Street (SW 8 Terrace to SW 12 Street) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 264,500.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 4 Street from SW 82 Avenue to SW 87 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 150,311.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 87 Street from NW 33 Avenue to NW 35 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 101,003.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 132 Place from NW 8 Terrace to NW 9 Terrace | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 186,579.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NW 127 Court from NW 10 Terrace to NW 10 Lane | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 175,822.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 256 St to SW 264 St from SW 122 Ave to SW 127 Ave (Meadow Wood Area Phase 4B) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 660,000.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 54 Ct from SW 74 St to SW 76 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 87,700.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | SW 64 Ave and SW 41 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 113,500.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | North Drive and NE 14 Avenue | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 168,352.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | NE Miami Ct from NE196 St to NE 98 St | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 179,707.00 | 0 | | | General drainage improvements, mitigation of flood complaints |
| County Departments | Public Works and Waste Management | From SW 42 TER to SW 53 ST between From SW 127 AVE to SW 132 AVE | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 2,124,000.00 | 0 | | 2 years after project funding is secured | Convert existing pipes into exfiltration system (8,300 LF) and install pollution control structures and baffles to improve fifty (50) outfalls for water quality; interconnect 111 existing catch basins to the new exfiltration system |
| County Departments | Public Works and Waste Management | From SW 81 ST to SW 83 ST between From SW 79 AVE to SW 87 AVE (Galloway Road) | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 441,000.00 | 0 | | 2 years after project funding is secured | Construct 2,240 LF of french drains. Mitigation of repetitive losses |
| County Departments | Public Works and Waste Management | SW 67th AVE just north of SW 36th ST | Future Unfunded Project | Flood/Storm Surge | Unknown | Unknown/None | 1,238,000.00 | 0 | | 2 years after project funding is secured | Replacement of culvert canal crossings at 67th Avenue just north of 36th Street. |
| County Departments | Public Works and Waste Management | C-1N Canal Capacity Enhancement | Future Unfunded Project | Flood | Unknown | Unknown/None | 500,000.00 | 0 | | 2 years after project funding is secured | Increase the C-1N canal's cross section up and down stream of the Caribbean Blvd Bridge to remove the existing constriction. The C-1N is under the jurisdiction of the SFWMD |
| County Departments | Public Works and Waste Management | Culvert and Canal Improvements along SW 122 Avenue from SW 202 ST to the C-1W | Future Unfunded Project | Flood | Unknown | Unknown/None | 2,500,000.00 | 0 | | 2 years after project funding is secured | Replace the existing undersized culverts with a 84inch pipe at the canal intersection with SW 202 Street & SW 206 Street and replace the existing slab covered canal from SW 208 Street to the C-1W with a pipe culvert. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | SW 122nd Ave Secondary Canal Enhancement Project SOW - Guaval Canal | Future Unfunded Project | Flood | Unknown | Unknown | 4,500,000.00 | 0 | | | This project addresses the flood problems in the area limited on the North by SW 184th St (Eureka Dr.); on the East by Quail Roost Dr. and SW 117th Ave; on the South by the C-1 Canal; and on the West by SW 127th Ave (Burr Rd). The project consists of the construction of the following structural improvements:- Connection of the existing French drain system located NW from the Quail Roost Dr. The connection will consist of a 50-foot long, 6' 9 x 4' 11 corrugated arch-pipe culvert.- One control structure at the above-mentioned French drain system discharge point, similar to a pollution control structure (three chambers with weir and baffle), with the weir at elevation 6.0 ft.-NGVD. This control structure will provide water quality treatment of stormwater discharges and will control peak discharges to meet the South Florida Water Management District (SFWMD) maximum allowable discharge to the C-1 Canal.-Replace two existing four-pipe culverts with a 6' 9x 4' 11 corrugated arch-pipe at the canal intersection with SW 122nd Avenue, and SW 200th Street.-Replace the existing slab cover trench from the downstream end of the SW 122nd Ave Canal to the C-1 Canal to provide for emergency overflow during severe storm events. The proposed conveyance system consists of approximately 1,200 linear feet of corrugated arch-pipe 6' 9 by 4' 11, and 370 linear feet of corrugated arch-pipe 7' by 5' 9 that will discharge the water into the C-1 Canal upstream of the SFWMD's S-149 structure.- In the SW 122nd Ave Canal, the construction of culvert-canal transitions at four canal crossing locations: SW 122nd Avenue, SW 200th Street, SW 202nd Street, and SW 206th Street. Transitions will include concrete wall approaches. |
| County Departments | Public Works and Waste Management | SW 204 ST, from SW 152 AVE to SW 162 AVE | Future Unfunded Project | Flood | | Unknown/None | 2,100,000.00 | 0 | | 2 years after project funding is secured | New canal/ floodway improvements |
| County Departments | Public Works and Waste Management | SW 169 AVE, from SW 240 ST to SW 258 ST | Future Unfunded Project | Flood | Unknown | Unknown/None | 2,700,000.00 | 0 | | 2 years after project funding is secured | New Canal to service the area located in a former slough. |
| County Departments | Public Works and Waste Management | C-103N Extension Canal, (From SW 240 ST to SW 268 ST) | Future Unfunded Project | Flood | Unknown | Unknown/None | 10,200,000.00 | 0 | | 2 years after project funding is secured | New canal/ floodway improvements |
| County Departments | Public Works and Waste Management | SW 157 AVE Canal Interconnect | Funding Secured | Flood | | Capital Improvement | 0.00 | 63 | | 2 years | Project No. 20130213 |
| County Departments | Public Works and Waste Management | SW 63 ST CANAL, from SW 167 AVE, West for 0.2 miles) | Future Unfunded Project | Flood | Unknown | Unknown/None | 510,000.00 | 0 | | 2 years after project funding is secured | New Canal |
| County Departments | Public Works and Waste Management | SW 167 AVE CANAL (167 AVE, from SW 10 ST to SW 42 ST) | Future Unfunded Project | Flood | Unknown | Unknown/None | 12,900,000.00 | 0 | | 2 years after project funding is secured | New Canal |
| County Departments | Public Works and Waste Management | SW 157 AVE CANAL, from SW 8 ST to Bird RD | Future Unfunded Project | Flood | Unknown | Unknown/None | 3,960,000.00 | 0 | | 2 years after project funding is secured | New Canal |
| County Departments | Public Works and Waste Management | Highland Oaks Ditch Improvements | Future Unfunded Project | Flood | Unknown | Unknown/None | 360,000.00 | 0 | | 2 years after project funding is secured | New canal/ floodway improvements |
| County Departments | Public Works and Waste Management | Construction of New Breakwater Structure in the Vicinity of FDEP R-Monument 60 | Future Unfunded Project | Flood | Unknown | Unknown/None | 3,000,000.00 | 0 | | unknown | This project proposes to design and construct a submerged breakwater structure consistent with the alternatives presented in the study, ♦Alternatives for 32nd Street Breakwater, Post Buckley Schuh & Jernigan (PBS&J), November 2008 Study♦, and will include the removal of the existing southernmost breakwater located at State R-Monument R-60, and the construction of sand impoundment berm (minimum 30,000 cubic yards). The design of the proposed breakwater will take into account the following objectives: A. Rubble-mound breakwater with protective stone material B. A life span of 50 years C. Design procedures according to Coastal Engineering Manual or Shore Protection Manual, Coastal Engineering Research Center, USACE, 1985, 2005; that will include: A. Verification of the recommended length and offshore distance of the proposed breakwater (246.1 FT and 467.1 FT, respectively) by utilizing approximate calculation methods for tombolos and down drift performance (Bodge 1998, Silvester and Hsu 1993, Moreno and Klaus 1999, etc.) B. Stillwater Elevation will be MHW, MSL, and MLW calculated from nearest NOAA stations C. Design height of proposed breakwater structure and wave period determination shall be based on historical data from USACE and NOAA stations (hindcasting) D. Dimensions and weight of boulders shall be dependent on the depth of the surrounding waters and their ability to reduce wave energy E. Post Construction Monitoring Plan |
| County Departments | Public Works and Waste Management | Severe Repetitive Loss Projects | Future Unfunded Project | Flood | | Unknown/None | 50,000.00 | 0 | | unknown | This project proposes to address all the remaining severe repetitive losses in Miami-Dade County through the Severe Repetitive Loss (SRL) grant program, authorized by the Bunning-Bereuter-Blumenauer Flood Insurance Reform Act of 2004, which amended the National Flood Insurance Act of 1968 to provide funding to reduce or eliminate the long-term risk of flood damage to severe repetitive loss (SRL) structures insured under the National Flood Insurance Pro-gram (NFIP). The estimated average cost for the mitigation of each severe repetitive loss varies. FEMA may contribute up to 100 percent of the total amount approved under the Repetitive Flood Claims grant award to implement approved activities, if the Applicant has demonstrated that the proposed activities cannot be funded under the Flood Mitigation Assistance (FMA) program. |
| County Departments | Public Works and Waste Management | Three Round Towers | Future Unfunded Project | Wind | | Unknown/None | 1,200,000.00 | 61 | | UNKNOWN | Windstorm Protection from hurricanes |
| County Departments | Public Works and Waste Management | Larchmont Gardens Pump Station | Funding Secured | ,Flood | | (Select) | 1,671,841.00 | 53 | | F.Y 2014-15 | The design of the above site shall include, but is not limited to, the design of a new Stormwater Pump Station at NW 85 street and NW 2 Avenue and retrofit of the existing pump station at NW 85 Street and NW 5 Avenue. The work shall consist of installing new pumps with all components necessary, drainage structures, slabs, telemetry, exfiltration drains, grading, sodding, roadway restoration, including construction of concrete curb and gutter, and sidewalks where needed. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Public Works and Waste Management | Drainage Improvement Project (PWD Project No. 20130258) | Project in Planning Stage | ,Flood | SWU | Funding Secured | 340,000.00 | 63 | | F.Y. 2014-15 | The design of the above site shall include, but is not limited to all operation necessary to raise the drainage level of service to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage would be installed. |
| County Departments | Public Works and Waste Management | Drainage Improvement Project PWD Project No. 201302256 GOB 77414 | Project in Planning Stage | ,Flood/Storm Surge | GOB | Funding Secured | 130,000.00 | 59 | | F.Y. 2014-15 | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed. |
| County Departments | Public Works and Waste Management | NE 6 AVE& NE 185 Street; NE Miami CT, from NE 196-198 ST; NW 22 AVE & NW 175 ST; North DR & NE 14 AVE | Funding Secured | ,Flood | Unknown | Unknown | 835,000.00 | 60 | | F.Y. 2014-15 | The design of the above site shall include, but is not limited to all operation necessary to raise the areas drainage to meet County standards. The work shall consist of installing drainage structures, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks, as applicable, where drainage was installed |
| County Departments | Public Works and Waste Management | Rep. Losses NE 171-213 ST, NE 15-34 AVE | Future Unfunded Project | ,Flood,Sea Level Rise | Unknown | Unknown | 1,800,000.00 | 26 | | 2 years from funding | Mitigation of Repetitive Losses and flood complaints by retrofitting of stormwater management system. |
| County Departments | Public Works and Waste Management | Drainage Improvements to the Seaboard Acres Ditch | Project in Planning Stage | Flood | Unknown | Unknown | 2,000,000.00 | 68 | | | The Seaboard Acres Ditch is a drainage ditch located within the city of North Miami and unincorporated Miami-Dade County. The area it serves chronically floods, severely impacting residents in the area. The proposed project would enlarge the piping system currently in place and dredge the remaining open ditch. |
| County Departments | Public Works and Waste Management | Seaboard Acres Pump Station | Funding Secured | ,Flood,Sea Level Rise | Unknown | Unknown | 1,500,000.00 | 63 | | F.Y. 2014-15 | The design of the above site shall include, but is not limited to retrofit the existing pump station at Memorial Highway and NE 131 Street. The work shall consist of installing new pumps with all components necessary, drainage structures, slabs, telemetry, exfiltration drains, grading, sodding, roadway restoration including construction of concrete curb and gutters, and sidewalks where needed. |
| County Departments | Regulatory and Economic Resources | 32nd Street Breakwater Rehabilitation and Stabilization | Other | Flood | Unknown | Unknown | 800,000.00 | 0 | | on-going maintenance needs | In 2002, Miami-Dade County constructed a series of three breakwater structures in the vicinity of 32nd Street in Miami Beach to stabilize a highly erosion susceptible area and maintain a protective beach. While the project has performed well, recent hurricanes have resulted in the movement and settlement of the boulders used to construct the breakwaters. This movement has altered the original design, and may compromise the protective functions of the breakwaters during future storm events. Rehabilitation and stabilization of the structures will enhance their ability to protect the adjacent shorelines. |
| County Departments | Regulatory and Economic Resources | Beach and Dune Restoration and Maintenance | Other | Wind | Unknown | Unknown | 3,200,000.00 | 0 | | on-going maintenance needs | The majority of Miami-Dade County's beach areas have been restored to provide storm protection to coastal development and recreational areas for residents and tourists. Several localized segments of the beach located at approximately 29th, 44th, and 55th Streets in Miami Beach have been susceptible to erosion, Due to the narrow beach width and lowered elevation in these areas, even minimal storm events can result in impacts to the dune system and beachfront infrastructure. Re-nourishment of these areas would provide a protective buffer during storms, and reduce impacts to adjacent beach areas. |
| County Departments | Seaport | Strengthening of CT Bulkheads & New Berths | Other | ,Other,Storm Surge | This is a Seawall Rehabilitation project and it is budgeted. | Identified Funding Source | 12,000,000.00 | 0 | | 2018 | In order to prevent any hazard and endure severe wind, rain and storm surge events and any damage during inclement weather conditions the strengthening of the low-lying bulkhead wall system, pavement of the north side area and new berths are needed. The work includes design and construction for the removal and replacement of fenders, mooring bollards as well as bulkheads cap. The project also includes drainage, apron and pavement improvements in this area as a mitigation measure to reduce hazard impacts and manage floods. Seaport project number 2010-038 |
| County Departments | Seaport | SFCT Stormwater Redevelopment | Other | ,Flood | Seeking mitigation funding for this port project. Permitting will begin in January 2017. | Identified Funding Source | 3,500,000.00 | 62 | | FY16-17 | Upgrade of the existing drainage systems, including elevating the existing outfall, above current federal, state and local requirements in order to eliminate flooding, to treat storm water runoff to reduce the release of contaminants into the Biscayne Bays, and reduce the loss of operations at the Port in the South Florida Container Terminal cargo yard. The project will be done as part of the new electrical Rubber Tire Gantry Project (eRTGs)to save on overall construction costs. Project number 2008-032.05 |
| County Departments | Seaport | Stormwater Improvements Bays 148-177 | Project in Planning Stage | ,Flood | Seeking mitigation grant funds for this stormwater drainage project at the port. Design for this project should be complete by Summer 2017. | Identified Funding Source | 2,000,000.00 | 58 | | FY18-19 | In order to prevent any hazard and endure severe wind, rain and storm surge events and any damage during inclement weather conditions to this heavy containerized area, the upgrade of existing drainage systems, including elevating the existing outfalls, above current federal, state and local requirements to reduce the loss of operations at the Port in the existing cargo yard from approximately berths 148-177 is needed. This project will be done as part of the overall bulkhead improvement project to raise the bulkhead to minimize the effects of a storm surge on Port operations. project number 2010.051 |
| County Departments | Seaport | Cruise Berth 6 Stormwater Improv | Other | ,Flood | requesting mitigation funds for this project | Identified Funding Source | 750,000.00 | 48 | | FY16-17 | Installation of drainage systems, including elevating the existing outfall, above current federal, state and local requirements in order to eliminate flooding, to treat storm water runoff to reduce the release of contaminants into the Biscayne Bays, and reduce the loss of operations at the Port in the new Cruise Berth 6 project. The project will be done as part of the new Berth 6 construction project to save on overall construction costs. project number 2011.046 |
| County Departments | Seaport | Upgrade of Master Pump Station | Project in Planning Stage | ,Flood/Storm Surge | | Capital Improvement | 5,000,000.00 | 0 | | > 1 year | This project consists of upgrading PortMiami's main pump station with submersible pumps to prevent damage from storm flooding along with the installation of a permanent emergency back-up generator resulting from power failure. Project is currently under design for this long-term hazard mitigation project designed to protect the Port's critical infrastructure from natural disasters for a life expectancy of 50 years. |
| County Departments | Seaport | Systems Backup | Future Unfunded Project | ,Technological Disruption | | Other Internal Funding | 150,000.00 | 0 | | > 1 year | The Port seeks to establish a presence at the Network Access Point (NAP) of the Amer-icas from which to run systems to support Port operations in the event the Port's tech-nology systems are unavailable due to a natural or man-made disaster. This would be similar to the agreement that ITD has signed with New York to support mainframe sys-tems in an emergency. The Port seeks funding to cover costs associated with estab-lishing and maintaining a hot backup site to assure business continuity. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Seaport | Drainage Miigation Plan | Project in Planning Stage | ,Flood | | Capital Improvement | 3,500,000.00 | 0 | | > 1 year | Install and/or upgrade drainage systems throughout PortMiami in excess of current fed-eral, state and local requirements in order to eliminate flooding and to treat storm water runoff to reduce the release of contaminants into Biscayne Bay and reduce the risk of loss of goods and property long-term at the Port. This project will be done as a phased project with an estimated cost of \$1 million each fiscal year. |
| County Departments | Vizcaya Museum and Gardens | Main House Roof Replacement & Roof Structure Enhancement | Future Unfunded Project | Wind | Government Obligation Bonds | Identified Funding Source | 1,800,000.00 | 86 | | 12/31/2017 | This project will involve the replacement of the tile roof and membrane on Vizcaya's Main House that has been seriously compromised from recent hurricanes. The roof wood structure and wood deck will be reinforced to comply with present day wind storm building codes. The project will also include new insulation throughout the attic area that will help lower electrical costs. |
| County Departments | Vizcaya Museum and Gardens | Vizcaya Village Exterior Window and Door Restoration & Wind Storm Protection Reinforcement | Project in Planning Stage | Wind,Flood | General Obligation Bond | Identified Funding Source | 1,500,000.00 | 84 | | 12/31/2017 | The scope of this project entails the refurbishment of the historical windows and the installation of wind storm protection for the windows and doors on historic structures located within Vizcaya's Village. These structures consist of the Garage, Superintendent's House, Staff Residence, Stables and Wagon Shed, Storage Shed, Dairy Barn, and Chicken House. The project will provide a higher level of wind storm protection for the Vizcaya Village buildings, while at the same time preserving the historic integrity and aesthetics of these structures. The windstorm reinforcements will also provide additional thermal protection that will help lower electrical costs. |
| County Departments | Vizcaya Museum and Gardens | Main House Exterior Window and Door Restoration & Wind Storm Protection Reinforcement | Future Unfunded Project | Wind | General Obligation Bond | Identified Funding Source | 2,000,000.00 | 94 | | 12/31/2018 | The scope of this project entails the refurbishment of the historical windows in Vizcaya's Main House with impact glass and the addition of wind storm protection for doors and windows throughout the Main House. This project will provide a higher level of wind storm protection for Vizcaya's Main House, while preserving the historic integrity and aesthetics of this National Historic Landmark. Windstorm reinforcements will provide additional thermal protection that will help lower electrical costs. |
| County Departments | Vizcaya Museum and Gardens | Main House and Gardens Seawall | Future Unfunded Project | ,Flood/Storm Surge,Flood,Sea Level Rise | Future Unfunded Project | Identified Funding Source | 5,000,000.00 | 65 | | 01/30/2019 | Design and build seawall around the property in order to provide protection from seawater rise and storm surge |
| County Departments | Vizcaya Museum and Gardens | Vizcaya Village Roof Replacement & Roof Structure Reinforcement | Construction/Project Begun | Wind | General Obligation Bond | Identified Funding Source | 2,500,000.00 | 85 | | 01/30/2018 | This project will involve the replacement of the roof systems (cover and underlayment) of Vizcaya's Village structures that have been seriously compromised from recent hurricanes. These structures consist of the Superintendent's House, Staff Residence, Stables and Wagon Shed, Storage Shed, Dairy, and Chicken House. The roof wood structures and wood decks will be reinforced and/or replaced to comply with present day wind storm building codes. The project will also include new insulation throughout the attic areas of these historic buildings to help lower electrical costs. It wall also include the rehabilitation of the building envelope. |
| County Departments | Water and Sewer | Replace Roof Mounted Exhaust Ventilation Fans | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 30,000.00 | 0 | | unknown | 36th Street Maintenance Facility. |
| County Departments | Water and Sewer | HEPA Filters at Water Storage Tanks | Future Unfunded Project | Health | Mitigation grants | Unknown/None | 250,000.00 | 0 | | unknown | This project covers the retrofitting of eight storage tanks to incorporate HEPA filters at water storage tanks air vents to protect against chemical or bacteriological contamination. |
| County Departments | Water and Sewer | Physical Security Risk Reduction Measures at Water Treatment Plants | Future Unfunded Project | Security/Terrorism | Mitigation grants | Unknown/None | 12,200,000.00 | 0 | | unknown | These projects include physical security improvements to detect, delay and respond to adversarial actions at the treatment plants, such as hardening of perimeters, high security fencing, intrusion sensors, high security doors and vehicle restraints. |
| County Departments | Water and Sewer | Satellite Phones | Future Unfunded Project | Communications Failure | Mitigation grants | Unknown/None | 15,000.00 | 0 | | unknown | After Hurricane Andrew, communications were virtually non-existent. With satellite phones distributed to our field crews as well as regional command centers, better and faster recovery after a disaster can occur. Phones would be made available to our plant maintenance, pump station and pipeline divisions. |
| County Departments | Water and Sewer | Increased Wastewater Transmission and Treatment Capacity | Future Unfunded Project | Flood | Mitigation grants | Unknown/None | 200,000,000.00 | 0 | | unknown | During periods of heavy rainfall, MD-WASD wastewater system is subjected to peak flows from overloaded storm drainage systems throughout the county and its municipalities. Additional capacity is needed in the county's transmission and treatment system to handle the increased wet weather flows. This construction would significantly reduce sewage overflows throughout the county and alleviate public health concerns after storm events. |
| County Departments | Water and Sewer | Risk Reduction Measures at Treatment Plants and Facilities | Future Unfunded Project | Health | Mitigation grants | Unknown/None | 578,000.00 | 0 | | unknown | These projects are capital improvements to modify treatment processes to reduce possible widespread damage and evacuation due to chlorine accidents. These consist of the following types of projects:a) Change treatment process to sodium hypochlorite method to stop the transportation of chlorine through populated areas. Estimated cost: \$58,000,000b) Purchase spare high service pumps, motors and components:Estimated cost: \$20,000,000 c) Construct booster pump station bypass in distribution network. Estimated cost: \$500,000 |
| County Departments | Water and Sewer | Relocate Water Mains in Rear Easements | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 530,908,000.00 | 0 | | unknown | Currently, there are 500 miles of mains located in rear easements. These mains are in the rear of properties and in alleys. Because of their location, access is oftentimes limited by, trees, sheds and other obstructions that have been placed over the main. After hurricane Wilma, there were 70 main breaks, 90% of them were located in the rear easements. By eliminating the rear easement mains and installing a new water main in front of the property, MD-WASD will reduce the number of main breaks after natural disasters, as well as, increase fire protection, provide improved service and eliminate the need for meter readers to enter private property. |
| County Departments | Water and Sewer | Transfer Water Service from Rear to Front in Locations with Dual Systems | Future Unfunded Project | All Hazards | | Unknown/None | 16,048,500.00 | 0 | | unknown | MD-WASD has estimated that approximately 20% of rear easement mains are dual feeds, i.e., there are existing mains, one in the front and the other in the rear of a customer's premises. Some customers have not changed their connection from the rear main to the main in front of the property. MD-WASD would propose an ordinance obligating the customers to transfer their service to the main located in front of their property. By using the main located in front of the property, WASD will reduce the number of main breaks after natural disasters, as well as, increase fire protection, provide improved service and eliminate the need for meter readers to enter private property. |
| County Departments | Water and Sewer | Replace Roof Mounted Exhaust Ventilation Fans | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 25,000.00 | 0 | | unknown | Distribution Maintenance Facility |
| County Departments | Water and Sewer | Hand-Held GPS Units | Future Unfunded Project | Communications Failure | Mitigation grants | Unknown/None | 50,000.00 | 0 | | unknown | These will assist our field crews in the location of pump stations after a disaster, especially in the event of major devastation. In addition, these units would be helpful to personnel from other units that may provide assistance to MD-WASD. |
| County Departments | Water and Sewer | Shelters for Critical Equipment | Future Unfunded Project | All Hazards | Mitigation grants | Unknown/None | 5,000,000.00 | 0 | | unknown | Much of MD-WASD's emergency equipment is currently stored outdoors: This item proposed the construction of shelters to store portable pumps and generators at sites already owner by MD-WASD. |
| County Departments | Water and Sewer | Harden Water and Sewer Department Buildings | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 20,000,000.00 | 0 | | unknown | A safe room is needed for MD-WASD employees who operate the wastewater treatment plants at the Central and South District wastewater treatment plants during storm or disaster events. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| County Departments | Water and Sewer | Replacement of Canal and Bridge Crossing Pipes | Future Unfunded Project | Flood | Mitigation grants | Unknown/None | 2,500,000.00 | 0 | | unknown | Replace canal and bridge crossing pipes with sub-aqueous crossings. |
| County Departments | Water and Sewer | Construct New South Miami Heights Maintenance Facility | Future Unfunded Project | All Hazards | Mitigation grants | Unknown/None | 35,000,000.00 | 0 | | unknown | The Water Distribution Division located at South Miami Heights is currently housed in trailers. After a hurricane the Water Distribution Division cannot work out of the South Miami Maintenance Facility. The new building will provide a hurricane resistant structure with emergency backup generators to provide a staging and operations center for the emergency period in southern Miami-Dade County. |
| County Departments | Water and Sewer | Replace LeJeune Road Office Building HVAC | Future Unfunded Project | Flood | Mitigation grants | Unknown/None | 350,000.00 | 0 | | unknown | Convert the HVAC rooftop heating, ventilation and air conditioning system on the building's roof to an interior floor mounted system. |
| County Departments | Water and Sewer | LeJeune Road Emergency Operations Center | Future Unfunded Project | Power Failure | Mitigation grants | Unknown/None | 400,000.00 | 0 | | unknown | Convert an existing room at the LeJeune road building into an emergency operations center for the department. Includes is an emergency generator to power the center in the event of a power failure. |
| County Departments | Water and Sewer | Construct a Wind Barrier at the South District Wastewater Treatment Plant | Future Unfunded Project | All Hazards | Mitigation grants | Unknown/None | 85,000.00 | 0 | | unknown | Construct a wind barrier wall to the east of the on-site portable offices being used for the HLD and laboratory offices. These structures are protected on one side by existing structures. Constructing this wall would mitigate damage to the structures. |
| County Departments | Water and Sewer | Replace Roof Mounted Exhaust Ventilation Fans | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 145,000.00 | 0 | | unknown | Westwood Lake Maintenance Facility. |
| County Departments | Water and Sewer | Replace Roof Mounted Exhaust Ventilation Fans | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 50,000.00 | 0 | | unknown | LeJeune Road Office. |
| County Departments | Water and Sewer | Replace Roof Mounted Exhaust Ventilation Fans | Future Unfunded Project | Wind | Mitigation grants | Unknown/None | 50,000.00 | 0 | | unknown | Medley Warehouse. |
| Hospitals | Jackson | Volt Oil Switch Replacements | Funding Secured | ,Power Failure,Flood/Storm Surge | GOB 2005 & Jackson's Bond Referendum November 5, 2013. | Funding Secured | 7,350,000.00 | 94 | | Unknown | To replace volt oil switch at Jackson Memorial Hospital's South and Central Buildings |
| Hospitals | Jackson | Emergency Switchgear Replacements at JNMC | Funding Secured | ,Flood/Storm Surge | GOB 2005 & Jackson's Bond Referendum November 5, 2013. | Funding Secured | 6,950,000.00 | 94 | | Unknown | To replace emergency switchgear at Jackson North Medical Center |
| Hospitals | Jackson | Utility/Energy Center at JMH | Funding Secured | ,Flood,Wind,Power Failure | GOB 2005 & Jackson's Bond Referendum November 5, 2013. | Funding Secured | 5,290,000.00 | 94 | | September 2016 | To upgrade utility/energy center at Jackson Memorial Hospital |
| Hospitals | Mount Sinai | Storm Surge/ Wind Protection | Future Unfunded Project | ,Flood,Flood/Storm Surge,Health | Mitigation grants | (Select) | 100,000.00 | 86 | | less than 6 months | Building Storefront Flood Gates |
| Hospitals | Mount Sinai | Protect Critical Services | Project in Planning Stage | Flood | State funding source | Grant Applied For | 2,000,000.00 | 0 | | 2020 | Relocate critical services to above flood level locations. |
| Hospitals | Mount Sinai | Code Plus Construction Enhancements New Medical Office Tower | Project in Planning Stage | Wind,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Technological Disruption | The funding source is private and bond funding. | Identified Funding Source | 3,750,000.00 | 0 | | 2018 | Construct a Primary Care and Medical Home Tower with code plus wind, storm surge and flood enhancements above the current Florida building code standards. |
| Hospitals | Mount Sinai | Elevate Seawall | Project in Planning Stage | Flood,Flood/Storm Surge,Sea Level Rise | DOH and USACE Section 14 | Grant Awarded | 7,000,000.00 | 96 | | 2020 | Raise Mount Sinai's bayfront seawall, protect the infrastructure including perimeter road and drainage from the effects of flooding and sea level rise. |
| Hospitals | Mount Sinai | Mitigate the Impact of Storm Surge | 25% complete | Flood/Storm Surge,Flood,Sea Level Rise | Department of Environmental Protection | Grant Awarded | 3,000,000.00 | 81 | | 2019 | Install necessary storm drainage improvements |
| Hospitals | Mount Sinai | Protect the Energy Center Facility Chillers | 50% complete | All Hazards | Self funded | Identified Funding Source | 2,000,000.00 | 83 | | Fall 2018 | Retrofit and harden the Energy facility chillers to protect the supply of medically necessary A/C in the event of natural disaster. |
| Hospitals | Mount Sinai | Harden Aventura Emergency Room Buildings | Future Unfunded Project | Wind | | | 950,000.00 | 97 | | unknown | Harden Mount Sinai Aventura and Emergency Room including installing hurricane rated walls, windows, doors, concrete, stairwell pressurization and other systems to protect against high velocity, floor and storm surge events. |
| Hospitals | Mount Sinai | Protect the Cooling Towers | Project in Planning Stage | Multiple (specify in comments Column T) | | Other Internal Funding | 3,000,000.00 | 84 | | unknown | Air conditioning is essential for acute care patient safety, stemming the spread of infection and preventing frail patients - such as newborns and elderly. Protect the existing cooling towers by elevating and/or reinforcing them for flood and wind hazard. |
| Hospitals | Mount Sinai | Greenspan Roof and Enclosures | Funding Applied for | Wind | | Grant Applied For | 300,000.00 | 93 | | unknown | Remove roof and replace all roof top enclosures with Miami-Dade County Hurricane Zone rated systems. |
| Hospitals | Mount Sinai | Protect Satellite Locations | Future Unfunded Project | Wind | | | 1,450,000.00 | 91 | | unknown | Harden the Primary Care Satellite Building including installing hurricane rated walls, windows, doors, EIFS, stairwell pressurization and other systems to protect against high velocity wind, floor and storm surge events and to raise valuable equipment. |
| Hospitals | Mount Sinai | Code Plus Construction Enhancements Surgical Tower | 25% complete | All Hazards | FEMA | Identified Funding Source | 6,500,000.00 | 0 | | unknown | Construct a new surgical facility with code plus wind, storm surge and flood enhancements above the current Florida building code standards. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Hospitals | Mount Sinai | Code Plus Construction Energy Center Facility Protect Redundant Power Supply | Funding Secured | Wind,Flood,Flood /Storm Surge,Health,Pow er Failure,Sea Level Rise,Storm Surge,Technologic al Disruption | | Other Internal Funding | 250,000.00 | 93 | | less than 6 months | Retrofit the Energy facility with code plus wind, storm surge and flood enhancements above the current Florida building code standards. |
| Hospitals | Mount Sinai | Energy Center 2 | Project in Planning Stage | Wind,Flood,Flood /Storm Surge,Health,Pow er Failure | | Grant Awarded | 3,964,239.00 | 95 | | less than 6 months | Retrofit the Energy facility with code plus wind, storm surge and flood enhancements above the current Florida building code standards. |
| Hospitals | Mount Sinai | Harden Knight MRI/Wien Center Building | Future Unfunded Project | Wind | Mitigation grants | | 3,750,000.00 | 0 | | unknown | Harden the Knight Buildings including installing hurricane rated walls, windows, doors, EIFS, stairwell pressurization and other systems to protect against high velocity wind, floor and storm surge events and to raise valuable equipment. |
| Hospitals | Mount Sinai | Harden Child Care Building | Future Unfunded Project | Wind | Mitigation grants | | 750,000.00 | 0 | | unknown | Harden the Child Care Building including installing hurricane rated walls, windows, doors, EIFS, stairwell pressurization and other systems to protect against high velocity wind, floor and storm surge events. |
| Hospitals | Mount Sinai | Harden Research and Education Building | Future Unfunded Project | Flood/Storm Surge,Flood,Health,Power Failure,Sea Level Rise,Security Breach,Storm Surge,Wind | Mitigation grants | | 750,000.00 | 0 | | unknown | Harden the Education and Research Buildings including installing hurricane rated walls, windows, doors, EIFS, stairwell pressurization and other systems to protect against high velocity wind, floor and storm surge events. |
| Hospitals | Mount Sinai | Relocate Operating Rooms | Future Unfunded Project | Wind | Mitigation grants | | 16,500,000.00 | 0 | | unknown | Relocate operating rooms, contents, equipment and critical functions from ground floor to wind rated protective above ground addition. |
| Hospitals | Mount Sinai | Protect the Oxygen Supply for the ER | Future Unfunded Project | Wind | Mitigation grants | | 1,300,000.00 | 81 | | > 1 year | Retrofit the Oxygen supply and redundant centralized ER energy supply with code plus wind, storm surge and flood enhancements above the current Florida building code standards. |
| Hospitals | Mount Sinai | Mitigate Storm Drainage | Project in Planning Stage | Flood/Storm Surge | | Identified Grant Source | 950,000.00 | 0 | | unknown | Mitigate the effects of storm surge and flooding by installing new drainage structures from buildings through surface lots, milling and resurfacing pavement to grade surfaces and aid gravity water removal |
| Municipalities | Aventura | Purchase Communications Information Equipment | Future Unfunded Project | Communications Failure | Mitigation grants | (Select) | 0.00 | 0 | | unknown | During an emergency, it is critical that emergency personnel are able to communicate with one another. This project entails purchasing equipment, such as radios and additional cellular phones, to assist emergency personnel in responding to an emergency. The Aventura Police Department maintains a communication system that services the local community. |
| Municipalities | Aventura | Development of Floodplain Management Plan | Future Unfunded Project | Flood | Potential | Grant Applied For | 0.00 | 0 | | unknown | The city is interested in obtaining grant funds to hire a consultant to develop a floodplain management plan. Ordinance No. 97-19 created a Flood Damage Prevention Ordinance to enforce mitigation efforts throughout the city with regards to flooding. An ordinance is not a plan however and the creation of a floodplain management plan may benefit the community in a more positive "rating" within the Community Rating System, thereby allowing residents to obtain lower flood insurance premiums. The floodplain management plan is a requirement of NFIP if repetitive loss properties are greater than 10. The city currently has 2 repetitive loss properties. |
| Municipalities | Aventura | NE 191st ST Imporvements | 75% complete | ,Flood/Storm Surge | City funded project, but grant is being applied for reimbursement | Funding Secured | 711,962.00 | 53 | | 2017 | Installation of drainage wells and ancillary drainage infrastructure to reduce stormwater pollutants to Biscayne Bay and reduce flood duration on City roadway. |
| Municipalities | Aventura | NE 29 PL Phase II South | Construction/Project Begun | ,Flood | City funded project. | Funding Secured | 721,000.00 | 51 | | 2016 | Reconstruction of existing storm sewer system with exfiltration trenches and ancillary drainage and roadway infrastructure to reduce stormwater pollutants to Biscayne Bay. |
| Municipalities | Aventura | NE 213th ST Sea Wall Restoration | 75% complete | ,Flood/Storm Surge | City funded project but grant is being applied for reimbursement | Funding Secured | 1,387,000.00 | 76 | | 2017 | Drainage improvements in areas prone to flooding and addressing the long term impacts of the rising sea levels by installing check valves in drainage outflows |
| Municipalities | Bal Harbour | IT Enhancements | 75% complete | ,Power Failure,Technologic al Disruption,Wind,Security Breach | Capital Improvements General Fund | Funding Secured | 170,800.00 | 0 | | 10/2016 | To improve the hardware, software and services for security, network, back ups and Phase 1 website restructuring and redesign security cameras and business software to allow for greater accountability and efficiency in operations and continuity of operations. |
| Municipalities | Bay Harbor | Rehabilitation of the Broad Causeway Bridges | 75% complete | ,Flood/Storm Surge,Storm Surge | | Funding Secured | 13,000,000.00 | 90 | | May 2017 | Broad Causeway Bridges rehabilitation of three bridges one of which is a drawbridge and this is an evacuation route/ 12 million from CIP and 1 Million from State Just awarded contract setting up staging areas 2015.01.23 |
| Municipalities | Biscayne Park | Bucket Truck | Future Unfunded Project | Wild Fire,Wind | Mitigation grants | (Select) | 95,000.00 | 75 | | unknown | Purchase bucket truck to facilitate trimming of canopy before and after hurricanes, reducing damage and debris volume. Also provides inexpensive portable location for overhead police surveillance of suspected criminal activities. |
| Municipalities | Biscayne Park | Eighteen Foot Tall Wall along FEC right-of-way. | Future Unfunded Project | Security/Terrorism | Mitigation grants | (Select) | 700,000.00 | 57 | | unknown | Reduces risk of damage to community by train wreck caused by sabotage or accident. With the potential for the new high speed rail this project is even more important. |
| Municipalities | Coral Gables | Fire Station #3 Hurricane shutters | 75% complete | Wind | Capital Improvement | Funding Secured | 88,000.00 | 47 | | 6 Months | Install permanent hurricane window screens to minimize future losses from high wind |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Coral Gables | Acquisition of City Pump Station G Emergency Generator | Future Unfunded Project | Multiple | Sanitary Sewer | Identified Funding Source | 100,000.00 | 56 | | Unknown | Acquisition and installation of a power generator to provide emergency power to City Sanitary Sewer Pump Station G to prevent sewage over-flows, that would create health hazards, in the event of storms, hurricanes and natural disasters. |
| Municipalities | Coral Gables | Elevating Sanitary Sewer Lift Stations Generator at Station F | Project in Planning Stage | Sea Level Rise | Unknown | | 100,000.00 | 62 | | Unknown | Elevate existing sanitary sewer lift station generator in flood prone area to comply with requirements of MDC DERM and to ensure the operation of the sanitary sewer lift station in the event of inland flooding from storm surge and wind driven rain. |
| Municipalities | Coral Gables | Basin Inflow and Infiltration Upgrade | 25% complete | Flood/Storm Surge | FDEP Grant Storm Sewer | Grant Awarded | 1,179,793.00 | 88 | | September 2017 | An inflow and infiltration (I&I) program has been developed to reduce extraneous rain and groundwater that enters the City's wastewater collection system. It is anticipated that by implementing this program, the occurrence of Sanitary Sewer Overflows, which have a negative impact on the environment and public health, will be reduced as well as capital, operating and maintenance costs. |
| Municipalities | Coral Gables | Storm Water Outfalls | Funding Applied for | Flood/Storm Surge | Unknwon | | 500,000.00 | 78 | | September 2017 | Rehabilitation of positive outfalls by cleaning and lining the system to prevent future blockage caused by build-up of bi-valve organisms critical to prevent flooding and health hazards |
| Municipalities | Coral Gables | Elevating Sanitary Sewer Lift Stations Generator at Station D | Future Unfunded Project | Sea Level Rise | Sanitary Sewer | | 100,000.00 | 62 | | Unknown | Elevate existing sanitary sewer lift station generator in flood prone area to comply with requirements of MDC DERM and to ensure the operation of the sanitary sewer lift station in the event of inland flooding from storm surge and wind driven rain. |
| Municipalities | Coral Gables | Fire Station 2 Mitigation | Future Unfunded Project | ,Other | Capital Improvement | Funding Secured | 280,000.00 | 78 | | July 2016 | This Hazard Mitigation Project would provide for Hurricane Code Plus Apparatus Bay doors to Coral Gables Fire Station 2 (525 South Dixie Highway Coral Gables, Florida 33146.). This enhancement would provide for the continuous operation of this emergency management facility. Gables Fire Station 2 provides for sheltering of emergency response personnel; apart from fire fighters, during a hurricane activation. The current station was constructed in 1961 and the garage doors in our apparatus bay(s) need to be upgraded as they do not meet code nor provide for adequate protection of the structure. The current configuration has experienced a myriad of maintenance and reliability issues. The City has identified this project as a priority to maintaining continuity of operations. The requested enhancement is paramount to strengthening the City's emergency response capability. This project would provide for fire apparatus bay doors to Miami-Dade County Building Code "Plus" for a total of 8 doors at an estimated cost of 280,000 - (35,000/per door). |
| Municipalities | Coral Gables | Metal Freestanding Traffic Safety Signs & Trailer | Future Unfunded Project | Multiple | Unknown | | 30,000.00 | 78 | | Unknown | Major storms result in power outages and obstructing debris on the roadways. Portable traffic safety signs will provide the safety needed for traffic control. An open trailer to house and transport the portable signs is needed to transport the portable traffic safety signs. |
| Municipalities | Coral Gables | Acquisition of Coral Gables Public Works, Public Service and Automotive Department Facility Emergency Generator | Project in Planning Stage | Multiple | Secured | | 175,000.00 | 56 | | Unknown | Acquisition of a power generator to provide emergency power to the Public Works facility which houses the utility telemetry and communications systems and is critical to pre and post man-made or natural disaster emergency operations. |
| Municipalities | Coral Gables | Acquisition of City Hall Emergency Generator | Future Unfunded Project | Multiple | Unkown | | 80,000.00 | 58 | | Unknown | Acquisition of a power generator to provide emergency power to the City Hall to ensure the accessibility of computerized records in the event of storms, hurricanes and natural disasters. |
| Municipalities | Coral Gables | City Hall Anex Hurricane Shutters | Future Unfunded Project | Wind | Unkown | | 45,000.00 | 47 | | Unknown | Install permanent hurricane window screens to minimize future lossess from high wind |
| Municipalities | Coral Gables | Historical City Hall Hurricane Shutters | Future Unfunded Project | Wind | Unkown | | 80,000.00 | 47 | | Unknown | Install permanent hurricane window screens to minimize future lossess from high wind |
| Municipalities | Coral Gables | Acquire Portable Pumps & Generators | Future Unfunded Project | Multiple | Unknown | | 50,000.00 | 61 | | Unknown | Trailer mounted portable pumps and accompanying generators are needed the remove floodwaters during and after major storms. |
| Municipalities | Cutler Bay | Develop a Debris Plan | Project in Planning Stage | All Hazards | Town has budgeted FY 2016-2017 for an RFP for Debris monitoring. | Funding Secured | 80,000.00 | 85 | | Unknown | Develop and implement town wide debris removal plan using G.P.S. for data acquisition and G.I.S. for mapping. If the town's proposed debris management plan will coordinate the efforts of the Miami-Dade County's Coordinated Debris Clearance (CDC) Program |
| Municipalities | Cutler Bay | Flood Insurance Research Project | Project in Planning Stage | Flood | will continue to seek out new grant opportunities | Grant Applied For | 90,000.00 | 85 | | Unknown | This project will be part of the work required for the Community Rating System (CRS) and will involve the research of town properties, which do not have flood insurance and the reasons therefore. This effort would result in an action program designed to increase the number of properties covered by the flood insurance. The project will also review the validity of the BFE as reflected on the FIRM and explore the possibilities of variable flood insurance rates that distinguish within the same flood zone between properties that are flood prone and vulnerable to flooding hazards and those which are not and/or have taken steps to correct the potential problem. |
| Municipalities | Cutler Bay | Debris Removal | Funding Secured | All Hazards | Will apply for Grants as necessary | Identified Funding Source | 400,000.00 | 89 | | Unknown | The town presently maintains a list of contractors that have agreed to provide debris removal services following a disaster. The town would develop a Comprehensive Debris Clearance (CDC) plan that would list the names and phone numbers of debris removal contractors, identify potential debris storage sites, removal methods, and provide for special programs. Contracts would be negotiated in advance and monetary damages would be due to the town if the contractor fails to perform. The study also would analyze how the town could best coordinate debris removal activities with related post-disaster service performed by Miami-Dade County. The town welcomes debris removal assistance along federal, state and county roadways, but recognizes that it will need to provide its own service along for most of the smaller, local roadways within the town. |
| Municipalities | Cutler Bay | Reduction of Floating Debris | 25% complete | Flood | budgeted, ongoing | Funding Secured | 60,000.00 | 85 | | Unknown | This proposal will demonstrate the usefulness of low-cost best management practice (BMP) devices in reducing the volume of floating debris that is being washed into Cutler Bay's canals. This floating refuse eventually ends up in the federally protected marine sanctuary of Biscayne Bay. The objective is to start a remedial program in Cutler Bay's urban drainage basin by installing or retrofitting the existing curb inlets with prefabricated curb grates and leaf collecting baskets. These BMP are expected to reduce the volume of floating trash and debris by as much as 20% and also prevent the clogging of the town stormwater system. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Cutler Bay | Canal Cleaning and Shaping Town wide | Construction/Project Begun | Flood | budgeted anually, ongoing | Funding Secured | 750,000.00 | 82 | | Unknown | Dredging of the approximately 11 miles of inland canals located with the Town of Cutler Bay would restore depth and bottom contour. This restoration would directly impact the ability of the canal to hold tidal flooding and minimize flooding of surrounding properties during significant weather events. This dredging project would require funds for hydrographic surveys and bottom contours to determine the scope of work and cost. Dredging requires permits from the State, USACE, and DERM. A hydrographic survey will be required along with soil sampling of the proposed dredged materials. Mitigation work may be required to compensate for damaged ecosystems and will be determined by DERM prior to dredging. |
| Municipalities | Cutler Bay | Drainage Improvements - Saga Bay Section 1.6 Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities. Ongoing | Grant Applied For | 170,000.00 | 94 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Saga Bay Section 1.6 Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - Saga Bay Section 1.8 Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities. ongoing | Grant Applied For | 240,000.00 | 90 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Saga Bay Section 1.8 Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - Bel Aire Section 1.1 Sub-Basin | Future Unfunded Project | Flood | Will Continue to seek out new grant opportunities. Ongoing | Grant Applied For | 820,000.00 | 96 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Bel Aire Section 1.1 Sub-Basin. |
| Municipalities | Cutler Bay | Drainage Improvements - Saga Bay Section 1.2 Sub-Basin | Funding Applied for | Flood | Submitted in 2016 State Legislative Submittal, #2016-02, not funded. Will re-submit in 2017. | Grant Applied For | 300,000.00 | 82 | | unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Saga Bay Section 1.2 Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - Saga Bay Section 1.1 Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities. Ongoing | Grant Applied For | 800,000.00 | 90 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Saga Bay Section 1.1 Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - Saga Bay Section 1.7 Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities. Ongoing | Grant Applied For | 670,000.00 | 87 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Saga Bay Section 1.7 Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - Pine Tree Manor Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek new potential grant opportunities. Ongoing | Grant Applied For | 390,000.00 | 87 | | unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Pine Tree Manor Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - Bel Aire Section 6 Sub-Basin | Future Unfunded Project | Flood | Town will continue seeking grants for future projects | Grant Applied For | 310,000.00 | 83 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Bel Aire Section 6 Sub-Basin. |
| Municipalities | Cutler Bay | Drainage Improvements - Point Royale Section 5 Sub-Basin | Project in Planning Stage | Flood | Stormwater Utility Fund, applied for through State Legislative Submittal 2016-01, not funded | Identified Funding Source | 360,000.00 | 94 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Port Royale Section 5 Sub-Basin. |
| Municipalities | Cutler Bay | Canal Bank Erosion Protection | Funding Applied for | Flood/Storm Surge | was not funded through the 2016 legislative session. Town staff to resubmit request during 2017 legislative session. | Grant Applied For | 350,000.00 | 93 | | Unknown | Design and construct erosion protection structures and bank stabilization projects along town canals which are vulnerable to bank erosion due to storm surge or inland flooding. This project includes the removal of undesirable debris, trees, predominantly Australian pines and fichus, located in close proximity to the canal bank. These trees are prone to falling during a severe windstorm or hurricane causing flow obstructions as well as damage to the canal bank resulting in increased erosion. We must also schedule regular maintenance of town canals to restore flow. |
| Municipalities | Cutler Bay | Flood Zone Data GIS System | 75% complete | Flood | current phase(s) budget through our Stormwater Utility fund | Identified Funding Source | 140,000.00 | 88 | | Unknown | This project will fund the creation of a GIS system to support several activities of the town's National Flood Insurance Community Rating System program including mapping, annual outreach and notification, and the maintenance of all flood zone designations and other data for all real property folio numbers within the town. In addition, the project will integrate town's data into Miami-Dade County's GIS system tailoring products generated for town use. The additional information generated by this system will be essential for the preparation of detailed flood mitigation reports and allow users to track conditions by specific property location. This data will then be utilized to clearly identify and designate low lying areas, which will streamline flood prevention efforts when designing new systems and upgrading existing drainage systems. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Cutler Bay | Drainage Improvements - Bel Aire Section 1.2 Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities | Grant Applied For | 660,000.00 | 85 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Bel Aire Section 1.2 Sub-Basin |
| Municipalities | Cutler Bay | Drainage Improvements - SW 87th Avenue Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities. Ongoing | Grant Applied For | 1,000,000.00 | 90 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: SW 87th Avenue Sub-Basin. |
| Municipalities | Cutler Bay | Caribbean Boulevard Bridge Project | Project in Planning Stage | ,Flood,Health,Sea Level Rise,Storm Surge | will be funded by the CITT | Grant Applied For | 3,000,000.00 | 95 | | 2015 | Widening of the bridge to increase water flow and reduce the bottle neck effect. Project being done in conjunction with Miami-Dade County going out for bidding Summer 2015. Procurement process to begin Winter 2015. |
| Municipalities | Cutler Bay | Town Hall/EOC HVAC System | 25% complete | Wind | Design has begun under PO 1147 issued to TLC Engineering | Grant Applied For | 610,000.00 | 75 | | Unknown | Town Hall / Emergency Operation Center's current HVAC system cannot be operated during a storm event. Therefore, a new per floor dedicated HVAC system (a conventional direct expansion system with roof mounted air handler) would need to be installed for the first two floors which are designated as the EOC facility. The approximate cost for providing this retrofit system of HVAC would be approximately \$275,000.00 per floor. Further, a chase/mechanical space would be required of approximately 200 SF per floor. |
| Municipalities | Cutler Bay | Town Hall/EOC Hardening Project (Mechanical HVAC System) | 25% complete | All Hazards | Design has begun under PO 1147 issued to TLC Engineering | Grant Applied For | 228,000.00 | 77 | | unknown | Town Hall / Emergency Operation Center's the building envelope is composed of the roof and the roof equipment. Reroofing the 13,000 would cost approximately \$158,000. Reinforcement of the building rooftop mechanical systems would include bracing, wind barriers and replacement of some outdated minor equipment. An estimate for this work would be approximately \$70,000. |
| Municipalities | Cutler Bay | Town Hall/EOC Hardening Project (Exterior Walls) | Project in Planning Stage | Wind | Continued grant application(s) and have budgeted design for this fiscal year. Submitted in State Legislative Submittal for funding 2016-08. Town will resubmit in 2017. | Grant Applied For | 728,000.00 | 77 | | Unknown | Town Hall / Emergency Operation Center Building's glazing, the building also has an Exterior Insulating Finish System (EIFS) as its main enclosing system below the glazing. The current system will not meet either current wind or missile impact of any sort. This system will need to be completely replaced is the building envelope is to meet current hardening/category 5 storm by combining the structural reinforcement of the glazing with that of the wall below the cost of replacing this system with an approved exterior wind rated system could be mitigated. |
| Municipalities | Cutler Bay | Storm Shutters for Town Buildings | Funding Applied for | Wind | WILL CONTINUE TO SEEK OUT NEW GRANTS | Grant Applied For | 120,000.00 | 91 | | Unknown | This project would install hurricane shutters and reinforced doors on all municipal buildings not already so protected. The shutters and doors are designed to prevent hurricane force winds and debris from breaking the windows and allowing wind, water and debris to enter the structures. The proposed modifications would allow these buildings to not only survive the hurricane with less damage to the structure and the property stored inside, but also reduce the financial impact to the town. |
| Municipalities | Cutler Bay | Portable Traffic Control Signs | 50% complete | Power Failure | Continue identifying and applying for new grant sources | Grant Applied For | 200,000.00 | 71 | | Unknown | Effective and efficient communication is vital to allow for the rapid evacuation of citizens prior to the impact of a hurricane in Cutler Bay. With a residential population of 41,579 people and a commuter population that at least doubles the affected population during the work week, traffic jams are a certainty. Portable traffic control signs that provide scrolling text messages would allow traffic to be directed to alternative routes and to provide other vital information to motorists. The portable signs have other uses besides assisting in evacuations: they can be used to display information during events such as fire/rescue emergencies, hazardous material spills, special events and terrorist incidents. These signs display a test message that is easily programmed into the unit and can be moved using most any town vehicle with a trailer hitch. The town of Cutler Bay would purchase 4 of these units at a cost of about \$50,000 each, plus additional trailer hitches for town vehicles. |
| Municipalities | Cutler Bay | Emergency Portable Air Conditioner Units | Construction/Project Begun | All Hazards | continue identifying and applying for new grant sources | Grant Applied For | 120,000.00 | 81 | | Unknown | Purchase emergency portable air conditioner units for computer rooms and office areas for all essential operating areas. Town Hall serves as the town's emergency operations center, maintains computer systems and services. The portable air conditioner units would prevent these systems and services from damage and malfunction. Four units are necessary. |
| Municipalities | Cutler Bay | Preventive Pruning of Existing Town Tree Inventory | Funding Secured | Wind | Budgeted on going for F.Y. 2016 - 2017 RFP# 16-02 Tree trimming | Identified Funding Source | 285,000.00 | 82 | | Unknown | This project's purpose is twofold: to minimize storm generated debris and protect infrastructure from tree related storm damage. Studies show that by practicing proper structural pruning methods such as appropriate crown reduction and canopy thinning, tree and limb failures are reduced during storm events. Therefore, properly pruned trees produce less debris and minimize infrastructure damage. This project proposes to create a program that provides regularly scheduled pruning of trees planted by the town within the right of way in order to provide structural integrity and thereby mitigate and clean-up costs and property damage caused by weather events. The department would utilize local contractor services to accomplish project goals. All pruning performed will conform to the International Society of Arboriculture and ANSI A-300 standards. |
| Municipalities | Cutler Bay | Community Emergency Response Teams (CERT) | Other | All Hazards | FUNDED THROUGH THE OFFICE OF EMERGENCY MANAGEMENT | Identified Funding Source | 40,000.00 | 81 | | unknown | This project's goal is to establish CERTS for the town. When an emergency or disaster occurs at anytime and anyplace in the town, trained CERT volunteers will be ready and able to respond to save lives and protect property. CERT members will be able to do the greatest good for the greatest number after a disaster, while protecting them from becoming victims. This program will include but not be limited to basic medical treatment procedures, scene safety, securing utilities, and other hazards, and some rescue operations. |
| Municipalities | Cutler Bay | Cutler Bay Waterway Conveyance Improvements | Project in Planning Stage | Flood | Continue to seek out new potential funding sources | Identified Funding Source | 270,000.00 | 88 | | Unknown | Remove sediments from the Cutler Bay waterway that have built up over time which are causing bank flooding due to the major reduction in channel depth and cross section, as well as causing impassable locations to boat traffic. Preliminary tests show sediment as clean. |
| Municipalities | Cutler Bay | Municipal AM Emergency Radio Broadcast Station | Construction/Project Begun | All Hazards | Continue identifying new potential grant sources | Grant Applied For | 85,000.00 | 72 | | Unknown | Allow issuing of timely information 24/7. Has capacity broadcast, operate without grid power for 2 days, store repeat messages and ability to allow instant timely broadcast messages. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Cutler Bay | Storm Water Outfalls | Funding Secured | Flood/Storm Surge | budgeted annually through the Stormwater Utility Fund, ongoing | Funding Secured | 500,000.00 | 86 | | Unknown | Clean and service line positive outfalls to prevent future blockage caused by build-up of bivalve organisms throughout the town's 11 miles of canals. |
| Municipalities | Cutler Bay | Town Hall/EOC Hardening Project (Impact Resistant Windows) | Project in Planning Stage | Wind | Design has been budgeted for F.Y. 2016 - 2017 | Grant Applied For | 630,000.00 | 82 | | Unknown | Town Hall / Emergency Operation Center Building existing exterior glazing proposed scope would be to retrofit structural elements to reinforce the existing curtain wall system and install transparent interior polyester laminate which would be secured to the existing reinforced frames. |
| Municipalities | Cutler Bay | Removal of Australian Pines and other Exotics | Construction/Project Begun | Wind | included in F.Y. 2016-2017 Budget, also putting out for Bid an RFP#16-02 for Townwide Tree trimming | Funding Secured | 100,000.00 | 84 | | unknown | Debris removal after a storm is an expensive and time-consuming process. Fallen trees can delay the re-entry process by blocking access to roads and properties. This project would create a permanent ongoing tree removal program. It would ensure removal of exotic trees on public rights of way. The exotics would be replaced by appropriate native trees that will enhance the town's tree canopy. The town will maintain the new native trees. |
| Municipalities | Cutler Bay | Drainage Improvements - Cutler Ridge Section 5 Sub-Basin | Future Unfunded Project | Flood | The Town of Cutler Bay will continue to seek out new potential grant opportunities | Grant Applied For | 1,580,000.00 | 88 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: Cutler Ridge Section 5 Sub-Basin. |
| Municipalities | Cutler Bay | Drainage Improvements - SW 97th Avenue Sub-Basin | Future Unfunded Project | Flood | Will identify new grant sources and apply this fiscal year | Grant Applied For | 1,200,000.00 | 80 | | Unknown | The purpose of the Town of Cutler Bay Stormwater Master Plan was to identify opportunities to protect surface water quality and reduce flooding within the limits of the Town of Cutler Bay, Florida. The following priority drainage sub-basins was identified and studied as part of the Stormwater Master Plan: SW 97th Avenue Sub-Basin |
| Municipalities | Doral | NW 33 St. from NW 82 Ave. to NW 79 Ave. Roadway Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge | City General Fund - Secured | Identified Funding Source | 1,600,000.00 | 72 | | 12/31/2018 | This project consists of roadway improvements on NW 33 St. between NW 82 Ave. and NW 79 Ave. Improvements include roadway reconstruction, lighting improvements, installation of new curb and gutter, sidewalks, and construction of new self contained drainage system, consisting of interconnected inlets, manholes, and exfiltration trenches. The curb and gutter will allow the stormwater runoff from the roadway to be completely captured and treated through new exfiltration trenches before being allowed to percolate into the ground and recharge the aquifer. |
| Municipalities | Doral | Installation of Storm Shutters at City of Doral Park Facilities | Project in Planning Stage | Wind | City of Doral General Fund | Identified Funding Source | 75,000.00 | 56 | | September 30, 2020 | This project involves the installation of storm shutters at the Parks & Recreation Buildings. The protection of these facilities is critical to ensure continuity of City services. |
| Municipalities | Doral | Acquisition of Emergency Vehicles and Equipment | Future Unfunded Project | Multiple | General Funds - Potential | Identified Funding Source | 1,600,000.00 | 50 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. These vehicles will be assigned to the following departments: Wastewater Vac-Truck - Public Works - Qty: 1 - Purpose: Clean sewer debris. 4WD Backhoe w/ Clamp Bucket - Public Works -Qty: 1 - Purpose: Clear Debris. Front Loader w/ Clamp Bucket - Public Works - Qty: 2 - Purpose: Clear Debris. Stormwater Vac-Truck - Public Works - Qty: 1 - Purpose: Clean Storm Drains. 50 Yard Roll-off Containers - Public Works - Qty: 2 - Purpose: Debris clean-up/pick-up. Water Filtration Truck - City Hall (Operations Center) - Qty: 1 - Purpose: Source of Potable Water. Ice Machines - City Hall (Operations Center) - Qty: 2 - Purpose: Emergency Operations. |
| Municipalities | Doral | Retrofit of Traffic Signals to Include Transfer Switches | Funding Applied for | Power Failure | City of Doral General Fund | Identified Funding Source | 140,000.00 | 79 | | September 30, 2017 | This project will provide for the installation of transfer switches for the traffic signals at each of the major intersections in the City of Doral. This will allow the use of generators to keep the signals operating during power outages and reduce the traffic fatalities due to absence of signalization. |
| Municipalities | Doral | Pump Station to Address Repetitive Flooding Losses | Other | Flood,Flood/Storm Surge | Private - Potential | Identified Funding Source | 5,838,000.00 | 58 | | Unknown | "Tile District" Pump Station. The installation of an improved storm water conveyance system and pump station required to relieve flooded streets, storm sewers, and properties that have shown repetitive loss during flooding events. Due to contamination in the area and the prohibition of exfiltration trenches, this pumps station is necessary to provide water transmission capabilities in case of severe flooding; thereby decreasing damage to low lying areas. |
| Municipalities | Doral | Acquisition of Emergency Generators | Future Unfunded Project | Power Failure | City of Doral General Fund | Identified Funding Source | 300,000.00 | 72 | | September 30, 2018 | This project would involve the acquisition of power generators to support critical facilities and operations throughout the City. This is a mitigation project that ensures the continued operation of critical City facilities and the appropriate level-of-service for City residents during and after a disaster event. These generators would supply the following facilities: Parks. Quantity: 2. Supply power to Morgan Levy Park and Doral Legacy Park that could serve as distribution centers. Public Works Dept. Quantity: 25. Supplies power for the operation of traffic control signals during power outage. |
| Municipalities | Doral | Point of Distribution | Future Unfunded Project | Multiple | City of Doral General Fund | Identified Funding Source | 700,000.00 | 53 | | September 30, 2020 | This project will include the construction and equipment for a building at Doral Central Park that will serve as the City of Doral "Point of Distribution" center. This facility will serve as a center for information, services and supplies following disaster. |
| Municipalities | Doral | Installation of Transfer Switch at Morgan Levy Park for Emergency Power | Project in Planning Stage | Power Failure | City of Doral General Fund | Identified Funding Source | 50,000.00 | 75 | | September 30, 2017 | This project will provide for the installation of a transfer switch to Morgan Levy Park located in the City of Doral. The facility was constructed to withstand category four hurricane winds, as a result this facility will be utilized as a location for the City to distribute and administer both force account labor as well as volunteers after an event. This is a mitigation project that ensures the continued operation of critical city facilities and the appropriate level-of-service for City residents during and after a disaster event. |
| Municipalities | Doral | NW 41 St. from NW 79 Ave. to NW 87 Ave. Roadway Improvements | Funding Secured | ,Flood/Storm Surge | General Fund. Private Developer/Impact Fee Credit | Identified Funding Source | 1,850,000.00 | 68 | | 6/30/2018 | This project consists of roadway improvements on NW 41 St. between NW 87 Ave. and NW 79 Ave. Improvements include roadway reconstruction, lighting improvements, installation of new curb and gutter, sidewalks, and construction of new self contained drainage system, consisting of interconnected inlets, manholes, and exfiltration trenches. Guardrail will be installed within the project limits to protect traffic from Dressels Canal hazard. The curb and gutter will allow the stormwater runoff from the roadway to be completely captured and treated through new exfiltration trenches before being allowed to percolate into the ground and recharge the aquifer. The drainage improvements as part of this project will advance the South Florida Water Management District's Strategic Plan by protecting the swales, groundwater, and the Dressels Canal from potential contaminated stormwater runoff as well as to prevent untreated stormwater from the roadway to sheetflow into the swales and the Dressels Canal. The project will also improve safety and comfort for motorists, bicyclists, and pedestrians as a result of the improvements to the drainage system. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Doral | Stormwater Improvements 5-Year CIP: Year 5 | Project in Planning Stage | ,Flood | Stormwater fees. | Identified Funding Source | 1,398,536.00 | 84 | | September 2018 | 5 Year Stormwater Improvements Capital Improvement Plan developed after the 2013 Stormwater Master Plan (SWMP) Update. SWMP Update provided a 5 year capital improvement plan for stormwater improvements throughout the City. Through the analysis performed on the 2013 SWMP Update problem areas throughout the City were identified. The City was then divided into sub-basin and the sub-basins were ranked. Conceptual designs and cost estimates were prepared for stormwater improvements proposed on highest ranking sub-basins. Stormwater improvements were proposed for residential and commercial areas to mitigate flooding and repetitive losses. 5 Year CIP: Year 5 - Estimated Cost: \$1,398,536 Locations: NW 82 Ave., between NW 12 St. & NW 25 St. NW 21 St., west of NW 82 Ave. NW 14 St., west of NW 82 Ave. |
| Municipalities | Doral | Stormwater Improvements 5-Year CIP: Year 4 | Funding Secured | ,Flood | Funded by City's Stormwater Fee | Identified Funding Source | 1,047,694.00 | 84 | | July 2018 | 5 Year Stormwater Improvements Capital Improvement Plan developed after the 2013 Stormwater Master Plan (SWMP) Update. SWMP Update provided a 5 year capital improvement plan for stormwater improvements throughout the City. Through the analysis performed on the 2013 SWMP Update problem areas throughout the City were identified. The City was then divided into sub-basin and the sub-basins were ranked. Conceptual designs and cost estimates were prepared for stormwater improvements proposed on highest ranking sub-basins. Stormwater improvements were proposed for residential and commercial areas to mitigate flooding and repetitive losses. 5 Year CIP: Year 4 - Estimated Cost: \$1,047,694 Locations: Sub Basin D-3: NW 30 St., between NW 82 Ave. & NW 79 Ave. Sub Basin D-3: NW 29 St., between NW 82 Ave. & NW 79 Ave. Sub Basin D-79 Ave.: NW 79 Ave., between NW 30 St. & NW 36 St. Sub Basin A-2: NW 21 St., between NW 82 Ave. & NW 79 Ave. Sub Basin A-2: NW 79 Ave. & NW 14 St. |
| Municipalities | Doral | Stormwater Improvements 5-Year CIP: Year 3 | 25% complete | ,Flood,Flood/Storm Surge | Stormwater Fee - Secured | Funding Secured | 1,265,749.00 | 84 | | July 2017 | 5 Year Stormwater Improvements Capital Improvement Plan developed after the 2013 Stormwater Master Plan (SWMP) Update. SWMP Update provided a 5 year capital improvement plan for stormwater improvements throughout the City. Through the analysis performed on the 2013 SWMP Update problem areas throughout the City were identified. The City was then divided into sub-basin and the sub-basins were ranked. Conceptual designs and cost estimates were prepared for stormwater improvements proposed on highest ranking sub-basins. Stormwater improvements were proposed for residential and commercial areas to mitigate flooding and repetitive losses. 5 Year CIP: Year 3 - Locations: Sub Basin C-7: NW 102 PL & NW 21 St. - STATUS: COMPLETED (Construction Cost: \$271,403) Sub Basin H-8: (Construction Cost: \$961,585.00) NW 84 Ave., from NW 54 St. to NW 58 St. NW 56 St., from NW 84 Ave. to NW 82 Ave. NW 82 Ave., north of NW 54 St. NW 56 Ave., NW 82 Ave. to NW 79 Ave. |
| Municipalities | Doral | Stormwater Improvements 5-Year CIP: Year 2 | 75% complete | ,Flood,Flood/Storm Surge | \$1,000,000 Federal Grant administered by FDOT - Secured Grant also includes roadway improvements work such as roadway widening, curb & gutter, and bike lanes. | Grant Awarded | 1,017,150.00 | 84 | | September 2016 | 5 Year Stormwater Improvements Capital Improvement Plan developed after the 2013 Stormwater Master Plan (SWMP) Update. SWMP Update provided a 5 year capital improvement plan for stormwater improvements throughout the City. Through the analysis performed on the 2013 SWMP Update problem areas throughout the City were identified. The City was then divided into sub-basin and the sub-basins were ranked. Conceptual designs and cost estimates were prepared for stormwater improvements proposed on highest ranking sub-basins. Stormwater improvements were proposed for residential and commercial areas to mitigate flooding and repetitive losses. 5 Year CIP: Year 2 - Estimated Cost: \$1,017,150 Locations: Sub Basin J-1: NW 102 Ave., south of NW 58 St. - STATUS: ONGOING Sub Basin J-1: NW 52 St. & NW 104 Ave. - STATUS: COMPLETED Sub Basin J-2: NW 52 St., east of NW 107 Ave. - STATUS: COMPLETED Sub Basin F-5: NW 33 St., between NW 107 Ave. and NW 105 Ave. - STATUS: COMPLETED Sub Basin C-6: NW 21 St., between NW 102 Ave. and NW 99 Ave. - STATUS: COMPLETED |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Doral | Stormwater Improvements 5-Year CIP: Year 1 | 50% complete | ,Flood,Flood/Storm Surge | State Grant managed by FDEP - Secured | Grant Awarded | 1,800,000.00 | 84 | | July 2016 | <p>5 Year Stormwater Improvements Capital Improvement Plan developed after the 2013 Stormwater Master Plan (SWMP) Update. SWMP Update provided a 5 year capital improvement plan for stormwater improvements throughout the City. Through the analysis performed on the 2013 SWMP Update problem areas throughout the City were identified. The City was then divided into sub-basin and the sub-basins were ranked. Conceptual designs and cost estimates were prepared for stormwater improvements proposed on highest ranking sub-basins. Stormwater improvements were proposed for residential and commercial areas to mitigate flooding and repetitive losses.</p> <p>5 Year CIP: Year 1 Locations: Sub Basin F-1: Vanderbilt Park (Construction Cost: \$575,448.80): - STATUS: ONGOING NW 28 St., between NW 102 Ave. and NW 99 Ave. NW 27 Ter., between NW 99 Ave. and NW 98 Ave. NW 27 St., between NW 99 Ave. and NW 97 Ave. NW 26 St., between NW 99 Ave. and NW 98 Ave.</p> <p>Sub Basin H-5: Easter Commercial Area (Construction Cost: \$615,606.00) NW 55 St., between NW 79 Ave. and NW 77 Ct. - STATUS: COMPLETED NW 54 St., between NW 79 Ave. and NW 77 Ct. - STATUS: COMPLETED NW 53 St., between NW 79 Ave. and NW 78 Ave. - STATUS: COMPLETED NW 52 St., between NW 79 Ave. and NW 78 Ave. - STATUS: COMPLETED</p> |
| Municipalities | El Portal | Little River Canal (Canal C-7) Seawall Remediation Project | Project in Planning Stage | ,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge | | Unknown/None | 5,000,000.00 | 0 | | unknown | <p>The C-7 Canal serves two main purposes: 1) to provide flood protection and drainage for the basin, and 2) to maintain adequate groundwater table elevation to prevent saltwater intrusion. The Canal was designed to provide runoff conveyance from a 100-year storm; however, since much of this basin was agricultural during the design and construction of the conveyance, the current capacity may be inadequate due to significant residential and commercial development in the drainage basin. Currently, SFWMD operates two control structures in the C-7 basin.</p> <p>The Village has recognized the need for a proactive approach to managing flooding problems. While the capacity of the C-7 Canal may be inadequate to handle the volume of runoff it currently receives, this problem is exacerbated by the Village's outdated drainage system, which does not have the capacity to handle and treat the volume of runoff at various locations throughout the Village. As a result, the Village experiences flooding after even minor storm events.</p> <p>This project involves the reconstruction and upgrade of the existing seawall and back of the C-7 Canal for the entire length of the Village of El Portal</p> |
| Municipalities | El Portal | Village of El Portal Stormwater Improvements | 25% complete | ,Flood,Flood/Storm Surge | | Capital Improvement | 10,000,000.00 | 0 | | unknown | <p>This project is part of the Villages Stormwater Mast Plan prepared in 2002. Phase I – IV was completed between 2007-2012, which consisted of the installation of gravity stormwater piping and the installation of outfalls for installed systems and future phased systems.</p> <p>The Village is situated geographically at the northeastern portion of Miami – Dade County with Biscayne Boulevard bordering the eastern limits of the Village, Interstate 95 bordering the western limits and the C-7 Canal (Little River) bordering the Village's southern limit.</p> <p>Adequate stormwater drainage is one the fundamental concerns to the prosperity and livelihood of the community. The Village's goal is to enhance its stormwater infrastructure, while protecting and preserving its natural resources. Also, the Village's wastewater needs to rely entirely on septic tank and drain field technology. The performances of these systems are typically hindered by adverse rising groundwater conditions caused by severe storm events.</p> |
| Municipalities | FlCity | Drainage for State Farmers Market | Future Unfunded Project | ,Flood,Health,Flood/Storm Surge,Other | State Appropriation > 1 year | Identified Funding Source | 2,000,000.00 | 63 | | Before next 50 year Storm | The State Farmers Market in Florida City continues to flood in a significant rainfall event. See attached pictures |
| Municipalities | FlCity | Repair of Sewer Lines in Friedland Manor | Funding Secured | ,Health,Flood | CDBG, Legislative Appropriation, City funds | Funding Secured | 475,000.00 | 59 | | 2018 | <p>There is serious infiltration into the sanitary sewer system in Friedland Manor. Being the low point of the City, the water table exerts more pressure on the collection lines and any fault or crack allows substantial infiltration of storm water into the sanitary sewer lines. These faults and cracks also allow for leakage from the sanitary sewer lines into the water table as the water table recedes when the drainage pumps turn on. This exfiltration is a very unhealthy situation. If there is water standing in a yard, fecal contamination and other wastes can rise through water soaked earth and create unhealthy surface conditions. Also, the exfiltration from the sanitary sewer lines into the ground water creates an unhealthy situation for all of us who drink from the aquifer. The funds would be used to televisive the sanitary sewer lines, determine where the lines are deficient, and replace those lines where needed. The County is under a consent order to lessen the environmental impact of the deteriorated waste water sewage system in Miami-Dade. Even elimination of the small amount of human waste that escapes into the ground water in Friedland Manor can be counted by the County as progress toward compliance. Also, every gallon of storm water that infiltrates into the sanitary sewer system is pumped to the County for treatment as if it were human waste.</p> |
| Municipalities | FlCity | Demolition of Dilapidated Structures | Future Unfunded Project | Wind,Health | CRA, CDBG > 1 year | Identified Funding Source | 350,000.00 | 56 | | 2018 | <p>Because of the housing crisis, there are a number of housing structures in the City that have been abandoned by property owners. These structures are rapidly deteriorating and could become a hazard in the event of a major storm. Because they are not being maintained, some have been vandalized and are frequently open to the elements. These housing structures need to be demolished to prevent parts of them from becoming debris in a major wind event.</p> |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | FI City | Water Works Systems Improvement Project | Future Unfunded Project | ,Health | Legislative appropriation | Identified Funding Source | 900,000.00 | 54 | | > 1 Year | The city and its engineer have identified a number of scattered improvements required to eliminate problems of infiltration and exfiltration, which is clearly important for protection of water quality, to improve circulation of water within the system, to improve fire flow, and to insure compliance with current county code. The work involves replacing/repairing damaged sections of pipe, increasing sections of 2" pipe with 8" pipe, installing four fire hydrants, and related tasks. |
| Municipalities | FI City | Repair of Sewer Lines Based on the Evaluation Study | Funding Applied for | Health,Flood/Storm Surge | Legislative appropriation, DEP Wastewater Revolving Loan Fund and HMGP | Identified Funding Source | 7,000,000.00 | 75 | | > 1 year | The city is required by the county's settlement order with DEP to undertake a full evaluation of the city's sewer lines to determine where infiltration and exfiltration may be occurring. The study must be undertaken over time so that the system is tested in both the rainy season and the dry season. The City has completed that study and has determined where repairs are necessary. Repair of these lines will reduce the health hazards associated with septic tanks that pollute the groundwater. Now that the city has determined where the sewer lines are allowing exfiltration and infiltration, the city must begin to address the repair or replacement of those lines. Because the city had undertaken a large multi-year sewer line replacement project following Hurricane Andrew, the City found that there are many sections of the city that have minimum issues. There are other parts of the city where the lines are very old and most of any problems that were discovered there. The City applied to the DEP Revolving Loan Fund and has been added to the priority list. The City has applied for the planning and feasibility study loan and that portion of the project should be complete in April, 2017. The City will then apply for a design loan. |
| Municipalities | FI City | Sealing the Palm Drive Canal | Project in Planning Stage | ,Flood | CDBG, Legislative Appropriation, Developer Extractions, City Funds, County Funds | Identified Funding Source | 17,318,475.14 | 81 | | > 1 year | The Palm Drive Canal is the main drainage structure in the city to transmit storm runoff to the Atlantic Ocean. Most of the underground drainage in the city eventually ends up in this canal. The open canal collects trash and debris over time and requires constant cleaning to remain free flowing. It is also a safety hazard because of the two lanes of traffic on each side. In the floods of 2004-05, the canal overflowed due to its inability to handle the volume of storm water because of siltation and trash blocking the culverts. Part of the open canal is in Homestead so the project has an effect on both cities. |
| Municipalities | FI City | Storm Water Culverts Under West Palm Drive | Future Unfunded Project | ,Flood | Legislative Appropriation, CDBG | Identified Funding Source | 800,000.00 | 64 | | > 1 year | Palm Drive runs east and west and divides the City in two parts. Near NW 8th Avenue and Palm Drive, the property on the northern side of Palm Drive is much lower than the center of Palm Drive. During a significant rain event, the rain creates a small pond on the north side of Palm Drive until the water gets high enough to sheet flow over Palm Drive. There are several houses low enough to flood, and the streets can become impassable. This will also eventually weaken Palm Drive's road base. South of Palm Drive, the City has developed an underground culvert and storm water transmission system to move storm water from Friedland Manor Subdivision to a ten acre holding pond south of the City. To solve the ponding issue North of Palm Drive, the City wants to construct culverts under Palm Drive and join them to the existing storm water culverts four blocks away in Friedland Manor Subdivision so that storm water will flow to a system designed for that purpose. |
| Municipalities | FI City | Public Building Retrofit | Future Unfunded Project | Wind,Flood/Storm Surge | Legislative appropriation or future HMGP funding | Identified Funding Source | 500,000.00 | 75 | | > 1 year | The city owns several buildings that need to be shuttered to protect them from wind damage in the event of a major hurricane. The buildings are the Pioneer Museum and Depot Buildings, the city-owned building occupied by the Department of Juvenile Justice, and the city Water Treatment Plant. |
| Municipalities | FI City | Potable Water Gate Valve Project | Future Unfunded Project | Health,Flood | CDBG and Legislative appropriation | Identified Funding Source | 850,000.00 | 60 | | > 1 year | The City provides potable water to the residents and businesses located in Florida City. Much of the system is older and the gate valves in some areas have failed. When a gate valve fails, the City can no longer shut off the water to a small area in the event of damage to a water line. Instead, a larger geographic area must be closed off during the repair period causing many more people to be without drinking water. The safety issue arises related to fire hydrants. There is a likelihood of greater damage from a fire during these times when closing gate valves causes a discontinuance of water service to large areas. Installing more gate valves and replacing those that are frozen open will provide a safety benefit to our community. |
| Municipalities | FI City | Scattered Site French Drain Project | Future Unfunded Project | Flood,Storm Surge | CDBG, Legislative appropriation, future HMGP | Identified Funding Source | 500,000.00 | 70 | | > 1 year | The City has several low areas that accumulate a moderate amount of standing water following a significant rain event. Water may stand for several days before it slowly percolates into the ground. Constructing drainage structures in these locations will reduce the potential damage to residential and commercial buildings. |
| Municipalities | FI City | Sewer Hookups, Laterals, and Septic Tank Abandonment | Future Unfunded Project | Flood/Storm Surge,Health | CDBG | Identified Funding Source | 500,000.00 | 62 | | > 1 year | Within the City there are a number of houses that are still on septic tanks for various reasons. Some are not adjacent to a sewer line and cannot hook up to the sanitary sewer system. Many families are very low income and cannot afford to pay the construction cost of hooking up to the sanitary sewer system and properly abandoning their septic system. There are a few commercial locations where no sewer service is available and businesses are operating on septic systems. The CRA has funded the cost to hook up low income households in the Community Redevelopment Area and the City has used grant funding to hook up many more. However, the City needs the funding to address the remainder of the needed hookups, gravity lines, lift stations, and septic tank abandonments. In hurricanes as recent as 2005, there was flooding in neighborhoods that covered septic tanks and they no longer operated properly. In some instances, pollution from the septic tanks and field lines escaped from the system and contaminated yards. Correction of this problem will prevent pollution of the groundwater. |
| Municipalities | FI City | Backup for the City Drinking Water System | Future Unfunded Project | Wind,Health | CDBG | Identified Funding Source | 2,100,000.00 | 56 | | > 1 year | The city has discussed an inter connection to the water system operated by the Florida Keys Aqueduct Authority. The connection would provide a backup source of drinking water to the city should the city's water treatment plant suffer damage or should the city's elevated tanks be damaged in a hurricane. The city is near a possible inter-connect to the Florida Keys Aqueduct Authority. |
| Municipalities | FI City | Additional Water Tower | Future Unfunded Project | Wind,Power Failure,Health | CDBG | Identified Funding Source | 2,000,000.00 | 58 | | > 1 year | The city needs an additional water tower for additional storage capacity. During hurricanes and electrical power outages, the existing water tower goes on backup generation to keep the water moving in the distribution system, but the pumps are unable to push water into the tower to keep the water pressure at optimum levels. An additional water tower would provide adequate storage in the event of an incident where the power was down for an extended period of time. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | FiCity | Drainage at the Depot and Pioneer Museum | Future Unfunded Project | Flood,Health | legislative appropriation or HMGp | Identified Funding Source | 500,000.00 | 54 | | > 1 year | The City owns the Pioneer Museum and the Historic Depot on North Krome Avenue. Because of the elevation of US 1, the ground around the Depot and Museum will often be covered with water for an extended period following a major rain event. Since the parking is a grassed area surrounding the building, the parking area cannot be used until the ground dries out. The City desires to construct a porous surface parking area with French drains to deal with the flooding and parking issues simultaneously. |
| Municipalities | Golden Beach | The Town Hall/Emergency Operation Center | Other | ,Flood/Storm Surge,Power Failure,Wind | | Unknown/None | 0.00 | 0 | | unknown | The existing Town Hall, which houses all of the Town's vital records and has been identified as a critical facility, is in need of significant modifications or replacement. The current Town Hall building has limited space, which hinders the ability for employees to adequately respond to the community's needs. A modification option would include the expansion of the current Town Hall building, providing much-needed expanded record storage, additional administration offices for the current staff, and will allow the Town to comply with all ADA requirements. This complex will provide an approved Emergency Operation Center which will enhance the health and life safety issues for residents. It will become a one-stop center for all emergency needs following a declared emergency event. A replacement facility, if constructed, could be built on Town owned land on A1A, providing a Community Center which could include Town Administration offices, enabling the current Town Hall location to be converted to a recreation building or a recreation area and park. |
| Municipalities | Golden Beach | Emergency Generators | Other | ,Flood/Storm Surge | | Unknown/None | 50,000.00 | 0 | | unknown | An emergency generator will guarantee continued operation of the storm water system and the Town Hall/Emergency Operation Center and Police Substation in the event of power outages. The town is located in a coastal environment, and is subject to storms and hurricanes. |
| Municipalities | Golden Beach | Storm Water Drainage System Improvements | Other | ,Flood/Storm Surge | | Unknown/None | 4,635,000.00 | 0 | | unknown | The proposed project is the completion of the storm water facilities as per our storm water Master Plan. The project will mitigate the flooding and saltwater intrusion problems exhibited in the areas west of State Road A1A. This area includes the following five drainage basins: South Parkway Basin, North Parkway Basin, Massini Basin, Center Island Basin, and North Island Basin. The project will include the construction of catch basin inlets, manholes, storm sewer pipes, drainage wells, and three stormwater pump stations. In addition to the flooding mitigation, the proposed drainage systems will enhance the water quality of storm water discharges from the mainland to the Intracoastal Waterway by diverting the first stage of runoff to drainage wells. |
| Municipalities | Golden Beach | Roadway/Streetscape Improvement | Other | | | Unknown/None | 2,987,310.00 | 0 | | unknown | This project will provide safety for all pedestrian traffic including ADA compliance, pedestrians, bicyclists, and strollers use throughout the town of Golden Beach by reducing vehicular speeds, lane narrowing, radical reduction at corners, delineation and deviation, pavers, and the landscape effect and enhanced lighting. In addition to these aspects of the project, the Town plans to shift the current centerline of the Golden Beach Drive roadway pavement three (3) feet east to achieve a balanced impact on the private properties on either side of the roadway to accommodate new sidewalks, valley gutter curbing, landscaping, and much more. Currently, there are no sidewalks along this main thoroughfare and therefore; pedestrians, bicyclists, joggers, etc. all share the roadway with motorized traffic. This is a situation that is potentially unsafe, unfriendly, and poses serious concerns to the town's administrators, elected officials, and residents. This plan proposes constructing a new 4-foot sidewalk along the entire west side of the street. In addition to the aforementioned aspects of the roadway improvement project, this plan includes implementing traffic calming measures and minor street improvements. |
| Municipalities | Golden Beach | Underground Placement of Utilities | Other | ,Wind | | Unknown/None | 6,900,000.00 | 0 | | unknown | The electrical, telephone, and cable lines that serve both the town of Golden Beach and adjacent communities are currently affixed to aboveground poles. As a coastal community, the town is vulnerable to service disruptions caused by storms and hurricanes. Within the first phase of the storm water construction areas, the utility lines were underground; however there are insufficient funds available to continue this as the storm water phase's progress. |
| Municipalities | Hialeah | Roadway/Stormwater Improvements (SE 4 ST to HIA DR from 6-8 AVE) | 75% complete | ,Flood | City Capital Improvement Funds | Identified Funding Source | 151,469.00 | 72 | | December 2017 | Repaving of existing roads and the installation of drains throughout. |
| Municipalities | Hialeah | Roadway Reconstruction (W 8-10 Ave from W 31-33 Street) | Funding Secured | ,Flood | CDBG | Identified Funding Source | 2,190,724.00 | 0 | | July 2017 | This is a roadway reconstruction project that will include West 8th Avenue through West 12th Avenue, between West 31st Street and West 33rd Street. The planned project date has been set to begin January 2017 and is expected to be completed by July 2017 |
| Municipalities | Hialeah Gardens | Pump Stations Back-Up Genarators | Future Unfunded Project | ,Health,Power Failure | | Unknown/None | 750,000.00 | 82 | | 3 months | Purchase and intall back-up generators at City owned and operated sewer pump stations, in order to continue service during extended power outages. |
| Municipalities | Hialeah Gardens | Central District Drainage Improvements | 25% complete | ,Flood,Health | | Capital Improvement | 2,500,000.00 | 68 | | 2 years | Drainage improvements/flood protection, in portions of the residential areas of the City's Central district which accumulate 12" or more of run-off during a 5-yr 1hr storm event. The project is reconstructing and adding drainage structures and exfiltration trenches in the problem areas, and restoring sidewalks and roadway to design elevation and condition. |
| Municipalities | Homestead | New Sewer Mains: To upgrade sewer main/lines to eliminate raw sewage from leaking into the water table. | Funding Secured | Flood | Capital Improvement Fund | Funding Secured | 2,000,000.00 | 75 | | Unknown | New Sewer Mains: To upgrade sewer main/lines to eliminate raw sewage from leaking into the water table.: To enable the WWTP to efficiently dispose of its effluent in the foreseeable future. |
| Municipalities | Homestead | Sewer lines in the Northwest Neighborhood and the West Industrial Area | 50% complete | Flood | Capital Improvement Funds | Funding Secured | 3,300,000.00 | 76 | | Unknown | This project would lessen the possibility of flood during times of heavy rain and prevent the saturation of the ground causing the overflow of septic tanks in these areas. By installing additional sewer lines where they do not now exist, the potential contamination from sewage overflow would be eliminated. |
| Municipalities | Homestead | Flood Insurance Research Project | Project in Planning Stage | Flood | HMGp | Identified Funding Source | 25,000.00 | 68 | | Unknown | This project is an on-going part of the work required for the Community Rating System (CRS) and will involve the research of City properties, which do not have flood insurance and the reasons therefore. This effort would result in an action program designed to increase the number of properties covered by the flood insurance. The project will also review the validity of the Base Flood Elevation (BFE) as reflected on the Flood Insurance Rate Map (FIRM) and explore the possibilities of variable flood insurance rates that distinguish within the same flood zone between properties that are flood prone and vulnerable to flooding hazards and those which are not and/or have taken steps to correct the potential problem. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Homestead | Police Station Security/Hardening | 50% complete | Security/Terrorism | Bond Issue for New Police Station Building | Identified Funding Source | 50,000.00 | 68 | | Unknown | Cameras will be placed to view the entire area of the Police Department, reconstruct the rear door of the P.D. with a bullet-resistant door, installation of three concrete poles in the front of the Police Station protecting the front door entrance. |
| Municipalities | Homestead | Parks & Recreation Security Enhancement | Future Unfunded Project | Security/Terrorism | Capital Improvement Plan | Identified Funding Source | 220,000.00 | 39 | | Unknown | Parks & Recreation: Each gate to be operated remotely and there will be a telephone and camera at each gate to include: Harris Field, William F. Dickinson Center, Phichol Williams Center, JD Redd and Roby George Park, cameras will also be placed to view the entire Perimeter of the building. |
| Municipalities | Homestead | Public Works & Services | Future Unfunded Project | Security/Terrorism | Capital Improvement Plan | Identified Funding Source | 400,000.00 | 67 | | Unknown | Public Works & Services: Vulnerability Assessment/Emergency Plan for the Wastewater Treatment Plant as required by EPA. This is necessary to assess the vulnerability of international threats and natural disasters. |
| Municipalities | Homestead | Additional Digester and Blowers | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 750,000.00 | 49 | | Unknown | The additional digester system is needed in order to obtain Class A standard for the waste sludge. By meeting a Class A standard, the sludge can be utilized in agricultural applications; therefore reducing the amount of waste sludge sent to the South Dade Landfill. |
| Municipalities | Homestead | Acquisition of emergency generators: Procurement | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 58,382.00 | 54 | | Unknown | 1 Generator - Supplies power to the Procurement warehouse. |
| Municipalities | Homestead | Build concrete enclosures around City critical facility systems | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 181,818.00 | 61 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. Enclosures for two (2) fluoride tanks (water treatment plant). |
| Municipalities | Homestead | Mitigation project to protect Critical Facility System | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 90,909.00 | 63 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. One (1) concrete enclosure for water well #4 (water treatment plant). |
| Municipalities | Homestead | Comprehensive review, modification, and enforcement of local laws and regulations software | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 1,150,000.00 | 68 | | Unknown | Update the City's Geographic Information System (GIS) and infrastructure to facilitate the analyses and identification of sensitive areas; and Drafting proposals for improvements, including the enactment of legislation as necessary. |
| Municipalities | Homestead | Economic Incentives & Education Information Package | Future Unfunded Project | Flood/Storm Surge | Capital Improvement Plan | Identified Funding Source | 175,000.00 | 65 | | Unknown | This mitigation project involves the creation of a package of economic incentives to encourage City property owners to undertake flood protection measures such as elevating structures above the Base Flood Elevation (BFE), flood proofing improvements and the like. This project would involve the research of funding sources and low interests loans to help owners pay to elevate or rebuild structures, and finding means of offsetting the costs of the flood mitigation work. This project also involves public education through advertising and awareness programs about the mitigation measures necessary that must be taken before a disaster event to minimize the threat to life and property. |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 51 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Stormwater TV Truck: Public Works 1 vehicle Televiser Damaged Lines |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 209,931.00 | 42 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. 50 Yard Roll-Off Containers: Public Works 3 vehicles Debris Clean-up/Pickup |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 51 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Stormwater Vac Truck: Public Works 1 vehicle Clear Storm Drains |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 139,954.00 | 47 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Front Loader with Clamp Bucket: Public Works 2 Clear Debris |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 54 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. 4 WD Back Hoe with Clamp Bucket: Public Works 1 vehicle Clear Debris |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 55 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Wastewater Vac Truck: Public Works 1 vehicle Clean Sewer Debris |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 48 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Vehicle: Parks and Recreation 1 vehicle Emergency Operations |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 68 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Unfold Decontamination Shelter System 1 Emergency Operations |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 839,724.00 | 62 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Vehicle: Police Department 12 vehicles Emergency Operations |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 349,883.00 | 57 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Vehicle: City Hall (Emergency Operations Center) 5 vehicles. Emergency Operations |
| Municipalities | Homestead | Acquisition of emergency vehicles and equipment | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 69,977.00 | 55 | | Unknown | This project would involve the acquisition of vehicles and support equipment to access and mitigate affected areas throughout the City. Vehicle: General Services (fleet) 1 vehicle Emergency Operations |
| Municipalities | Homestead | Protective Measure for Critical Facility Systems | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 90,909.00 | 57 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. One (1) concrete enclosure for fuel tank (fleet). |
| Municipalities | Homestead | Under-grounding 13kv Distribution | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 12,500,000.00 | 69 | | Unknown | This project will enhance system reliability by installing/replacing/under grounding of the existing overhead distribution system across the entire service area. The under grounding of the distribution system will dramatically enhance and increase the Utility Department's ability to provide uninterrupted services to our customers before, during, and after a hurricane, terrorist, or any other destructive event. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Homestead | Upgrade Substation Feeder Protection | Future Unfunded Project | Power Failure | Capital Improvement Fund | Identified Funding Source | 80,000.00 | 71 | | Unknown | This project involves upgrading all electro-mechanical Protective Relays within the Substations to state of the art Intelligent Electronic Devices (IED). A Protective Relay is a device that will monitor the power system for abnormal conditions and take appropriate action to reduce system stress, equipment damage and personal injury. The process of upgrading the Protective Relays has already begun at the McMinn and Lucy Substations. These new microprocessor relays have proven themselves in the field under trying conditions. Whenever there is a system disturbance, these relays have given an abundance of data, which is used to analyze the situation. These IEDs are multi protection devices in which one unit can replace at least five relays that are in service. They also perform monitoring functions for power quality. This project would involve: Installation of microprocessor relays, compatible to the ones already in services. |
| Municipalities | Homestead | Upgrade OCB's (Oil Circuit Breakers) with VCB's (Vacuum Circuit Breakers) | 25% complete | Health | Capital Improvement Plan | Identified Funding Source | 150,000.00 | 56 | | Fiscal 2017 | This mitigation project involves the replacement of Medium and High Voltage oil circuit breakers in three of the City Electric Substations. The oil breakers are potential hazard environmental equipment that in the event of a failure, they will cause a great environmental damage due the oil spill caused by the circuit breaker tank rupture. The changing to Vacuum Circuit breakers with a clean interruption device other than oil will reduce the City exposure to the cost associate with the Environmental Response Action that must be taken after mineral oil discharge on the grounds from a failure of a Transmission or Distribution oil filled Circuit Breaker |
| Municipalities | Homestead | Installation of Automatic Circuit Reclosers in the Electric Distribution System | Future Unfunded Project | Power Failure | Capital Improvement Fund | Identified Funding Source | 100,000.00 | 82 | | Unknown | This project will enhance the Distribution Feeders over current protection with the objective of; to prevent damage to the equipment and circuits, to prevent hazard to the public and utility personnel, and to maintain a high level of service by preventing power interruptions when possible and minimizing their effects when they do occur. The installation of Circuit Reclosers will mitigate the loss of services for the residential, commercial and industrial customers that are heavily dependent on the availability of electric power. This equipment will reduce significantly the frequency and duration of electric outages in the system. |
| Municipalities | Homestead | Protective Measure for Critical Facility Systems | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 181,818.00 | 68 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. Electric ⚡ Build enclosures around 2 substation properties. |
| Municipalities | Homestead | Acquisition of emergency generators: Electric Utilities | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 175,146.00 | 76 | | Unknown | 3 Generators - Supplies power to 3 substations. |
| Municipalities | Homestead | Strategy for increasing the flood insurance discount for City of Homestead property owners by improving the CRS rating | Future Unfunded Project | Flood | Grant | Identified Funding Source | 50,000.00 | 69 | | Unknown | Step 1 . Organiza Identify other offices/staff to involve in mitigation planning. Draft and adopt the resolution creating the planning committee. Step 2. Involve the public Identify members of the public to serve on the planning committee, stakeholders and committee chair. Draft a questionnaire to residents. Draft newsletter article(s) and news release(s). Step 3. Coordinate. Identify, collect, and review existing studies, plans, and reports that address natural hazards and your community's needs and goals. Distribute the notice that you are preparing the plan. Step 4. Assess the hazard Write a master list of all hazards faced by your community. Check that your FIRM still accurately depicts the base and 500-year floodplains. Map additional areas subject to flooding and drainage problems. Record other available flood data, such as velocities and warning time. Collect available data on the other hazards. Summarize the hazard data with maps, descriptions, and historical experiences for Committee review and to form the basis of the plan's section on the hazards.] Step 5. Assess the problem. Review and summarize the impact of EACH hazard. Prepare an overall summary of the impacts. Step 6. Set goals. Step 7. Review possible activities. Draft appropriate sections of the plan for committee review Step 8. Draft an action plan. Send the draft to the state hazard mitigation office for a courtesy review. Schedule the public meeting Step 9. Adopt the plan Step 10. Implement, evaluate, and revise Step 11. Make Infrastructure Improvements. Purchase software to improve building and all trades plans review. Purchase hardware to improve building and all trades plans review. |
| Municipalities | Homestead | Hazard Material Containers | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 900,000.00 | 73 | | Unknown | This project is a mitigating measure against any type of disaster event, and involves the design and construction of a concrete enclosure w/ cover roof to confine hazard material used in the Electric Utility and Solid Waste. The container will prevent any liquid spill on the ground and reduce the chemical hazard material exposure to the workers. The concrete enclosure must meet or comply with the DERM building criteria or other State/County hazard requirement. |
| Municipalities | Homestead | Drop-Off Site | Future Unfunded Project | Wind,Flood/Storm Surge | Capital Improvement Plan | Identified Funding Source | 900,000.00 | 49 | | Unknown | Designation and or acquisition of a 1.5-acre debris and trash drop-off site and its related mulching equipment for the convenience of City residents during and after disaster. This site is needed as an additional mitigation tool to dispose unwanted materials and debris before and after a disaster event that would otherwise become a threat to the life and property of City and area residents. Intergovernmental coordination with Miami-Dade County and Florida City is crucial in the site selection process. |
| Municipalities | Homestead | Improvements to Existing Buildings | 50% complete | Flood | Capital Improvement Plan | Identified Funding Source | 500,000.00 | 66 | | Unknown | This project involves the improvement to critical department buildings that are below the flood level to prevent flooding during and after a storm event. |
| Municipalities | Homestead | Construction of a Structure to store Emergency Vehicles and Equipment | Future Unfunded Project | Flood | Capital Improvement Plan | Identified Funding Source | 1,200,000.00 | 58 | | Unknown | This mitigation project would be a joint effort between Florida City and Homestead to provide shelter for emergency vehicles for both cities. This structure is necessary to ensure readily available emergency vehicles before, during, and after a disaster event. |
| Municipalities | Homestead | Protective Measure for Critical Facility Systems | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 90,909.00 | 67 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. Storage sheds concrete enclosures (field operations). |
| Municipalities | Homestead | Acquisition of airboats and flat boats | Future Unfunded Project | Flood | Capital Improvement Plan | Identified Funding Source | 154,000.00 | 0 | | Unknown | Both, airboats and flat boats are required to access areas of extensive flooding to assist residents during the disaster event and in the recovery phase. These boats will be used by the Homestead Police Department. Flat Boats: Seven (7) Airboats: Six (6) |
| Municipalities | Homestead | Acquisition of emergency generators: Police | Future Unfunded Project | All Hazards | Secured Bond Issue for new Police Station Building | Identified Funding Source | 180,000.00 | 66 | | Unknown | 18 Generators- These generators would supply power at 18 critical traffic intersections. The cost is for the generators, transfer switches, and security boxes for the generators. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Homestead | Sidewalks/ Roadway Improvements | 50% complete | All Hazards | Capital Improvement Plan | Identified Funding Source | 200,000.00 | 56 | | Fiscal 2017 | This project consists of a citywide roadway/sidewalk/bridge evaluation to identify and improve weak points in the infrastructure. These projects are crucial due to main roadways being used by many as evacuation routes before, during, and after emergency events. Sidewalks/Roadway Improvements: To implement a citywide evaluation to target areas in need. |
| Municipalities | Homestead | Improve Transportation Infrastructure | 25% complete | All Hazards | Miami-Dade County Roads and State of Florida Roads | Identified Funding Source | 2,000,000.00 | 77 | | Unknown | This project consists of a citywide roadway/sidewalk/bridge evaluation to identify and improve weak points in the infrastructure. These projects are crucial due to main roadways being used by many as evacuation routes before, during, and after emergency events. Bridge Repairs: This project would involve the repairs of existing, City-owned bridges that are in structurally unsafe and/or poor conditions. |
| Municipalities | Homestead | Tree Trimming in City of Homestead | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 150,000.00 | 58 | | Unknown | This project involves the acquisition of contractual services for tree trimming at City parks, facilities and roadways. The proper pruning and thinning of tree canopies would be extremely beneficial in minimizing potential damage to buildings, electrical components, vehicles, and other property; and result in a pay back in a reduction of post-event casualty pay-outs. |
| Municipalities | Homestead | Emergency Supplies and Equipment | Other | All Hazards | Capital Improvement Fund | Identified Funding Source | 200,000.00 | 64 | | Unknown | This project involves the acquisition of tools, supplies, and small equipment to handle different emergencies during a disaster event. These tools and equipment will help in the mitigation process for areas of the City that need cleaning, debris pick-up and removal before, during, and after a disaster event. The Police, Public Works and Services, Development Services and Parks and Recreation are the departments involved in this action. Among these tools and equipment are 48 hour emergency supply kits for 150 essential personnel and damage assessment teams such as cameras, first aid kits, weather gear, communications equipment and debris removal power equipment, along with mobile flood relief pumps will be needed. |
| Municipalities | Homestead | Wastewater Infiltration/Inflow | 25% complete | Flood | Capital Improvement Fund | Identified Funding Source | 2,400,000.00 | 77 | | Unknown | This project is needed to conduct a study and the purchase of materials and equipment in order to continue implementing corrective measures to prevent storm and ground water intrusion into the sewer system by performing maintenance and inspections and to protect the groundwater from possible contamination as a result of wastewater exfiltration. |
| Municipalities | Homestead | Protective Measure for Critical Facility Systems | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 272,727.00 | 79 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. Three (3) concrete enclosures with proper ventilation for existing chlorine feed systems (water treatment plant). |
| Municipalities | Homestead | Storm Water System Upgrade | Future Unfunded Project | Flood/Storm Surge | Capital Improvement Fund | Identified Funding Source | 21,252,000.00 | 70 | | Unknown | Construct new and upgrade drainage elements: To increase drainage capability in the City such as the construction and upgrade of culverts, ditches, French drains, catch basins, etc. |
| Municipalities | Homestead | Landscaping and right-of-way enhancement | Future Unfunded Project | Flood/Storm Surge | Capital Improvement Fund | Identified Funding Source | 500,000.00 | 67 | | Unknown | Landscaping and right-of-way enhancement to prevent flooding: To create swales and landscape to reduce runoff and increase percolation by grading the ROW. |
| Municipalities | Homestead | Krome Avenue Historic District | Future Unfunded Project | Flood/Storm Surge | Capital Improvement Fund | Identified Funding Source | 5,740,000.00 | 75 | | Unknown | Krome Avenue Historic District: This area is prone to flooding during high rain events and it became evident during Hurricane Katrina. This project will minimize destruction of valuable storefronts and businesses along Krome Avenue and its vicinity. |
| Municipalities | Homestead | Vegetation work and maintenance equipment | Future Unfunded Project | Flood/Storm Surge | Capital Improvement Plan | Identified Funding Source | 100,000.00 | 64 | | Unknown | Vegetation work and maintenance equipment: To clear aquatic vegetation around canals and ditches before, during, and after a storm event. |
| Municipalities | Homestead | Culvert removal at Keys Gate | Future Unfunded Project | Flood/Storm Surge | Capital Improvement Plan | Identified Funding Source | 200,000.00 | 78 | | Unknown | Culvert removal at Keys Gate: To remove an existing culvert in the middle of a drainage canal to enhance the flow and relieve flooding, during and after a storm event. |
| Municipalities | Homestead | Increase Wastewater Treatment Plant Capacity WWTP Expansion | Future Unfunded Project | Flood | Capital Improvement Fund | Identified Funding Source | 40,000,000.00 | 74 | | Unknown | WWTP Expansion: Design and construction of an additional Wastewater treatment plant to increase and meet expected capacity of the City in the next 7- 10 years. \$ 40,000,000 |
| Municipalities | Homestead | WWTP Inspection and Preventive Maintenance | Future Unfunded Project | Flood | Capital Improvement Fund | Identified Funding Source | 500,000.00 | 76 | | Unknown | WWTP Inspection and Preventive Maintenance: Required structural inspections for defects of the SBR & digester tanks and repairs based on recommendations |
| Municipalities | Homestead | Water Main Improvements | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 2,000,000.00 | 62 | | Unknown | To upgrade water mains/lines to eliminate any unacceptable materials and maintain the integrity of the system. |
| Municipalities | Homestead | Sewer Pump Stations Upgrades | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 1,500,000.00 | 76 | | Unknown | The pump stations will require funding to purchase mechanical, electrical, plumbing, and equipment for pump stations. |
| Municipalities | Homestead | GIS that locates all city utilities | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 5,000,000.00 | 70 | | Unknown | GIS containing information on location of and capacity of all public utilities: Create GIS that locates all city utilities (water, sewer, drainage, electric) so problems can readily be located in an emergency. |
| Municipalities | Homestead | Protective Measure for Critical Facility Systems | Future Unfunded Project | Wind | Capital Improvement Plan | Identified Funding Source | 90,909.00 | 65 | | Unknown | This project is a mitigating measure that involves the design and construction of concrete enclosures around certain vital systems (as described below) to prevent any damage that may affect the system(s) proper performance during and after a hurricane or any other destructive event. One (1) polymer concrete enclosure to provide continues service of sludge system (wastewater treatment plant). |
| Municipalities | Homestead | Water and Wastewater Telemetry/RTUs | Future Unfunded Project | Multiple (specify in comments Column T) | Capital Improvement Fund | Identified Funding Source | 1,000,000.00 | 79 | | Unknown | This project consists of the purchase and installation of telemetry equipment. Radio transmittal units (RTUs)/Telemetry in all pump stations send flow/performance data and alarm situations to a central location which will increase reliability and control before, during, and after a storm disaster. These systems will also control elevation of water tanks, well pumps, and identify pressure points throughout the system. Pump station RTUs/telemetry will significantly increase reliability and diminish sewage back up and overflow occurrences which could result in contamination from raw sewage leaking into the water table. |
| Municipalities | Homestead | Acquisition of emergency generators: Public Works and Services | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 934,104.00 | 80 | | Unknown | 16 Generators - Includes generators to supply power to the (1) solid waste building; (2) sewer pump station mobile generators; and (3) a generator for the entire facility at the WWTP. |
| Municipalities | Homestead | Motorsports Water Storage Tank Equipment | Future Unfunded Project | All Hazards | Capital Improvement Plan | Identified Funding Source | 500,000.00 | 60 | | Unknown | This equipment will help maintain Chlorine residual in the SE quadrant of the City through its loop distribution system. |
| Municipalities | Homestead | NE Quadrant Water Storage Tank | Future Unfunded Project | All Hazards | Capital Improvement Fund | Identified Funding Source | 4,000,000.00 | 78 | | Unknown | In light of newly developed areas and the rapid increase of population, it is essential to provide adequate water pressure, fire flow, water quality, and capacity to the area. |
| Municipalities | Homestead | Risk Management Plan | Future Unfunded Project | All Hazards | HMGP | Identified Funding Source | 60,000.00 | 84 | | Unknown | As required by the EPA, the report will inform personnel of procedures and recommend actions to ensure there is no release of dangerous chemicals into the environment |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Key Biscayne | Westwood Drive Drainage Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 1,820,000.00 | 63 | 9/23/2016 | TBD | This area is approximately 13.18 acres. It is located to the south west of the village Westwood Drive starting at just west of Ridgewood Road and ending at Harbor Drive. It also includes portions of Hampton Lane, Warren Lane, Allendale Road, Curtiswood Drive and Myrtlewood Lane. The proposed design includes (1) improvements to the stormwater conveyance system along Westwood Drive, (2) Hampton Lane, (3) Warren Lane, (4) Allendale Road, and (5) Harbor Drive. The design also proposes (6) redevelopment of two gravity drainage wells and (7) the installation of eleven additional gravity drainage wells. |
| Municipalities | Key Biscayne | Harbor Drive Drainage Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 760,000.00 | 63 | 9/23/2016 | TBD | This area is approximately 13.18 acres. It is located west of the village along Harbor Drive starting at West McIntyre Street and ending just north of Westwood Drive. It also includes Harbor Lane and Sunset Circle.The proposed design includes (1) improvements to the stormwater conveyance system along Harbor Drive (2) redevelopment of three gravity drainage wells and (3) the installation of four additional gravity drainage wells. |
| Municipalities | Key Biscayne | Ocean Lane Drive Drainage improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future Project | | 1,400,000.00 | 74 | 9/23/2016 | TBD | This area approximately 14.32 acres and is located to the north of the village and to left of Crandon Boulevard. It is composed of entirely of Ocean Lane Drive, from its start at the intersection of Crandon Boulevard and Ocean Lane Drive all the way to the entrance to the Island House Apartments. The proposed design includes (1) improvements to the stormwater conveyance system along Ocean Lane (2) redevelopment of the existing injection wells and (3) the retrofit of an existing pump station. |
| Municipalities | Key Biscayne | K-8 School Central Basin | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 2,300,000.00 | 70 | 9/23/2016 | TBD | The total area is 28.94 acres. This area is centered around the Key Biscayne K-8 Center. This area runs along Ridgewood Drive, Woodcrest Drive and Glenridge Drive starting north of Westwood Drive and ending south of West Heather Drive. It also includes portion of Fernwood Drive. The design proposed includes (1) stormwater drainage improvements to the conveyance system along Ridgewood Road, (2)Woodcrest Road, (3) Glenridge Road, (4)Fernwood Road, (5) West McIntyre Street and (6) West Enid Drive. The design also proposes (6) the redevelopment of two drainage wells and (7) the addition of six gravity drainage wells. |
| Municipalities | Key Biscayne | The Gardens District Drainage Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded Future project | | 2,930,000.00 | 66 | 9/23/2016 | TBD | Boulevard. It is composed entirely of the area knows at the Gardens District. The design proposed includes (1) stormwater drainage improvements to the conveyance system along East Enid Drive, (2) Sunrise Drive, (3) Galen Drive and (4) Ocean Lane. The design also proposes (5) the redevelopment of four drainage wells, (8) the addition on stormwater pump station with (9) three injection wells. |
| Municipalities | Key Biscayne | Holiday Colony | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 1,700,000.00 | 59 | 9/23/2016 | TBD | This area is approximately 24.41 acres and is located east of the village, to the right of Crandon Boulevard. It is composed entirely of the Holiday Colony area. The design proposed includes (1) stormwater drainage improvements to the conveyance system along East Heather Drive (2) the redevelopment of two gravity drainage wells and (3) the retrofit of the existing stormwater pump. |
| Municipalities | Key Biscayne | Village Green Park neighborhood | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 1,800,000.00 | 61 | 9/23/2016 | TBD | The total area is 29.94 acres and it is located just west of the Village Green Park. It runs along Ridgewood Road, Woodcrest Road, Glenridge Road and Fernwood Road starting north of West McIntyre Street end ending south of Hampton Lane and Woodcrest Lane. The design proposed includes (1) stormwater drainage improvements to the conveyance system along Ridgewood Road, (2)Woodcrest Road, (3) Glenridge Road, (4)Fernwood Road and (5) West Heather Drive. The design also proposes (6) the redevelopment of one drainage well and (7) the addition of six gravity drainage wells. |
| Municipalities | Key Biscayne | West Heather Drive Corridor | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 2,245,000.00 | 64 | 9/23/2016 | TBD | The total area is 20.27 and is located to the west of the village. It runs along West Heather Drive and includes portions of Allendale Road, Warren Lane and Hampton Lane. The design proposes includes (1) stormwater drainage improvements to the conveyance system along West Heather Drive, (2)Allendale Road, (3)Warren Lane and (4)Hampton Lane. The design also proposes (5) the redevelopment of one drainage wells and (6) the addition of seven gravity drainage wells. 4 Village Green Park. |
| Municipalities | Key Biscayne | K-8 School South Basin | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise | Unfunded future project | | 2,389,000.00 | 61 | 9/23/2016 | TBD | The total area is 26.04 acres and it is located south the Key Biscayne K-8 Center. This area runs along Ridgewood Drive, Woodcrest Drive and Glenridge Drive starting at West Masha Drive and ending south of West Enid Drive. The design proposes includes (1) stormwater drainage improvements to the conveyance system along Ridgewood Road, (2)Woodcrest Road, (3) Glenridge Road, (4)Fernwood Road, (5) West Mashta Drive and (6) West Enid Drive. The design also proposes (6) the redevelopment of two drainage wells and (7) the addition of five gravity drainage wells. |
| Municipalities | Key Biscayne | Reverse 911 Community Notification System | Funding Secured | ,Technological Disruption | Capital Improvement Fund | Identified Funding Source | 105,000.00 | 75 | | TBD | During emergency conditions such as hurricanes, tornadoes, floods, the Village relies on several media for public warning dissemination. The Village will purchase and install the Reverse 911 Community Notification System to supplement the current procedures available to Village emergency operators. This system will augment the speed of message delivery through use of the existing phone system and maximize the number of message recipients during an emergency event to ensure the Villages 12,000+/- citizens receive the life-saving instructions. Estimate cost includes dispatcher's salaries. |
| Municipalities | Key Biscayne | Purchase of Emergency Vehicles | Funding Secured | ,Health,Security Breach,Storm Surge,Flood/Storm Surge | Capital Improvement Fund | Identified Funding Source | 75,000.00 | 72 | | 2017 | During a flood event, the expensive emergency vehicles are limited in their response effort due to vehicle height and the depth of flooding. Purchase of two (2) to four (4) raised vehicles would improve level of service and response time. The vehicles can be gasoline or diesel fueled with emergency lights, sirens, and have 4x4 capability with 32-inch to 35-inch tires at a minimum. Estimated Cost is based per vehicle. |
| Municipalities | Key Biscayne | New Stormwater Outfall Construction | Funding Secured | Multiple | Private funding. | Identified Funding Source | 210,000.00 | 81 | | TBD | This project proposes construction of 1,800 LF of 18-inch RCP stormwater outfall with associated relining of piping leading to outfall as part of the drainage improvement plan to mitigate the repetitive flood claims at 24 Crandon Boulevard. |
| Municipalities | Key Biscayne | Holiday Colony Low Lying Area #1 | Project in Planning Stage | ,Flood,Flood/Storm Surge,Storm Surge | Stormwater Utility Fund Capital Improvements | Identified Funding Source | 200,000.00 | 62 | | 2018 | Tier 2 project from Stormwater Master Plan. Televising of existing drainage pipes and replacing CMP with lining. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Key Biscayne | Hazard Mitigation involvement | Other | Other, Flood, Flood /Storm Surge, Health, Sea Level Rise, Wind | General Fund | Funding Secured | 10,000.00 | 84 | | ongoing | The programs includes continued participatioin at Miami-Dade County LMS meetings, Floodplain Roundtable Discussions, Hurricane Conferences, FDEP and FEMA training seminars and others. |
| Municipalities | Key Biscayne | Hardening of Village Hall Generator | Future Unfunded Project | Wind, Sea Level Rise | Unfunded project | | 200,000.00 | 73 | | 2020 | This project involves enhancing hazard protection by installing storm proof shutters and doors to protect the existing generator structure adjacent to the Village Hall. This generator is currently exposed and can be damaged or destroyed during a severe storm event. The generator is essential to providing emergency power to the Village Police Department. |
| Municipalities | Key Biscayne | Flap Gates at Outfalls (Backflow Prevention) | Construction/Project Begun | Flood, Flood/Storm Surge, Sea Level Rise | Stormwater Utility Capital Expenditures | Funding Secured | 750,000.00 | 87 | | 2017 | This project is one of the alternatives resulting from the Stormwater Master Plan Update 2010 and identified as a tier #1 project in the 2015 update. A total of 18 flap gates at the outfalls are proposed to reduce the impact of high tide conditions for those periodic events that coincide with an inland storm event. The gates could help prevent the inflow of seawater in the conveyance system, thereby allowing stormwater runoff on the island to enter the stormsewer system instead of ponding on private property and public right of ways. |
| Municipalities | Key Biscayne | Feasibility for Additional open Space Preservation | Other | Other | Capital Improvement Fund- Land Acquisition | Identified Funding Source | 35,000.00 | 64 | | Ongoing | Revised since no longer study. Land has been identified for potential open space by Land Acquisition Committee. Committee is continually searching for available open space. |
| Municipalities | Key Biscayne | Emergency Operation Center | Future Unfunded Project | , Power Failure, Technological Disruption, Security Breach, Wind, Flood/Storm Surge, Sea Level Rise | Unfunded project | Identified Funding Source | 35,000.00 | 74 | | 30 months | This location already acts as the center of emergency operations since it houses the life-saving rescue equipment, vehicles, personnel, communications systems, etc. to respond to emergency events. However, the current facility does not have a "hardened room" or "safe room" from where to operate in case of a major hurricane, tornado, or other life-threatening hazard. A modification to the existing structure requiring hardening and structural retrofits to meet the minimum regulatory requirements to withstand major hurricanes of Category 4 or 5 would be necessary. The project would involve identification of location and creation of a no-window safe room with concrete block walls and all related electrical wiring for emergency communication equipment to maintain operating status |
| Municipalities | Key Biscayne | Drainage Improvements on Fernwood Road & Hampton Road | Future Unfunded Project | Flood, Flood/Storm Surge, Sea Level Rise | Potential Stormwater Utility Fund Capital Expenditures | Identified Funding Source | 80,000.00 | 76 | | 2015 | This project proposes the installation of a drainage well near the corner of Hampton Lane and Fernwood Road. This would allow the flood waters that would otherwise back-up along the Hampton Road repetitive loss properties a new path to exit the drainage system. |
| Municipalities | Key Biscayne | Drainage Improvements on East Heather Drive | Project in Planning Stage | Flood | Stormwater Capital Expenditures | Identified Funding Source | 150,000.00 | 70 | | 2014 | This project is the recommended alternative resulting from the Stormwater Master Plan Update 2010. The problem area studied in detail involved the flooding in the vicinity of the East Heather Drive between Crandon Blvd and Ocean Drive. Conveyance testing on existing drainage wells in the Village has shown to be very effective. Upgrades to existing pump station and installation of back flow prevention device. |
| Municipalities | Key Biscayne | CRS Outreach Program | Other | Flood/Storm Surge, Sea Level Rise, Flood, Wind | Stormwater Utility Fund | Funding Secured | 10,000.00 | 78 | | 2014 | This project involves establishing a community outreach program to comply with Community Rating System (CRS) requirements under Activity 330. |
| Municipalities | Key Biscayne | Comprehensive Review of Local Laws and Regulations | Other | Flood, Flood/Storm Surge, Sea Level Rise | Stormwater Utility Fund | Identified Funding Source | 5,000.00 | 85 | | 2014 | Those Local Regulations pertaining to the mitigation of hurricane and flooding hazards were evaluated and updated, including analysis of issues, for opportunities and formulation of proposals with respect to the existing provisions related to Base Flood Elevations, Substantial Improvements, Flood Insurance Rate Maps (FIRM) and the consideration of a Freeboard Regulation. |
| Municipalities | Key Biscayne | Coastal Dune Vegetation | Funding Secured | , Flood, Flood/Storm Surge, Storm Surge, Wind, Other | Capital Improvement Fund | Identified Funding Source | 10,000.00 | 78 | | 12 months | As a coastal community, the dune system in the Village of Key Biscayne is the first line of defense against storms. A maintenance program is in place to maintain a healthy dune system by ensuring only native vegetation is present. The root system of native vegetation is extensive and strong. It acts as a securing mechanism for the sand and prevents beach erosion. The removal of exotics and replanting project was completed in September, 2014, when 1,800 square yards of exotic species named Scavola Frutescens (Hawaiian seagrapes) were removed. Re-vegetation resulted in the re-planting of 2,500 Sea Oats. The Village will continue to monitor the vegetation on an annual basis to identify any exotic vegetation and plan the replanting with native species. Next inspection is scheduled for July 2017. |
| Municipalities | Key Biscayne | CERT Readiness | Funding Applied for | , Flood, Power Failure, Sea Level Rise, Health, Flood /Storm Surge, Technological Disruption, Wild Fire, Wind | Grant | Grant Applied For | 150,000.00 | 76 | | 12 months | The Community Emergency Response Team (CERT) is a readiness program which provides training in basic emergency response to the local residents and business owners immediately following a disaster prior to receipt of professional assistance. The program educates a community about natural and man-made disaster preparedness. The training consists of basic first aid, maintenance of traffic safety, utilities safety, rescue operations and other. The program requires the Village to have training personnel, outreach to community, registration, administrative assistance, conduct classes, and provide refresher training annually. |
| Municipalities | Key Biscayne | Additional Training | Funding Secured | , Other | Fire Department Training Budget | Identified Funding Source | 2,500.00 | 82 | | 24 months | The Key Biscayne Fire Department will provide additional emergency management training to all Fire Department personnel to achieve Incident Command System (ICS) 300 and 400 levels. These courses are provided by the Emergency Management Institute (EMI) for free in Maryland. The ICS-300 Course is the Intermediate ICS for Expanding Incidents which provides training and resources for personnel who require advanced knowledge and application of the ICS, expanding on information covered in the ICS-100 and ICS-200 courses. The ICS-400 Advanced ICS course expands on the ICS 100 through ICS 300 courses offering advanced application of ICS. Estimated cost per attendant per week. |
| Municipalities | Medley | Flood Mitigation Area South | Construction/Project Begun | , Flood, Wind | State, County & Town | Grant Applied For | 2,300,000.00 | 88 | | 2017 | Design and Construction of interconnected drainage system, cross drains to provide much needed protection from flooding events during periods of light to normal rain. |
| Municipalities | Medley | Drainage Improvements Phase IV | Project in Planning Stage | , Flood, Health, Power Failure | Town | Identified Funding Source | 900,000.00 | 100 | | Unknown | N.W. 96th Street (from its intersection with N.W. 89th Avenue to its terminus, and N.W. 97th Street from its intersection with N. W. 89th Avenue to its terminus). Drainage installation and paving for low-income community with severe flooding due to rain events. Estimated construction cost of \$900,000.00. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Medley | Medley Public Services Facilities Strengthening | 50% complete | ,Wind,Flood | Town of Medley | Identified Funding Source | 800,000.00 | 84 | | Unknown | Strengthening of Public Services Building |
| Municipalities | Medley | Drainage Improvements Phase III | 25% complete | ,Flood,Health | Town | Identified Funding Source | 270,000.00 | 100 | | 3 years | N.W. 91st Court (from N.W. 100th Street to N.W. 101st Street). Drainage installation and paving of low-to-moderate income community that is prone to flooding during rain events. This project is needed to improve the improper and undersized system. Estimated construction cost of \$270,000.00. |
| Municipalities | Medley | Russian Colony Canal Bank Stabilization | Other | ,Flood | Town | Grant Applied For | 2,000,000.00 | 92 | | Unknown | Canal Bank Stabilization along North side of NW 106 Street |
| Municipalities | Medley | Drainage Improvements Phase I | 50% complete | ,Flood,Health | Town | Grant Applied For | 150,000.00 | 97 | | Unknown | 1.Intersection of N.W. South River Drive and N.W. 109th Street - new drainage installation and concrete paving for flood prone area. These improvements will include design and construction. Estimated construction cost of \$190,000.00. |
| Municipalities | Medley | Drainage Improvements Phase II | 50% complete | ,Flood,Health,Power Failure | Town | Identified Funding Source | 450,000.00 | 96 | | Unknown | N.W. 102nd Street (from N.W. 95th Avenue to FEC Railway right-of-way, and N. W. 104th Street from N.W. 95th Avenue to FEC Railway right-of-way). Drainage installation and paving of flood prone area. Estimated construction cost of \$450,000.00. |
| Municipalities | Medley | NW South River Drive Drainage Improvements | Project in Planning Stage | ,Flood,Wind | Town of Medley Budget and Grant | Funding Secured | 2,000,000.00 | 98 | | Unknown | Drainage improvements for this flood prone area - From NW 116th Way to NW 121 Way (2,600 LF) |
| Municipalities | Medley | Tobie Wilson Park Flood Proofing & Strengthening | 75% complete | ,Flood | Town Funded | Identified Funding Source | 800,000.00 | 90 | | 2 years | Flood Proofing and strengthening of facility and fields |
| Municipalities | Medley | Paving & Drainage Improvements | Project in Planning Stage | ,Flood,Health,Power Failure | Capital Improvement Projects - Town Budget | Grant Applied For | 1,810,000.00 | 96 | | 1 year | 1.Intersection of N.W. South River Drive and N.W. 109th Street - new drainage installation and concrete paving. Estimated construction cost of \$190,000.00. 2. N.W. 102nd Street (from N.W. 95th Avenue to FEC Railway right-of-way, and N. W. 104th Street from N.W. 95th Avenue to FEC Railway right-of-way). Drainage installation and paving. Estimated construction cost of \$450,000.00. 3.N.W. 91st Court (from N.W. 100th Street to N.W. 101st Street). Drainage installation and paving. Estimated construction cost of \$270,000.00. 4. N.W. 96th Street (from its intersection with N.W. 89th Avenue to its terminus, and N.W. 97th street from its intersection with N. W. 89th Avenue to its terminus). Drainage installation and paving. Estimated construction cost of \$900,000.00. |
| Municipalities | Medley | Town Hall Building Strengthening | Construction/Project Begun | ,Flood | Town of Medley | Funding Secured | 800,000.00 | 96 | | 1 year | Installation of Impact Windows, and strengthening of Second Floor Backyard and Community Safe Room at Town Hall/Municipal Services Facility |
| Municipalities | Miami | Replace and Improve City-owned Seawalls | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 4,000,000.00 | 77 | | Unknown | This project would improve or replace, as necessary, seawalls located at fifteen city owned parks along Biscayne Bay and the Miami River. These seawalls are currently in fair to poor condition. Failure of the seawalls would result in the loss of city property, increased risk to nearby structures, and an increase in safety hazards. All of the affected seawalls are made of concrete. The specific design of seawalls to be replaced has not yet been determined, although it is likely that boulders and riprap would be included to serve as wave baffles. The areas in greatest need of repair and improvement are the seawalls at Antonio Maceo Park, Legion Park, Lummus Park, Baywood Park, and Pallot Park. In addition to the city parks, two other areas owned by the city of Miami contain concrete seawalls that either are failing or are in poor condition. These locations are on the north side of the Florida East Coast (FEC) Railroad boat slip and the Bicentennial Center. In conjunction with the proposed seawall replacement and improvements, two city-owned boat ramps (at the Watson Island Marina and the Seminole boat ramp in Coconut Grove) need to be improved to allow faster removal of boats in the event of a major storm. In addition, the Stadium Marina needs docks that would serve as a staging area while boats wait their turn to be removed from the water. Both to these actions would reduce the amount of damage not only to the boats left in the water, but also to city-owned structures and private property that could result from boats being blown inland. |
| Municipalities | Miami | Loans to Private Owners to Improve Seawalls & Stabilize Shorelines | Future Unfunded Project | Sea Level Rise | PDM | Identified Funding Source | 250,000.00 | 61 | | Unknown | The majority of the city's canal and bay shoreline (70 percent) is privately owned and maintained, much of which is in poor or overgrown condition. In the event of a major storm, there could be tremendous loss of property into the city's drainage canals, causing upstream flooding. This project recognizes the need to harden seawalls on private property within the city and would complement the replacement and improvement of city-owned seawalls. The city would establish a loan program that would provide an incentive for private property owners to replace or improve areas of deteriorating seawall on their property, allowing for a greater overall level of mitigation citywide. The project includes establishing and administering the loan program but not actually providing city funding to borrowers. |

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| Municipalities | Miami | Little Haiti Park | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 180,000.00 | 65 | | Unknown | Upon the successful completion of land acquisition for the subject property, that is, the one-block area bounded on west by NE 2nd Avenue, on the north by NE 61st Street, on the east by the FEC Railway corridor and on the south by NE 60th Street, the city of Miami proposes to create the following, as is also depicted on the site plan. The historic buildings at the northwest corner of the block, the former DuPuis Medical Office and Pharmacy will remain in place and be incorporated into a cultural and recreation center as an adaptive re-use, with restoration to follow historic preservation guidelines. Similarly the small cottages located now in the southwest area of the block will be relocated closer to the DuPuis building and restored for adaptive re-use as classrooms, interpretive exhibit spaces and/or studios as part of the cultural and recreation center. All other structures that presently exist on the property are proposed for demolition. Parking for this facility will likely be located in an area to the south, outside of the grant-funded boundary. The central area of the site would be utilized as an open meadow or multi-purpose field, which would be graded and landscaped with sod and native trees at its perimeter. In the eastern third of the block, the existing hardwood, rockland hammock would be enhanced by the removal of exotic plant species and the planting of additional native trees. Nature trails and interpretive signage would be introduced throughout the hammock, and will connect to trails along the perimeter of the site. Within the hammock, we propose to place picnic tables, and just outside the hammock to the west, will be a small children's playground. Park bench seating will occur at appropriate areas along the trails and at the playground. Defined park entries will be placed at the four corners of this site. To address potential hazard mitigation, shutters or impact resistant windows will be used in the historic structures, as required under the Florida Building Code. Likewise, the trailers, non-historic buildings and other site features will be removed, reducing potential flooding damage. The entire site will be graded and swales will be created to retain water on site. |
| Municipalities | Miami | Little River Storm Sewers Retrofitting Project, Phase II | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 3,000,000.00 | 64 | | Unknown | This project will provide a modern drainage system for the area bordered by NW 79th Street, Little River Canal, and N. Miami Avenue. The existing system will be expanded and upgraded. The new drainage facilities will consist of a combination of ex-filtration drain, deep drainage wells, grease & oil interceptors and other pollution control structures. Any storm sewers identified as illegally connected to a sanitary sewer will be disconnected. |
| Municipalities | Miami | Englewood Storm Sewers Project - Phase III | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 5,400,000.00 | 66 | | Unknown | This project will provide a modern drainage system for the area bordered by S.W. 16th Street, S.W. 22nd Street, S.W. 27th Avenue and S.W.32nd Avenue. At the present time, this area is served by scattered localized drainage structures that are old and inadequate to properly drain the area. The new drainage facilities may consist of a combination of exfiltration drains, deep drainage wells, grease & oil interceptors and other pollution control structures. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting. |
| Municipalities | Miami | Garden Storm Sewers Project -Phase II | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 4,300,000.00 | 66 | | Unknown | This project will provide a modern drainage system for the area bordered by NW 26th Street, NW 38th Street, NW 22nd Avenue and NW 27th Avenue. The new drainage facilities will consist of a combination of ex-filtration drains, grease & oil interceptors and other pollution control structures. |
| Municipalities | Miami | Grove Park (formerly known as Glenroyal) Storm Sewers Project | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 6,000,000.00 | 65 | | Unknown | This project involves three tasks: (1) construction of a positive storm sewer system for the area bounded by W. Flagler Street, and N.W. 22nd Avenue, N.W. 7th Street, and N.W. 17th Avenue including an additional area known as the Edenholmes Subdivision, bounded by NW 7th Street and SR 836, NW 17th Avenue and NW 22nd Avenue. This area also requires the construction of a subterranean pump station within the vicinity of NW 18th Avenue and NW 9th Street. Another area block has been added and borders NW 7th Street to NW 9th Street (SR-836), and from NW 14th Court and NW 17th Avenue; (2) road improvements for these areas include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting; and (3) NW 3rd Street one-way conversion and traffic circle that includes but not limited to a traffic study, public relations and other agency coordination and participation. |
| Municipalities | Miami | Lawnview Storm Sewers Project | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 4,300,000.00 | 69 | | Unknown | This project involves construction of a local drainage system for the area bounded by SW 8th Street, and SW 17th Avenue, W. Flagler Street, and SW 22nd Avenue. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting. |
| Municipalities | Miami | Auburn Storm Sewers Project - Phase I and Phase II | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 4,000,000.00 | 66 | | Unknown | This project involves construction of a local drainage system for the area bounded by N.W. 7th Street, N.W. 27th Avenue, W. Flagler Street, and N.W. 37th Avenue. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting. |
| Municipalities | Miami | Belle Meade Storm Sewers Project, Phase I | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 4,200,000.00 | 66 | | Unknown | This project will provide storm sewers to the area bounded by NE 83rd Street, East Dixie Highway, North City limits and Biscayne Boulevard. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting. |
| Municipalities | Miami | Avalon Storm Sewers Project - Phase III | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 5,300,000.00 | 66 | | Unknown | This project will provide a modern drainage system for the area bordered by SW 22nd Street, SW 27th Street, SW 27th Avenue and SW 32nd Avenue. Currently, this area is served by scattered localized drainage structures that are old and inadequate to properly drain the area. The new drainage facilities will consist of a combination of ex-filtration drains, deep drainage wells, grease & oil interceptors and other pollution control structures. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting. |
| Municipalities | Miami | Auburn Storm Sewers Project - Phase III | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 5,300,000.00 | 68 | | Unknown | This project will provide a modern drainage system for the area bordered by W. Flagler Street, SW 8th Street, SW 27th Avenue and SW 32nd Avenue. At the present time, this area is served by scattered localized drainage structures that are old and inadequate to properly drain the area. The new drainage facilities will consist of a combination of ex-filtration drains, deep drainage wells, grease & oil interceptors and other pollution control structures. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami | N.W. 71st Street Main Trunk Storm Sewer Project | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 7,500,000.00 | 69 | | Unknown | This project will provide positive drainage for N 71st Street between NW 17 Avenue and Miami Avenue and also provide a relief system and overflow connection for the Liberty, Fairway, and Northwest storm sewer district project. This project is a recommendation of the Storm Drainage Master Plan. The trunk main will be constructed in N. 71st Street to either N. Miami Avenue or NE 2nd Avenue at which point the main will be extended north to the Little River Canal. |
| Municipalities | Miami | Master Plan for Virginia Key | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 550,000.00 | 73 | | Unknown | Planning will submit a proposal under the Coastal Partnership Initiative for a Virginia Key master plan. That plan will include provisions for restoring natural tidal action near the historic African American beach. Such restoration would contribute towards a mitigation of beach erosion. The plan recognizes the importance of natural plant communities and habitats and the role each play in stabilizing the soil for this natural barrier island. As stated in the proposal: The process of a new master plan, taking into account the entire island, while including all stake holders and the public, will allow for a comprehensive process to address a very complex barrier island. The plan which includes economic, environmental, architectural, design, traffic, and landscaping criteria will give the new master plan concrete proposals to insure sound land use decisions for this unique uninhabited barrier island. |
| Municipalities | Miami | City Hall/Protection of Vital Records | Project in Planning Stage | All Hazards | FMA | Funding Secured | 650,000.00 | 81 | | Unknown | The project requires flood and wind-damage proofing of City Hall, a government hub, and historic structure that is significant to Florida and Aviation history as the Pan American Seaplane Terminal; City Hall's basement has flooded many times over the years with the most significant damage arising from Hurricane Andrew in 1992. The hurricane allowed seawater and wind to destroy historical records stored in the basement. The project has two inter-related elements to safeguard the structure from storm surge and wind damage. The first includes adding stormproof doors and seals on doors facing the bay; the second is replacing the entrance store front with front impact resistant glass doors and windows that meet 100-year storm code specifications and given the historic properties of the building, Secretary of the Interior Preservation standards. |
| Municipalities | Miami | Citywide Outfalls Cleaning | Future Unfunded Project | Flood | PDM | Identified Funding Source | 600,000.00 | 76 | | Unknown | The city of Miami has 300 outfalls that stage control the amount of runoff and pollutant discharging into adjacent water bodies. After Hurricane Katrina, the amount of debris flushed into the drainage systems have been accumulated inside these control structure boxes and causing the headwater to rise, therefore increasing the likelihood of street flooding. These structures are being cleaned on a yearly basis. |
| Municipalities | Miami | Vehicle Tracking Devices | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 250,000.00 | 90 | | Unknown | During emergency situations, it is very difficult to efficiently track Public Works equipment and direct their operators to the disaster area most in need. As a result, some disaster areas are not being addressed in a timely manner. A solution to these deficiencies will be to install vehicle tracking devices which will relay their position to the emergency operations center. This would allow the more timely and efficient dispatch of equipment. |
| Municipalities | Miami | South Bayshore Drive Road Improvements | Future Unfunded Project | Flood/Storm Surge | FMA | Identified Funding Source | 4,000,000.00 | 82 | | Unknown | Located between the limits of Darwin Street and Mercy Way, improvement works along South Bayshore Drive include the construction of drainage facilities consisting of a combination but not limited to exfiltration trenches (French drains), deep drainage wells, pump stations, storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Road improvements include and not limited to roadway milling and resurfacing, ADA ramps, bike and walkway lanes, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |
| Municipalities | Miami | Kennedy Park Floating Dock, Phase I | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 2,000,000.00 | 72 | | Unknown | The City of Miami's Kennedy Park is approximate to the Atlantic Intracoastal Waterway and offers the public use of a floating dock for small craft use. The dock can no longer be repaired and must be replaced with a new dock. This will require the demolition of the existing dock and design, permitting and construction of a new floating dock. |
| Municipalities | Miami | Rockerman Canal Dredging and Stabilization | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 900,000.00 | 54 | | Unknown | Located in the City of Miami's Coconut Grove area, the canal serves as a channel to allow the public boat access into Biscayne Bay. The goal is to improve navigable waters for boats traveling within the canal. The scope of work includes and is not limited to canal dredging, trimming of mangrove and other exotic trees, shoreline stabilization and possible planting and/or relocating mangrove trees. |
| Municipalities | Miami | Citywide Non-Standard Drainage System Improvements | Future Unfunded Project | Flood | FMA | Identified Funding Source | 3,000,000.00 | 57 | | Unknown | There are existing slab-covered trench, open-joint pipes, and others that are ineffective and do not comply with current City Standards. The City of Miami is seeking funding to replace the outdated systems with appropriate drainage infrastructure to address flooding concerns and reduce maintenance costs. |
| Municipalities | Miami | 77: S. Miami Ave and Side Street Drainage Improvements | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 3,500,000.00 | 69 | | Unknown | This project will provide drainage improvements for the area approximately bounded by I-95 and East Coast Greenway, S. Miami Ave., SW 16 Rd., and SW 25 Rd. The new drainage facilities will include but may not be limited to a combination of exfiltration drains, deep drainage wells, and storm water pump station(s). Road improvements include milling and resurfacing, reconstruction, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree plantings. |
| Municipalities | Miami | Hadley Park Neighborhood Drainage Improvements | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 9,500,000.00 | 62 | | Unknown | The scope of work consists of furnishing all materials, labor, and equipment necessary to design and construct drainage and road improvements at needed locations within the highest rank basin according to the City of Miami Stormwater Management Master Plan. The basin is approximately bounded by NW 54 St (to the north), SR 112 (to the south), NW 19 Ave (west), and I-95 (to the east). The drainage system mainly comprises exfiltration trench (french drains), storm sewers for gravity conveyance, inlets with pollution retardant baffles, injection wells, and surface restoration within the project limits. Road work comprises roadway milling & resurfacing, limited road reconstruction, damaged sidewalk replacement, new sidewalks, new curb and gutter or repair of curb & gutter, some new tree plantings, retrofit of ADA complaint curb ramps, and pavement markings within the project limits. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami | Storm Shelter for Families of City Employees | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 750,000.00 | 91 | | Unknown | During a disaster, the separation stress of employees being away from their families and loved ones is a critical issue that adversely affects the city's ability to respond during a disaster. Employees' job performance may suffer because of this concern and some employees may elect to remain with their families instead of responding to city needs. One way to solve this problem is to create a shelter specifically dedicated to city personnel and their families. This would help assure the city's emergency workers that their families will be safe during a disaster and allow them to concentrate on providing essential services. As part of this project, the city would conduct a study to determine the best location for such a shelter, whether one large shelter or multiple smaller shelters should be constructed, if there is an existing facility (or multiple facilities) that could meet these requirements, and estimated costs. Resources and services needed include safety and security, medical care, food and lodging, and communications. The study also would examine the effect of these new, dedicated shelters on the larger shelter deficit that exists throughout Miami-Dade County. |
| Municipalities | Miami | Debris Removal | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 0.00 | 84 | | Unknown | The city presently maintains a list of contractors that have agreed to provide debris removal services following a disaster. The city would develop a Comprehensive Debris Clearance (CDC) plan that would list the names and phone numbers of debris removal contractors, identify potential debris storage sites, removal methods, and provide for special programs, such as hazardous materials pickup and amnesty days for residents. Contracts would be negotiated in advance and monetary damages would be due to the city if the contractor fails to perform. The study also would analyze how the city could best coordinate debris removal activities with related post-disaster services performed by Miami-Dade County. The city welcomes debris removal assistance along federal, state, and county roadways, but recognizes that it will need to provide its own service along most of the smaller, local roadways in Miami. |
| Municipalities | Miami | Miami River Greenway SE 5th Street Extension | Future Unfunded Project | ,Flood,Flood/Storm Surge | FMA | Identified Funding Source | 2,200,000.00 | 65 | | Unknown | In an effort to provide infrastructure upgrades, the project consists of road and drainage improvements along SE 5th Street - from South Miami Avenue up to and including a portion of Brickell Avenue and SE 1 Avenue from SE 6 Street to Miami River. The new drainage facilities will have a combination but not limited to exfiltration trenches (French drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Miscellaneous road improvements include but not limited to roadway milling and resurfacing, ADA ramps, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |
| Municipalities | Miami | Miami River Greenway NW 5th Street Bridge Approach | Future Unfunded Project | ,Flood/Storm Surge | FMA | Identified Funding Source | 640,000.00 | 68 | | Unknown | To comply with Miami River Greenway Standard Guidelines, road and drainage improvements will be performed at the NW 5th Street Bridge. The project area is located along the NW South River Drive within the vicinity of NW 5th Street. At a minimum, the new drainage facilities will have a combination of exfiltration trenches (French drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Miscellaneous road improvements include but not limited to roadway milling and resurfacing, ADA ramps, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting |
| Municipalities | Miami | Flood-Proofing Government Buildings GSA/Miami Riverside Center | Future Unfunded Project | ,Flood/Storm Surge,Flood | FMA | Identified Funding Source | 7,000,000.00 | 69 | | Unknown | The main Police Building and the Riverside Government Building (444 SW 2nd Avenue) need the installation of waterproofing elements. The areas critical to address in the Riverside building are the first, ninth, and tenth floor glass window areas. This will protect against flying debris, explosions, firebombs, glass shattering, and ultra-violet protection. Building is used during emergency activation for EOC functions. |
| Municipalities | Miami | Storage Facilities for Critical Equipment | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 0.00 | 82 | | Unknown | Currently, the city of Miami has a severe shortage of hardened storage locations for city equipment during a major disaster. Equipment such as the fire department's urban search and rescue trailers, Public Works' heavy equipment, parks department buses, and other similar items are stored outside on a normal day-to-day basis and could be damaged and destroyed during a storm. Much of this equipment is vital during a disaster to serve functions such as rescuing trapped citizens, clearing roadways, and providing support to other disaster recovery operations. The city of Miami has identified a need for three hardened facilities, located in three different areas of the city that would allow for the proper protection of this equipment and allow for the rapid deployment following a disaster. The facility would need to meet, and in most cases exceed current construction and protective equipment requirements and have emergency power and communications equipment for workers at these facilities. |
| Municipalities | Miami | Public Education and Information Distribution | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 650,000.00 | 82 | | Unknown | The city recognizes the need to educate the public about the threat of natural and man-made disasters and proposes a multifaceted program to educate its residents about disaster preparedness and response. These actions would have a direct impact of the health and safety of Miami's residents: Literature consisting of handouts, mailers, advisory notices, booklets, etc. that would be distributed widely to city residents. Public Meetings these meetings would provide residents with an opportunity to learn more about resources available at the city and to learn about other 97 neighborhood-based city programs (e.g., Community Emergency Response Teams, NET Centers). Web Site the city would develop a web site to provide disaster-related information to residents. The site would help people prepare for disasters, and could provide a vital source of information to people about storm alerts, evacuation routes, shelters, etc. The site would be integrated with the web site already being developed by the police department for community policing and other internal record management purposes. Cable Television. The city would provide information through its cable access channel (Channel 9) during disasters. |
| Municipalities | Miami | Station/Facility Apparatus Room Doors | Funding Secured | All Hazards | PDM | Identified Funding Source | 252,000.00 | 81 | | Unknown | The city of Miami has an approximately 72 apparatus room overhead rolling doors that are prone to failure and should be replaced with a more secure door. These doors are the main egress for Fire-Rescue vehicles and they protect emergency equipment worth at least \$2,000,000 per facility. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami | Mitigation & Resiliency Initiative for Historic Neighborhoods in the City of Miami | Funding Secured | ,Flood,Wind | This project could potentially be funded by grants or through the City of Miami LMS budget. | | 139,500.00 | 58 | | 5-8 Months | <p>I.Project Goals: To reduce risks for historic neighborhoods by developing guidelines on risk-based performance goals and criteria for inclusion in current or adjusted local preservation standards, or for voluntary reference (historic- residential and commercial buildings). Overlap data sets regarding geological morphology, urban morphology, architectural typology, structural systems and storm surge information, to calibrate local needs and risks, to later inform best practices guidelines for historic neighborhoods and departmental preservation tools.</p> <p>II.Study Area: Referencing geological morphologies, (i.e. coastal, riverfront and previous hardwood hammock substrata sites- now urbanized), sample 30 blocks (~ approximately 10 per type), which also possess paradigmatic characteristics that define historic neighborhoods and their building types, with a focus on sites vulnerable to SLR and/or storm surge.</p> <p>III.Phases of Work (Estimated Timelines and Estimated Budgets): Phase I: (~5 - 8 months) Estimated Budget: \$139,500</p> <p>1.Data Collection: a.Gather relevant geological mapping data; Flood Hazard Mapping and Storm Surge data; b.Identify paradigmatic historic neighborhood blocks and cross reference with geological mapping data; c.Identify urban morphology as well as historic typologies and their corresponding structural type; d.Map historic building typologies and structural types, by utilizing ARC-GIS platform or equivalent;</p> <p>2.Consultations: With Miami-Dade Office of Resiliency and other Southeast Florida Regional Compact Leaders to gather lessons related to regional strategies and tools and to maximize gains, as relates to historic neighborhoods and buildings. a.Identify barriers and constraints preventing resilience, including regulatory, funding, and jurisdictional impediments that prevent effective response to the resilience challenges; b.Break down silos separating multiple functional areas of resilience planning;</p> |
| Municipalities | Miami | Radios for Solid Waste | Future Unfunded Project | ,Technological Disruption | PDM | Identified Funding Source | 0.00 | 75 | | Unknown | 150 Radios for use by Solid Waste. These radios would be able to utilize police/fire towers. The radios would be used by Solid Waste to communicate post disaster during emergency protective measures. |
| Municipalities | Miami | Harden Neighborhood Enhancement Team Centers | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 1,300,000.00 | 75 | | Unknown | The city of Miami operates 13 Neighborhood Enhancement Team (NET) centers located throughout the city. These centers are designed to provide essential services and disaster information to the local communities, improve communication between the city and its citizens, and provide a central source for services, supplies, and information. Originally developed in 1992, these centers have been well received by the citizens and have shown their value repeatedly in non-disaster applications. The NET Centers are well equipped to serve as disaster field offices for the city and a distribution site for relief goods such as ice, food, and water. Because these centers can provide such a vital service to the city's residents, the city is proposing to make the buildings more resistant to damage from a hurricane or other disasters. Improvements that could be made to these structures include providing emergency generators, storm shutters, flood proofing, and structural strengthening. All of these improvements would allow the centers to become fully operational immediately after the disasters. |
| Municipalities | Miami | Low Power Portable Radio Stations | Future Unfunded Project | Communications Failure | PDM | Identified Funding Source | 0.00 | 91 | | Unknown | Low power portable radio stations would allow for the transmission of vital and time critical information to the public. These units are small trailer units similar to those used to provide information to motorists about a variety of topics, such as airport information, roadway construction warnings, parks and recreation information, etc. They have a short range (approximately three miles in most cases) and can be set up quickly. The units would be used throughout a disaster. Initially, they would be used during evacuations to provide information about traffic routes, blocked roadways and other key information. Following a disaster, these units could be used in conjunction with Miami's NET Centers and broadcast information about the locations of food and medical centers, ice distribution centers, and other critical information without the delays associated with other media. Another benefit is that this information can be specifically targeted to the local people (e.g., those within a single NET service area) and not the entire region. The mobile radio stations also could be used to provide information about hazardous material spills, other police or fire emergencies, and special events. The city of Miami proposes to acquire seven of these units to properly cover the city. |
| Municipalities | Miami | Street Sweeping Program Improvement | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 900,000.00 | 82 | | Unknown | The city currently has minimal staff and equipment assigned to sweep streets so as to minimize blockage of storm drains. This project includes the acquisition of five additional pieces of equipment, one year of equipment maintenance, tipping fees and the hiring of equipment operators. Street sweeping program would be conducted citywide on a systematic, programmed basis. |
| Municipalities | Miami | Backup System for City Communications | Future Unfunded Project | Technological Disruption | PDM | Identified Funding Source | 0.00 | 97 | | Unknown | Communication is vital for the success of city in responding to and coordinating the efforts of various departments and agencies following a disaster. The city currently does not have sufficient redundancy designed or built into its radio and telecommunication systems. The city is proposing a three-level approach to ensure that it is able to maintain an effective communication system following a disaster. The first level is the use of satellite telephones (such as Iridium), which do not require any ground-based facilities. Each of these phones can communicate with other Iridium phones by using only the satellite system. Approximately 20 of these phones would provide a basic level of critical communications among the EOC, fire, police and the 13 NET centers located throughout the city. The second level of backup communication is to acquire a temporary radio tower, such as the portable trailers used following Hurricane Andrew to provide cellular phone service, that can be deployed and setup within a few hours of a disaster and restore some, if not most, of the capability of the radio system. The final phase would be a more comprehensive project that would backup all of the communication capabilities normally available to the city of Miami. |

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| Municipalities | Miami | Citywide Auger Hole Replacement | Future Unfunded Project | Flood,Flood/Storm Surge | PDM | Identified Funding Source | 2,500,000.00 | 74 | | Unknown | There are existing auger hole drainage systems that do not comply with current City Standards and State Regulations. The City of Miami is seeking funding to replace the non-complaint systems with appropriate drainage infrastructure to address flooding concerns and reduce maintenance costs. |
| Municipalities | Miami | Citywide North-South Storm Sewer Cleaning | Future Unfunded Project | Flood/Storm Surge,Flood | PDM | Identified Funding Source | 5,000,000.00 | 74 | | Unknown | The city of Miami has 25,000 inlets and 1,800,000 linear feet of various pipe size that require cleaning twice a year. Currently, in a normal year the Public Works Department is able to perform this cleaning using their own fleet of four Vac-trucks and also by subcontracting this service. However, this task has been made even more difficult by the huge amount of debris and leaves that got blown, or drained inside the inlets following Hurricane Katrina. Cleaning of these inlets and pipes is necessary to maintain the conveyance of the system and the level of protection against flooding. |
| Municipalities | Miami | Citywide Deep Drainage Wells Cleaning | Future Unfunded Project | Flood,Flood/Storm Surge | FMA | Identified Funding Source | 500,000.00 | 72 | | Unknown | The city of Miami drainage basins are drained by a sizable number of deep drainage wells ranging in depth of 80 feet to 160 feet. A total of 90 deep drainage wells are scattered throughout the city. Periodic annual cleaning is required especially after a hurricane in the magnitude of Katrina where a tremendous amount of windblown leaves and debris clogged these wells. This project consists of the cleaning and jetting of these wells, and the installation of grates to prevent further clogging. |
| Municipalities | Miami | NW 2nd Avenue (11th to I-395) | Future Unfunded Project | ,Flood,Flood/Storm Surge | PDM | Identified Funding Source | 2,000,000.00 | 65 | | Unknown | Located in downtown Miami, the improvement works are mainly performed along NW 2nd Avenue between NW 11th Street to I-395. The main components of the project include the construction of additional drainage facilities consisting of a combination but not limited to exfiltration trenches (french drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Road improvements include and not limited to roadway milling and resurfacing, ADA ramps repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |
| Municipalities | Miami | Securing the City of Miami GSA Property Maintenance Facility | Future Unfunded Project | ,Other | PDM | Identified Funding Source | 16,000.00 | 73 | | Unknown | The City of Miami General Services Administration (GSA) property maintenance building has a warehouse and storage facility that houses building materials, supplies, trucks, and equipment to maintain, repair, and remodel city facilities. Building trade shops, administrative offices, and emergency response supplies and equipment are also located within this facility. This facility needs to be secured from unauthorized vehicle entries. The existing entrance gate does not allow restricting of unauthorized vehicle entry. Either a motorized sliding gate or a traffic arm gate along with remote operation for authorized vehicles and an automated system to allow authorized business visitor vehicle entry (deliveries, shipments, etc.) needs to be installed to secure this facility and restrict unauthorized entries. |
| Municipalities | Miami | Over town Greenway Phase I | Future Unfunded Project | ,Flood,Flood/Storm Surge | PDM | Identified Funding Source | 3,000,000.00 | 65 | | Unknown | The project's concept is to create a greenway within the city's right-of-way. The work will be performed along NW 11th Terrace, from NW 3rd Avenue and NW 7th Avenue. The scope of work shall include and is not limited to landscaping, widening sidewalks, pedestrian and street lighting and way-finding signage. Drainage improvements shall involve an evaluation of existing drainage conditions, developing and recommending cost-effective alternative design alternatives to alleviate flooding in the area. |
| Municipalities | Miami | SE 3rd Street Road Improvements | Future Unfunded Project | ,Other | PDM | Identified Funding Source | 1,800,000.00 | 53 | | Unknown | This project will improve mobility and accessibility between the Interstate Highway System (I-95) and the core Downtown Central Business District (CBD) particularly during Brickell Bridge openings to marine traffic via a two-way conversion of SE 3rd Street and SE 3rd Avenue. The project involves the coordination and corporation from stakeholders to widen and redirect traffic circulation along SE 3rd Street in downtown Miami. Road widening activities include but not limited to reconstruction, sidewalk installation, pavement striping, traffic study and signalization, coordination between stakeholders, Florida Department of Transportation and Miami-Dade County. |
| Municipalities | Miami | Miami Police Department Central Headquarters Roof Hardening Helipad Project | Future Unfunded Project | ,Other | PDM | Identified Funding Source | 1,600,000.00 | 78 | | Unknown | The City of Miami is seeking funding to harden the roof of its police headquarters building. The headquarters building which is 5 stories in height and approximately 400,000 square feet, houses the 911 call center for both police and fire, an Emergency Operations Center, all administrative offices of the police department, including the office of the Chief of Police and the Deputy and Assistant Chiefs, Crime Scene investigations, a computer server room and numerous other critical functions. A direct hit by a hurricane or strong windstorm could cause serious damage to the building and its contents and render this 31 million dollar building un-useable. The roof of the Police headquarters serves a dual function of protecting the building and serving as a Helipad for multiagency first responders in the event of a disaster. |
| Municipalities | Miami | Clean and Dredge Canals and Waterways | Future Unfunded Project | ,Flood,Flood/Storm Surge | PDM | Identified Funding Source | 45,000,000.00 | 84 | | Unknown | Within the city of Miami, there are numerous canals and waterways that provide storm water drainage to Biscayne Bay. Debris, sand, and other materials that block the canals threaten their ability to provide essential drainage of stormwater to outfalls. The city proposes to mitigate this threat by performing maintenance dredging on these canals, removing exotic (non-native) trees from the banks, and cleaning up accumulated debris. The most important affected waterways, listed in order of priority, are: Wagner Creek, which drains approximately 600 acres of residential and commercial property. Activities already completed include removal of household refuse and sediments, installation of new fencing, and bank stabilization activities. Pollution control measures will be added to the outfalls and any illegal connections identified during the cleanup will be disconnected and plugged. The canal sediments are also contaminated with dioxins/furans, and dredging the canal sediments will significantly reduce the dioxins amounts. This open channel creek extends from NW 20 Street to NW 11 Street. Seybold Canal, a navigable waterway that drains approximately 500 acres of residential and commercial property. This canal extends from NW 11 Street to the Miami River. The canal sediments are also contaminated with dioxins/furans, and dredging the canal sediments will significantly reduce the dioxins amount. Lawrence Waterway, which drains approximately 64 acres of residential and commercial property. Some of the work already has been completed as part of the city's regular maintenance program. This waterway extends from NW 7 Street to the Miami River. The canal sediments are also contaminated with dioxins/furans, and dredging the canal sediments will significantly reduce the dioxins amounts. Miami River - South Fork, requires the dredging of sediment material along approximately 4,900 linear feet of the canal's bottom including removal of debris, and exotic tree removal from the banks between N.W. 27th Avenue to the Miami River. Further sampling will be conducted to determine if contamination exist in this area. |

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| Municipalities | Miami | Backup for Essential City Mainframe Functions | Future Unfunded Project | ,Other,Technological Disruption | PDM | Identified Funding Source | 1,000,000.00 | 69 | | Unknown | The city of Miami currently does not have a backup computer for the mainframe that provides core city services the city on day-to-day basis. Loss of the computer center at the Miami Riverside Center building would affect the city's ability to respond to and recover from a disaster by preventing access to critical functions such as payroll, purchasing, fire and police records, and other essential city services. A new backup computer system is needed to allow critical functions to be quickly restored and allow the city to continue operations while the main system is relocated or repaired. The new computer, to be installed in the city's emergency operations center, would replicate essential functions currently performed on the city's primary mainframe computer, but would not provide all of the functions needed by the city. |
| Municipalities | Miami | Silver Bluff Drainage Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge | FMA | Identified Funding Source | 2,000,000.00 | 67 | | Unknown | This project will provide drainage improvements for the area bordered by US-1, SW 22nd Street, SW 16th Avenue and SW 27th Avenue. The new drainage facilities will include but may not be limited to a combination of exfiltration drains, deep drainage wells, and storm water pump station(s). Road improvements include milling and resurfacing, reconstruction, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree plantings. |
| Municipalities | Miami | Bird Avenue Road Improvement | Future Unfunded Project | ,Flood,Flood/Storm Surge | PDM | Identified Funding Source | 1,728,000.00 | 72 | | Unknown | Located in the outskirts of Coconut Grove, the improvement works are mainly performed along Bird Avenue between Aviation Avenue and US 1. The main components of the project include the construction of drainage facilities consisting of a combination but not limited to exfiltration trenches (french drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Road improvements include and are not limited to roadway milling and resurfacing, ADA ramps, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |
| Municipalities | Miami | NW 14th Street Streetscape Project | Future Unfunded Project | ,Flood,Flood/Storm Surge | PDM | Identified Funding Source | 3,000,000.00 | 65 | | Unknown | Located in the Media Entertainment District in downtown Miami, the project involves the installation of roadway improvements to NW 14th Street that stretches from NW 7th Court to the F.E.C. Track. Road improvements include and are not limited to roadway milling and resurfacing, ADA ramps, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. Other improvements include the construction of additional drainage facilities consisting of a combination but not limited to exfiltration trenches (french drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas (Note: This project is located outside the CRA limits and therefore the City is responsible for the complete funding of this project). |
| Municipalities | Miami | Douglas Park Neighborhood Drainage Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge | FMA | Identified Funding Source | 2,000,000.00 | 69 | | Unknown | This project will provide drainage improvements for the area bordered by US-1, SW 22nd Street, SW 32th Avenue and SW 37th Avenue. The new drainage facilities will include but may not be limited to a combination of ex filtration drains, deep drainage wells, and storm water pump station(s). Road improvements include milling and resurfacing, reconstruction, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree plantings. |
| Municipalities | Miami | Storm Shutters for City Buildings | Future Unfunded Project | ,Wind | PDM | Identified Funding Source | 0.00 | 60 | | Unknown | This project would install hurricane shutters and reinforced doors on the manifold municipal buildings without this protection. These shutters and doors are designed to prevent hurricane force winds and debris from breaking the windows and allowing wind, water, and debris to enter the structures. These proposed modifications would allow these buildings to not only survive the hurricane with less damage to the structure and the property stored inside, but also reduce the financial impact to the city. From a purely practical standpoint, the hurricane shutters and doors also would allow the buildings to remain functional during a storm and help ensure that they could be used immediately afterwards in the response and recovery phase. The city of Miami has a critical need to protect the following facilities: Athletic Club building used as a city employee deployment center. Convention Center. 26 park buildings & structures located throughout the city. |
| Municipalities | Miami | Portable Traffic Control Signs | Future Unfunded Project | All Hazards | PDM | Identified Funding Source | 500,000.00 | 81 | | Unknown | Effective and efficient communication is vital to allow for the rapid evacuation of citizens prior to the impact of a hurricane in the city of Miami. With a residential population of about 400,000 people and a commuter population that at least doubles the affected population during the work week, traffic jams are a certainty. Portable traffic control signs that provide scrolling text messages would allow traffic to be directed to alternative routes and to provide other vital information to motorists. The portable signs have other uses besides assisting in evacuations: they can be used to display information during events such as fire/rescue emergencies, hazardous material spills, special events, terrorist incidents, and special police events such as SWAT operations. These signs display a text message that is easily programmed into the unit and can be moved using most any city vehicle with a trailer hitch. The city of Miami would purchase ten of these units at a cost of about \$50,000 each, plus additional trailer hitches for police vehicles. |
| Municipalities | Miami | Liberty Storm Sewers Project | Future Unfunded Project | ,Flood/Storm Surge | FMA | Identified Funding Source | 4,200,000.00 | 69 | | Unknown | This project involves the design and construction of a local drainage system in the area bounded by NW 17th Avenue, NW 71st Street, NW 12th Avenue, and NW 62nd Street. |
| Municipalities | Miami | Public Works Maintenance Yard Building | Future Unfunded Project | ,Other | PDM | Identified Funding Source | 1,000,000.00 | 71 | | Unknown | Currently, vital tools (i.e. chain saws, cutters, etc.) and personnel are housed in portable trailers. During an emergency situation, these trailers are not being used for obvious safety reason. As a result, the department's first-response crews wait at home until the emergency situation is lifted. A hurricane-proof facility would allow Public Works to have the crews available on board right after an emergency condition. |
| Municipalities | Miami | SW 3rd Avenue Road Improvement Project | Future Unfunded Project | ,Flood,Flood/Storm Surge | FMA | Identified Funding Source | 1,450,000.00 | 65 | | Unknown | Located in downtown Miami, the improvement works are mainly performed along SW 3rd Avenue from SW 16th Avenue to SW 22nd Avenue Street and SW 13th Avenue from SW 3rd Avenue to SW 22nd Street. The main components of the project include the construction of additional drainage facilities consisting of a combination but not limited to exfiltration trenches (french drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Road improvements include and are not limited to roadway milling and resurfacing, ADA ramps, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |

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| Municipalities | Miami | SE 3 Street Straddle Bent Replacement | Future Unfunded Project | ,Flood | PDM | Identified Funding Source | 3,000,000.00 | 63 | | Unknown | The City plans to reconstruct and widen SE 3 Street from SE 3 Avenue to Biscayne Boulevard by providing one additional lane on the south side of SE 3 Street. There is a Metromover elevated guideway located above SE 3 Street at this location typically supported by single columns with a hammerhead pier cap supporting both guideway tracks. Along this stretch of roadway, these columns are located between the two eastbound lanes. However, there is an existing straddle bent pier (P192) located on the south side of SE 3 Street which conflicts with the additional lane. The City is proposing to replace the existing straddle bent with a single column hammerhead pier similar to those utilized to support the elevated guideway, The City of Miami is seeking funding to replace the pier with appropriate structural infrastructure to allow for the street widening and for drainage improvements. |
| Municipalities | Miami | Generator for Riverside Center Building | Future Unfunded Project | ,Power Failure | PDM | Identified Funding Source | 1,000,000.00 | 63 | | Unknown | Request is for a 1600 KVA emergency power generator; this will provide constant electrical power to the Miami Riverside Center Building. This will minimize downtime and allow operations to continue at the MRC without interruption. This estimate was based on a cost of \$500 per KVA plus \$200,000 for labor and materials for the installation. |
| Municipalities | Miami | Bayhomes Drive Neighborhood Drainage Improvements | Future Unfunded Project | ,Flood | FMA | Identified Funding Source | 3,000,000.00 | 69 | | Unknown | This project will provide drainage improvements for the area approximately bounded by Biscayne Bay, ~750 ft. northwest from N. Bayhomes Rd., N. Bayhomes Dr. and S. Bayhomes Drive. The new drainage facilities will include but may not be limited to a combination of exfiltration drains, deep drainage wells, and storm water pump station(s). Road improvements include milling and resurfacing, reconstruction, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree plantings. |
| Municipalities | Miami | Flood-Proof First Floor of Main Police Building | Future Unfunded Project | ,Flood | FMA | Identified Funding Source | 750,000.00 | 76 | | Unknown | The first floor of the main Police Building (located at 400 NW 2nd Street) is below grade and is currently being used to store the records, property, and evidence for the city of Miami. These items must be maintained in a secure area to prevent improper access while allowing use by police for on-going investigations. The proposed mitigation project would prevent water from entering the first floor and provide a water removal system to protect the building from flooding. The project would include installation of floodgates that would be put into place during high-risk periods for flooding. This would not only protect vital police records, but would ensure the continuous operation of this critical facility both during the disaster and during the response and recovery phase of the disaster. |
| Municipalities | Miami | Mary Brickell Village Drainage Improvements | Future Unfunded Project | ,Flood | PDM | Identified Funding Source | 1,400,000.00 | 65 | | Unknown | Road and drainage infrastructure improvements will be performed in the area bounded by the Miami River, SW 9th Street, SE 1st Avenue, SW 12th Street and SW 1st Court. At a minimum, the new drainage facilities include a combination of exfiltration trenches (French drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Miscellaneous road improvements include but not limited to roadway milling and resurfacing, ADA ramps repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |
| Municipalities | Miami | NE/NW 14th Street from NE 2nd Avenue to FEC Track; North Miami Avenue from NE/NW 15th Street to I-395 Right-of-way Line. | Future Unfunded Project | ,Flood | PDM | Identified Funding Source | 4,000,000.00 | 65 | | Unknown | This project is being developed and implemented for the Overtown/Park Community Redevelopment Agency (CRA). Located within the CRA limits, the scope includes reconstruction of streets, new sidewalks, new drainage, landscaping and street lighting to match the treatment of the adjacent Performing Arts Center superblock project and to conform to the Multi-media and Entertainment District Plan that is produced by Zyscovich for the CRA. |
| Municipalities | Miami | Kennedy Park Shoreline Stabilization, Phase I | Future Unfunded Project | Flood/Storm Surge | FMA | Identified Funding Source | 2,000,000.00 | 83 | | Unknown | This shoreline restoration project is necessary to return the tidal flow to the mangroves along the shoreline of Kennedy Park in Coconut Grove. Shoreline stabilization will allow greater public access to the water from the upland and bring a tremendous public benefit to a highly used park located on Biscayne Bay and the Atlantic Intracoastal Waterway. |
| Municipalities | Miami | Reid Acres Storm Sewers Project | Future Unfunded Project | ,Flood,Flood/Storm Surge | PDM | Identified Funding Source | 4,300,000.00 | 66 | | Unknown | This project will provide a positive drainage system to the area bounded by NE 71st Street, FEC Railroad, NE 62 Street and NE 2nd Avenue. Bore and jack construction under the FEC Railroad at NE 71 Street will be required. The positive outfall line will be constructed on NE 5th Avenue to the Little River Canal. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting |
| Municipalities | Miami | Miami River Greenway (NW 10th Avenue to NW 12th Avenue) | Future Unfunded Project | ,Other | PDM | Identified Funding Source | 3,000,000.00 | 65 | | Unknown | Located on the south side of the Miami River, from NW 10th Avenue to NW 12th Avenue, infrastructure improvements involve the construction of drainage facilities that include a combination but not limited to exfiltration trenches (french drains), storm sewer pipes for gravity conveyance, baffles, manholes, catch basins, cross drains, swale trenches, re-grading and re-sodding swale areas. Road improvements include and are not limited to roadway milling and resurfacing, ADA ramps, repair damaged sidewalks, curb and/or gutter, replacement of damaged or disfigured traffic signs and tree planting. |
| Municipalities | Miami | Watson Island Baywalk | Funding Secured | Flood/Storm Surge | PDM | Identified Funding Source | 300,000.00 | 71 | | Unknown | The Watson Island Shoreline Stabilization Project, located on the southeastern section of Watson Island will stabilize a 500-foot section of the Biscayne Bay shoreline along the southeastern shoreline of Watson Island. The project will entail installation of rip rap along this shoreline and construction of a seawall to stabilize and contain erosion to this shoreline, along a proposed baywalk which will run parallel to this seawall. Complementary public access features will be constructed and installed to enhance this waterfront area. |
| Municipalities | Miami | Study to Reduce Erosion on Virginia Key Beach | Funding Secured | All Hazards | PDM | Identified Funding Source | 75,000.00 | 84 | | Unknown | This project is a study of measures that could be used to protect the beach and reduce the loss of sand from Virginia Key Beach. The city of Miami owns approximately 42 acres of ocean front beach on Virginia Key, approximately one mile long. The beach area is currently part of a beach improvement plan that will include importing sand to the area. The city recognizes that offshore groins (corrugated steel piles driven into the ocean floor) have been used in other areas with only limited success. The city is seeking a solution that will help reduce sand loss while allowing for maximum public enjoyment of the beach. |
| Municipalities | Miami | Restoration of Native Species | Funding Secured | Flood/Storm Surge | PDM | Identified Funding Source | 75,000.00 | 78 | | Unknown | At Virginia Key, a portion of the scope of work in a Coastal Partnership Initiative proposal will include natural erosion prevention/mitigation by replacing exotics with native species along the mangrove hammock area. These native species have root systems that stabilized the soil in the uplands and contribute reducing beach erosion. The project includes other elements not related to LMS but at least \$75,000 in hard-costs as well as volunteer time will be allocated to exotic removal. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami | Property Maintenance Division Upgrades | Funding Secured | ,Other | PDM | Identified Funding Source | 160,000.00 | 70 | | Unknown | Property Maintenance Division 105-kilowatt emergency generator project that encompasses the following: Purchase and installation of a new 105 KW stand-by generator, transfer switch, and electrical upgrades to bring the building up to code (the Florida Building Code), to provide electricity for the city's Property Maintenance Division building in case of catastrophic electrical failure. The building is the operations base fir trade personnel that provide services throughout the city for other departments. The installation includes all required improvements necessary to meet current codes. There is no existing generator at this location. |
| Municipalities | Miami | Hurricane Window Barriers for Park Recreation Buildings | Funding Secured | ,Wind | PDM | Identified Funding Source | 250,000.00 | 81 | | Unknown | As a significant component of the 2001 Homeland Defense Neighborhood Improvement Bond Program, the Department of Capital Improvements will undertake the renovation and/or expansion of over 27 recreation buildings in city of Miami parks, and will construct 3 new additional recreation buildings. As part of this construction, we will include new Storm Shield hurricane barriers that comply with the Florida Building Code and Miami-Dade County Hurricane Product Approval Program. This will not only provide sufficient storm protection for the buildings and their contents, but will also eliminate or dramatically reduce costly pre-storm event labor charges associated with the installation of traditional storm shutters. |
| Municipalities | Miami | Fire Station Hardening | Funding Secured | ,Wind | PDM | Identified Funding Source | 144,000.00 | 78 | | Unknown | The Miami Fire Department provides on-going E.M.S., fire suppression and fire prevention services to our 362,470 residents and the 480,000 individuals who traverse our city daily. Most of these services begin with a call to and response from one of 14 fire stations. The impact of a hurricane could severely damage fire stations as well as the expensive apparatus that is housed within these stations. Some fire stations are more vulnerable than others; therefore, they are more susceptible to impending hurricane damages. To mitigate these impending hurricane damages, the city of Miami Fire Rescue Department proposes a hurricane hardening project to protect key stations and facilities. This project includes the installation of Miami-Dade County hurricane-code approved, perforated, stainless steel hurricane barriers, e.g., Exeter Storm Shield or better and the installation of generators at stations. This project also includes the installation of two generators at the Fire Training Center/City Backup 911 Center. |
| Municipalities | Miami | Protect Vital City Records | Funding Secured | All Hazards | FMA | Identified Funding Source | 60,000.00 | 85 | | Unknown | This project is a study to investigate ways to best preserve the city's vital records and other documents having archival or historical value. The city has been storing approximately 1,300 boxes of records in the basement of the Miami city hall, an area that is subject to flooding during a major storm. More than 700 boxes already have been moved to temporary storage in the Coconut Grove Convention Center, but approximately 600 boxes still need to be moved. All of the boxes need to be inventoried for vital records (i.e., those related to business continuity), records of historical or archival value, and inactive records. The city already has identified an outside contractor to provide storage for inactive records that can be disposed of once a required holding time has been met. The city estimates that approximately two to three percent of the existing records will need to be retained in a controlled environment where temperature and humidity are monitored and where security of the documents can be assured. The proposed study would identify the number of current and future records that need to be protected in an environmentally controlled area, alternatives for providing the needed storage, and the estimated cost. |
| Municipalities | Miami | Communications Systems Generator | Funding Secured | ,Other | PDM | Identified Funding Source | 60,000.00 | 67 | | Unknown | Communications Services Division 50 kilowatt emergency generator and transfer switch project that encompasses the following: Purchase and installation of a new 5 KW and transfer switch to provide electricity for the city's communications system in case of catastrophic electronic failure. This replaces the 31 KW generator and transfer switches that are inadequate for the city's existing needs. The generator is located at the city's fire garage. The existing area housing the 31 KW generator can accommodate the new generator that is compliant with current codes. |
| Municipalities | Miami | Acquire Portable Pumps and Generators | 50% complete | Flood/Storm Surge | PDM | Identified Funding Source | 70,000.00 | 79 | | Unknown | Trailer-mounted portable pumps are needed to remove floodwaters during and after major storms. The City's Public Works Department has recently acquired four (4) portable trailer mounted pumps (6 inch suction pipe). In addition portable generators are needed to supply power to tools that are used in a variety of applications following a disaster. The city has identified a need for six of these portable generators. |
| Municipalities | Miami | City of Miami - Solid Waste Building Window/Doors Hardening Project | Funding Applied for | ,Wind | PDM | Identified Funding Source | 421,100.00 | 79 | | 2 Years | This wind retrofit project will include: obtaining a structural adequacy report from a qualified registered Professional Engineer for the Solid Waste Main and Shop Building, located at 1290 N.W. 20th Street, Miami, FL 33142; replacement of the roof, installing approximately 3,200 square feet of Sure Guard Plus 200 Window Security Barrier System for all existing glass windows; replacement of two (2) Solid Swing-Out Metal Doors at the Main Building and (2) Solid Swing-Out Metal Doors at the Shop Building; an Accordion shutter at the entrance of the Main Building; and tie downs for roof equipment at both buildings. |
| Municipalities | Miami | Fairway Storm Sewers Project | Future Unfunded Project | Flood/Storm Surge | PDM | Identified Funding Source | 4,200,000.00 | 66 | | Unknown | This project involves the design and construction of a local drainage system in the area bounded by NW 2nd Avenue, FEC Railroad, N 73rd Street, and N 62nd Street. Road improvements include milling and resurfacing, new or repair sidewalks, curb and gutter, ADA ramps, re-grade or re-sodding swale areas, repair or replace damaged or disfigured traffic signs, and tree planting |
| Municipalities | Miami Beach | Storm Shutters and Protective Glass for City Buildings (Log Cabin) | Future Unfunded Project | Wind | Unknown | | 30,000.00 | 55 | | unknown | The city is a barrier island that is subject to high winds, missile hazards and significant impact damage. The buildings listed below require protection for windows during a significant weather event. |
| Municipalities | Miami Beach | Fire Station #1 | Future Unfunded Project | Health,Wild Fire,Other | Unknown | | 0.00 | 87 | | Unknown | Construction of new Fire Station #1: Intensive maintenance is required to continue operating the Fire Station as it exists today. This maintenance includes costs that over time could exceed the cost of full demolition and reconstruction of all facilities on site. Existing parking conditions are less than ideal, frequently limiting building occupants from securing parking. The existing FEMA flood elevations also indicate that under severe storm events, the Fire Station would become inaccessible and would prevent emergency assistance to the surrounding Miami Beach community. The City facilitated an in-depth assessment of the Fire Station, and upon evaluation of the current site conditions and minimum code requirements, full site reconstruction and demolition of existing structures (including relocation of the existing pump station) were recommended in order to mitigate potential severe hazards and provide the public with the highest level of services. Status: This is a future unfunded project. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Beach | Portable Traffic Light Signals | Future Unfunded Project | Power Failure | Unknown | Grant Applied For | 160,000.00 | 74 | | > 1 year | Portable Traffic Light Signals: During power outages, the traffic lights are inoperable, causing a potential hazard. Portable traffic signals will provide the safety that is needed for traffic control. The city anticipates that it will need ten portable traffic signals to adequately handle an emergency situation. Status: This is a future project. |
| Municipalities | Miami Beach | Streetlight System Upgrade | Project in Planning Stage | Flood/Storm Surge,Flood,Power Failure,Storm Surge,Technological Disruption | Unknown | Grant Applied For | 1,600,000.00 | 76 | | > 1 year | Streetlight System Upgrade: There are approximately 8,400 streetlight poles located throughout the City. Public Works is in the process of developing street lighting standards that will be used to upgrade the street lights when neighborhoods are reconstructed or insufficient lighting is addressed. Standards will be developed for average street lighting as well as individual fixtures. Lighting upgrades will also be in response to Police Department requests to combat crime and illegal activities. Status: The City has completed a citywide photometric analysis and is developing plans for strategic enhancements. |
| Municipalities | Miami Beach | West Avenue Bridge | Project in Planning Stage | Other | Unknown | Grant Applied For | 5,400,000.00 | 87 | | > 1 year | West Avenue Bridge: The project is of regional significance and will help relieve congestion on State road 907 (Alton Road). A connected West Avenue would help reduce the volume of local traffic at the busiest intersections. In addition, it would provide a safer venue for cyclists, pedestrians, and motorists making their way to the causeway to Miami, than other existing venues. Status: The project has been awarded and is in the design phase. |
| Municipalities | Miami Beach | Acquisition of Emergency Generators | Other | Wind,Flood,Flood /Storm Surge,Power Failure,Sea Level Rise,Storm Surge,Technological Disruption | Unknown | Grant Applied For | 5,600,000.00 | 86 | | September 2018 | Acquisition of Emergency Generators: Acquisition of emergency generators to ensure continued operation of critical city facilities/systems and the appropriate levels of service for city residents during and after a disaster event. Status: This project is ongoing. |
| Municipalities | Miami Beach | Storm Shutters and Protective Glass for City Buildings (Miami Beach Botanical Garden) | Project in Planning Stage | Wind | Unknown | Grant Applied For | 117,000.00 | 61 | | > 1 year | The city is a barrier island that is subject to high winds, missile hazards and significant impact damage. The buildings listed below require protection for windows during a significant weather event. |
| Municipalities | Miami Beach | Storm Shutters and Protective Glass for City Buildings (North Shore Park & Youth Center) | Future Unfunded Project | Wind | TBD | | 317,455.00 | 0 | | unknown | The building requires protection for windows during a significant weather event. The city is a barrier island that is subject to high winds, missile hazards and significant impact damage. |
| Municipalities | Miami Beach | Citywide Water Infrastructure Improvements | Construction/Project Begun | Health | Unknown | Grant Applied For | 55,000,000.00 | 77 | | > 1 year | Citywide Water Infrastructure Improvements: The project includes the replacement of aging water lines (60+ years old). These iron pipes are significantly tuberculated which has resulted in diminished water quality and hydraulic problems. This project is fully programmed through neighborhood projects and other projects in the City's 5-year Capital Improvement Plan, subject to appropriation of additional programmed funding. Status: This is an ongoing project. |
| Municipalities | Miami Beach | Citywide Dune Restoration & Enhancement Project | Construction/Project Begun | Flood/Storm Surge,Flood,Storm Surge | Unknown | Grant Applied For | 400,000.00 | 85 | | > 1 year | Citywide Dune Restoration & Enhancement Project: This project seeks to restore the City's coastal dune system by removing non-native vegetation, planting native species, and selectively trimming native vegetation. This project will improve the overall health and stability of the dune system so it is best suited to retain sand and protect upland structures from storm surge and flooding. The project will also install a rope and post fence system around the dune system to protect the project's results and minimize trampling impacts to the protected area. Educational signage will educate visitors about the structure of the dunes, their importance, and the vegetation housed therein. Status: On-going (maintenance and monitoring). |
| Municipalities | Miami Beach | Citywide Wastewater Infrastructure Improvements | Construction/Project Begun | Health | Unknown | Grant Applied For | 2,250,000.00 | 76 | | > 1 year | Citywide Wastewater Infrastructure Improvements: The wastewater lines are approximately 50-80 years old. The iron pipes are increasingly brittle, resulting in hydraulic problems and potential failures. The useful life of these force mains is approximately 50 years and the pipes are either at the end of or beyond their useful life. This project will implement the city's Wastewater System Master Plan, which will replace aging lines that are 60 years old or more. Status: This is an ongoing project. |
| Municipalities | Miami Beach | Citywide Tidal Flooding Mitigation Phase 1 | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 92 | | > 1 year | Citywide Tidal Flooding Mitigation: The purpose of the project improvements is to prevent the backflow of water from the Biscayne Bay into the City's stormwater management system and up through the stormwater inlet grates flooding the roadway curb and gutter. This tidal flooding poses a threat to public health and safety, inconveniences the public, and has caused major damage to structures, and killed lawns and landscaping. In addition, tidal flooding saturates the base structure of roadways causing failure of roadways prior to their expected useful design life. This project consists of the installation of backflow prevention valves (aka "Tideflex" valves) on a majority of the PSMS outfalls to the Biscayne Bay and in the lowest lying areas of the City. Status: This project is under construction. |
| Municipalities | Miami Beach | Citywide Home Elevations | Future Unfunded Project | Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 68 | | > 1 year | Citywide Home Elevations: The project will assist eligible homeowners to elevate their properties in order to mitigate flooding. The project will also encourage homeowners to become more resilient and to incorporate climate change considerations in their home improvement projects. It will also promote the inclusion of mitigation strategies that foster community resilience against flooding risks. Status: This is a future project. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Beach | Drainage Hot Spots | Construction/Project Begun | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Stormwater Outfall and Seawall Reconstruction: Replacement of seawalls and 150 stormwater outfalls with associated relining of piping leading to outfalls in areas that have three properties with repetitive flood claims. Project will also include a pollution control device and possible demolition of existing seawalls, repair of seawalls, and relocation of riprap. Status: Seawalls are under construction along Dade Boulevard/Collins Canal. Additional seawalls on the priority list are in the design and bidding phase of construction. |
| Municipalities | Miami Beach | Stormwater Outfall and Seawall Reconstruction | Project in Planning Stage | Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise | Unknown | Grant Applied For | 1,800,000.00 | 83 | | > 1 year | Stormwater Outfall and Seawall Reconstruction: Replacement of seawalls and 150 stormwater outfalls with associated relining of piping leading to outfalls in areas that have three properties with repetitive flood claims. Project will also include a pollution control device and possible demolition of existing seawalls, repair of seawalls, and relocation of riprap. Status: Seawalls are under construction along Dade Boulevard/Collins Canal. Additional seawalls on the priority list are in the design and bidding phase of construction. |
| Municipalities | Miami Beach | 48" Outfall at Easement 4180-4200 Chase Avenue | Future Unfunded Project | Flood/Storm Surge,Flood,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 200,000.00 | 80 | | > 1 year | 48" Outfall at Easement 4180-4200 Chase Avenue: Improvements include building a new 48" outfall and installing approximately 450 linear feet of 48" HDPE pipe, one manhole, and one catch basin. When completed, this project will produce a stormwater system capable of providing a high level of service in the area. Status: This is a future project. |
| Municipalities | Miami Beach | Flood Proofing Sewer and Pump Stations | Construction/Project Begun | Flood/Storm Surge,Flood,Storm Surge | Unknown | Grant Applied For | 2,340,000.00 | 89 | | October 2016 | Flood Proofing Sewer and Pump Stations: Relining and sealing 31 pump stations and 500 manholes throughout the city to prevent water intrusion—which would damage pump station equipment/structures—and failure of stations, thereby avoiding flooding. In the past, five pump stations have failed during storms and resulted in flooding. Status: Construction is ongoing. |
| Municipalities | Miami Beach | Belle Island – New Pump Station and Existing Pump Station Conversion | Future Unfunded Project | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Belle Island – New Pump Station and Existing Pump Station Conversion: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system, and reduce reliance on gravity or pressurized drainage (injection) wells. The improvements consist of one or a combination of the following: 1) Construct additional stormwater collection system piping to interconnect existing pipe networks, 2) Construct water quality treatment devices, 3) Construct pumping stations, controls and force mains, 4) Convert existing pumping stations discharge piping from injection wells and add force mains to new outfall, and 5) Construct new outfall and/or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project. |
| Municipalities | Miami Beach | Sunset Islands 1 & 2 – New Pump Stations | Future Unfunded Project | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 79 | | > 1 year | Sunset Islands 1 & 2 – New Pump Stations: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Construct additional stormwater collection system piping to interconnect existing pipe networks, 2) Construct water quality treatment devices, 3) Construct pumping stations, controls and force mains, and 4) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project. |
| Municipalities | Miami Beach | Star Island – New Pump Station | Future Unfunded Project | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 79 | | > 1 year | Star Island – New Pump Station: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Construct additional stormwater collection system piping to interconnect existing pipe networks, 2) Construct water quality treatment devices, 3) Construct pumping stations, controls and force mains, and 4) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices) Status: This is a future project. |
| Municipalities | Miami Beach | North Shore – Neighborhood Improvements | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | City Center – Neighborhood Improvements: The purpose to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of the construction of two pump stations to serve the Convention Center and portions of the neighborhood. Status: The pump station at Washington Avenue is under construction. The pump station for 19th Street is in the procurement process. Additional stormwater system improvements along Washington Avenue, 17th Street and Convention Center Drive are in the design phase. |
| Municipalities | Miami Beach | City Center – Neighborhood Improvements | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | City Center – Neighborhood Improvements: The purpose to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of the construction of two pump stations to serve the Convention Center and portions of the neighborhood. Status: The pump station at Washington Avenue is under construction. The pump station for 19th Street is in the procurement process. Additional stormwater system improvements along Washington Avenue, 17th Street and Convention Center Drive are in the design phase. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Beach | Central Bayshore – Neighborhood Improvements (34th Street South) | Construction/Project Begun | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Central Bayshore – Neighborhood Improvements (34th Street South): The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, and 5) Construct pump stations, controls and force mains. Status: This project is under construction. |
| Municipalities | Miami Beach | Nautilus – Neighborhood Improvements | Future Unfunded Project | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Nautilus – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, 6) Convert existing pumping stations discharge piping from injection wells and add force mains to new outfall, and 7) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project. |
| Municipalities | Miami Beach | Normandy Shores – Neighborhood Improvements | Future Unfunded Project | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | 10/23/2015 | > 1 year | Normandy Shores – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project. |
| Municipalities | Miami Beach | Normandy Isle South – Neighborhood Improvements | Future Unfunded Project | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Normandy Isle South – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project. |
| Municipalities | Miami Beach | South Pointe – Neighborhood Improvements | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | South Pointe – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, 6) Convert existing pumping stations discharge piping from injection wells and add force mains to new outfall, and 7) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This project is in the planning stage. |
| Municipalities | Miami Beach | Biscayne Point – Neighborhood Improvements | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Biscayne Pointe – Neighborhood Improvements: The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, 6) Convert existing pumping stations discharge piping from injection wells and add force mains to new outfall, and 7) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project. |
| Municipalities | Miami Beach | Lincoln Road Improvements (Flamingo Park – 8th Street to Lincoln Road) | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Lincoln Road Improvements (Flamingo Park – 8th Street to Lincoln Road): The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of improving surface drainage. Status: This project is in the design phase. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Beach | Palm & Hibiscus Islands – Neighborhood Improvements | Construction/Project Begun | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Palm & Hibiscus Islands – Neighborhood Improvements: The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This project is under construction. |
| Municipalities | Miami Beach | Sunset Islands 3 & 4 – Neighborhood Improvements | 25% complete | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | Sunset Islands 3 & 4 – Neighborhood Improvements: The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: The overall project is approximately 40% complete. The project is scheduled for substantial completion in Spring 2017. |
| Municipalities | Miami Beach | Flamingo Park 6th Street (5th / 7th Streets) – Neighborhood Improvements | Project in Planning Stage | Flood/Storm Surge,Sea Level Rise,Storm Surge,Flood | Unknown | Grant Applied For | 70,000,000.00 | 85 | | > 1 year | Flamingo Park (5th to 7th Streets) – Neighborhood Improvements: The purpose is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: This is a future project to be combined with the Flamingo Park Neighborhood project. |
| Municipalities | Miami Beach | Middle North Bay Road Drainage Improvements | Project in Planning Stage | Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise | Potential | Grant Applied For | 5,500,000.00 | 85 | | October 2016 | Middle North Bay Road Drainage Improvements: This project addresses numerous resident complaints and staff observations regarding a low stormwater service level in the neighborhood. Drainage improvements would include pump stations as well as additional drainage collection, conveyance, treatment, and disposal facilities to serve the entrance to Mt. Sinai as well as Middle North Bay Road neighborhood. Status: Phase I of the Request for Qualifications is currently underway. |
| Municipalities | Miami Beach | Indian Creek Drive 25th to 41st Street Drainage Improvements | Funding Secured | Flood/Storm Surge,Flood,Storm Surge | FDOT and City of Miami Beach | Grant Applied For | 2,700,000.00 | 85 | | 2018 | Indian Creek Drive 25th to 41st Street Drainage Improvements: Construction consists of drainage improvements, seawall construction, a pump station as well as road raising on Indian Creek. The project includes construction of new catch basins and outfalls with associated piping. The stormwater will be treated using vortex structures and stormwater pump stations. Status: The project is in the pre-construction phase as part of a partnership with FDOT. |
| Municipalities | Miami Beach | West Avenue Neighborhood Drainage Improvements | Construction/Project Begun | Flood/Storm Surge,Flood,Sea Level Rise,Storm Surge | Potential | Grant Applied For | 15,900,000.00 | 85 | | September 2016 | West Avenue Neighborhood Drainage Improvements: Drainage improvements for West Avenue (5th to 8th Street) as well as 10th, 14th, and 17th Streets (Alton Road to West Avenue) consist of new pump stations, additional drainage collection, conveyance, treatment, and disposal facilities. This drainage project will mitigate street-level flooding and reduce residential/commercial flooding concerns. Status: The project is under construction with anticipated completion by the end of 2016. |
| Municipalities | Miami Beach | La Gorce Neighborhod Drainage Project | Project in Planning Stage | Flood,Sea Level Rise,Storm Surge,Flood/Storm Surge | Potential | Grant Applied For | 22,900,000.00 | 85 | | June 2018 | La Gorce Neighborhood and Allison Island Neighborhood Drainage Improvements: The purpose of this project is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: A design criteria package is being developed for the selection of a design-build firm. |
| Municipalities | Miami Beach | Sunset Harbor Pump Station Upgrades / Drainage Improvements | Construction/Project Begun | Flood/Storm Surge,Flood,Storm Surge,Sea Level Rise | Potential | Grant Applied For | 800,000.00 | 86 | | September 2016 | Sunset Harbor Pump Station Upgrades and Drainage Improvements: During the construction of the stormwater system upgrades, the City determined that the project should be expanded to include raising the road elevation/improving the storm drainage system in the entire neighborhood. This project will provide a higher level of storm water service to the Sunset Harbor neighborhood. Phase II of the project aims to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, 5) Construct pump stations, controls and force mains, and 6) Repair or upgrade existing outfall pipes and seawalls (inclusive of tidal backflow prevention devices). Status: The stormwater collection system and road-raising is nearing completion with expected substantial completion anticipated in 2017. |
| Municipalities | Miami Beach | Storm Shutters and Protective Glass for City Buildings (Mount Sinai Hospital) | Future Unfunded Project | Wind | TBD | | 8,000,000.00 | 81 | 2/14/2014 | > 1 year | Storm Shutters and Protective Glass for City Buildings: The city is a barrier island that is subject to high winds, missile hazards and significant impact damage. The buildings listed below require protection for windows during a significant weather event. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Beach | Bayshore Neighborhood Improvements | Project in Planning Stage | Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge | Unknown | Grant Applied For | 0.00 | 85 | | > 1 year | The purpose of the project improvements is to provide a higher level of service defined by flood protection and control of pollutant loading in the stormwater system. The improvements consist of one or a combination of the following: 1) Repair, replace, and/or install curbs and gutters, 2) Reconstruct and/or raise streets and sidewalks, 3) Repair, replace, and/or install collection systems, catch basins and manholes, 4) Construct water quality treatment devices, and 5) Construct pump stations, controls and force mains. This project is now under the Low North Bay Road - Neighborhood Improvements project. |
| Municipalities | Miami Gardens | Sanitary Sewer Line along SR441 | Other | ,Other,Health | No funding at this time | Identified Funding Source | 2,200,000.00 | 74 | | more than one year | This project is proposed for the future City of Miami Gardens CRA Projects. The purpose is to upgrade from septic tanks to the sanitary sewer system in the commercial and residential areas along SR 441 from the Snake Creek Canal south to NW 183 Street. This is approximately 2.82 Miles of sanitary sewer line, manholes, service connections, sidewalk, driveways, and pavement repairs as needed. This project lies within the C9 drainage basin, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | Kings Gardens #3 | Other | ,Flood,Other | Unidentified funding at this time since it is on private property and the City cannot take over the streets due to the streets being part of the property lines. | Grant Applied For | 1,886,283.00 | 72 | | over one year | Kings Garden is a private community where the association owns the roads and drainage. Through time, the roads and drainage have declined due to a lack of maintenance. The decline is to the extent that the situation is a driving and flooding hazard for the residents in the area. In addition, due to the poor maintenance of the road/driveway, many road/driveway no longer exists in spots where there are giant potholes and we have a safety issue. The City cannot do anything other than cite the property owners under the City's Property Maintenance Ordinance. This proposal would either buy the roads and drainage and restore them to current standards, or work with the community to do the same. Drainage would be evaluated, and any functional parts of the system would be kept. The rest of the system would be completely removed, and up-to-date drainage constructed. this project lies within the C9 drainage basin, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | NW 34TH COURT/ NW 203RD STREET DRAINAGE | Funding Applied for | ,Flood | Stormwater Funding with State DEP Legislative Funding(\$150,000)-Secured for FY 2017 | Grant Awarded | 250,000.00 | 62 | 6/23/2016 | less than one year | The intersection of NW 33 Court/ NW 203 Street and the connecting streets, flood during periods of heavy rainfall. The existing drainage is insufficient to capture the runoff from the adjacent streets. This is further constrained by the roundabout at the intersection. A comprehensive design is required to investigate the extent of the drainage and provide for the construction of interconnection between the existing. The community is located in the north-west corner of the City, just south of the Snake Creek (C-9) Canal. Improvement of this intersection will greatly improve the safety and quality of lives of the residents. This request is for the design and construction of drainage improvements. |
| Municipalities | Miami Gardens | Vista Verde Drainage and Roadway Improvement Project | Funding Secured | ,Flood | Stormwater, CDBG, CITT, and State Legislative Appropriations Grants | Grant Awarded | 3,800,000.00 | 64 | 6/23/2016 | less than 3 years | The funds will be spent to construct an exfiltration system to alleviate flooding in this neighborhood. This is an extensive drainage project that has been split into 4 phases. |
| Municipalities | Miami Gardens | Storm Shutter Program | Future Unfunded Project | Wind | None at this time | Identified Funding Source | 100,000.00 | 0 | | less than one year | The City will provide financial assistance to twenty owner-occupied single family homeowners to install hurricane shutters on all windows. The financial assistance will be in the form of a deferred forgive-able loan for five years. The City has an existing process for qualifying residents to participate in the program. The shutters will be installed by a City-approved licensed and insured contractor. this project lies within the C8 and C9 drainage basins, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | Livable Neighborhoods Initiative | Future Unfunded Project | Flood/Storm Surge | State, CDBG, Stormwater, and CITT | Grant Awarded | 12,500,000.00 | 0 | | > than one year | The livable neighborhoods initiative is an infrastructure improvement project consisting of the provision of new drainage, sewer, roadway paving, sidewalk, lighting, and landscaping of three low-to-moderate income residential neighborhoods in the City. The project will be implemented in phases, depending upon funding availability. This project lies within the C8 and C9 drainage basins, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | Drainage Improvements 1311 NW 195 Street | Future Unfunded Project | Flood/Storm Surge | Unsecured | Identified Funding Source | 100,000.00 | 0 | | > 1 year | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. |
| Municipalities | Miami Gardens | Vista Verde Remaining Phae from Snake Creak Canal to NW 41 Ave Rd | Project in Planning Stage | Flood/Storm Surge | State, Stormwater, CDBG, CITT through each budget cycle | Grant Applied For | 3,000,000.00 | 0 | | > than one year | Sediment removal and canal stabilization and headwall and culver repairs |
| Municipalities | Miami Gardens | Swale Tree Trimming and Debris Clearance | Future Unfunded Project | Wind | Unsecured | | 275,000.00 | 0 | | unknown | Develop and implement a citywide program to trim trees prior to hurricane season, which will allow for increased survivability of trees and will reduce safety concerns of residents. This initiative will also reduce debris and protect infrastructure such as sidewalks and roads. |
| Municipalities | Miami Gardens | Removal of Australian Pines and Other Exotics | Future Unfunded Project | Wind | Unsecured | | 1,000,000.00 | 0 | | > than one year | Debris removal after a storm is an expensive and time-consuming process. Fallen trees can delay the re-entry process by blocking access to roads and properties. This project would create a permanent ongoing tree removal program. It would ensure removal of exotic trees on public rights-of-way. The exotics would be replaced by appropriate native trees that will enhance the City's tree canopy. The City will maintain the new native trees. |
| Municipalities | Miami Gardens | Community Emergency Response Teams | Future Unfunded Project | All Hazards | Unsecured | | 50,000.00 | 0 | | > than one year | This project's goal is to continue CERTS for the City. When an emergency or disaster occurs at anytime and anyplace in the City, trained CERT volunteers will be ready and able to respond to save lives and protect property. CERT members will be able to do the greatest good for the greatest number after a disaster, while protecting them from becoming victims. This program will include but not be limited to basic medical treatment procedures, scene safety, securing utilities, and other hazards, and some rescue operations. |
| Municipalities | Miami Gardens | Burial of Power Lines | Future Unfunded Project | Wind | Unsecured | | 10,000,000.00 | 0 | | < one year | Due to wind storms, the burial of main electrical lines (FPL, cable, telephone, etc.) is essential to the community. This will minimize damage to property and loss of life, and gain a faster return to normal operations as soon as possible |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Gardens | Pre-emptive Tree Trimming at City Parks | Future Unfunded Project | Wind | Unsecured | | 40,000.00 | 0 | | unknown | This project consists of trimming trees in City parks to ISA standards. Properly trimmed trees better withstand storms. Removing dead or diseased trees also mitigates the wind hazard. This includes: Removing dead and diseased wood from all tree specimens within the park system; removing trees that exhibit a geotropic growth pattern and that pose a public health and safety hazard to citizens in the parks; and remove weak and deformed crotches as well as major branches that have been broken in previous storms. this project lies within the C8 and C9 drainage basins, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | Create GIS Layer for Storm Sewer Infrastructure | 25% complete | Flood/Storm Surge | Unsecured | | 100,000.00 | 0 | | >1 year | This project aims to update the City's GIS for storm sewer infrastructure, to get the latest information possible. This will mitigate flooding if a major event occurs, through the City having accurate information on which drainage systems to investigate, maintain, and clean before flood events occur. this project lies within the C8 and C9 drainage basins, as defined by the South Florida Water Management District |
| Municipalities | Miami Gardens | Drainage Improvement NW 191- 195 Street, from NW 2nd Ave (441) to NW 7th Ave | Future Unfunded Project | Flood/Storm Surge | Unsecured | | 960,000.00 | 0 | | unknown | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. |
| Municipalities | Miami Gardens | 3857 NW 213 Street, still under investigation for scope of drainage improvements | Project in Planning Stage | Flood/Storm Surge | Secured | Identified Funding Source | 1,200,000.00 | 0 | | > 1 year | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. |
| Municipalities | Miami Gardens | 20060 NW 29th Court, minor drainage improvement | Future Unfunded Project | Flood/Storm Surge,Flood | Unfunded at this time | | 100,000.00 | 0 | | 6 mos to 1 year | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. |
| Municipalities | Miami Gardens | Flood Mitigation | Funding Applied for | ,Flood | Potential...Stormwater and awaiting future grant funding. | Grant Applied For | 570,000.00 | 61 | | 1 Year | Four Ditches along NW 203 St between 7-12 Avenues require constant maintenance, and the seawalls are collapsing. Project would convert ditches to culverts, thereby minimizing flood potential and maintenance requirements. |
| Municipalities | Miami Gardens | Drainage improvement NW 205-207 Street from NW 28-33 Ave | Future Unfunded Project | Flood/Storm Surge | Potential | Identified Funding Source | 300,000.00 | 0 | | > 1 year | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. |
| Municipalities | Miami Gardens | NW 27 Avenue Canal Stabilization | Other | ,Flood,Storm Surge | No funding at this time... | Identified Funding Source | 2,000,000.00 | 76 | | 6 mos to 1 year | This project is being proposed in the City of Miami Gardens' Future CRA for canal stabilization (to control bank erosion) on NW 27 Avenue from Snake Creek Canal to County Line Road. This project will grade banks and install geo-web system. This project lies within the C9 drainage basin, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | drainage improvement NW 191Street-196 Terrace, from NW Sunshine State Parkway East to NW 12 Avenue | Future Unfunded Project | Flood/Storm Surge | Potential | Identified Funding Source | 84,000.00 | 0 | | unknown | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. |
| Municipalities | Miami Gardens | Floodproofing Police Department Building | Future Unfunded Project | Flood/Storm Surge | No grants at this time applied for | | 50,000.00 | 0 | | unknown | This Project consists of applying flood proofing techniques to all the doors and low-lying windows of the City's Police Department. This will reduce damage to the building and its contents during a major rain event |
| Municipalities | Miami Gardens | Drainage Improvements NW 170 St west of 22 Ave | Project in Planning Stage | Flood/Storm Surge | DR Horton Adjacent Development to construct a 750 feet drainage system on ROW for the City to install a connection from the flooding area. To be coordinated with DR Horton's Development's Consultant with the City's past study. | Identified Funding Source | 150,000.00 | 0 | | > 1 year | The following areas have been identified as having severe flooding problems, and the stated improvements will reduce property damage and repetitive losses from future rain events. Two repetitive losses exist in this area. These projects also improve water quality of stormwater runoff, which is a requirement of the County and federal permits. All projects will consist of French Drain systems, with emergency overflow outfalls where needed. French Drains capture the first inch of stormwater runoff on the property site, and allow treatment for pollution, and then percolation into the ground. The project lies within the C8 drainage basin, as defined by the South Florida Water Management District. |
| Municipalities | Miami Gardens | NW 13 Avenue/Industrial Area Drainage Outfall Project | Funding Secured | ,Flood | Stormwater Funding for Design at this Time: \$50,000 (FY-16) - Design and \$180,000 (FY-18) - Construction. | Identified Funding Source | 230,000.00 | 72 | | Less than one year | This project will tie all the drainage structures on NW 13 Avenue from NW 167 Street to NW 155 Drive to an outfall into the Biscayne Canal. Funding will be used for design, permitting and construction for an exfiltration system to include sediment traps, pollution baffles, and permeable piping, filter cloth and ballast rocks that will be designed for the 5-year South Florida Water Management District (SFWMD) storm event and the minimum required by Department of Regulatory and Economic Resources (formerly DERM). It will consist of restoration of any roads, sidewalks, and swales impacted during construction. This project lies within the C8 drainage basin, as defined by the South Florida Water Management District. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Gardens | NW 11 Avenue Stormwater Drainage Project | Funding Secured | ,Flood | Stormwater Funds | Funding Secured | 100,000.00 | 72 | | less than 6 months | This project mitigates the harmful effects of stormwater runoff causing flooding and erosion. It is an exfiltration system to include sediment traps, pollution baffles, and permeable piping, filter cloth and ballast rocks that will be designed for the 5-year South Florida Water Management District (SFWMD) storm event and requirements by Department of Regulatory and Economic Resources (formerly DERM). It will consist of restoration of any roads, sidewalks, and swales impacted during construction. This project will enhance the quality of runoff groundwater by reducing contaminants that will seep into the ground and will result in reduced volumes and enhanced quality of discharges to surface waters. |
| Municipalities | Miami Lakes | Mary Collins Community Center Infrastructure | Future Unfunded Project | ,Wind,Other,Power Failure | Potential | Identified Funding Source | 325,000.00 | 84 | | 6 months | The Mary Collins Community Center is a vital Town facility. The Town is seeking funding to purchase and install hurricane impact resistant windows, new A/C, new roof, and energy efficient restroom fixtures for the building. Estimated project costs include equipment and installation. |
| Municipalities | Miami Lakes | Traffic Signal Emergency Power | Future Unfunded Project | Power Failure,Storm Surge,Wild Fire,Wind,Technological Disruption | Potential | Identified Funding Source | 45,000.00 | 84 | | 12 months | In the event of power outages, the town wishes to obtain and install transfer switches for additional energy sources on electrical boxes connected to traffic signals. This will allow the town to disconnect the electricity and connect to portable generators to power the traffic signals, thus eliminating the dangers from power surges when the electricity is repaired. This includes a power source for the Town variable-message-sign (VMS) to be used for emergency situations. |
| Municipalities | Miami Lakes | Traffic Control | Future Unfunded Project | Power Failure,Storm Surge,Technological Disruption,Wind,Other | Potential | Identified Funding Source | 10,000.00 | 80 | | 12 months | To provide for public safety, the town seeks to purchase mobile stop signs, mounted on square bases, to control traffic in the event that traffic lights are inoperable. These will be placed as four-way stops at an estimated 15 unmanned intersections. |
| Municipalities | Miami Lakes | Localized Drainage Improvements | Future Unfunded Project | ,Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge | Potential. | Identified Funding Source | 200,000.00 | 81 | | 12 months | Localized drainage improvements as identified throughout the Town boundaries (Hutchinson and Royal Oaks). |
| Municipalities | Miami Lakes | West Lakes Drainage Improvements | Future Unfunded Project | Flood,Flood/Storm Surge,Sea Level Rise,Storm Surge | Potential. | Identified Funding Source | 3,200,000.00 | 91 | | 24 months | The West Lakes drainage improvements address the drainage deficiencies in the neighborhood. These roads experience localized drainage problems. The existing storm drainage systems for these areas often takes several days to discharge runoff that is on the roads, creating a nuisance and potential danger to the motoring public. Components include NW 89th Avenue, Olivia Gardens, Genesis Gardens, and Florida Tropical Estates. Preliminary design has been completed and project boundaries needed to be increased. |
| Municipalities | Miami Lakes | Lakes Water Quality Improvements | Future Unfunded Project | Health,Storm Surge,Flood,Flood/Storm Surge,Sea Level Rise,Other | Potential | Identified Funding Source | 200,000.00 | 76 | | 12 months | Infrastructure improvements to treat storm water runoff and improve water quality. The project will install a system of catch basins that connect to exfiltration trenches which discharge into the lakes. |
| Municipalities | Miami Lakes | Lake Sarah Drainage Improvements | Future Unfunded Project | Flood,Sea Level Rise | Potential | Identified Funding Source | 1,000,000.00 | 81 | | 12 months | <p>The Town of Miami Lakes is located in northwestern Miami-Dade County, Florida and was incorporated in December 2000. In 2003, the Town completed its Stormwater Master Plan, assuming responsibility for Stormwater management within its boundaries. In addition, the Town adopted ordinance 03-31 which established the Town's Stormwater Utility and assumed maintenance responsibility from Miami-Dade County for drainage facilities located within the Town boundary. The Town continues to perform updates to its existing Stormwater Master Plan in order to enable the Town to examine the effectiveness of the ongoing Stormwater Operation, Maintenance and Capital Improvement Programs.</p> <p>The Project is located between Miami Lakeway South, SR 924, Palmetto Expressway (SR826) and NW 67th Avenue. The Project area includes Big Cypress Drive, Twin Sable Drive, Bamboo Street and Bamboo Court, Cypress Court, Alamanda Avenue, Silver Oaks Drive, Sea Grape Terrace and White Oak Drive in the southeast residential area of the Town of Miami Lakes, Florida. The Project latitude and longitude coordinates for the area are 25.9023N and -80.3185W.</p> <p>The Lake Sarah Sub-basin was analyzed as part of the Town's Stormwater Master Plan. The existing drainage system in this sub-basin consists of catch basins discharging to the Lake. Roadside swales and exfiltration trenches provide some water quality pre-treatment and storage of roadway run-off. However, there are several areas of flooding extending to the centerline of the roadway within this sub-basin. The sub-basin consists of approximately 285 acres of existing detached single family homes, parks and lakes. Based on detailed hydrologic and hydraulic calculations for this sub-basin, the majority of the modeled drainage areas within the sub-basin do not currently meet the Town's performance goals. In addition, some catch basins in this sub-basin were observed to be filled with debris and sediment blocking, or highly restricting flow.</p> <p>The hydrologic and hydraulic calculations for this sub-basin reveal that the existing drainage infrastructure does not discharge adequate runoff to meet the desired performance criteria. The capacity of the existing swales and French drains are not sufficient to discharge the volume of runoff outlined in the performance criteria during storm events. Furthermore, roadway settlement at intersections was observed as a result of inadequate drainage conditions. Improvements to drainage infrastructure are needed to address these inadequacies. The proposed Project construction and drainage improvements include cleaning and flushing all sediment and debris from existing catch basins and pipes, and adjusting catch basin elevations and locations to minimize accumulation of sediment and debris. The Town will install the additional infrastructure, modify or reconstruct existing catch basins as required to provide sediment traps (sumps), and install additional exfiltration trenches to</p> |
| Municipalities | Miami Lakes | Royal Oaks Drainage Improvements | Future Unfunded Project | Flood,Flood/Storm Surge | Potential | Identified Funding Source | 850,000.00 | 81 | 12/1/2011 | 12 months | The Royal Oaks drainage improvements address the drainage deficiencies in the neighborhood. These roads experience localized drainage problems. The existing storm drainage systems for these areas often takes several days to discharge runoff that is on the roads, creating a nuisance and potential danger to the motoring public. Components include Dunhill Cove/Swan's Landing, 2nd Addition and 5th Addition. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Miami Lakes | Public Information and Education | Future Unfunded Project | All Hazards,Other | Potential | Identified Funding Source | 10,000.00 | 84 | | 12 months | Develop a How To manual specifically for Miami Lakes citizens. Through the use of grant funds, the town can develop community disaster education programs to promote emergency awareness and educate residents on the appropriate response and necessary preparations to take in the threat of an emergency, in addition to the importance of stormwater mitigation. This effort should reduce demands on the local government and facilitate recovery after the event. During times when both the town and the county are responsible for various city services, this can be a key issue. |
| Municipalities | Miami Lakes | EOC Generator | Future Unfunded Project | ,Flood/Storm Surge,Power Failure,Storm Surge,Other | Potential | Identified Funding Source | 150,000.00 | 81 | | 12 months | Town is seeking funding for the procurement and installation of One (1) New Caterpillar Model C-9 Diesel Engine Generator set, UL 2200 Listed, rated @ 250kW Standby, 277/480VAC, 3 Phase, 60 Hz., 1800 rpm Diesel Engine Generator Set with One (1) 549 gallon, UL Listed 142, FDEP Approved, Subbase Diesel Fuel Storage Tank and Walk In Type Sound Attenuated Weather Protective Aluminum Enclosure – HVHZ Rated – Sound Reduction 25dBA @ 7 meters in Free Field Environment. |
| Municipalities | Miami Shores | 105 Street Drainage Pump Station | Future Unfunded Project | ,Flood/Storm Surge,Sea Level Rise | State Grant | (Select) | 1,500,000.00 | 67 | | unknown | The neighborhood in the vicinity of 104 Street has been experiencing flooding during times of heavy rain especially during high tide and also sunny day flooding in relation to king tides. The drainage pump system will allow Miami Shores to pump against high and king tides to reduce localized flooding. |
| Municipalities | Miami Shores | Harden Windows in the Recreation Field House | Future Unfunded Project | Wind | | (Select) | 50,000.00 | 0 | | unknown | Hurricane-rated protection is needed for the windows of the Miami Shores Village Recreation Field House. |
| Municipalities | Miami Shores | Hurricane Proof Emergency Generator Room (Police Department) | Future Unfunded Project | Wind | | (Select) | 61,000.00 | 0 | | unknown | Replace the aluminum cover currently housing the generator used for emergency power to support public safety operations during and after hurricanes. Replace with a hardened poured concrete structure. |
| Municipalities | Miami Shores | Harden and Flood Proof Public Works Facility | Future Unfunded Project | Flood,Wind | | (Select) | 710,000.00 | 0 | | unknown | Strengthen the existing Butler Aluminum Building with structural reinforcements including raising the floor elevation; adding injection well / exfiltration drainage system to protect administrative/inventory storage from flooding. Make existing offices hurricane proof by using poured concrete roofing and steel reinforced doors, enabling the facility to augment Village Hall as an employee hurricane shelter during storms. Replace existing overhead garage doors with hurricane proof doors. Strengthen UHF radio tower to withstand hurricane force wind loads. |
| Municipalities | Miami Shores | Redesign Bayfront Park Seawall | Future Unfunded Project | Wind | | (Select) | 1,500,000.00 | 0 | | unknown | Design and construct new seawall system using poured concrete and tiebacks to replace existing 900 foot seawall, currently in poor condition. Explore more hurricane resistant design, including the angling of the seawall to allow better deflection of wave action. Re-engineer pylons to accept pedestrian safety rails. |
| Municipalities | Miami Shores | Harden Windows in the Miami Shores Golf & Country Club | Future Unfunded Project | Wind | | (Select) | 150,000.00 | 0 | | unknown | Hurricane-rated protection is needed for the windows of the Miami Shores Village Golf & Country Club. |
| Municipalities | Miami Shores | Harden Windows in 2nd Floor Police Department | Future Unfunded Project | Wind | | (Select) | 50,000.00 | 0 | | unknown | Hurricane-rated protection is needed for the windows of the Miami Shores Village Police Station's 2nd Floor. |
| Municipalities | Miami Springs | Engineering Study to determine sites of canal bank restoration | 25% complete | ,Flood,Flood/Storm Surge | Department of Environmental Protection Division of Water Protection Assistance | Grant Awarded | 2,000,000.00 | 0 | | unknown | Miami Springs has numerous locations along the Melrose Canal that need to be studied and mitigated through canal bank stabilization. |
| Municipalities | Miami Springs | Storm Shutter for Country Club | Future Unfunded Project | Wind | City Budget | Identified Funding Source | 75,000.00 | 0 | | unknown | Miami Springs utilized the Country Club as an emergency feeding site for critical city personnel post storm. The City plans to update the current panel shuttering system to an accordion system that would reduce the amount of time needed for Emergency Protective Measures. |
| Municipalities | Miami Springs | Removal of Australian Pines | 50% complete | Wind,Other | City Budget | Identified Funding Source | 14,000.00 | 0 | | 2025 | The city has a large number of old, deteriorated Australian pines that easily become a hazard during high winds. The removal of these conifers requires specialized equipment and skills that city crews do not possess. This project would enable the city to hire a professional firm to remove approximately 30 Australian pines The City of Miami Springs has outsourced its tree trimming and removals and within the scope of work the Pines were included under pricing which in turn allows dollars for removals under more controlled environment. |
| Municipalities | North Bay Village | Smart Meters | Other | Power Failure | | Unknown/None | 5,000.00 | 0 | | unknown | This project consist of the acquisition of four smart meters that immediately advise of a power outage. Telephoning up to three individuals and entering a trouble-ticket to Florida Power and Light. This will prevent drastic environmental disasters caused by sewage over flow out of the city's four sewage pump stations. |
| Municipalities | North Bay Village | Digital City Survey | Other | Flood | | Unknown/None | 35,500.00 | 0 | | unknown | This project encompasses the creation of a complete city electronic topographic survey in MicroStation? or AutoCAD. This will help incorporate the recently created geo-referenced wastewater system. By obtaining the global satellite positions for all wastewater manholes, pump stations, and force mains, the entire wastewater system for the city is now digitized. The city's water distribution system will be digitized once an entire city survey is created by obtaining the global satellite positions for all water valves, water meters, and water mains. |
| Municipalities | North Bay Village | Hispaniola Sewage Pump Station | Other | Flood | | Unknown/None | 100,000.00 | 0 | | unknown | The city's wastewater system is made up of only four pump stations. The busiest pump station next to the main pump station is the Hispaniola pump station. This is a wet well/dry well station located on Treasure Island. A recent pump station inspection found the dry well to be in bad condition. The wall lining has peeled away, and in several areas, the wall itself has deteriorated to the point of exposing the rebar. Both pumps are barely operational and the pump controls were disintegrating. The calculated average daily flow to the station is 576 Gallons per minute (gpm). The station pumping capacity must be increased by a factor of 1.2 to meet EPA ten-hour criteria. This translates to a flow rate of 1383 gpm per pump to meet current needs and to account for the potential growth on Treasure Island. The project consists of converting the existing dry/wet pit station to a fully wet station. This will nearly double its holding capacity. Two new chopper pumps, which devourer any debris introduced in the sewer system, will be installed. |
| Municipalities | North Bay Village | North Bay Island Stormwater Pump Station Rehabilitation | Other | Flood/Storm Surge | | Unknown/None | 124,840.00 | 0 | | unknown | When North Bay Island is affected by a severe storm, the storm surge or heavy rains can cause a great deal of damage to the public right of way and residential homes. Therefore we are proposing that the following project to be included in the Local Mitigation Strategy. Rehabilitation of the stormwater station located on North Bay Island. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | North Bay Village | Storm Drainage Outfall Protection | Other | Flood/Storm Surge | | Unknown/None | 100,000.00 | 0 | | unknown | This project involves video recording the existing storm drainage system, rehabilitating all portions needed, and the installation of backflow preventors at all stormwater outfalls in the city. This will prevent buildup of barnacles which decrease the cross-sectional diameter of the pipes in turn decreasing the flow capacity. The valves will maintain the high water table bay waters out of our storm system allowing our pipes to act as additional containment volume. Most importantly they will maintain flow moving in a positive flow and prohibit contaminants to enter Biscayne Bay and the waters of the United States. |
| Municipalities | North Bay Village | Existing Sewer Force Main | Other | Flood | | Unknown/None | 66,600.00 | 0 | | unknown | This is a Division of Environmental Resource Management mandated project. In order for the city to continue day-to-day construction development the sole existing sewer force main must be inspected for leaks, structurally analyzed and protected. This project consists of performing a dye-test which will reveal any leaks in the pipe; as well as an ultrasonic scan which will provide the existing cross-sectional thickness of the pipe at several locations. The final step is the installation of 40 buoys marking the sewer force main trajectory. This will alert and prohibit vessels from damaging the brittle 38 year old force main. All previous breaks have been man endues. The first was an anchor, the second was a ship that ran ashore and the third was a vessel that stroke the main leaving a clear deformation, the forth was a 40' wooden pile that caused a perforation after Hurricanes Charlie and Frances. |
| Municipalities | North Bay Village | Storm Drainage, Sewage, Bay Restoration | Future Unfunded Project | Flood/Storm Surge | | Unknown/None | 6,500,000.00 | 0 | | unknown | This will be the biggest environmentally focused project the city has encountered. Biscayne Bay is currently exposed to almost 10,000 linear feet of North Bay Village-Miami Beach bound sewage pipe. This project involves a new Miami bound pipe. The new force main will originate at the city's main sewer pump station (Galleon Street) and travel to N. Treasure Drive turn north at Adventure Avenue and west on J.F. Kennedy Causeway (SR 934). It will turn south in NE 6th St. (Miami) and end at Miami-Dade County's sewer lift station just south of SR 934. This project involves storm water improvements to all roadways affected. The environment will benefit the most by replacing the current eastbound 10,000 linear feet of raw sewage pipe that crosses Biscayne Bay to only 300 linear feet of new westbound pipe. If horizontal directional drilling is used to cross under Biscayne Bay there would be zero pipe exposure to the bay. |
| Municipalities | North Bay Village | Underground Electrical Power Lines | Future Unfunded Project | Power Failure | | Unknown/None | 7,070,000.00 | 0 | | unknown | This project involves the removal of above ground electrical power lines and the replacement of a complete underground electrical power line system for the entire city. The city of North Bay Village is within the hurricane evacuation Red Zone, which means it is exposed to possible severe damage. Having an underground electrical power system will tremendously lower the power outages caused by hurricane force winds. |
| Municipalities | North Bay Village | Municipal Park | Future Unfunded Project | | | Unknown/None | 1,400,000.00 | 0 | | unknown | The city of North Bay Village serves over seven thousand residents and yet only has one very small tot-lot. The future of a city depends on the well-being of its young residents. A city park is greatly needed. This project will fund the acquisition of a lot and its conversion to a municipal Park. |
| Municipalities | North Miami | Sanitary Sewer Backup | 50% complete | ,Power Failure | | (Select) | 700,000.00 | 73 | | less than 6 months | The city maintains and operates forty-five sanitary sewer lift stations. These lift stations, located throughout the city, vary in size and configuration and allow sanitary sewage to flow through a pressurized sewer main system. This sewer system infrastructure is monitored regularly to ensure it functions properly. In the event that any lift station ceases to operate due to power failure or malfunction, the entire system fails as required pressures cannot be maintained. Sanitary sewage, then backs up into the system eventually entering homes as inflow/outflow pressures are reversed. More than half of the city's forty-five sanitary sewer lift stations have high priority needs for generators. Ten lift stations are constructed with the capability to house permanent stationary generators. Six of these ten lift stations currently have emergency back up generators that are permanently affixed to the facility. The remaining four (H, B, C, & Breezeswept) require emergency generator back up to be installed. |
| Municipalities | North Miami | Emergency Portable Stormwater Pumps | Funding Applied for | ,Flood,Flood/Storm Surge | | (Select) | 225,000.00 | 71 | | 6 mos to 1 year | The easternmost boundary of North Miami borders Biscayne Bay for approximately 3 miles. There are, therefore, several low-lying areas that flood during regular rainfall and major storm events. The city is seeking funds to purchase four portable emergency pumps to assist in the discharge of stormwater runoff. These four portable pumps will be housed at the Utility Operation Center located near low-lying coastal areas to ensure a timely response. These portable stormwater pumps will help prevent repetitive flooding, reduce damages to residential properties, and decrease the number of recurring insurance claims. |
| Municipalities | North Miami | Correct Water Infiltration at City Hall (EOC) Basement | Future Unfunded Project | ,Flood,Storm Surge | | (Select) | 45,300.00 | 64 | | 6 mos to 1 year | Constructed in 1963, City Hall was designed to house a civil defense bomb shelter in the basement. Over the years, the need for a bomb shelter has become obsolete and the basement has been used for offices, classrooms, employee break rooms and storage space for department supplies. City records are also stored in the basement. Currently, the basement also contains office space for five municipalities which participate in the North Miami Divisional Emergency Operations Center. These municipalities house emergency response teams and are the link to the Miami-Dade EOC during natural disasters. Since the basement is below the natural water table, the structural integrity of the walls and flooring has diminished causing water intrusion. The walls and flooring should be sealed and possibly excavated and sealed along exterior walls. Correcting the flooding problem in the basement, will ensure that vital facilities and staff are secure during major storm events |
| Municipalities | North Miami | Replacement Generator for Police Station | Future Unfunded Project | ,Power Failure | | Unknown/None | 325,000.00 | 63 | | 6 mos to 1 year | The current generator, which is over 15 years old, supplies back up power for the North Miami Police Station. The Police Station is an integral part of Miami-Dade County's Emergency Management's Divisional Response Plan. The city of North Miami is one of seven municipalities identified as host cities (Division 2) housing a Divisional Emergency Operations Center and serving not only city residents but also residents from the Town of Bay Harbor Islands, the Village of Biscayne Park, the town of Surfside, Indian Creek and North Bay Village. The ability to operate and provide communications from a functional facility during manmade or natural disasters is of vital importance to the overall safety of the community and neighboring municipalities. The City is therefore seeking funds to replace the back-up generator at the Police Station. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | North Miami | Surge Resistance and Flood Mitigation at Keystone Point and Sans Souci | 75% complete | | | Capital Improvement | 500,000.00 | 62 | | 6 mos to 1 year | The eastern boundary of North Miami borders Biscayne Bay for approximately three miles. Keystone Point and Sans Souci are the two subdivisions located along this eastern shoreline. There are five canal ends in Sans Souci currently in good condition, and are twenty-three canal ends in Keystone Point that have been repaired. When these subdivisions were developed, these canal ends were constructed to prevent soil erosion. The canal ends were not designed as seawalls and their structural integrity was not considered at the time. In 1998, the city received a Federal Emergency Management Agency grant to reconstruct nineteen of the twenty-eight seawalls. While two existing retaining walls do not need repairs, the remaining seven retaining walls need reconstruction to ensure structural integrity in the event of storm-related tidal surges. Approximately 50 homes will be affected if the remaining retaining walls are damaged by a tidal surge. In addition, any surface or subterranean deterioration to the existing retaining walls will adversely impact the structural integrity of the swales directly behind the seawalls and subsequently damage underground utilities in close proximity to the retaining walls. This project will prevent repetitive flooding, reduce damages to residential properties, decrease the number of recurring insurance claims, and provide uninterrupted telephone, water and sanitary sewer services to residents. |
| Municipalities | North Miami | Flood Prevention and Mitigation: Drainage Basin13 | 50% complete | Flood | | Capital Improvement | 500,000.00 | 61 | | unknown | Stormwater Master Plan Priority Basin 13 includes two sub-basins in the Biscayne East system. The area is bounded by Biscayne Canal and NE Miami Ct., between NE 119th and NE 123rd Streets. While there currently exists a limited number of drainage structures in this area, they require critical updates including the installation of baffles and replacement of grates. The installation of additional structures with French drainage systems, as outlined in the Master Plan conceptual design, will prevent repetitive flooding, reduce damages to residential properties, and decrease the number of recurring insurance claims. |
| Municipalities | North Miami | Utility Operation Center Surge Suppression System | Future Unfunded Project | ,Storm Surge,Power Failure | | Capital Improvement | 20,000.00 | 66 | | less than 6 months | The city maintains and operates forty-five sanitary sewer lift stations. Most lift stations are monitored from the city's operation center located at 1815 NE 150th Street through a supervisory control and data acquisition (SCADA) system. All SCADA information is routed electronically through a server located at City Hall and relayed to either the operation center or the lift stations by way of radio. The SCADA system is susceptible to power fluctuations and spikes that damage equipment and disrupt communication between the operation center, City Hall and subsequently the lift stations. Surge suppression equipment will protect the system against damaging power fluctuations. eliminate the need for new equipment purchases and reduce personnel costs to manually control lift stations during storm events. |
| Municipalities | North Miami | Gravity Sewer Systems Improvements for Groundwater Infiltration Reduction | Other | ,Other | | Capital Improvement | 6,000,000.00 | 63 | | > 1 year | The city is seeking funds to implement remedial protocols, namely sanitary sewer pipe lining and manhole rehabilitation to reduce groundwater infiltration into the sanitary sewer collection system. The project calls for lining the interior of existing sewer lines. Lining the system will significantly reduce the inflow and infiltration of ground water into the sewer collection system. This, in turn, will reduce the total volume of water being treated at the Miami-Dade County Sewage Treatment Facility consequently reducing processing costs. In addition, this project will also reduce leakage of raw sewage from existing compromised lines into the environment, prevent groundwater contamination and ensure the public health, safety and general welfare of are residents. |
| Municipalities | North Miami | Non-critical Facilities Hazard Mitigation | Future Unfunded Project | ,Flood/Storm Surge,Flood,Storm Surge,Other | | Capital Improvement | 400,000.00 | 61 | | 6 mos to 1 year | The city has identified seven of its buildings as non-critical facilities. These facilities support the restoration of essential city services after major storm events and other emergencies. Non-critical facilities include five community centers (Enchanted Forest Community Center, Griffing Senior Adult Center, Gwen Margolis Community Center, Keystone Center and Sunkist Grove Community Center), the Museum of Contemporary Art and the Parks Operation Center. Non-critical buildings are used as staging facilities by city staff, FEMA, Red Cross, and other emergency response agencies. Over the years, building officials and staff have researched various types of protection, ranging from plywood to roll down fixed metal shutters and shields. Non-critical city facilities, currently secure their windows and doors with plywood. Plywood requires considerable storage space and time-consuming installation. The installation of a combination high impact/shatterproof windows, roll downs and/or hurricane proof screens in these facilities will reduce significantly the time, manpower and storage currently required to secure them. To date only the Building and Zoning Building has hurricane shutters installed. |
| Municipalities | North Miami | Replacement of U.P.S. for Police Station | Future Unfunded Project | ,Power Failure | | Unknown/None | 80,000.00 | 65 | | 6 mos to 1 year | The City of North Miami is an integral part of Miami-Dade County's Emergency Divisional Response Plan. The City of North Miami is one of seven municipalities identified as host cities, serving the Town of Bay Harbor Islands, the Village of Biscayne Park, the Town of Surfside, and the Town of Indian Creek. The Divisional Emergency Operations Center (EOC) facility houses staff and provides emergency planning, communication, and information receipt and dissemination services. During manmade or natural disasters, the ability to operate and provide communications from a protected and safe facility is of vital importance to the overall safety of the community and neighboring municipalities. The current Uninterruptible Power Supply (UPS) provides power during power failures and safeguards all communications equipment, computers and other vital electrical equipment. The current UPS is over five (5) years old; all batteries have reached the end of useful service life; and it is at its maximum capacity. The city is therefore seeking funds to replace the Uninterruptible Power Supply. |
| Municipalities | North Miami | Safeguarding Availability of Potable Water | Other | ,Other,Health,Power Failure | | Capital Improvement | 325,000.00 | 79 | | 6 mos to 1 year | Six remote raw water wells provide water to the city's Winson Water Plant at Sunkist Grove and supply the water necessary to operate the Water Plant at full capacity. This project will provide emergency power to the six remote raw water wells. These emergency generators will ensure that the remote water wells remain operational during power outages caused by storm events, and that the Plant will operate at full capacity. This will provide an uninterrupted source of potable water for North Miami residents as well as residents in surrounding water service areas. In addition, it will also ensure interconnectivity with other municipalities and service areas including the City of Opalocka, the City of North Miami Beach and Miami-Dade County. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | North Miami | Emergency Power for Water and Sewer Utility Operations Center | Funding Applied for | ,Power Failure | | Capital Improvement | 90,000.00 | 68 | | less than 6 months | The city's Water and Sewer Utility Operations Center is not manned during major storm events. The Center, however, must be operational immediately after an all-clear notice is issued. All Water and Sewer equipment, materials and supplies are stored at this location. In addition, repair crews are dispatched and monitored from the Center during storm events and other emergencies. The city is therefore seeking funds to install a stationary emergency generator at the Center. |
| Municipalities | North Miami Beach | NE 19th Avenue Business District Sewering | Future Unfunded Project | ,Flood | CIP | Identified Funding Source | 0.00 | 63 | | 2015 | This project consists of the construction of positive sewer systems for the NE 19th Avenue Business District. These systems will replace existing septic systems. |
| Municipalities | North Miami Beach | Transmission Main Pipe Evaluation and Testing | Funding Secured | ,Other | CIP | Identified Funding Source | 25,000.00 | 74 | | 2015 | This project consist of the evaluation and testing of large diameter water mains City-wide. |
| Municipalities | North Miami Beach | Eastern Shores Outfall Retrofit Design Project | Project in Planning Stage | ,Flood | Capital Improvement Project scheduled for FY17. | Identified Funding Source | 300,000.00 | 87 | | FY2017 | The entire stormwater system of this neighborhood, Eastern Shores located east of US1 depends on the proper functioning of the outfall pipes that discharge in the canal and Intracoastal. There is approximately 5,018 linear feet of existing outfall pipes in 44 locations in the neighborhood of Eastern Shores and Western Eastern Shores. Most of the outfall pipes were installed in the early 1960s up to the late 1970s. There pipes have deteriorated and are collapsing due to age and rusts caused by salinity of the ground water in the area. |
| Municipalities | North Miami Beach | Sanitary Sewer System/Remove Septic Tanks | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 100,000.00 | 81 | | FY16-FY20 | Flooding in areas with septic tank systems poses significant environmental and health risks to the immediate residents and the community at large because flooded septic systems have the potential to contaminate both groundwater and surface water. Extending the sanitary sewer system to residents currently utilizing septic systems would benefit approximately 25% of the City of North Miami Beach. |
| Municipalities | North Miami Beach | Proactive Hurricane Tree Trimming | Project in Planning Stage | ,Other | Capital Improvement Project | Identified Funding Source | 150,000.00 | 50 | | FY16-FY20 | The proposal is for funding of tree trimming services to properly prune and maintain over 16,000 trees throughout the City of North Miami Beach. Properly pruning and thinning of tree canopy would be essentially beneficial in minimizing damage to utilities, building structures, and automobiles as a result of drowned trees during severe storm systems. |
| Municipalities | North Miami Beach | Establishment of Emergency Operations Center | Project in Planning Stage | ,Flood/Storm Surge,Wind | Capital Improvement Project | Identified Funding Source | 385,000.00 | 86 | | FY16-FY20 | The proposal is to upgrade the power generating capacity of the Carter Tyree Public Service Operation Center to be self-sustaining during and after a disaster. This facility was constructed in 1997 to withstand winds exceeding 180 MPH but lacks the power generation capacity to power crucial functions that operate from this facility. This is the facility where, emergency preparedness and disaster recovery crews are headquartered. The scope of the work would include an upgraded generator, conservation of empty "bunker" room into command center, installation of radio and communication equipment, enhancement of onsite fueling station and installation of remote fueling facility at Water Plant. |
| Municipalities | North Miami Beach | Norwood Water Treatment Plant Stormwater Retention Ponds | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 600,000.00 | 81 | | FY16-FY20 | The City of North Miami Beach is currently undergoing a major Norwood-Oeffler Water Plant Expansion Program. Approximately 15 million gallons per day (MGD) membrane treatment system will be added to the current 16 MGD lime softening process. Due to increased pervious areas, the current storm system needs to be expanded. However, due to well field protection requirements and site limitations, the existing exfiltration system cannot be expanded. To achieve the goals of the stormwater management and protection of public water supply wells, the City had to construct three dry stormwater retention ponds and associated piping system. The total pond area is approximately 0.8 acre. The system also includes 550 ft. of 18-inch, 550 ft. of 24 inch, and more than 1000 ft. of 36-inch fiber reinforced concrete pipe, and associated about 30 inlet or manhole structures. |
| Municipalities | North Miami Beach | Well Field Stormwater System Improvement | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 29,000.00 | 80 | | FY16-FY20 | In order to protect public water supply wells #13 and #19 from contamination, the City needs to modify the stormwater system previously constructed in the vicinity of the wells. Approximately 300 ft. of 30-inch French drain needs to be removed and replaced with solid pipes. The associated inlets need to be modified as well. |
| Municipalities | North Miami Beach | Emergency Generators for Norwood Water Treatment Plant | Project in Planning Stage | ,Power Failure | Capital Improvement Project | Identified Funding Source | 1,550,000.00 | 84 | | FY16-FY20 | This project consist of the installation of emergency back-up power for the Norwood Water Treatment expansion project. Emergency standby power facilities would be at the Norwood WTP to handle the expanded facilities and on-site wells, and additional emergency standby facilities would be provided at the Parkway Elementary School site to supply standby power for the new off-site Biscayne Aquifer wells. |
| Municipalities | North Miami Beach | Drainage in Alleyways | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 50,000.00 | 81 | | FY16-FY20 | This project consists of the construction of exfiltration trenches/catch basins in alleyways City-wide. |
| Municipalities | North Miami Beach | Injection Well Construction | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 150,000.00 | 83 | | FY16-FY20 | Installing stormwater system, including but not limited, to deep-well injection wells to reduce flooding would benefit approximately 30 percent of the City. This type of project is needed where localized flooding is observed and where such drainage design is applicable. |
| Municipalities | North Miami Beach | NE 10th Ave/NE 159th Street and NMB Blvd. | Project in Planning Stage | ,Other | Capital Improvement Project | Identified Funding Source | 300,000.00 | 59 | | FY16-FY20 | This project consist of street and Roadway improvements. This will make significant drainage improvements. |
| Municipalities | North Miami Beach | NE 161st Street Roadway and Drainage Improvements | Project in Planning Stage | ,Flood | Capital Improvement Projects | Identified Funding Source | 400,000.00 | 77 | | FY16-FY20 | This project consist of roadway improvements. This will include making significant drainage improvements. |
| Municipalities | North Miami Beach | Stormwater Improvements City-wide | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 340,000.00 | 82 | | FY16-FY20 | The project consist of design and construction of various storm water improvements City-wide. This will consist of the replacement of existing storm water pumps on a needed basis. |
| Municipalities | North Miami Beach | Storm Water Pump Replacement Program | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 50,000.00 | 87 | | FY16-FY20 | The project consist of the replacement of existing storm water pumps on an as needed basis. |
| Municipalities | North Miami Beach | Install Additional Stormwater Basins | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 60,000.00 | 90 | | FY16-FY20 | Installing additional stormwater management basins will help the City reduce the potential for flooding after storms and heavy rains. Installation of additional basins will affect the entire municipality, as well about 20 percent of Miami-Dade County. |
| Municipalities | North Miami Beach | Miami Industrial District Drainage & Roadway Improvements | Project in Planning Stage | ,Flood | Capital Improvement Project | Identified Funding Source | 800,000.00 | 78 | | FY16-FY20 | This project consist of the installation of stormwater system, French drains, road resurfacing, curbing, and landscape. |
| Municipalities | North Miami Beach | Highland Village Stormwater Improvement | Project in Planning Stage | ,Flood | Capital Improvement Project scheduled for FY17 | Identified Funding Source | 200,000.00 | 79 | | FY 2017 | The project consist of various drainage improvements in the Highland Village subdivision. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
|----------------|-------------------|------------------------------------------------------------------------------------------|----------------------------|--------------------|--------------------------|---------------------------|-----------------|-----|-------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Municipalities | North Miami Beach | Renovation of Eastern Shores Outfall pipes | Future Unfunded Project | flood | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | The entire stormwater management system of this neighborhood, located on Maule Lakes and the Intracoastal waterways, just east of US-1, depends on the proper functioning of outfall pipes that discharge directly into the canal and Intracoastal waterways. There is a total of approximately 5,018 linear feet of existing outfall pipes in 44 locations in the neighborhood. The majority of these outfall pipes were installed in the early 1960's and up to the late 1970's. The pipes have since deteriorated and in some cases are collapsing due to age and due to exposure to saline soil and groundwater in the area. Damaged outfalls need to be replaced and/or repaired. |
| Municipalities | North Miami Beach | Leak Detection Services | Funding Secured | ,Flood/Storm Surge | CIP | Identified Funding Source | 50,000.00 | 82 | | 2015 | This project consist of locating and repair existing leaks within the City's watermain system City-Wide. |
| Municipalities | North Miami Beach | Install Additional Storm Water Basins or Increase Existing Basins | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 60,000.00 | 86 | | 2015 | Installing additional storm water management basins will help the city reduce the potential for flooding after storms and heavy rains. Installation of additional basins will affect the entire municipality, as well about of Miami-Dade County. |
| Municipalities | North Miami Beach | NE 172nd Street Drainage Improvement | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 1,791,692.00 | 77 | | 2015 | This project consist of installation of approved pre-treatment devices, storm water pumping station, outfall pipe modification, deep injection wells, and road resurfacing. This project will significantly reduce flooding in the area and make it safe for residents to travel. |
| Municipalities | North Miami Beach | Clean and Improve Drainage Systems | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 428,400.00 | 83 | | 2015 | Cleaning and improving the City's drainage system, including approximately 2,800 catch basins would help dispose of storm water and benefits all residents of the municipality, as well approximately 20 percent of Miami-Dade County. The cost to clean the catch basins once is \$428, 400 (based on a cost of \$153 per catch basin) and installing a new drainage system is approximately \$1,000,000 per 200 residential lots. |
| Municipalities | North Miami Beach | Drainage in Alleyways | Funding Secured | ,Flood/Storm Surge | CIP | Identified Funding Source | 50,000.00 | 78 | | 2015 | This project consists of the construction of exfiltration trenches/catch basins in alleyways city-wide. |
| Municipalities | North Miami Beach | Eastern Shores Drainage Repair/Replacement | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 450,000.00 | 78 | | 2015 | This project consist of the repair and replacement of damaged existing drainage in the Eastern Shores neighborhood. |
| Municipalities | North Miami Beach | Perform Free Hurricane Inspections for City Residents | Future Unfunded Project | wind | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | By performing free hurricane inspections for buildings located within the City limits, the City would help to reduce the potential for damages to property as well as to educate the public on issues related to hurricane and storm safety, evacuation routes, and other essential topics. This project has the potential to benefit 100 percent of the properties located within the City; however, the degree of success will depend on the number of properties that participate in the program. To foster larger participation, the City would offer incentives to property owners. |
| Municipalities | North Miami Beach | Construct Storm Water System that may include Injection Wells in Areas Prone to Flooding | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 120,000.00 | 77 | | 2015 | Installing storm water system, including but not limited, to deep-well injection wells to reduce flooding would benefit approximately 30 percent of the City. This type of project is needed where localized flooding are observed and where such drainage design is applicable. |
| Municipalities | North Miami Beach | Miami Industrial District Drainage and Roadway Improvement | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 800,000.00 | 71 | | 2015 | This project consists of the installation of a storm water system. road resurfacing, curbing, and landscape. |
| Municipalities | North Miami Beach | Highland Village Drainage Improvements and Pump Stations | Future Unfunded Project | ,Other | CIP | Identified Funding Source | 0.00 | 76 | | 2015 | This project consist of various drainage improvements in the Highland Village subdivision. Also included within this project is the construction of a pump station for well injection. |
| Municipalities | North Miami Beach | Storm Water Pump Replacement Program | Funding Secured | ,Flood | CIP | Identified Funding Source | 50,000.00 | 63 | | 2015 | This project consists of the replacement of existing storm water pumps on a needed basis. |
| Municipalities | North Miami Beach | NE 172 Street Drainage Improvement | Future Unfunded Project | flood | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of five (5) deep injection wells, catch basins and drainage pipes, stormwater pump station, and road resurfacing. This project will significantly reduce flooding in the area of the City located between NE 170 St. West Dixie Highway and NE 22 Ave. and NE 172 St. |
| Municipalities | North Miami Beach | Pump Replacements | Funding Secured | ,Flood | CIP | Identified Funding Source | 165,000.00 | 11 | | 2015 | The project consists of the replacement of sewage lift station pumps on as needed basins. |
| Municipalities | North Miami Beach | NE 10th Avenue between NE 159th Street and NMB Blvd. | Future Unfunded Project | ,Other | CIP | Identified Funding Source | 0.00 | 77 | | 2015 | This project consist of roadway improvements that will be making significant drainage enhancements. |
| Municipalities | North Miami Beach | Provide Disaster Training for Public Works Employee | Future Unfunded Project | All Hazard | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | By providing disaster training for employees of the Department of Public Services prior to a disaster, the City would have at its disposal, trained, knowledgeable and capable personnel, who could manage scenarios associated with disasters in a more efficient and effective manner. Consequently, costs and delays often associated with post-disasters periods would be significantly reduced. |
| Municipalities | North Miami Beach | Establish Additional Hurricane Shelters | Future Unfunded Project | All Hazard | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | Due to the geographic location of the City and its surrounding communities, there is a high demand for shelter space especially during hurricanes classified as Category 2 and higher. Residents of both, the City and the surrounding communities, depend on the City to provide shelter space in the event of a disaster. The current shelters are inadequate to accommodate the large numbers of people who would require these services. Establishing additional shelters throughout the City would provide significant benefits and peace of mind to its residents. |
| Municipalities | North Miami Beach | NE 161 Street Drainage Improvements | Future Unfunded Project | flood | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of a French Drain System, swale improvement and road re-surfacing of NE 161 St., between NE 13th Ave. and NE 15th Ave. |
| Municipalities | North Miami Beach | Force Main Installations and Lift Stations Rehabilitations | Funding Secured | ,Other | CIP | Identified Funding Source | 125,000.00 | 51 | | 2015 | This project consists of the rehabilitations of existing City owned sewage lift stations and the construction of any new force mains required during the rehabs. |
| Municipalities | North Miami Beach | Aerial Pipe Crossings | Funding Secured | ,Other | CIP | Identified Funding Source | 350,000.00 | 72 | | 2015 | This project consist of the restoration of aerial pipe crossing for both City water mains and City sewer force mains. |
| Municipalities | North Miami Beach | Renovation of Eastern Shores Outfall Pipes | Construction/Project Begun | ,Flood | CIP | Identified Funding Source | 550,000.00 | 75 | | 2015 | The entire storm water system of the Eastern Shores neighborhood is located east of US1 and depends on the proper functioning of the outfall pipes that discharge in the canal and Intercoastal. There is a total of approximately 5,018 linear feet of existing outfall pipes in 44 locations in the neighborhood of Eastern Shores and Western Eastern Shores. Most of these outfall pipes were installed in the early 1960s up to the late 1970s and as a result, these pipes have deteriorated and are collapsing due to age and rust caused by salinity of the ground water in the area. |
| Municipalities | North Miami Beach | NE 165 Street Roadway Improvements | Future Unfunded Project | flood | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of a French Drain System, swale improvement and road re-surfacing of NE 165 St., between NE 16th Ave. and NE 15th Ave. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | North Miami Beach | NE 172nd Drainage Improvement | 75% complete | ,Flood | Capital Improvement Project | Funding Secured | 17,916.92 | 72 | | FY16-FY20 | This project consist of the installation of approved pre-treatment devices a French drain, stormwater pumping station, outfall pipe modification, deep injection wells, and road resurfacing. This project will significantly reduce flooding in the area and make it safe for residents to travel. |
| Municipalities | North Miami Beach | NE 162 Street Roadway Improvements | Future Unfunded Project | flood | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of a French Drain System, swale improvement and road re-surfacing of NE 162 St., between NE 12th Ave. and NE 16th Ave. |
| Municipalities | North Miami Beach | Install Additional Stormwater Catch Basins. | Future Unfunded Project | flood | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | The installing additional catch basins will help the City to reduce the potential for flooding after major storm and rain events. The installation of additional catch basins will also greatly affect the ability of the storm drainage system to quickly convey stormwater from roadways and adjoining properties. The entire City will benefit from this improvement as well as portions of neighboring municipalities. |
| Municipalities | North Miami Beach | Telephone System Replacement For City Hall and Police Department. | Future Unfunded Project | communication failure | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of a new digital telephone system to provide seamless communication between the City's Police Dept., City Hall and the residents of the City. |
| Municipalities | North Miami Beach | Public Facilities Repair | Future Unfunded Project | wind | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the repair and strengthening of roofs, windows and other structural elements of key City-owned facilities. |
| Municipalities | North Miami Beach | Inflow and Infiltration Prevention | Funding Secured | ,Other | CIP | Identified Funding Source | 250,000.00 | 66 | | 2015 | This project consists of preventing inflow and infiltration into the City's gravity sewer mains. |
| Municipalities | North Miami Beach | Fire Flow Improvements | Funding Secured | ,Other | CIP | Identified Funding Source | 320,000.00 | 81 | | 2015 | This project consists of making improvements to the City's water main system to improve fire flow. |
| Municipalities | North Miami Beach | NE 161st Street Roadway and Drainage Improvements | Future Unfunded Project | ,Other | CIP | Identified Funding Source | 0.00 | 57 | | 2015 | This project consists of roadway improvements that will help enhance anticipated drainage issues. |
| Municipalities | North Miami Beach | Trenchless Pipe Replacements | Funding Secured | ,Flood | CIP | Identified Funding Source | 325,000.00 | 78 | | 2015 | This project consists of the replacement of various water mains and sewer force mains through underground boring methods. |
| Municipalities | North Miami Beach | Roadway Improvements | Funding Secured | ,Other | CIP | Identified Funding Source | 327,000.00 | 56 | | 2015 | This project consist of the paving, resurfacing, and curb construction along the drainage improvements on City-Wide and City roads. |
| Municipalities | North Miami Beach | Storm Water Improvement City-Wide | Funding Secured | ,Flood | CIP | Identified Funding Source | 336,885.00 | 69 | | 2015 | This project consists of design and construction of various storm water improvements City-wide. This will consist of exfiltration trenches and well injection system. |
| Municipalities | North Miami Beach | West Dixie Highway Industrial District Drainage & Roadway Improvement | Future Unfunded Project | ,Flood | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of a French Drain system, road resurfacing, curbing and landscape on the roadways located between NE 151 St., NE 154 St., West Dixie Hwy. and the FEC railroad tracks. |
| Municipalities | North Miami Beach | Additional Outfalls for Eastern Shores Outfall pipes | Future Unfunded Project | ,Flood/Storm Surge | CIP | Identified Funding Source | 100,000.00 | 0 | | 2023 | The entire stormwater management system of this neighborhood, located on Maule Lakes and the Intracoastal waterways, just east of US-1, depends on the proper functioning of outfall pipes that discharge directly into the canal and Intracoastal waterways. There is a total of approximately 5,018 linear feet of existing outfall pipes in 44 locations in the neighborhood. The additional outfalls would allow for the rapid discharge of stormwater from the neighborhood. |
| Municipalities | North Miami Beach | Develop Evacuation Procedures & Contractual | Future Unfunded Project | All Hazard | N/A | Identified Funding Source | 100,000.00 | 0 | | 2023 | In addition to posting evacuation routes on the Internet, the City would like to develop evacuation procedures to facilitate and expedite activities during an evacuation. This would include setting up contractual agreements with potential partners prior to a disaster so essential services (tree trimming, additional transportation, etc.) would be immediately available after a hurricane. The City's emergency response plan (ERP) procedures are outlined in the City's Unusual Occurrence Manual. Also, the City has signed contracts with five (5) contractors, including Crowder-Gulf, for post-disaster recovery services. |
| Municipalities | North Miami Beach | Highland Village Drainage Improvements | Future Unfunded Project | flood | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of 10 deep injection wells, additional storm drainage structures, and road re-surfacing throughout the Highland community. This project will significantly reduce flooding in the area and make it safe for residents to travel. |
| Municipalities | North Miami Beach | Construct Injection Wells in Areas Prone to Flooding | Future Unfunded Project | flood | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | Installing deep-well injection wells to reduce flooding would benefit approximately 30 percent of the City. The wells are allowed in areas where the salinity/TSS of the groundwater is 10,000 ppm or higher. |
| Municipalities | North Miami Beach | Establish a Community Outreach Program & Public Information Campaign | Future Unfunded Project | ,Flood/Storm Surge | N/A | Identified Funding Source | 500,000.00 | 0 | | 2023 | Post evacuation routes on the City's website.City-sponsored Flood Awareness Week to partner with other agencies (and community groups) and to provide information about flood risk potential, safety tips, and steps to take in a flood.Create a children's coloring book as an interagency initiative (can also be placed on our website).Publish a floodplain or pre-disaster preparedness brochure and post on website.Send flood related articles in utility bills.Broadcast on our local cable channel FEMA's Best Build video & other local flood plain videos.Publish a Flood safety section in the yellow pages.Offer flood safety and hazard information recording on the city's phone system.Develop an educational program for local schools.Sponsor a Name the Park contest as an organized community project/event. Establish a flood audit program to serve as a pre-disaster vulnerability and planning effort. Maintain elevation certificate data on our website and a link to FEMA's website. Provide material on how to select a qualified contractor and one for the property owner's recourse if dissatisfied with a contractor's performance. |
| Municipalities | North Miami Beach | Miami Drive Roadway Improvements | Future Unfunded Project | flood | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of a French Drain System, swale improvement and road re-surfacing of Miami Dr., between NE 18th Ave. and NE 19th Ave. |
| Municipalities | North Miami Beach | NE 19 Avenue Roadway Improvements | Future Unfunded Project | flood | N/A | Identified Funding Source | 0.00 | 0 | | 2023 | This project consists of the installation of a drainage system, swale improvement and road re-surfacing of NE 19 Ave., between NE 163rd St. and NE 171st St. |
| Municipalities | North Miami Beach | Pro-active Hurricane Tree Trimming and Pruning | Future Unfunded Project | wind/wild fire | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | This project involves tree trimming services to properly prune and maintain over 6,000 trees throughout the City of North Miami Beach. Trees are considered part of the City's infrastructure; they require regular hurricane pruning maintenance. The City Forester recommends trimming and/or removing those trees that pose a threat or public danger in the event of a storm such as a hurricane. Trees along drainage canals and designated evacuation routes are of particular importance. The proper pruning and thinning of trees canopy would minimize property and utility damages that would be caused by trees downed during severe storm events. Tree trimming services can be performed by a contractor at an estimated cost of \$150,000 annually. Alternatively, the same services may be accomplished with an annual operating cost of \$60,000, if the City were to purchase a bucket truck, at a cost of \$180,000 and staff it with a two-person crew. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | North Miami Beach | Clean and Improve Drainage Systems | Future Unfunded Project | ,Flood/Storm Surge | N/A | Identified Funding Source | 90,000.00 | 0 | | 2023 | Frequent cleaning and maintenance would improve the capacity and efficiency of the City's stormwater management system that would be required to dispose of large volume of stormwater produced during a severe storm event. These actions would benefit all residents of the City, as well as some areas of neighboring municipalities. The one-time cost to clean all of the City's catch basins is approximately, \$90,000. While installing a new drainage system is approximately \$1 million per 200 properties. |
| Municipalities | North Miami Beach | City of North Miami Beach EOC | Future Unfunded Project | ,Power Failure,Wind | CIP | Identified Funding Source | 50,000.00 | 0 | | 2023 | The City of North Miami Beach EOC is the Divisional EOC for North-eastern Miami-Dade County and serves the following cities: North Miami Beach, Golden Beach, Sunny Isles Beach, Aventura, North Bay Village, Bal Harbour Village, and Miami Gardens. In addition, several utility providers such as, FP&L, ATT, TECO Gas, and others are involved as well. The NMB EOC is responsible for a population of approximately, 180,000 residents. Critical structures under the NMB EOC purview include municipal drinking water supply, wastewater treatment, major corridor highways, railroad, natural gas and chemical plants as well as industrial warehouses. The NMB EOC activates to ensure proper response and recovery in the event of hurricanes, major flooding and other disasters, whether natural or man-made. In order to maintain its duties and to enhance its capabilities, the NMB EOC needs to upgrade its equipment such as computers, monitors, satellite communications, fax machines, printer and other required equipment. |
| Municipalities | North Miami Beach | Remove Australian Pines within City Limits | Future Unfunded Project | wild fire, wind | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | Australian pines have shallow root structures that make the trees susceptible to uprooting in high winds and heavy storms. Removing these trees would mitigate future damages caused by falling trees and help to reduce the amount of debris present after a storm. This project would benefit the City. |
| Municipalities | North Miami Beach | Extend Sanitary Sewer System/Remove Septic Tank Systems | Future Unfunded Project | flood | CIP | Identified Funding Source | 0.00 | 0 | | 2023 | Flooding in areas with septic tank systems poses significant environmental and health risks to the immediate residents and to the community at large because flooded septic systems contaminate both groundwater and surface water. Extending the sanitary sewer system to residents currently utilizing septic systems would benefit approximately 25% of the residents of the City and reduce the chances of ground- and surface-water contamination during a severe storm event. |
| Municipalities | North Miami Beach | GIS Application for Storm Water System | Future Unfunded Project | ,Other | CIP | Identified Funding Source | 0.00 | 72 | | 2015 | This project consists of the implementation of a GIS system for the City's storm water system. |
| Municipalities | North Miami Beach | Storm Water Master Plan | Future Unfunded Project | ,Flood | CIP | Identified Funding Source | 0.00 | 89 | | 2015 | This project consists of preparing a current update to the City's Storm Water Master Plan |
| Municipalities | North Miami Beach | West Dixie Hwy between NE 151 Street and NE 154th Street | Future Unfunded Project | ,Other | CIP | Identified Funding Source | 0.00 | 51 | | 2015 | This project consist of roadway improvements that are cohesive to current drainage enhancements. |
| Municipalities | North Miami Beach | Dead End Eliminations | Funding Secured | ,Flood | CIP | Identified Funding Source | 42,000.00 | 80 | | 2015 | This project consist of eliminations of dead end water mains City-wide. Lopped systems will be constructed to improve the City's water main system. |
| Municipalities | North Miami Beach | Rehabilitation of NE 172 Street Stormwater Pump Station | Project in Planning Stage | ,Flood,Flood/Storm Surge | CIP | Identified Funding Source | 199,250.00 | 88 | 8/25/2016 | 1 year | Rehabilitation of NE 172 Street Stormwater Pump Station. |
| Municipalities | North Miami Beach | Stormwater Master Plan | Project in Planning Stage | ,Flood/Storm Surge,Sea Level Rise | Capital Improvement Project | Identified Funding Source | 400,000.00 | 87 | | FY16-FY20 | The City has hired consultants to access the entire storm system throughout the City's jurisdiction and such study will include the modeling under different storm scenarios. The consulting firm will prepare once the required data is collected and available a Master Plan that will clearly define the problem areas. Some of these areas are already well known and solutions have been implemented or will become part of the CIP plan in the near future. However, the Master Plan will provide a more structured approach to determining the priority of the different conceived projects. |
| Municipalities | North Miami Beach | Clean and Improve the Drainage System | Construction/Project Begun | ,Flood/Storm Surge | Capital Improvement Project | Identified Funding Source | 428,000.00 | 92 | | FY16-FY20 | Cleaning and improving the City's drainage system, including approximately 2,800 catch basins, would help dispose of stormwater and benefit all residents of the municipality, as well as approximately 20 percent of Miami-Dade County. |
| Municipalities | Opa Locka | NW 147th Street Drainage | Future Unfunded Project | ,Flood,Health,Wind,Flood/Storm Surge | | Capital Improvement | 3,698,458.52 | 0 | | unknown | Drainage project along NW 147 Street |
| Municipalities | Opa Locka | 141St Roadway & Drainage Improvements | Future Unfunded Project | ,Flood,Health | | Capital Improvement | 300,000.00 | 0 | | unknown | |
| Municipalities | Palmetto Bay | Canal Bank Erosion Protection | Future Unfunded Project | ,Flood/Storm Surge,Other,Flood | Potential funding from SFWMD | | 2,500,000.00 | 62 | | 2 years or more | Design and construct erosion protection structures and bank stabilization projects along village canals which are vulnerable to bank erosion due to storm surge or inland flooding. This project includes the construction of erosion control structures such as riprap or HDPE geotextile systems, clearing of undesirable debris, trees, predominantly Australian pines and ficus, located in close proximity to canal bank. These trees are prone to falling during a severe windstorm or hurricane causing flow obstructions as well as damage to the canal bank resulting in increased erosion. We must also schedule regular maintenance of Village canals to restore flow. |
| Municipalities | Palmetto Bay | Purchase of Portable Emergency Traffic Lights | Future Unfunded Project | ,Power Failure,Technological Disruption | Unidentified at this time. | | 150,000.00 | 64 | | more than 6 months | Purchase portable solar-powered emergency traffic lights to be used at main intersections throughout the Village of Palmetto Bay, including US 1. |
| Municipalities | Palmetto Bay | Pre-Disaster Employee Response Plan and Training | Future Unfunded Project | ,Flood/Storm Surge,Other | Potential use of Stormwater Utility Revenue | | 100,000.00 | 76 | | less than 6 months | Create an Emergency Management pre-disaster/disaster response plan to ensure the best practices are in place prior to and after a disaster. |
| Municipalities | Palmetto Bay | Public Information and Educational Campaign | Funding Secured | ,Flood/Storm Surge,Sea Level Rise,Power Failure,Wind,Technological Disruption,Health | Stormwater Utility Funding | Funding Secured | 16,500.00 | 83 | | less than 6 months | Develop a "How to" manual specifically for Palmetto Bay citizens. Through the use of grant funds, the Village can develop community disaster education programs to promote awareness of emergencies and educate residents on the appropriate response and necessary preparation when an emergency threatens. This effort should reduce demands on local government and facilitate recovery after the event. This is a key item since both the Village and the County are responsible for various city services. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Palmetto Bay | Drainage Improvements for Sub-Basin # 11 | Project in Planning Stage | ,Flood/Storm Surge | Unidentified funding source | | 890,000.00 | 64 | | > 4 year | Drainage sub-basin # 11 located South of SW 152 ST. North of SW 156 ST, East of US 1, West of SW 89 AVE. The sub-basin consists of approximately 48.3 acres of existing detached single family residential and commercial development. Construct additional catch basins and exfiltration trench at low points in the roadway swales of the sub-basin and connect to drainage wells. |
| Municipalities | Palmetto Bay | Remove Australian Pines within Village Limits along Roadways that Connect to Evacuation Routes | Future Unfunded Project | ,Flood/Storm Surge,Wind | Unidentified funding source | | 125,000.00 | 66 | | < 2 years | The Village has a number of old, deteriorated Australian pines that easily become a hazard during high winds. This project would benefit the Village and mitigate future damages caused by fallen trees and help to reduce the amount of debris present following a high wind or after a major storm event. The removal of these Australian pines requires specialized equipment and skills that the Village Public Works Department does not possess. This project would enable the Village to hire a professional contractor to remove the hazardous Australian pines that are susceptible to uprooting in high winds and heavy storms. |
| Municipalities | Palmetto Bay | Repetitive Loss Retrofit | Funding Secured | Flood/Storm Surge,Wind,Sea Level Rise | Stormwater Utility Revenue | Identified Funding Source | 313,570.00 | 64 | | > than one year | Mitigate and Retrofit Repetitive / Severe Repetitive loss properties on FEMA inventory, to reduce flood and wind related losses. |
| Municipalities | Palmetto Bay | Debris Storage Area | Future Unfunded Project | Other | Unidentified funding source at this time. | | 40,000.00 | 52 | | less than 2 years | Develop/Identify an area for emergency management debris removal and storage, including construction of infrastructure to reach site.This effort should reduce demands on the local government and facilitate recovery after the event. This is a key item since both the Village and the County are responsible for various city services. |
| Municipalities | Palmetto Bay | Purchase Hurricane Preparedness & Debris Clearance Equipment | | Flood,Wind | Project to be removed. | | 282,450.00 | 0 | | project to be removed | Acquire Vacon Drain Truck (\$193,200) and Trash Grabber with 20-Yard dump bed (\$89,250) for hurricane preparedness, debris clearing and regular maintenance. |
| Municipalities | Palmetto Bay | Acquire a High Water Vehicle | Future Unfunded Project | ,Flood/Storm Surge | No funding source identified for this project | | 50,000.00 | 68 | | < 2 years | The village needs a vehicle capable of movement through flooded areas to assist citizens in distress. |
| Municipalities | Palmetto Bay | Hazardous Material Containment | Future Unfunded Project | Health,Flood/Storm Surge,Wind | Unidentified funding source | | 4,000.00 | 63 | | less than 1 year | Purchase cabinets and other containment equipment to house and contain chemicals, oils. fuels. and batteries that may spill and cause polluted run-off during a hurricane. |
| Municipalities | Palmetto Bay | Improvements to Public Works Facility | Future Unfunded Project | ,Flood/Storm Surge,Wind | No grant funding identified for this project | | 125,000.00 | 67 | | less than 1 year | The Village of Palmetto Bay's Public Works Department facility is need of retrofitting improvements to protect from high wind and/or flood damage. Proposed improvements include hurricane impact windows and doors, waterproof walls and elevation of electrical and mechanical utilities that service the building. This will secure the facility for the emergency response team, village employees and equipment at the time of natural disaster events. |
| Municipalities | Palmetto Bay | Street Sweeping Program | Future Unfunded Project | ,Flood/Storm Surge,Other | Stormwater Utility Grant | Identified Funding Source | 50,000.00 | 59 | | < 2 years | In order to minimize blockage of storm drains, the Village will be required to clean the debris from its roadways before it washes into the drain. A street sweeping program will comply wit provisions of the federal mandated Clean Water Act. In addition, street sweeping helps to remove pollutants that potentially can drain into the stormwater system. |
| Municipalities | Palmetto Bay | Canal and Waterway Maintenance | Future Unfunded Project | ,Flood/Storm Surge,Sea Level Rise | Stormwater Utility - Palmetto Bay Stormwater Utility - Miami Dade County SFWMD | Identified Funding Source | 250,000.00 | 60 | | less than 6 months | Clean and maintain including exotic weed control, dredge when and where needed, clear banks of potential debris, and stabilize banks to prevent erosion. Clean canals allow better control of water levels, which greatly improves storm water management and the drainage system. |
| Municipalities | Palmetto Bay | Emergency Portable Stormwater Pumps | Future Unfunded Project | ,Flood/Storm Surge,Sea Level Rise | Unidentified | | 200,000.00 | 69 | | less than 2 years | The easternmost boundary of the Village borders Biscayne Bay for approximately 3.4 miles. There are several low lying areas adjacent to Biscayne Bay that flood during heavy rain events and major storm events. The Village is seeking funds to purchase portable emergency pumps to assist in the discharge of stormwater runoff. These portable stormwater pumps will help prevent repetitive flooding, reduce damages to residential properties, and decrease the number of recurring insurance claims. |
| Municipalities | Palmetto Bay | Drainage Improvements for Sub-Basin # 12 | Project in Planning Stage | ,Flood/Storm Surge | | Unknown/None | 65,000.00 | 70 | | less than 6 months | Drainage sub-basin # 12 located South of SW 168 ST. North of SW 171 ST, East of SW 75 AVE, West of OLD CUTLER RD. The sub-basin consists of approximately 25.3 acres of existing detached single family residential development with approximately 6,600 linear feet of roadway. Construct additional catch basins and exfiltration trench at low points in the roadway swales of the sub-basin and connect to drainage wells. |
| Municipalities | Palmetto Bay | Emergency Warning Phone Call System (Reverse 911) | Future Unfunded Project | ,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Security Breach,Technological Disruption,Wild Fire,Wind,Other | Unidentified funding source | | 100,000.00 | 80 | | less than 2 years | Install a computerized telephone call system to call each phone to indicate emergency operation warnings. The system will notify all Village residents prior to or during an emergency situation.. |
| Municipalities | Palmetto Bay | Flood Zone Data Maintenance: GIS System | 50% complete | ,Flood/Storm Surge,Other | General Funds | Funding Secured | 100,000.00 | 70 | | < 4 year | This project will fund the creation of a GIS system to support several activities of the Village's National Flood Insurance Community Rating System program including mapping, annual outreach and notification, and the maintenance of all flood zone designations and other data for all real property folio numbers within the Village. In addition, the project will integrate Village's data into Miami-Dade County's GIS system tailoring products generated for Village use. The additional information generated by this system will be essential for the preparation of detailed flood mitigation reports and allow users to track conditions by specific property location. This data will then be utilized to clearly identify and designate low lying areas, which will streamline flood prevention efforts when designing new systems and upgrading drainage systems. |
| Municipalities | Palmetto Bay | Drainage Improvements - SW 87 AVE (from SW 168 ST to SW 184 ST) | 50% complete | ,Flood/Storm Surge | Miami-Dade County Stormwater Utility Revenue | Identified Funding Source | 1,500,000.00 | 65 | | > than one year | The drainage system is undersized and its existing drainage system consists of several isolated small exfiltration systems at low points in the roadway. Construct additional catch basins and exfiltration trench at low points in the roadway swales of the sub-basin and connect to drainage wells. |
| Municipalities | Palmetto Bay | Clean Drainage System | Other | Flood/Storm Surge | Stormwter Utility Special Revenue | Identified Funding Source | 125,200.00 | 65 | | annually | Clean and flush all sediment and debris from catch basins, pipe and exfiltration trench. Existing catch basins should be modified or reconstructed as required to provide sediment traps and pollution retardant baffles to protect the french drains and outfalls. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Palmetto Bay | Downtown Redevelopment | 25% complete | Wind,Flood/Storm Surge | County GOB Street Sign Bond General Funds | Grant Awarded | 12,440,000.00 | 43 | | > 1 year | The area known as the Franjo Triangle and Island district, South of SW 168th ST, North of SW 184th ST, East of South Bound US1, and West of SW 94th AVE is in the planning stages of a complete redevelopment including roadway, buildings and infrastructure. The purpose is to create a walkable, livable downtown district that is confined to the current commercial area surrounding US1, to create a sense of community and a sense of place, to expand services to Village residents, to enhance quality of life, and to serve as economic engine for Village and diversify revenue and shift the tax burden from the residential to the commercial sector. |
| Municipalities | Palmetto Bay | Facility Hardening & Roof Replacement for Recreational Building at Coral Reef Park | Future Unfunded Project | ,Flood/Storm Surge,Wind | Potential grant with the Department of Environmental Protection Agency | Grant Applied For | 2,000,000.00 | 77 | | 2017 - 2018 | In addition to providing recreational services to a large number of people on a daily basis, the Recreation Building at Coral Reef Park also serves as a secondary EOC location for the Village of Palmetto Bay. The 2,000 SF structure was built in 1978 and does not currently meet building code requirements for the South Florida area. There have been no significant updates made to the building since it was first constructed. Recent inspections of the facility show that its roof's useful lifetime has been exceeded and requires full replacement. The main structural glue-laminated beam is rotting and, over time, has separated from the supporting structural walls. New wood soffits are also needed and truss connections must be re-strapped. The repairs are extremely critical. The building, as it stands now, is at great risk of caving-in in the event of even a small hurricane. In addition to the roof, the building envelope must be hardened to withstand the impact of heavy storm winds and flying debris. All existing exterior windows and doors must be replaced with hurricane-approved ones, all masonry corners must be reinforced and the electrical and plumbing systems must be upgraded. |
| Municipalities | Palmetto Bay | Swale and Tree Trimming Program | Future Unfunded Project | Flood/Storm Surge,Other,Wind | Potential to obtain funding from an Urban Forestry Grant | Identified Funding Source | 100,000.00 | 64 | | 5-2017 | Develop and Implement a program o trim trees prior to hurricane season and allow for an increase in survivability of the trees and reduce the safety concerns of residents. In addition, proper trimming and pruning would benefit in minimizing damages to utility, building structures, and vehicles as a result of down trees during a severe storm. This initiative will also reduce debris and protect the infrastructure from damage to sidewalks and roads. |
| Municipalities | Pinecrest | Burial of Over-head Power Lines along Arterial Roadway | Future Unfunded Project | Wind | | | 50,000,000.00 | 65 | | > 1 year | Design and construct the burial of all over-head power lines along the municipal arterial roadways. This project would mitigate the potential for loss of power during severe weather events and would enhance the response to areas of the Village during emergencies by limiting obstacles and life-safety issues on critical transportation infrastructure. Power loss in the Village is critical since the majority of residents obtain water from wells which use electricity to power their pumps. |
| Municipalities | Pinecrest | Public Works EOC Facility | Future Unfunded Project | All Hazards | | | 150,000.00 | 60 | | 6 mos to 1 year | The construction of a fully functional EOC facility on the second floor of the existing Public Works Department. Currently, the 2-story building is structurally safe and provides a lunch room and shop on the first floor. However, the 2nd floor is currently unused and not sufficiently equipped to provide electricity, air conditioning or any sleeping accommodations. In the event of a disaster, it is imperative that all Village Public Works Department employees report to duty. Public Works must be operable before, during and immediately after any disaster to provide residents access to streets and deal with other safety issues. |
| Municipalities | Pinecrest | Canal Bank Erosion Protection | Future Unfunded Project | Flood/Storm Surge | | Unknown/None | 100,000.00 | 49 | | less than 6 months | Design and construct erosion protection structures and bank stabilization projects along village canals which are vulnerable to bank erosion due to storm surge or inland flooding. This project includes the removal of undesirable debris, trees, predominantly Australian pines and ficus, located in close proximity to the canal bank. These trees are prone to falling during a severe windstorm or hurricane causing flow obstructions as well as damage to the canal bank resulting in increased erosion. We must also schedule regular maintenance of village canals to restore flow. |
| Municipalities | Pinecrest | Reverse 911 System | Future Unfunded Project | All Hazards | | Unknown/None | 75,000.00 | 68 | | less than 6 months | To purchase a reverse 911 system that would allow the Village of Pinecrest Police Department to provide emergency information to village residents. |
| Municipalities | Pinecrest | Community Disaster Education Program | Future Unfunded Project | All Hazards | | Unknown/None | 30,000.00 | 62 | | 6 mos to 1 year | Develop education materials such as brochures and newsletters, and improve communication with the community through streaming video and radio station improvements to promote emergency preparation awareness and provide information to the residents of the Village of Pinecrest urging them to act proactively in the preparation of properties and structures in the event of a disaster. |
| Municipalities | Pinecrest | Hardening of Coral Pine Park Building | Future Unfunded Project | Wind | | Unknown/None | 50,000.00 | 56 | | 6 mos to 1 year | Add hurricane rated windows, storm shutters, reinforced doors and otherwise harden the renovated building at Coral Pine Park. Construction is scheduled to begin in the fall of 2013. |
| Municipalities | Pinecrest | Development of Neighborhood Response Teams | Future Unfunded Project | All Hazards | | Unknown/None | 30,000.00 | 75 | | less than 6 months | Develop and train Neighborhood Response Teams to increasing community involvement in the Village's damage assessment teams after a storm event. Having volunteers involved in the Windshield Assessment will allow the Village wide assessment to be done more efficiently and will allow the Certified Inspector to focus their attention in areas sustaining substantial structural and electrical damage where structures may have to be tagged as Unsafe for Occupancy. |
| Municipalities | Pinecrest | Purchase of Portable Emergency Traffic Lights | Future Unfunded Project | Power Failure | | Unknown/None | 100,000.00 | 83 | | less than 6 months | Purchase portable solar-powered emergency traffic lights to be used at main intersections throughout the Village of Pinecrest, including US1. |
| Municipalities | Pinecrest | Improvements to Pinecrest GardensMain Entrance Building | Future Unfunded Project | Wind | | Grant Applied For | 75,000.00 | 56 | | 6 mos to 1 year | Installation of hurricane impact windows in the main entrance building of Pinecrest Gardens. This building contains Village offices as well as two multi-purpose rooms. Pinecrest Gardens is historically designated and this building was built in 1954. |
| Municipalities | South Miami | Installation of Hurricane Shutters in City Buildings | Future Unfunded Project | Wind | | (Select) | 100,000.00 | 0 | | unknown | Currently, some of the City's buildings do not have shutters. Installing shutters in these buildings would provide secured facilities for emergency response team, city employees and equipment |
| Municipalities | South Miami | Improvement of the Stormwater Drainage System | Future Unfunded Project | Flood/Storm Surge | | (Select) | 1,075,000.00 | 57 | | Ongoing Yearly project | To upgrade the City's drainage system by implementing engineering design and construction plans preparation needed to retrofit existing positive drain system and construction of new drainage system, in an effort to meet the flood protection responsibilities. The program will also include removal of slit from the canal system and creating needed depth for proper flow |
| Municipalities | South Miami | City-Wide Storn Drainage Clean-out | Project in Planning Stage | ,Flood/Storm Surge | | Funding Secured | 30,000.00 | 15 | | Ongoing Yearly project | The citywide storm drain cleaning is a routine maintenance completed annually. Drains throughout the City and cleaned out to prevent flooding. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | South Miami | Citywide Drainage | Project in Planning Stage | ,Flood/Storm Surge | | Funding Secured | 700,000.00 | 2 | | Ongoing Yearly project | The Stormwater Master Plan (SMP) is a citywide study which provides an evaluation of the current flood protection level of service (LOS) of the existing stormwater infrastructure. Potential flooding areas that require drainage improvements were identified and prioritized in the SMP. Furthermore, the study identifies existing and future operation and maintenance needs. These areas will be addressed in phases, by level of priority, as reported in the SMP. |
| Municipalities | South Miami | Citywide Drainage Improvements, Phase 6 | Construction/Project Begun | ,Flood/Storm Surge | | (Select) | 275,000.00 | 14 | | 1 Year | The scope of work for the proposed storm drainage improvements include providing new drainage inlets and manholes structures, exfiltration trench, grass swales. milling and resurfacing or overlay of existing asphalt roadways, new traffic pavement markings and sidewalk repair. The project limits are SW 59th Avenue from SW 74th Street to SW 80th Street, and SW 74th Terrace from SW 59th Avenue to SW 58th Avenue. |
| Municipalities | South Miami | Sylva Martin Historical Building Hurricane Protection | Funding Applied for | ,Wind | | Grant Applied For | 5,000.00 | 86 | | > than one year | The City of South Miami designated the Sylva Martin building as a historical site and therefore is required to comply with preservation principles. The City is currently restoring the 6 existing nonimpact windows in a HVHZ (High Volacity Hurricane Zone) based on preservation principles. This project includes the purchase and installation of wind protective screens over the six openings in the building. This project will provide impact resistant protection to the restored non-impact windows and will protect against winds up to 175 MPH. |
| Municipalities | Sunny Isles Beach | Heritage Park Rainwater Catchment Systems | Future Unfunded Project | Flood | | Unknown/None | 150,000.00 | 0 | | unknown | The city continues to seek alternative ways of managing rainwater which causes a substantial amount of flooding in the Heritage Park area of the City. The park is located at 19200 Collins Avenue. This project would construct a rainwater catchment system near the Heritage Park parking garage adjacent to the William Lehman Causeway on the southwest corner of the park. Heritage Park has a parking garage which holds approximately 460 vehicles and the runoff creates flooding to the adjacent development. In order to mitigate this issue the city is proposing containing the excess rainwater that would be expelled by the parking garage and contain it to be filtered and used for landscape irrigation and pressure cleaning of the parking garage and sidewalks throughout the park. |
| Municipalities | Sunny Isles Beach | Emergency Pedestrian Bridge | Future Unfunded Project | All Hazards | | Unknown/None | 3,007,000.00 | 0 | | unknown | This project will build a bridge to connect North Bay Road. Once a bridge is built to connect North Bay Road, emergency vehicles will have an alternative and quicker means to access the area. Constructing an emergency pedestrian bridge would also assist with evacuation of the area and provide access to emergency vehicles. Hurricanes pose imminent danger to the residents of this area and providing them with alternative roads would reduce evacuation time and better protect the lives of residents, business owners and visitors. |
| Municipalities | Sunny Isles Beach | Hardening the Government Center Emergency Exit | Future Unfunded Project | Wind | | Unknown/None | 50,000.00 | 0 | | unknown | The emergency exit located on the east side of the building is also an area of potential problems during a severe weather event. A stairwell on the exterior of the building leads from the ground floor directly into the interior with no barrier or emergency door in between. This increases the risk of wind and water damage to the building, as wind and water can be blown from the outside, through the stairwell, and into the interior of the building with no barrier to stop them. |
| Municipalities | Sunny Isles Beach | Relocation and Purchase of Generator at the Government Center | Future Unfunded Project | Flood | | Unknown/None | 150,000.00 | 0 | | unknown | This project would consist of relocating the telecommunication equipment and purchasing a new generator to be installed on the 2nd floor. The area would be properly ventilated and reinforced to support the weight of the unit. A Maintenance and Implementation Plan would be generated to ensure the equipment is functioning properly and ready for use when the threat of a hurricane arises. |
| Municipalities | Sunny Isles Beach | Central Island Drainage ProjectPump Station/Rainwater Catchment System used as an Alternative to Assist with Flooding and Irrigating | Future Unfunded Project | Flood | | Unknown/None | 1,015,000.00 | 0 | | unknown | This project consists of a rainwater catchment system and a permanent pump in a chronically flooded area of the City. This system combines a pump station along with the creation of a rainwater catchment system to irrigate and pressure clean roads and sidewalks. The area to be served by this project is from North Bay Road to Collins Avenue and from NE 174 Street to NE183 Street. The area is mainly residential, with commercial strip shops on Collins Avenue. This project will mitigate flooding and damage to resi-dential and commercial structures, and will conserve and re-use water through the recycling process. |
| Municipalities | Surfside | Generator Relocation | Other | Flood | | | 48,000.00 | 0 | | unknown | In order to maintain vital and essential functions at the town of Surfside' s Town Hall and Public Safety Building after a hurricane or flooding event we are proposing moving the existing 225KVA back-up diesel generator from its present location, where it is vulnerable to the possibility of flooding, to a location several feet above the first floor level of the existing building. The work would entail the construction of a superstructure to support the generator, the construction of a weather proof enclosure built to withstand hurricane force winds with enough room to properly service the equipment. It would also include the demolition of the existing enclosure, the rerouting of the existing diesel fuel lines and electrical conductors. In order to complete the project some of the existing electrical switch gear and associated equipment need be raised several feet in the existing electrical room. |
| Municipalities | Surfside | Install Storm Shutters on the Town Hall | Other | Wind | | | 147,000.00 | 0 | | unknown | The town of Surfside would like to install storm shutters at our Town Hall building which also serves as the Police Department headquarters. The storm shutters would allow the Police Department to remain in the building during Category 1 and 2 storms and possibly even a category 3 storm. This would be a tremendous benefit to the community as the police department would not have to relocate to an off-site facility and would be readily available to respond to emergency calls and provide order maintenance once the storm passes. It should be noted that Town Hall is located one block from the ocean. |
| Municipalities | Surfside | Conduct a Study of Storm Surge Mitigation Measures | Other | Flood/Storm Surge | | | 50,000.00 | 0 | | unknown | The town is subject to the loss of sand from its beaches and has proposed a study to determine if any measures are available to mitigate the effects of storm surges. |
| Municipalities | Surfside | Stormwater Management System Improvements | Other | Flood | | | 0.00 | 0 | | unknown | There are areas of Surfside that flood repeatedly. This project would improve the stormwater management system in those areas to reduce flooding in future disasters. |
| Municipalities | Surfside | Obtain Backup Generators | Other | Power Failure | | | 0.00 | 0 | | unknown | The biggest need for these generators is to provide backup power to two sewer-pumping stations. |
| Municipalities | Surfside | Remove Overhead Utility Lines | Other | Power Failure | | | 0.00 | 0 | | unknown | Burying overhead utility lines would reduce future power outages during disaster and improve the aesthetics of the town. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Municipalities | Sweetwater | Stormwater Improvements Phase IIB North remaining | Project in Planning Stage | ,Flood,Flood/Storm Surge | CDBG and FEMA Grants | Grant Applied For | 620,000.00 | 0 | | December 2016 | Stormwater Improvement Phase IIB North remaining -At this point, approximately 85 percent of the overall Stormwater Improvements Phase IIB North Drainage Project described below in the comments section has been funded and completed. This project is carried out in the following area: between Flagler Street to the North, SW 109th Avenue to the east, SW 4th Street to the south, and SW 112th Avenue to the west. (see attached illustration) |
| Municipalities | Sweetwater | Stormwater Improvements NW 108th Avenue (Phase I) | Funding Applied for | ,Flood,Flood/Storm Surge | FEMA and CDBG | Grant Applied For | 1,628,808.00 | 0 | | 12 months | This project consists of installing a storm drainage system in the northeastern area of the City. It is bounded by NW 25 St to the North, NW 21 St to the South, NW 109 Ave to the West, NW 107 Ave to the East. The project shall include all labor and materials necessary for the installation of a stormwater pump station that will discharge into the canal located North of NW 25 Street. The project will also consist of installing a storm water collection and transmission system including catch basins, junction boxes, stormwater forcemain, sodding, asphalt, pavement and appurtenances. |
| Municipalities | Virginia Gardens | VG - Storm Drain Rehabilitation Project | Future Unfunded Project | ,Flood,Other | state of florida or mdc | | 350,000.00 | 0 | | unknown | Drain lines have been filmed village wide. Numerous roots were identified intruding into joints and need to be removed to ensure proper water flow. |
| Municipalities | Virginia Gardens | VG - Water Net Improvement Project | Future Unfunded Project | Health | n/a | | 300,000.00 | 0 | | unknown | Add new 1450 feet of 8 inch water main with 2 fire hydrants to eliminate a 2 inch galvanized water main and replace meter service lines. |
| Municipalities | Virginia Gardens | VG - Village Hall ADA and Voting Upgrades | Future Unfunded Project | Health,Other | State of Florida | Grant Applied For | 590,000.00 | 0 | | unknown | Upgrade current voting area and council chambers to enhance access for handicap individuals and the general public. |
| Municipalities | Virginia Gardens | VG - 37 street storm water improvements | Future Unfunded Project | ,Flood | State of Florida, fdot | Grant Applied For | 650,000.00 | 0 | | unknown | Add storm water and curb drainage on NW 37 STREET between 62-57 AVE. In addition, mill and overlay roadway adding new striping and ADA cross walks. |
| Municipalities | Virginia Gardens | VG - NW 40 street Stormwater Improvement Project | Funding Secured | Flood | fdot | Grant Awarded | 697,000.00 | 0 | | april 2017 | Purposed request would permit the ability to retain stormwater runoff in the right of way. There would be improvements to the stormwater curb drainage including ADA sidewalks, crosswalks along with repaving of the area. |
| Municipalities | West Miami | Police Department Expansion | Funding Applied for | ,Security Breach,Other | USDA | Grant Applied For | 500,000.00 | 61 | | 2017 | Expansion of the West Miami Police station to provide an EOC room, training, exercise room and internal affairs and interrogation room. Build a second floor over existing structure to provide space for facilities. |
| Municipalities | West Miami | Localized Drainage Projects | Funding Applied for | ,Flood,Flood/Storm Surge,Storm Surge | Storm Water Fund | Identified Funding Source | 500,000.00 | 73 | | less than 6 months | Installation of french drain system to address localized flooding during rain events. The area included in this project has been historically flood-prone for storm events exceeding the 10-year frequency. Drainage improvements from SW 62nd Avenue to SW 57th Avenue and from SW 8th Street to SW 18th Street consisting of construction of storm sewer collection and ex-filtration systems including street and surface restorations. Estimated cost: \$500,000 |
| Municipalities | West Miami | Impact Resistant Windows for City Hall | 50% complete | ,Wind | General Fund | Identified Funding Source | 52,000.00 | 84 | | less than 6 months | The windows and doors currently installed are not impact resistant. The project entails the replacement of a total of 18 existing windows and 2 existing doors (1 storefront and 1 front door) on the West Miami city hall building, with impact resistant windows and doors. Estimated cost: \$52,000 |
| Municipalities | West Miami | Reconstruction /Raising of Public Works Motor Pool Building | Future Unfunded Project | ,Flood/Storm Surge | general Fund | Identified Funding Source | 650,000.00 | 84 | | 12/2015 | This facility floods frequently due to its low finished floor elevation. This flooding occurs for storm events exceeding the 10-year frequency. Demolish a single story CMU/concrete structure (approx. 1900 sq. ft. area) and construction of a one-story CMU/concrete structure with 2000 sq. ft. floor area. The first floor will accommodate vehicle parking, vehicle maintenance bays and toilet rooms, showers, storage and cafeteria to service the existing vehicles from all of the operating divisions of the City and serve as a refuge for the emergency vehicles and equipment in the event of a storm or hurricane. The building will have similar finishes and aesthetics to match the existing administration building. Estimated cost: \$650,000 |
| Other | Miami Beach Community Healthcare | Flood Mitigation- Stanley C. Myers | Future Unfunded Project | ,Flood,Flood/Storm Surge,Power Failure,Health,Sea Level Rise,Storm Surge | Potential | Identified Funding Source | 200,000.00 | 95 | | 6 months | Add flood gates and other flood protection to building. |
| Other | Miami Beach Community Healthcare | Flood Mitigation-Beverly Press Site | Future Unfunded Project | ,Flood,Flood/Storm Surge,Health,Power Failure,Sea Level Rise,Storm Surge | Potential | Identified Funding Source | 200,000.00 | 97 | | 6 months | Add flood gates and other flood protection to building. |
| Other | Miami Beach Community Healthcare | Roof hardening for Beverly Press Center | Future Unfunded Project | ,Health,Wind | Potential | Identified Funding Source | 250,000.00 | 93 | | 6 months | To harden the roof structure against wind hazards at Beverly Press Community Health Center |
| Other | Miami Beach Community Healthcare | Drainage Project at Stanley C. Myers | Future Unfunded Project | ,Flood,Flood/Storm Surge,Wind | Potential | Identified Funding Source | 50,000.00 | 98 | | 6 months | The project will secure drainage against natural hazards |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Other | Miami Beach Community Healthcare | Stanley C. Myers Clinic Hardening | Future Unfunded Project | ,Flood,Flood/Storm Surge,Health,Sea Level Rise,Storm Surge,Wind | Capital Fund Emergency/ Natural Disaster Funding,CDBG Community Development Block Grants/ State's Program,HMGP Hazard Mitigation Grant Program,Public Assistance Program,Pre-Disaster Funding Programs | Identified Funding Source | 1,000,000.00 | 94 | | 12 months | The project will harden the exterior structure of a busy community healthcare provider, addressing hazard protection for the public. The existing walls of the building must be reinforced to resist flood loads. |
| Other | Miami Beach Community Healthcare | Roofing Project SCM | Future Unfunded Project | Wind,Health,Technological Disruption | Capital Fund Emergency/ Natural Disaster Funding,CDBG Community Development Block Grants/ State's Program,HMGP Hazard Mitigation Grant Program,Public Assistance Program,Pre-Disaster Funding Programs | Identified Funding Source | 350,000.00 | 95 | | 6 months | The Stanley C. Meyers Center existing roof is more than 15 years in age. Heavy rain or a tropical storm could cause severe damage to our patient common areas, staff work stations and medical equipment if the roof is damaged. |
| Other | Miami Beach Community Healthcare | Install Generator Platform | Future Unfunded Project | Storm Surge,Power Failure,Technological Disruption | | Unknown/None | 100,000.00 | 94 | | 12 months | The Stanley C. Meyers Center is in need of a redundant emergency power source and the platform to house it. The platform is needed in case of storm, disaster or power outage. |
| Universities Colleges | Florida International University | CRISP Type 2: Organizing Decentralized Resilience in Critical Interdependent-Infrastructure Systems and Processes (ORDER-CRISP) | Funding Applied for | ,Wind,Flood/Storm Surge | NSF Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP) | Grant Applied For | 0.00 | 96 | 2/24/2016 | 01/01/2017-12/31/2020 | Our mission is generating integrated and transformative scholarship, information, tools and techniques to support our overarching goals: (i) to promote cascade-proofing mechanisms in the interdependent infrastructure systems and processes used by coastal communities, and (ii) facilitate decentralized resilience by enabling citizens to participate and contribute to that resiliency. Our proposed research is truly interdisciplinary and the individual components are well integrated as they tie quantitative (computational, engineering-based and socio-economic) analyses with active community engagement. Our proposed comparative framework (Miami and Houston) include a number of interdisciplinary research components: (i) analyzing the physical aspects of coastal vulnerability (through storm surge, freshwater flood and wind risk modeling) on interdependent infrastructures (cascading effects on electricity, water, transportation and communication); (ii) analyzing social dynamics of risk averting behavior through agent based modeling and micro simulation of evolving processes of decentralized resilience through sharing critical resources and information; (iii) a macro-interdependency model integrating the household and social responses with interdependent infrastructure systems and processes under extreme events; (iv) policy simulation for facilitating adaptive learning and enhancing decentralized resilience under a wide range of scenarios; and geo-spatial and visual analytics with data meshing to better communicate interdependent infrastructure failures and evolving path of decentralized resilience; (v) build a prototype mobile phone application to promote crowd-sourced participatory resilience. |
| Universities Colleges | Florida International University | Harden Academic II Building | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 750,000.00 | 68 | | unknown | The Academic II Building on the Biscayne Bay campus necessitates hardening of its external envelope including all windows, doors and other openings. Additionally roof mounted equipment will be better secured. While full student evacuation occurs at a Category 2 or higher hurricane, the building structure still requires overall hardening to minimize displacement and critical asset losses. Reinforcing vulnerable areas of the structure will assist FIU in better protecting students, reducing potential losses and assuring a swift recovery |
| Universities Colleges | Florida International University | Harden Health and Life Sciences (HLS) Building I | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 625,000.00 | 68 | | unknown | The HLS building serves as one of the principal laboratories for medical research for the new FIU medical school program on the Modesto Maidique campus. Though constructed to meet current building code, the facility has vulnerable roof top equipment including fume hood stacks that extend horizontally up 25 feet that require enhanced safeguarding. In addition, FA intakes and MECH air handlers on the main roof are in need of a protective enclosure. The emergency backup power for the facility is a generator unit that sits unprotected at ground level and needs to be elevated & enclosed. In addition the associated fuel tanks also require an enclosure. Combined this will ensure continuity of operations during and following a high wind or other disaster event. By hardening the HLS building, the vital medical research being conducted daily will be safeguarded and the new FIU medical program better secured. |
| Universities Colleges | Florida International University | Harden Academic One (ACI) Building | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 750,000.00 | 68 | | unknown | The Academic One building on the Biscayne Bay campus requires strengthening of its external envelope including all windows, doors and other openings. In addition roof mounted equipment will be better secured and other external protective measures undertaken. While full student evacuation occurs at a Category 2 or higher hurricane, the building structure still requires overall hardening to minimize displacement and critical asset losses. Reinforcing vulnerable areas of the structure will assist FIU in better protecting students, reducing potential losses and assuring a swift recovery. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Universities Colleges | Florida International University | Harden Primera Casa/Charles Perry (01 PC) Building | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 250,000.00 | 68 | | unknown | The Primera Casa/Charles Perry building on the Modesto Maidique campus houses the main administrative offices, the University's datacenter and many classrooms. As such, the building demands enhanced protection of the structural envelop including hardened glazing on the storefront and other external protective measures. Additionally the building houses multiple laboratories which require proper ventilation equipment in the form of roof mounted fume hood stacks and other critical mechanical equipment; all of which necessitates hardening. Additionally other roof mounted equipment will be better secured. Hardening the 01 PC building will ensure the safety and security of all occupants and the protection of essential property, records and other important assets. |
| Universities Colleges | Florida International University | Harden Wolfsonian Museum | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 535,000.00 | 68 | | unknown | The Wolfsonian Museum is located on Miami Beach in close proximity to the Atlantic Ocean. The facility houses a priceless art collection of design objects from the early 1900's and is housed in facilities from the same historic era as its artifacts. As such, the facility is in urgent need of fortification to ensure the preservation of both its invaluable contents and protection of its historic structures. Specifically, all windows, doors & other openings will be hardened. Hardening the Wolfsonian Museum will ensure the security and protection of precious artwork and other essential assets. |
| Universities Colleges | Florida International University | Harden the Wolfe University Center | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 950,000.00 | 68 | | unknown | The Wolfe University Center on the Biscayne Bay campus needs to harden its external envelope including all windows, doors and other openings. Additionally roof mounted equipment will be better secured. While full student evacuation occurs at a Category 2 or higher hurricane, the building structure still requires overall hardening to minimize displacement and critical asset losses. Reinforcing vulnerable areas of the structure will assist FIU in better protecting students, reducing potential losses and assuring a swift recovery. |
| Universities Colleges | Florida International University | Harden Viertes Haus Building | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 750,000.00 | 68 | | unknown | The Viertes Haus Building on the Modesto Maidique campus requires overall fortification of its external envelope including all windows, doors and other openings. Additionally roof mounted equipment will be better secured. While full student evacuation occurs at a Category 2 or higher hurricane, the building structure still requires overall hardening to minimize displacement and critical asset losses. Reinforcing vulnerable areas of the structure will assist FIU in better protecting students, reducing potential losses and assuring a swift recovery. |
| Universities Colleges | Florida International University | Harden Health and Life Sciences (HLS) II | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 500,000.00 | 68 | | unknown | The HLS II building serves as one of the key laboratories for medical research for the new FIU medical school program on the Modesto Maidique campus. Though constructed to meet current building code, the facility has vulnerable roof top equipment including fume hood stacks that extend horizontally up 25 feet that require enhanced safeguarding. In addition, FA intakes and MECH air handlers on the main roof are in need of a protective enclosure. The emergency backup power for the facility is a generator unit that sits unprotected at ground level and needs to be elevated & enclosed. In addition the associated fuel tanks also require an enclosure. Combined this will ensure continuity of operations during and following a high wind or other disaster event. By hardening the HLS building, the vital medical research being conducted daily will be safeguarded and the new FIU medical program secured. |
| Universities Colleges | Florida International University | Harden Graham University Center | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 3,750,000.00 | 68 | | unknown | The Graham University Center building on the Modesto Maidique campus necessitates overall structural hardening including the fortification of the building frame assembly, windows, doors, other openings and roofing system. Additionally roof mounted equipment will be better secured and other external protective measures undertaken. The Graham Center also serves as the backup shelter for Monroe County residents, and as such, demands additional strengthening. Hardening the Graham University Center will ensure the safety and security of all occupants and the protection of essential property and other important assets. |
| Universities Colleges | Florida International University | Harden Chemistry and Physics Building | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 1,000,000.00 | 68 | | unknown | The Chemistry & Physics building on the Modesto Maidique campus requires hardening of its external envelop including all windows, doors, other openings and roof assemblies. Further, the building needs to enclose the roof at the ends of the structure to better reduce wind loads over a roofed over internal courtyard. In addition, the facility houses multiple research and teaching laboratories which require proper ventilation equipment in the form of approximately twelve existing roof mounted fume hood stacks and other critical mechanical equipment; all of which necessitates hardening. Additionally other roof mounted equipment will be better secured and added external protective measures undertaken. Finally, the building's supporting emergency generator and the MECH air handlers at the main roof requires a re-routing of the air intake to avoid the potential for electrical shorts by water infiltration. Chemistry and Physics houses all of the primary chemistry instructional labs, as well as the chemistry department's stockroom. |
| Universities Colleges | Florida International University | Harden Engineering and Computer Science Building | Future Unfunded Project | Wind | HMGP | Funding Secured | 1,600,000.00 | 68 | | unknown | The Engineering and Computer Science building on the Modesto Maidique campus requires hardening of its external envelop including all windows, doors, other openings and roof. In addition, the structure houses multiple research and teaching laboratories which require proper ventilation equipment in the form of roof mounted fume hood stacks and other critical mechanical equipment; all of which necessitates hardening. Additionally other roof mounted equipment will be better secured and added external protective measures undertaken. Finally the facility has a vulnerable emergency power back up system. The generator sits unprotected at ground level and needs to be elevated and enclosed. The associated fuel tanks also require a protective enclosure. Both projects will ensure continuity of operations during and following a high wind or other disaster event. ECS houses numerous computer science research activities, networking projects, the computer science department and college of arts and sciences. The facility also supports numerous marine biology research labs, which contribute to the survival and understanding of South Florida's ecological system. The support of this facility is critical to the academics of the university, as well as the future members of information technology fields. |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Universities Colleges | Florida International University | Harden Owa Ehan Building | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 250,000.00 | 68 | | unknown | The Owa Ehan building on the Modesto Maidique campus requires hardening of its external envelop including all windows, doors & other openings. In addition, the structure houses multiple research and teaching laboratories which require proper ventilation equipment in the form of roof mounted fume hood stacks and other critical mechanical equipment; all of which necessitates hardening. Additionally other roof mounted equipment will be better secured and added external protective measures undertaken. The facility supports numerous marine biology research labs, which contribute to the survival and understanding of South Florida's ecological system. Hardening the Owa Ehan building will ensure the safety and security of all occupants and the protection of essential property and other important assets. |
| Universities Colleges | Florida International University | Harden Wolfsonian Annex | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 975,000.00 | 68 | | unknown | The Wolfsonian Annex is located on Miami Beach in close proximity to the Atlantic Ocean. The facility houses a priceless art collection of design objects from the early 1900's and is housed in facilities from the same historic era as its artifacts. As such, the facility is in urgent need of fortification to ensure the preservation of both its invaluable contents and protection of its historic structures. Specifically, all windows, doors & other openings will be hardened. Hardening the Wolfsonian Annex will ensure the security and protection of precious artwork and other essential assets. |
| Universities Colleges | Miami Dade College | MDC-West Administrative Bldg | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 97,500.00 | 82 | | unknown | Administrative offices, instructional spaces, offices, and food service are housed in the building. The building is the hub of the instructional and administrative activities for this campus in the area. Windstorm mitigation of this facility will assure quicker recovery of services provided. Install protective hurricane (permanent type) screens or other hurricane protection on windows. Design, specify and install impact resistant hurricane screens or other hurricane protection for Miami Dade College West Campus |
| Universities Colleges | Miami Dade College | Wolfson Campus, Bldg 1000 BASEMENT-FLOOD PROTECTION | Future Unfunded Project | Flood/Storm Surge | HMGP | Identified Funding Source | 195,000.00 | 77 | | unknown | The basement of building 1000 is below street level and is subject to flooding. Located in the basement is the main (central) chiller equipment for buildings 1000, 2000, 3000, and 4000. The main electrical systems and generator are also located in the basement. The Wolfson maintenance department, work order system and storage are in this basement. District and Campus administrative offices are housed in this building. If flooding occurs in this basement, vital infrastructure will suffer causing a shutdown of most of Miami Dade College Wolfson Campus. Install the backup pump to relieve the basement of flooding and damage to the equipment. In the case of a major flooding event, this pump will facilitate recovery of this campus and mitigate associated costs. Design, specify and install a water pump at Miami Dade College Wolfson Campus Building 1000 basement. The job will include all necessary equipment, electrical, and mechanical needs. |
| Universities Colleges | Miami Dade College | Wolfson Campus, Bldg 5000 HURRICANE PROTECTION | Future Unfunded Project | Flood/Storm Surge | HMGP | Identified Funding Source | 637,000.00 | 77 | | unknown | The New World School of the Arts building is home to Miami Dade College, Miami Dade Public School and University of Florida students studying the arts. Dance and art studios, a performing arts theater, administrative offices, support services, and instructional rooms are housed in Building 5000. The building has many large glass windows and doors, including one elevation with glass block, that are currently unprotected. MDC will protect the glass windows, doors, and sheer wall in vulnerable areas around the building. Installation of windstorm damage protection will mitigate hurricane and tornado damage and ensure that the campus infrastructure is able to weather a disaster. |
| Universities Colleges | Miami Dade College | Wolfson Campus, Bldg 1000 HURRICANE PROTECTION | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 3,120,000.00 | 78 | | unknown | The District and campus administrative offices, support services and instructional rooms are housed in the building. The main electrical systems and generator are also located in the building. The Wolfson maintenance department, work order system and storage are in the basement of this building. District and campus administrative offices are housed in this building. If windstorm damage occurs, vital infrastructure will suffer causing a shutdown of most of Miami Dade College Wolfson Campus. Installing windstorm damage protection will mitigate damage and facilitate recovery. The building is the hub of the instructional and administrative activities for this center and other satellite centers in the area. Windstorm mitigation of this facility will assure quicker recovery of services provided. Install protective hurricane impact resistant glass on all windows, storefronts, and skylight designed to protect against wind and flying debris damage. Design, specify and install impact resistant sliding glass doors or other hurricane protection for Miami Dade College Wolfson Campus Building 1000 windows and fourth floor sliding glass doors. |
| Universities Colleges | Miami Dade College | Kendall Campus, bldg 7000 | Future Unfunded Project | Wind | HMGP | Identified Funding Source | 273,000.00 | 78 | | unknown | This project involves hurricane resistant wind retrofit measures for wind protection, including the removal of existing non-code compliant hurricane shutters and replacement with code-compliant aluminum accordion shutters and impact glass. The project will install impact glass and hurricane shutters on windows and doors at Miami Dade College Kendall Campus Building 7000. The building houses administrative offices, student services, and classrooms. The activity will protect the College from property damage. |
| Universities Colleges | Miami Dade College | Entrepreneurial Edu Cntr, bldg 1000 | Funding Applied for | Wind | HMGP | Grant Applied For | 148,720.00 | 80 | | unknown | Installation of hurricane shutters/window screen protection on the two floors of the Entrepreneurial Education Center Building 1000. The Miami Dade College Entrepreneurial Education Center Classroom Building has many large glass windows and doors that are currently unprotected. MDC will protect the glass windows and doors in vulnerable areas around the building. The building houses instructional spaces, food services, and student services. The main electrical systems, chiller plant, and generator are also housed in this building. If windstorm damage occurs, vital infrastructure will suffer, and the damage will cause a shutdown of the campus. Installation of windstorm damage protection will mitigate hurricane and tornado damage and ensure that the campus infrastructure is able to weather a disaster. |
| Universities Colleges | Miami Dade College | Kendall Campus, bldg 100 | Funding Applied for | Wind | State of Florida Hazard Mitigation Grant Program (potential) | Grant Applied For | 433,485.00 | 80 | | unknown | This project involves hurricane resistant wind retrofit measures for wind protection. The proposed activity will mitigate wind damage to Miami Dade College's Kendall Campus Building 100, which has many large windows and doors that are currently unprotected. The building houses instructional spaces, administrative offices, and student services. If windstorm damage occurs, vital infrastructure will suffer, and damage will cause a shutdown of the building. Installation of windstorm damage protection will mitigate hurricane and tornado damage and ensure that the infrastructure is able to weather a disaster |

| Agency Type | Agency | ProjectTitle | Status | Hazards | Potential Funding Source | Funding Source | Estimated Costs | BCR | New Projects Date Added | Completion Timeframe | Project Description |
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| Universities Colleges | St. Thomas University | Shuttering and Windstorm Protection of the Main Library | Future Unfunded Project | Wind | No funding source has been determined at this moment. | | 364,000.00 | 0 | | unknown | St. Thomas University's main library is a two-story masonry/metal building with windows on all sides on both stories which are not hurricane-resistant. The library houses the collection of more than 400,000 volumes, the Archbishop John C. Favalora Archive and Museum containing the history of the Archdiocese of Miami, and the archives of the University. It also contains the offices of the President of the University and the Vice President for Advancement, Marketing and Communications, which is responsible for fundraising for the university and contains all donor records. The library houses five computer laboratories containing a total of more than 200 computers and the Jorge Sardinas Art Gallery which contains the University's permanent collection and the current collection on loan, from a prominent artist, at any given time. We propose to install a total of 128 fixed or egress hurricane screens to protect all openings. The screens are Energy Star Rated, comply with Florida fire codes and meet or exceed Miami-Dade building and hurricane specifications. These fixed screens also serve as solar screens and will save money on utility bills. They will also save money on man power, as maintenance personnel will have more time to prepare the University for the storm. |
| Universities Colleges | St. Thomas University | Shuttering and Windstorm Protection of the Law School | Future Unfunded Project | Wind | No funding source has been determined at this time. | | 389,635.00 | 0 | | unknown | The CARVER model was used to establish weighted scores for critical buildings and infrastructure, as part of St. Thomas University's Vulnerability Assessment*. The Law School building and its adjoining Library tied for #1 with another building as being the most critical to the university's operations. The building has neither shutters nor impact resistant glass windows/doors and it is a building complex that is critical to university operations (e.g., conduct of law school classes in accordance with American Bar Association guidelines). Shuttering, and Windstorm Protection initiative aims to: (a) protect every facility in the county, and (b) the protection of this critical building and its contents helps assure a faster return to normal operations. |
| Universities Colleges | St. Thomas University | Electric Power redundancy | Future Unfunded Project | Power Failure | No funding source determined at this time. | | 300,000.00 | 0 | | unknown | Electric power redundancy is identified as a critical node in the Vulnerability Assessment (VA)* conducted in April, 2010 (* VA funded by a U.S. Department of Education Emergency Management in Higher Education grant and prepared by The O'Gara Group in April, 2010):Presently, the university has a single power feed, which serves as the rationale for creating a redundant power feed for the campus. The Vulnerability Assessment specifically suggests configuring in redundant routing paths to enhance the reliability of service. FPL has advised that the installation of an automatic transfer switch will require \$300,000. Like The City of Miami Gardens' Project 8: Burial of Power Lines, this mitigation action will assure a faster return to normal operations. |
| Universities Colleges | University of Miami | U of Miami Eaton Hall | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 8,000,000.00 | 70 | | Unknown | Wind Mitigation, storm surge and power |
| Universities Colleges | University of Miami | U of Miami Mahoney-Pearson | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 10,000,000.00 | 72 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Stanford Towers | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 10,000,000.00 | 72 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Architecture 48 and 49 | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 76 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Weeks Building | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 75 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Volpe Building | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 75 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Fillmore Building | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 75 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Law C and E Buildings | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 75 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Panhellenic Building | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 75 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Ferre Building | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 74 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami McArthur Annex | Future Unfunded Project | Multiple | Capital improvement | Identified Funding Source | 500,000.00 | 75 | | Unknown | Wind Mitigation and storm surge |
| Universities Colleges | University of Miami | U of Miami Marine Campus Auditorium | Future Unfunded Project | Other, Wind | Capital improvement | Identified Funding Source | 750,000.00 | 78 | | Unknown | Wind Mitigation and roof tie downs |
| Universities Colleges | University of Miami | U of Miami Sewell Building | Future Unfunded Project | Wind | Capital project | Identified Funding Source | 1,000,000.00 | 75 | | unknown | Wind Mitigation and roof tie downs |
| Universities Colleges | University of Miami | U of Miami Medical Campus CEP | Future Unfunded Project | Storm Surge | Capital improvement | Identified Funding Source | 1,700,000.00 | 92 | | Unknown | Storm surge |
| Universities Colleges | University of Miami | U of Miami Medical Campus CEP | Future Unfunded Project | Wind | Capital improvement | Identified Funding Source | 2,000,000.00 | 93 | | Unknown | Wind Mitigation |
| Universities Colleges | University of Miami | U of Miami Smathers Wellness Center | Future Unfunded Project | Power Failure | Capital improvement | Identified Funding Source | 1,000,000.00 | 76 | | Unknown | Elevate critical equipment |
| Universities Colleges | University of Miami | U of Miami Hospital Hardening | Future Unfunded Project | Storm Surge | Capital improvement | Identified Funding Source | 4,000,000.00 | 94 | | Unknown | Elevate critical equipment |
| Universities Colleges | University of Miami | U of Miami Hospital Hardening | Future Unfunded Project | Power Failure | Capital improvement | Identified Funding Source | 4,000,000.00 | 85 | | Unknown | Connect to chill water loop from CEP |
| Universities Colleges | University of Miami | U of Miami Hospital Hardening | Future Unfunded Project | Power Failure | Capital improvement | Identified Funding Source | 4,000,000.00 | 95 | | Unknown | Emergency power connection to CEP |
| Universities Colleges | University of Miami | Uof Miami SCCC | Future Unfunded Project | Wind | Capital improvement | Identified Funding Source | 3,000,000.00 | 93 | | Unknown | Wind Mitigation and roof tie downs |