



EXHIBIT "A"

STATE OF FLORIDA
DIVISION OF EMERGENCY MANAGEMENT

RICK SCOTT
Governor

BRYAN W. KOON
Director

May 5, 2015

Ms. Cathie Perkins
Miami-Dade County Local Mitigation Strategy Chair
9300 Northwest 41st Street
Miami, Florida 33178

Re: Miami-Dade County Local Hazard Mitigation Plan Approved Pending Adoption

Dear Ms. Perkins:

This is to confirm that we have completed a State review of the Miami-Dade County Local Mitigation Strategy (LMS) update for compliance with the federal hazard mitigation planning standards contained in 44 CFR 201/6(b)-(d). Based on our review and comments, Miami-Dade County developed and submitted all the necessary plan revisions and our staff has reviewed and approved these revisions. We have determined that the Miami-Dade County LMS plan is compliant with federal standards, subject to formal community adoption, for the jurisdictions below:

Miami-Dade County

Upon submittal of a copy of all participating jurisdictions' documentation of their adoption resolutions to our office, we will send all necessary documentation to the Federal Emergency Management Agency (FEMA) who will issue formal approval of the Miami-Dade County LMS.

If you have any questions regarding this matter, please contact David M. Block at 850-413-9959 or david.block@em.myflorida.com.

Respectfully,

Miles E. Anderson,
Bureau Chief, Mitigation
State Hazard Mitigation Officer

MEA/dmb

Attachments: MEMORADUM: State approval of LMS plans under Program Administration by States (PAS)

Local Mitigation Strategy



Whole Community Hazard Mitigation Part I: The Strategy



April 2015

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City of Coral Gables Comprehensive Emergency Management Plan, Annex I, Mitigation	October 2009
Annex I, Mitigation	
<p>Section B: Coral Gables Mitigation Programs and Department Responsibilities Note: Details and further information is contained in the Miami-Dade County Local Mitigation Strategy. (Page 3.) Section B: Coral Gables Mitigation Programs and Department Responsibilities 7. Mitigation Projects Completed.</p> <ul style="list-style-type: none"> • The City’s Local Mitigation Strategy identifies mitigation projects that have been completed and provides a list of future projects to be implemented as funding becomes available. (Page 6.) 	
Public Safety Element	
<p>Objective SAF-2.2: Assure that future development or redevelopment maintains or reduces hurricane evacuation times. The City establishes an out-of-county hurricane evacuation time for a category 5 hurricane of 16 hours. Mitigation is permitted to achieve and maintain these standards.</p> <p>Policy SAF-2.3.2: Annually incorporate recommendations of interagency hazard mitigation into the Comprehensive Plan and Post-Disaster Redevelopment Plan. The redevelopment plan shall identify areas which may warrant post-disaster redevelopment, including elimination of unsafe conditions and inappropriate land uses, and limitation of redevelopment in areas of likely repeated damage.</p>	

Cutler Bay

The Town of Cutler Bay passed Resolution No. 14-55 for adoption of the 2010 Miami-Dade County Local Mitigation Strategy; authorizing the Town Manager to identify and prioritize hazard mitigation grant program projects to become a part of the Local and Statewide hazard mitigation strategy.

In addition the Town of Cutler Bay has integrated mitigation locally through the following plans:

Town of Cutler Bay Growth Management Plan
Future Land Use Element
<p>Policy FLU-8C: Policy FLU-8C: New schools will Policy FLU-8C: minimize negative impacts on surrounding areas through site location, configuration, access and development. Conversely, new development and redevelopment shall minimize and/or mitigate negative impacts on existing school facilities.</p> <p>Policy FLU-9M: Policy FLU-9M: The Town shall Policy FLU-9M: require developers to identify and mitigate constraints based on soils, topography, and floodplains.</p> <p>Policy FLU-11E: as appropriate and feasible, shall encourage the elimination or reduction of uses that are incompatible with hazard mitigation goals and interagency hazard mitigation report recommendations.</p>
Housing Element
<p>Monitoring Measures H2-1:</p> <ol style="list-style-type: none"> 1. Land Development Regulations that mitigate regulatory barriers or provide incentives for the provision of a variety of housing types. 2. Number of cost burdened households by income, age, and special needs group and tenure 3. Housing costs
Coastal Management Element
<p>Policy CM-3C: Town will establish development standards in the Land Development Regulations for siting future water-related uses that address land use compatibility, availability of upland support services, existing protective status of ownership, hurricane contingency planning, protection of water quality, water depth, environmental disruptions, mitigation actions, availability for public use, economic need, and feasibility</p>

Town of Cutler Bay Growth Management Plan

Objective CM-4: Through compliance with Federal Emergency Management Agency (FEMA) regulations and by targeting repetitive flood loss and vulnerable properties for mitigation, the Town will reduce natural hazard impacts.

Objective CM-7: The Town will coordinate with the Miami-Dade County Office of Emergency Management (OEM) to develop and implement post-disaster redevelopment and hazard mitigation plans that reduce or eliminate exposure of life and property to natural hazards towards the protection of health, safety, and welfare.

Policy CM-7A: inconsistencies are found with the policies under this objective and the post disaster redevelopment and hazard mitigation plans of the Miami-Dade County Office of Emergency Management (OEM), the Town will notify and coordinate with OEM.

Policy CM-7D: Recovery Task Force shall review and decide upon emergency building permits; coordinate with Miami-Dade County, state and federal officials to prepare disaster assistance applications; analyze and recommend to the Town Council hazard mitigation options including reconstruction or relocation of damaged public facilities; develop a redevelopment plan; and recommend amendments to the Growth Management Plan and other appropriate policies and procedures.

Objective CM-8: The Town will reduce the exposure of life and property to hurricanes through the planning and implementation of pre-disaster hazard mitigation measures. Pre-disaster planning for post-disaster redevelopment shall direct population concentrations away from the undeveloped identified high-risk areas during post-disaster redevelopment.

Policy CM-8C: During pre-disaster planning, hazard mitigation proposals shall be developed by the Town in conjunction with other agencies and, where appropriate, included in the Town's Emergency Response Plan or the Growth Management Plan.

Policy CM-8D: Town locates facilities, the Town shall determine the feasibility and necessity of relocating public buildings away from high-risk areas. The Town shall develop a formal process and guidelines for evaluation alternative to the replacement or repair of public facilities damaged by hurricanes such as abandonment, relocation, or repair and reconstruction with structural modifications. The costs; environmental impacts; mitigative effects; community impacts; economic development issues; employment effects; legal issues; consistency with local, regional and state plans; time period for implementation; and availability of funds should be evaluated for each alternative.

Objective CM-9: During post-disaster recovery and redevelopment, the Town shall implement its Emergency Response Plan (ERP) and applicable Growth Management Plan policies and assist hurricane damaged areas with recovery and hazard mitigation measures that reduce the potential for future loss of life and property.

Policy CM-9D: The Town will Policy CM-9D: enforce applicable recommendations of post-disaster hazard mitigation plans required under Section 406 of the Disaster Relief Act of 1974.

Conservation Element

Policy C-6A: Wetlands that are to be Policy C-6A: protected will be identified based on the type of wetland, function, size, conditions, location, and overall resource value. The wetlands shall be used for purpose that are compatible with their natural values and functions, and Land Development Regulations shall be adopted to provide these areas with the maximum feasible protection, by using such tools as compensatory wetland mitigation and dedication of conservation easements for preserving open space. All development with the potential to impact wetland areas shall be consistent with South Florida Water Management District (SFWMD) regulations. Activities in wetland areas may be permitted provided all applicable local, regional, state and federal external environmental agency permits have been obtained and one of the following standards is satisfied:

1. Such an activity is necessary to prevent or eliminate a public hazard;
2. Such an activity would provide direct public benefit, which would exceed those lost as a result of the modification;
3. Such an activity is proposed for habitats in which the functions and values currently provided are significantly less than those typically associated with such habitats and cannot be reasonably restored;
4. Because of the unique geometry of the site, it is the unavoidable consequence of development for uses that are appropriate given site characteristics

Local Mitigation Strategy



Whole Community Hazard Mitigation Part 2: The Projects



March 2015

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Jurisdiction	Agency Responsible	Project Title	Project Description	Hazards	Identified Funding Source	Potential Grant Source	Estimated Costs	BCR	New Projects Date Added	Status	Completion Timeframe
Coral Gables	Coral Gables	Fire Station 2 Mitigation	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).	Wind	Capital Improvement	,HMGP Hazard Mitigation Grant Program	280,000.00	78	10/30/2014	Future Unfunded Project	July 2016
Coral Gables	Coral Gables	Historical City Hall Hurricane Shutters	Install permanent hurricane window screens to minimize future lossess from high wind	Wind	Unknown/None	Post-Disaster Funding Programs	80,000.00	47		Future Unfunded Project	Unknown
Coral Gables	Coral Gables	Metal Freestanding Traffic Safety Signs & Trailer	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.	Multiple	Unknown/None	Post-Disaster Funding Programs	30,000.00	78		Future Unfunded Project	Unknown
Coral Gables	Coral Gables	Storm Water Outfalls	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	Flood/Storm Surge	Unknown/None	Post-Disaster Funding Programs	500,000.00	78		Future Unfunded Project	September 2016
Cutler Bay	Cutler Bay	Canal Bank Erosion Protection	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.	Flood/Storm Surge	Grant Applied For	Mitigation Grant	350,000.00	93		Funding Applied for	Unknown
Cutler Bay	Cutler Bay	Canal Cleaning and Shaping Town wide	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.	Flood	Other Internal Funding	Not Applicable	750,000.00	82		Construction/Project Begun	Unknown
Cutler Bay	Cutler Bay	Caribbean Boulevard Bridge Project	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.	,Flood,Health,Sea Level Rise,Storm Surge	Other Internal Funding	Not Applicable	3,000,000.00	95	11/14/2014	Project in Planning Stage	2015
Cutler Bay	Cutler Bay	Caribbean Boulevard JPA Project and Gap 1	This project goals include maintaining a 2 lane road with designated turn lanes. The addition of traffic calming measures, traffic circles, crosswalks. It was also designed to eliminate driveway ponding, and rutted swales. Additional safety and aesthetic components were added: Curbing, Landscaping, Lighting, Bus shelters.	,Other,Flood	Other Internal Funding	Not Applicable	11,173,054.00	88	11/14/2014	Construction/Project Begun	2015
Cutler Bay	Cutler Bay	Community Emergency Response Teams (CERT)	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 safely, securing utilities, and other hazards, and some rescue operations.	All Hazards	Other Internal Funding	Not Applicable	40,000.00	81		Other	unknown
Cutler Bay	Cutler Bay	Cutler Bay Waterway Conveyance Improvements	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.	Flood	Other Internal Funding	Not Applicable	270,000.00	88		Project in Planning Stage	Unknown
Cutler Bay	Cutler Bay	Debris Removal	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.	All Hazards	Other Internal Funding	Not Applicable	400,000.00	89		Funding Secured	Unknown
Cutler Bay	Cutler Bay	Develop a Debris Plan	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	All Hazards	Other Internal Funding	Not Applicable	80,000.00	85		Project in Planning Stage	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Bel Aire Section 1.1 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	820,000.00	96		Funding Applied for	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Bel Aire Section 1.2 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	660,000.00	85		Project in Planning Stage	Unknown

Jurisdiction	Agency Responsible	Project Title	Project Description	Hazards	Identified Funding Source	Potential Grant Source	Estimated Costs	BCR	New Projects Date Added	Status	Completion Timeframe
Cutler Bay	Cutler Bay	Drainage Improvements - Bel Aire Section 6 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	310,000.00	83		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Cutler Ridge Section 5 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	1,580,000.00	88		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Pine Tree Manor Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	390,000.00	87		Future Unfunded Project	unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Port Royale Section 5 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	360,000.00	94		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Saga Bay Section 1.1 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	800,000.00	90		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Saga Bay Section 1.2 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	300,000.00	82		Funding Applied for	unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Saga Bay Section 1.6 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	170,000.00	94		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Saga Bay Section 1.7 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	670,000.00	87		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - Saga Bay Section 1.8 Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	240,000.00	90		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - SW 87th Avenue Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	1,000,000.00	90		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Drainage Improvements - SW 97th Avenue Sub-Basin	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	Flood	Grant Applied For	Mitigation Grant	1,200,000.00	80		Future Unfunded Project	Unknown
Cutler Bay	Cutler Bay	Emergency Portable Air Conditioner Units	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.	All Hazards	Grant Applied For	Mitigation Grant	120,000.00	81		Construction/Project Begun	Unknown
Cutler Bay	Cutler Bay	Flood Insurance Research Project	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.	Flood	Grant Applied For	Mitigation Grant	90,000.00	85		Other	Unknown
Cutler Bay	Cutler Bay	Flood Zone Data GIS System	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.	Flood	Other Internal Funding	Not Applicable	140,000.00	88		50% complete	Unknown
Cutler Bay	Cutler Bay	Municipal AM Emergency Radio Broadcast Station	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.	All Hazards	Grant Applied For	Mitigation Grant	85,000.00	11		Construction/Project Begun	Unknown

Jurisdiction	Agency Responsible	Project Title	Project Description	Hazards	Identified Funding Source	Potential Grant Source	Estimated Costs	BCR	New Projects Date Added	Status	Completion Timeframe
Cutler Bay	Cutler Bay	Portable Traffic Control Signs	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.	Power Failure	Other Internal Funding	Not Applicable	200,000.00	71		50% complete	Unknown
Cutler Bay	Cutler Bay	Preventive Pruning of Existing Town Tree Inventory	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.	Wind	Other Internal Funding	Not Applicable	285,000.00	82		Funding Secured	Unknown
Cutler Bay	Cutler Bay	Reduction of Floating Debris	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.	Flood	Other Internal Funding	Not Applicable	60,000.00	85		25% complete	Unknown
Cutler Bay	Cutler Bay	Removal of Australian Pines and other Exotics	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.	Wind	Other Internal Funding	Not Applicable	85,000.00	84		Construction/Project Begun	unknown
Cutler Bay	Cutler Bay	Storm Shutters for Town Buildings	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.	Wind	Grant Applied For	Mitigation Grant	120,000.00	91		Funding Applied for	Unknown
Cutler Bay	Cutler Bay	Storm Water Outfalls	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.	Flood/Storm Surge	Other Internal Funding	Not Applicable	500,000.00	86		Funding Secured	Unknown
Cutler Bay	Cutler Bay	SW 212th Street	SW 212 Street Drainage Improvements from SW 87th Avenue to SW 85th Avenue	Flood	Grant Awarded	Mitigation Grant	390,000.00	92	3/20/2014	75% complete	2015
Cutler Bay	Cutler Bay	Town Hall/EOC Hardening Project (Exterior Walls)	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 as 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.	Wind	Grant Applied For	Mitigation Grant	728,000.00	77		Funding Applied for	Unknown
Cutler Bay	Cutler Bay	Town Hall/EOC Hardening Project (Impact Resistant Windows)	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.	Wind	Grant Applied For	Mitigation Grant	630,000.00	82		Funding Applied for	Unknown
Cutler Bay	Cutler Bay	Town Hall/EOC Hardening Project (Mechanical HVAC System)	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.	All Hazards	Grant Applied For	Mitigation Grant	228,000.00	77		Funding Applied for	unknown
Cutler Bay	Cutler Bay	Town Hall/EOC HVAC System	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.	Wind	Grant Applied For	Mitigation Grant	610,000.00	75		Funding Applied for	Unknown
Doral	Doral	Acquisition of Emergency Generators	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: 3. Supply power to 3 parks that will serve as distribution centers. Public Works Dept. Quantity: 25. Supplies power for the operation of traffic control signals during power outage.	Power Failure	Other Internal Funding	PDM - FEMA Pre-Disaster Mitigation Grant Program	300,000.00	72		Future Unfunded Project	Unknown