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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

DATE: April 20, 2010

TO: Honorable Chairman Dennis C. Moss
and Members, Board of County Commissioners

Agenda Item No. 14(A)(5)

FROM: George M. Burgess
County Manager

Resolution No. R-452-10

SUBJECT: Local Mitigation Strategy For Hazard Mitigation

Recommendation

It is recommended that the Board approve the attached resolution adopting the Local Mitigation Strategy (LMS) that was developed pursuant to the State of Florida Department of Community Affairs and/or Florida Division of Emergency Management agreement approved by the Board on March 31, 1998 by Resolution No. R-362-98. The Department of Emergency Management is asking for expedited approval because the State of Florida has advised there is more than $7 million in approved funding for Miami Dade mitigation projects pending Board adoption of the plan. Of the $7 million in approved funding the list of projects and funding amounts are as follows:

- Jackson Health System, Ryder Trauma Center $5.7 million
- Mount Sinai Medical Center, Ascher Building, Wind Retrofit $674,449
- City of Miami Beach, 11 Municipal City Buildings, Wind Retrofit $671,587
- Miami-Dade College, North Campus Hialeah Center Classroom Bldg, Wind Retrofit $179,893
- Miami-Dade College, Medical Center Campus Building 2000, Wind Retrofit $184,158

Scope

The LMS and mitigation projects are countywide in nature and can impact one or more Commission districts.

Fiscal Impact/Funding Source

The LMS program is funded entirely by the Federal and State Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM) Grants Program, and Flood Mitigation Assistance program funds. No general fund money is used to support or operate the program. The contract with the Florida Department of Community Affairs and/or Florida Division of Emergency Management requires that the document be submitted to the Board for formal adoption following acceptance by the State. All other obligations of the contract have been completed and the State accepted the LMS in February 2010.

Track Record/Monitor

The LMS will be monitored by the Department of Emergency Management.

Background

In 1998, the State of Florida funded an initiative to help communities develop local mitigation strategies to mitigate effects of natural disasters and to identify sources of funds to address those needs. On March 31, 1998, the Board adopted Resolution No. R-362-98 which approved the execution of a Hazardous Mitigation Strategy agreement with the Florida Department of Community Affairs (FDCA), Division of Emergency Management. This action allowed the County, through the Department of Emergency Management (DEM), to establish a working group to oversee the development of an LMS. The established LMS working group includes County departments, all municipalities in Miami-Dade County, state and federal agencies, colleges and universities, hospitals and not-for-profits. The State

requires all LMS programs be approved every five years by the governing board of the agency submitting the plan.

On June 6, 2000, the Board adopted Resolution R-572-00 and then again on June 7, 2005 via Resolution No. R-710-05, which established Miami-Dade County's LMS. The LMS promotes a countywide approach to projects and programs that provide mitigation against the effects of natural and man-made disasters. FEMA, which provides the majority of mitigation funding, and FDCA require that projects be listed in the County's LMS in order to be eligible and considered for funding.

As projects on the LMS receive funding and completed they are removed and new projects are added to the list. A copy of all the current LMS projects is attached for your review (see Attachment A). The pre-mitigation countywide initiatives and projects have been prioritized in deference to the State contract requirements. Each submitting jurisdiction or organization maintains a full, detailed project description as well as a detailed project budget. Once funding becomes available, the State of Florida and the Federal Emergency Management Agency (FEMA) thru a cost benefit analysis determine priority funding for the projects requested.

DEM has been updating the LMS document since 2009 to meet the requirements and criteria of the FEMA 5-year update process. The LMS document is always under constant review and changes are periodically made in order to adjust to appropriate changes in governing documents, current affairs, and partner contributions. For the 5-year update, FEMA and the State of Florida requested specific information for inclusion in the document. While these changes are noteworthy, they are not significant by any measure. Two of the noteworthy changes are:

- Updating the Hazard Identification & Vulnerability Assessment section (Part 1) to provide consistency in the definition of hazards throughout the document.
- Adding an updated Repetitive Loss table in the Appendices section of the document.

Attachment B of the document reflects all of the changes that meet the criteria set by FEMA and recommended by the State for plan approval.

Since the inception of the LMS the program has completed more than 130 projects and as of the year 2009 nearly $260 million in hazard mitigation money has been awarded to Miami-Dade County. In the last year, the program has secured more than $25 million.

Assistant County Manager

MEMORANDUM

(Revised)

TO: Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners

DATE: April 20, 2010

FROM: R. A. Cuevas, Jr. County Attorney

SUBJECT: Agenda Item No. 14(A)(5)

Please note any items checked.

_____ "3-Day Rule" for committees applicable if raised

_____ 6 weeks required between first reading and public hearing

_____ 4 weeks notification to municipal officials required prior to public hearing

_____ Decreases revenues or increases expenditures without balancing budget

_____ Budget required

_____ Statement of fiscal impact required

_____ Ordinance creating a new board requires detailed County Manager's report for public hearing

_____ No committee review

_____ Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous _____) to approve

_____ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor

Veto _____

Override _____

Agenda Item No. 14(A)(5)
4-20-10

RESOLUTION NO. R-452-10

RESOLUTION ADOPTING THE LOCAL MITIGATION STRATEGY IDENTIFYING AND PRIORITIZING HAZARDS MITIGATION GRANT PROGRAM PROJECTS TO BECOME A PART OF THE STATEWIDE HAZARD MITIGATION STRATEGY

WHEREAS, the Board adopted Resolution No. R-362-98 on March 31, 1998 which approved the initial execution of a Hazards Mitigation Strategy agreement with the Florida Department of Community Affairs (FDCA); and

WHEREAS, the State requires all Local Mitigation Strategy (LMS) programs be approved every five years by the governing board of the agency submitting the plan and Miami-Dade County's first LMS plan was approved in the middle of the 1995-2000 five year cycle; and

WHEREAS, on June 6, 2000 Resolution No. R-572-00 was adopted by the Board and then again on June 7, 2005 via Resolution No. R-710-05 and the year 2010 marks the completion of the last 5 year cycle; and

WHEREAS, the Federal Emergency Management Agency funded a national initiative to help communities develop local mitigation strategies that identify projects to mitigate the effects of natural disasters and to identify sources of funds to address those problems; and

WHEREAS, the State of Florida Department of Community Affairs and/or Florida Division of Emergency Management enters into agreements with Miami-Dade County to provide the funding for the County and municipalities to jointly develop a Local Mitigation Strategy to become a component of the Statewide Mitigation Strategy; and

WHEREAS, the County entered into agreements with local municipalities to establish a unified process for developing the Local Mitigation Strategy and convey funds for participation in the plan development; and

WHEREAS, the Local Mitigation Strategy meets the State agreement requirements and was accomplished with the participation of local governments, the School Board of Miami-Dade

County, and a broad range of private not-for-profit agencies, businesses and universities coordinated by the Department of Emergency Management; and

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board adopts the Local Mitigation Strategy in substantially the form attached hereto and made a part hereof, an original of which is on file with the Clerk of the Board.

The foregoing resolution was offered by Commissioner Joe A. Martinez, who moved its adoption. The motion was seconded by Commissioner Rebeca Sosa and upon being put to a vote, the vote was as follows:

Dennis C. Moss, Chairman aye
Jose "Pepe" Diaz, Vice-Chairman aye

Bruno A. Barreiro	aye	Audrey M. Edmonson	aye
Carlos A. Gimenez	aye	Sally A. Heyman	absent
Barbara J. Jordan	aye	Joe A. Martinez	aye
Dorrin D. Rolle	aye	Natacha Seijas	aye
Katy Sorenson	aye	Rebeca Sosa	aye
Sen. Javier D. Souto	aye		

The Chairperson thereupon declared the resolution duly passed and adopted this 20th day of April, 2010. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: **DIANE COLLINS**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Eric A. Rodriguez

The Projects

Potential Mitigation Initiatives for Metropolitan Miami-Dade County

Part II of the Miami-Dade Local Mitigation Strategy – The Projects – is a compilation of county-wide initiatives and projects. Each initiative or project is included herein with a reasonable cost estimate where available. The idea of the project list is to let the world know that we thought of this before a disaster occurred. Each submitting jurisdiction or organization will also maintain a full, detailed project description as well as a detailed project budget, which may be required for a grant application.

Countywide Initiatives

In the course of developing the Local Mitigation Strategy, it became apparent that certain mitigation measures had a countywide scope while others were on a smaller scale and best dealt on the departmental, municipal or private sector level. The countywide measures are referred to in this document as "initiatives" while the departmental, municipal and private measures are referred to as "projects." The countywide initiatives can be employed by any entity that participates in the Miami-Dade Local Mitigation Strategy. The LMS Working Group has been reluctant to prioritize these initiatives because each is of vital importance to all entities taking part in the development of the Local Mitigation Strategy. However, in deference to the State Division of Emergency Management, all projects and initiatives have been prioritized using methods discussed earlier in this document. 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.

Initiative 1: Shuttering and Windstorm Protection
Initiative 2: Flood Control and Reduction
Initiative 3: Sheltering and Evacuation
Initiative 4: Counter-Terrorism
Initiative 5: Debris Clearance
Initiative 6: Canals and Waterways
Initiative 7: Tree Trimming
Initiative 8: Transportation Systems
Initiative 9: Mechanical Maintenance of Critical Facilities
Initiative 10: Public Information & Education
Initiative 11: Hazardous Materials Response
Initiative 12: Controlled or Prescribed Burns
Initiative 13: Beach & Dune Restoration and Maintenance

Miami-Dade County Departments

The various departments of the Miami-Dade County government make up a part of the LMS Working Group that represents the Unincorporated Municipal Service Area (UMSA), which is the unincorporated portion of the county, and those county provided services and facilities that operate within the municipal boundaries of the cities and towns such as the libraries, public transportation, roads, water and sewer and fire stations (in all but five of the cities) and many others. These projects supplement or are in addition to the countywide initiatives discussed in the previous section. The LMS Working Group has a committee that consists of the appointed representatives of the participating Miami-Dade County departments and is advised by the

LMS Steering Committee. This departmental committee has formulated the county projects by department and each department is responsible to formally prioritize its own projects. Costs for each project listed are estimates.

Miami-Dade Aviation Department
Project 1: Remote Employee Parking Lot Flood Attenuation: $300,000.
Project 2: Mid-field Runway Tunnel Flood Control: $130,000.
Project 3: Install Overflow Roof Drains: $1,960,000
Project 4: Repair Exterior Waterproofing: $1,100,000
Project 5: Dredge Stormwater Outfalls: $3.0 Million
Project 6: Storm Shutter Replacement: $600,000.

Miami-Dade Community Action Agency
Project: Residential Shuttering Program: Estimated cost is an average of $1,600 per house protected.

Miami-Dade Cooperative Extension Service
Project 1: Assessment and Hardening of Agricultural Center: TBA
Project 2: Mitigation of Street Tree Related Damage
Project 3: Develop Structural Improvements; $42,000

Miami-Dade Elections Department
Project: Harden Elections Building; $2,910,000

Miami-Dade Emergency Management
Project 1: Prepare and Print a Hurricane Preparedness Guide; $50,000.
Project 2: Hazardous Materials Emergency Planning & Response; $210,000
Project 3: Guide to Personal Mitigation Projects; $50,000.
Project 4: Develop and Construct CERT City; $3,000,000
Project 5: Storm Surge Protection Barrier; $8,000,000
Project 6: Terrorism Prevention and Preparedness Outreach Program; $500,000
Project 7: EOC Vulnerability Hardening; $700,000
Project 8: Preparedness and Mitigation Website; $90,000.
Project 9: Elevate Herrick Residence; $220,500
Project 10: Elevate Diaz Residence; $95,000

Miami-Dade Employee Relations Department
Project 1: Protect Employee Records
Project 2: Reduce Loss Risk
Project 3: Emergency Payroll Processing
Project 4: Install Time Collection System

Miami-Dade Department of Environmental Resources Management
Project 1: Forest Management; TBD
Project 2: Hazardous Waste; TBD
Project 3: Drainage Improvements in Belen Jesuit School Area; $7,645,000
Project 4: Drainage Improvements to the Seaboard Acres Ditch; $2,000,000
Project 5: Dredge of Portions of Florida City and North Canals; $500,000
Project 6: Pre-Disaster Removal of Hazardous Materials; $100,00

Project 7: Caribbean Boulevard Bridge Enhancement; $2,800,000
Project 8: Midway Drainage Improvement Project SOW; $7,000,000
Project 10: SW 157th Avenue: SW 64th Street to SW 42nd Street Project SOW; $4,500,000
Project 11: SW 122nd Ave Secondary Canal Enhancement Project SOW; $4,500,000
Project 12: Mitigation of Tree Related Damage to Infrastructure; TBD
Project 13: Improvements throughout the County's Secondary Canals; $4,000,000
Project 14: Removal of Obstructions to Evacuation Route; TBD
Project 15: Flood Control Measure for Sub-Basin C1N-E-3; $1,699,432
Project 16: Replacement of Culverts in C1-N Canal; $2,000,000
Project 17: Addition of Conveyance Pipe to French Drains in C1S5 Sub-Basin; $626,000
Project 18: Flap Gates on Existing Overflow Structures in C-1 Canal; $20,000
Project 19: Conveyance Pipe to Connect Two French Drain Systems; $146,000
Project 20: Beach and Dune Restoration and Maintenance; $3,200,000
Project 21: 32nd Street Breakwater Rehabilitation and Stabilization; $800,000
Project 22: 55th Street Erosion Control Breakwater; $1,700,000
Project 23: Remleys Drainage Improvement Project; $357,000

Miami-Dade Finance Department
Project 1: Remote Systems Backup Technology; $100,000
Project 2: implementing 26th floor Emergency Power Circuits; $40,000
Project 3: laptop computers with docking stations; $115,000

Miami-Dade Fire Rescue Department
Project 1: Replace Overhead Doors; $420,000
Project 2: Station Rehabilitation for Air Rescue South; Estimated cost $1,000,000.
Project 3: Fire Station Roof Rehabilitation; $ $600,000
Project 4: Roof Rehabilitation for Miami-Dade Fire Rescue Headquarters; $1,000,000
Project 5: Drainage Improvements; $500,000

Miami-Dade General Services Administration
Project 1: Address Flooding Problems of Caleb Center Parking Lot; $2,000,000
Project 2: Flood prevention for the Central Support Facility Building; $200,000
Project 3: Install shutters at the DPCC facility; $450,000
Project 4: Shutters at the Medical Examiner complex; $274,000
Project 5: Install Flood Barriers for the Richard E. Gerstein Justice Building; $150,000
Project 6: Hardening of the Windows at Metro Flagler building; $680,000
Project 7: Hardening of the Windows at Richard E. Gerstein Justice Building; $4,700,000
Project 8: Hardening of the Windows at Court House Center; $450,000
Project 9: Hardening of the Windows at North Dade Justice Building; $300,000
Project 10: Flood Barriers for the Miami-Dade Cultural Center Basement; $60,000
Project 11: Flood Prevention of the Elevator Shaft in the Historical Museum; $80,000
Project 12: Hardening of the Perimeter at the DPCC Building; $250,000
Project 13: Purchase of Portable Emergency Power Generators; $300,000
Project 14: Purchase of Trailer Mounted Portable Chiller and Associated Cooling Tower; $2,400,000
Project 15: Extending Runtime of Emergency Power Generators; $1,200,000
Project 16: Purchase of Portable Lighting "Towers" of Various Wattages; $15,000
Project 17: Adding Redundancy to Security Operations Center; $25,000
Project 18: Provide Satellite Cellular Phones for Emergency Service; $85,000

Project 19: Re-starting the DGC Central Power and Cooling Plant; $11,000,000
Project 20: Adding Redundancy to System Central Control Office; $50,000
Project 21: Retrofit Generator Technician's Vehicles to Drive in Flooded Areas; $25,000
Project 22: Enhanced Security for the Medical Examiner's Facility; $70,000
Project 23: Enhanced Security for the Courthouse Center; $105,000
Project 24: Hardening of the Perimeter at the Medical Examiner's Facility; $110,000
Project 25: Provide Safety Equipment for Emergency Inspection of Confined Spaces; $150,000
Project 26: Enhance Security for the Richard E. Gerstein Building; $89,000
Project 27: Removal of the abandoned Cooling Towers from the Court House Center; $75,000
Project 28: Hardening of the Perimeter at the SPCC building; $1,900,000
Project 29: Hardening of the Windows at Dade County Courthouse; $4,500,000
Project 30: Hardening of Miami-Dade County's Agricultural Center; $100,000
Project 31: Hardening of the County's Integrated Command Center; $12,000,000

Miami-Dade Housing Agency
Project 1: Harden Building and Improve Drainage

USHUD#	DEVELOPMENT	No. Flrs	No. Bldgs	Install Shutters	Roof Replacement	Drainage Improvements
Fl 5-027B	Gwen Cherry 20	1	17	80,500	0	110,000
Fl 5-051	Lemon City	4	1	350,000	0	0
Fl 5-027B	New Haven Gardens/ 05	2	41	497,700	0	0
Fl 5-027B	Gwen Cherry 07	2	17	201,600	0	0
Fl 5-027B	Gwen Cherry 22	1	10	70,000	0	200,000
Fl 5-027B	Gwen Cherry 06	2	6	50,400	0	0
Fl 5-039	Peters Plaza	6	1	357,000	0	0
Fl 5-007	Victory Homes	1	81	894,600	0	0
Fl 5-056	Edison Plaza(Park)	6	1	0	0	500,000
Fl 5-067	Little River Pl.	5	1	301,000	0	300,000
Fl 5-006	Little River Terr.	1	55	667,800	0	0
Fl 5-037	Emmer Turnkey	3	1	147,000	0	0
Fl 5-043	Palm Towers	11	1	0	32,773	500,000
Fl 5-036	Twin Lakes	2	3	0	0	0
Fl 5-074B	Opa-locka Fam.	1	22	163,800	145,600	0
Fl 5-088	Palmetto Gardens	4	1	140,000	0	0
Fl 5-095A	Opa-locka Eld.	1	25	175,000	0	0
Fl 5-001	Edison Courts	1	105	2,173,500	0	0
Fl 5-017C	Model Cities	1	8	239,400	0	0
Fl 5-017B	Scattered Sites	2	5	50,400	0	0
Fl 5-014	A. Coleman Gardens	2	47	0	686,000	0
Fl 5-019A	Lincoln Gardens	1	47	296,100	0	0
Fl 5-015	A. Coleman Gardens	2	20	907,200	403,200	0
Fl 5-092B	Manor Park	1	32	201,600	179,200	0
Fl 5-093B	Orchard Villa	1	12	75,600	67,200	0
Fl 5-093A	Liberty Homes	1	44	277,200	246,400	400,000
Fl 5-002	Liberty Square	1	45	1,587,600	0	500,000
Fl 5-003	Liberty Square	1	48	1,764,000	0	400,000
Fl 5-005	Liberty Square	1	37	1,115,100	0	400,000

ATTACHMENT A

Fl 5-044	Ward Tower	17	1	700,000	0	600,000
Fl 5-017A	Scattered Sites	2	24	151,200	0	0
Fl 5-027D	Gwen Cherry 09	2	16	56,000	0	0
Fl 5-027D	Gwen Cherry 11	2	40	140,000	0	0
Fl 5-063	In Cities-Wynwood	2	45	283,500	0	0
Fl 5-076A	Buena Vista Homes	1	24	151,200	0	0
Fl 5-094	Wynwood Elderly	4	1	252,000	63,000	0
Fl 5-100C	Wynwood Homes	1	39	245,700	0	0
Fl 5-027C	Gwen Cherry 23	2	36	226,800	0	0
Fl 5-032	Rainbow Village	2	50	630,000	0	0
Fl 5-099	Townpark	2	19	239,400	228,000	0
Fl 5-025	Claude Pepper	12	1	581,000	48,417	0
Fl 5-028	Green Turnkey	3	1	132,300	0	0
Fl 5-091	Phyllis Wheatley	5	1	140,000	28,000	0
Fl 5-024	Elizabeth Virrick I	2	4	98,000	0	0
Fl 5-027A	Gwenn Cherry 13	2	16	195,300	0	0
Fl 5-027A	Gwenn Cherry 12	2	3	37,800	0	0
Fl 5-027A	Gwenn Cherry 08	2	11	132,300	0	0
Fl 5-027E	Gwenn Cherry 15	2	14	176,400	0	0
Fl 5-027E	Gwenn Cherry 16	2	35	441,000	0	0
Fl 5-027E	Gwenn Cherry 14	2	38	491,400	0	0
Fl 5-076B	Allapattah Homes	1	25	315,000	280,000	0
Fl 5-100B	Santa Clara Homes	1	7	81,900	72,800	0
Fl 5-011	Abe Arronovitz	2	9	192,500	0	0
Fl 5-029	Elizabeth Virrick II	2	7	196,000	98,000	0
Fl 5-034	Dante Fascell	6	4	528,500	0	0
Fl 5-026	Haley Sofge Towers	13	2	1,662,500	0	0
Fl 5-041	Jack Orr Plaza	12	1	700,000	0	0
Fl 5-089	Harry Cain Tower	14	1	0	38,500	0
Fl 5-049	Culmer Place	2	22	951,300	0	0
Fl 5-054	Parkside	4	1	196,000	0	0
Fl 5-075	Culmer Gardens	2	15	0	210,000	0
Fl 5-018	Smathers Plaza	6	2	637,000	0	0
Fl 5-030	Falk Turnkey	2	12	168,000	0	0
Fl 5-090	Jose Marti Plaza	5	1	192,500	0	0
Fl 5-012	Joe Moretti	2	36	1,008,000	504,000	0
Fl 5-019B	Medvin Apt.	2	1	63,000	31,500	0
Fl 5-100A	Little Havana Homes	3	1	176,400	52,267	0
Fl 5-092A	Coconut Grove	1	23	151,200	134,400	0
Fl 5-080	Florida City Gardens	1	25	0	0	500,000
8-005	Miami Gardens Apts.	3	2	283,500	84,000	0
8-001	Wynwood	1	40	252,000	0	0
8-003	Gibson Plaza	3	1	227,500	0	0
8-007	Coconut Grove	2	13	151,200	67,200	0
8-011	Little Havana I	4	1	262,500	0	0
8-006	Riverside	7	1	262,500	0	0
8-004	Perrine (Rainbow)	2	32	403,200	0	0
8-009	Goulds	1	48	302,400	0	0
	TOTALS			$27,650,000	$3,700,456	$4,410,000

Project 2: Develop MDHA Local Service Hubs
Project 3: Acquire Emergency Equipment

Miami-Dade Library Department
Project 1: North Dade Regional; $650,000.00
Project 2: South Dade Regional; $750,000.00
Project 3: West Dade Regional; $850,000.00
Project 4: Miami Lakes; $225,000.00
Project 5: Coral Gables Library; $650,000.00
Project 6: Key Biscayne; $225,000.00
Project 7: North Central; $135,000.00
Project 8: Kendall; $225,000.00
Project 9: Edison Center; $175,000.00
Project 10: Culmer/Overtown; $125,000.00
Project 11: Coral Reef; $150,000.00
Project 12: Allapattah; $110,000.00
Project 13: Lemon City; $135,000.00

Miami-Dade Park & Recreation Department
Project 1: Sea Wall Replacements and Repairs; Total $10,595,600
Project 2: Shutters; Total $965,000
Project 3: Tree Trimming; Total $1,090,051
Project 4: Matheson Hammock Parking; $2,000,000
Project 5: Harden Park Buildings; Estimated annual cost: $700,000.

Miami-Dade Police Department
Project 1: Wind Damage Mitigation at Midwest District Police Station; $150,000.
Project 2: Wind Damage Mitigation at Miami-Dade Police Department Headquarters; $1,500,000
Project 3: Strengthen Roof Access Doors for Wind Damage Mitigation at Headquarters Complex (three buildings); $600,000

Miami-Dade Public Works Department
Project 1: Replacing Span Wire Signals with Mast Arm Signals; $3,000,000 (28 potential intersections)
Project 2: Larchmont Gardens Storm Water Pump Station; $700,000
Project 3: Seaboard Acres Storm Water Pump Station; $700,000
Project 4: Road, Bridge and Canal Maintenance Division NW 58 Street Facility; $125,000
Project 5: Biscayne Shores Storm Water Pump Station Retrofit; $250,000
Project 6: Road, Bridge and Canal Maintenance Division Vital Public Records Storage; $250,000.
Project 7: Preventive Pruning of Existing County Tree Inventory; $2,570,000
Project 8: Mosquito Control Division Insecticide Storage Facility Upgrade; $300,000
Project 9: Hurricane Protection for the Mosquito Control Building and Hanger; $61,000 Project 10: Install removable bracing for hangar doors; $12,000
Project 11: Increase security at the Mosquito Control North Facility; $95,000

Project 12: Impressed Current Cathodic Protection Design; $280,000
Project 13: Replacing Wire Signal with Mast Arm Signal; $3,984,000

Miami-Dade Seaport Department
Project 1: Security Training; $250,000
Project 2: Security Study; $350,000
Project 3: Roof-Top Mitigation; $1,000,000
Project 4: Electrical Feeder System Upgrade for Storm Surge Mitigation; $5,000,000
Project 5: Installation of New Fenders for Mitigation of Wharf Damages; $500,000
Project 6: Sea Wall Reinforcement for Storm Surge Mitigation; $42,500,000
Project 7: Access Control Upgrades for Cruise Terminals and Administration Complex; $1,300,000.
Project 8: Drainage Mitigation; $3,000,000
Project 9: Public Address System; $400,000
Project 10: Hazardous Materials Detectors; $10,000
Project 11: Systems Backup; $100,000
Project 12: Waterside Fence Intrusion System; TBD
Project 13: Facilities Hardening; $1,000,000
Project 14: Harden Port Bridges; 11,300,000
Project 15: Seaboard Bulkhead Mitigation; $15,000,000.

Miami-Dade Transit Agency
Project 1: Bulk Fuel Storage and Transfer Station; $2,750,000
Project 2: Storm Shield Hurricane Barriers; $60,000
Project 3: Storm Shield Hurricane Barriers; $200,000
Project 4: Reconfiguration – Critical Equipment; $158,000
Project 5: Emergency Portable Air Conditioner Units; $48,000
Project 6: Emergency Power for entire MDT Facilities; $5,000,000

Miami-Dade Water and Sewer Department
Project 1: HEPA Filters at Water Storage Tanks; $250,000.
Project 2: Physical Security Risk Reduction Measures at Water Treatment Plants; $12,200,000
Project 3: Risk Reduction Measures at Treatment Plants and Facilities; $500,000
Project 4: Satellite Phones; $15,000.
Project 5: Hand-Held GPS Units; $50,000
Project 6: Increased Wastewater Transmission and Treatment Capacity; $200,000,000
Project 7: Relocate Water Mains in Rear Easements; $530,908,000
Project 8: Transfer Water Service from Rear to Front in Locations with Dual Systems; $16,048,500
Project 9: Shelters for Critical Equipment; $5,000,000
Project 10: Replacement of Canal and Bridge Crossing Pipes; $2,500,000
Project 11: Harden Water and Sewer Department Buildings; $20,000,000
Project 12: Construct New South Miami Heights Maintenance Facility; $35,000,000
Project 13: Replace Roof Mounted Exhaust Ventilation Fans
a. Westwood Lake Maintenance Facility. $145,000
b. LeJeune Road Office. $50,000
c. Medley Warehouse. $50,000
d. 36th Street Maintenance Facility. $30,000

e. Distribution Maintenance Facility. $25,000
Project 14: Replace LeJeune Road Office Building HVAC; $350,000
Project 15: LeJeune Road Emergency Operations Center; $400,000
Project 16: Construct a Wind Barrier at the South District Wastewater Treatment Plant; $85,000.

Vizcaya Museum and Gardens
Project 1: Basement Storm Flood Water Discharge System; $1,750,000
Project 2: Roof Replacement and Roof Structure Reinforcement; $5,500,000
Project 3: Exterior Window and Door Restoration and Reinforcement for Impact; $4,500,000
Project 4: Historic Garden Features Mitigation; $350,000
Project 5: Replacement of Glass Canopy over Courtyard; $1,900,000

The Municipalities
There are thirty-five municipalities within Miami-Dade County. Each municipality has determined which hazard mitigation projects are appropriate to that individual community and what priority should be attached to each. No projects submitted for inclusion in the Local Mitigation Strategy have been edited in any way other than to conform to the format, font and typestyle used in the document. Each is included as submitted. Future studies may determine, however, that some of these individual projects may be better suited to or easier to complete if combined into a countywide initiative as outlined above. This type of decision will be made as required by the circumstances of the time.

Several of the municipalities have chosen to no longer participate in the Local Mitigation Strategy and are not listed in this document.

City of Aventura
Project 1: Stormwater Drainage Projects
Project 2: Development of Floodplain Management Plan
Project 3: Purchase Communications Information Equipment
Project 4: Develop Disaster Education Programs
Project 5: Development of Emergency Command Post within the City

Town of Bay Harbor Islands
Project 1: Reverse 911- Interactive Community Notification System; $62,000
Project 2: Installation of Automated Water Meter System; $400,000

Village of Biscayne Park
Project 1: Harden Recreation Center For Eoc; $60.000.00
Project 2: New Municipal/Public Safety Building; $856,000.
Project 3: Storm Water Project; $400,000.
Project 4: Landscape State Road 915 in Biscayne Park; $225,000.
Project 5: Facility Hardening; $125,000
Project 6: Municipal AM Radio Broadcast station; $50,000
Project 7: Bucket Truck; $95,000
Project 8: Eighteen Foot Tall Wall Along FEC right-of-way; $700,000

City of Coral Gables

Project 1: Coral Gables Waterway Conveyance Improvements; $7,000,000
Project 2: Hurricane Shutters; $205,000
Project 3: Waterway Bank Stabilization; $400,000.00
Project 4: Emergency Generators; $1,000,000.00
Project 5: Develop a Debris Plan; $200,000
Project 6: Protect City HVAC; $50,000
Project 7: Storm Water Outfalls; $500,000
Project 8: Test Storm Water Connections; $250,000
Project 9: Sewer Systems Improvements; $400,000

Village of Cutler Bay

Project 1: Drainage Improvements

- Cutler Ridge Elementary area. $700,000
- Saga Bay Section 1.3 Sub-Basin. $330,000
- Saga Bay Section 1.4 Sub-Basin. $90,000
- SW 87th Avenue Sub-Basin. $1,000,000
- SW 97th Avenue Sub-Basin. $1,200,000
- Saga Bay Section 1.5 Sub-Basin. $1,030,000
- Bel Aire Section 1.2 Sub-Basin. $660,000
- Bel Aire Section 5.2 Sub-Basin. $450,000
- Saga Bay Section 1.1 Sub-Basin. $800,000
- Saga Bay Section 1.7 Sub-Basin. $ 670,000
- Pine Tree Manor Sub-Basin. $390,000
- Cutler Ridge Section 5 Sub-Basin. $1,580,000
- Port Royale Section 5 Sub-Basin. $360,000
- Bel Aire Section 1.1 Sub-Basin. $820,000
- Saga Bay Section 1.8 Sub-Basin. $240,000
- Saga Bay Section 1.6 Sub-Basin. $170,000
- Saga Bay Section 1.2 Sub-Basin. $300,000
- Bel Aire Section 6 Sub-Basin. $310,000

Project 2: Canal Bank Erosion Protection; $350,000
Project 3: Flood Zone Data GIS System; $140,000
Project 4: Flood Insurance Research Project; $90,000
Project 5: Development of Floodplain Management Plan; $75,000
Project 6: Purchase Communications Emergency Equipment; $65,000
Project 7: Reduction of Floating Debris; $60,000
Project 8: Canal Cleaning and Shaping – Town wide; $750,000
Project 9: Portable Traffic Light Signals; $140,000
Project 10: Installation of Transfer Switch for Emergency Power; $57,000
Project 11: Acquisition of Emergency Generators; $85,000
Project 12: Debris Removal; TBD
Project 13: Develop a Debris Plan; $80,000
Project 14: Storm Water Outfalls; $500,000
Project 15: Municipal AM Radio Broadcast Station; $50,000
Project 16: Cutler Bay Waterway Conveyance Improvements; $270,000
Project 17: Removal of Australian Pines and Other Exotics; $65,000.
Project 18: Preventive Pruning of Existing Town Tree Inventory; $285,000.
Project 19: Emergency Portable Air Conditioner Units; $60,000.

Project 20: Satellite Phones; $55,000
Project 21: Community Emergency Response Teams (CERT); $40,000
Project 22: Purchase Computerized Equipment Storage for Vital Public Records; $47,000
Project 23: Portable Traffic Control Signs; $200,000
Project 24: Storm Shutters for Town Buildings; $85,000.

City of Doral
Project 1: City of Doral Police Department Emergency Operations Center; $4,025,000
Project 2: City of Doral Public Works Department Facility Emergency Generator; $200,000
Project 3: Retrofit of Traffic Signals to Include Transfer Switches; $140,000
Project 4: Installation of Transfer Switch for Emergency Power; $30,000
Project 5: Pump Station to Address Repetitive Flooding Losses; $2,500,000
Project 6: Storm Water Master Plan and System Upgrade; $1,500,000
Project 7: Acquisition of Emergency Generators; $655,000
Project 8: Installation of storm shutters at City of Doral Police & Parks Facilities; $100,000
Project 9: Point of Distribution Center; $700,000
Project 10: Construction of a Structure to store Emergency Vehicles and Equipment; $3,000,000
Project 11: Drop-off Site; $600,000
Project 12: Expansion of the City's GIS System to all Appropriate Facilities; $350,000
Project 13: Acquisition of additional communication equipment; $120,000
Project 14: Acquisition of Water Pumps for Building Flood Control; $40,000
Project 15: Acquisition of Emergency Vehicles and Equipment; $2,100,000
Project 16: Economic Incentives – Information Package; $100,000
Project 17: Flood Insurance Research Project; $100,000
Project 18: Emergency Supplies and Equipment; $120,000
Project 19: Sewer Pump Stations Emergency Disconnects; $45,000
Project 20: Comprehensive review and modification of local laws & regulations; $75,000
Project 21: Educational Program to Reduce Damage of Property and/or Life; $75,000
Project 22: Acquisition of airboats and flat boats; $143,000

Village of El Portal
Project 1: Shutter City Hall; $125,000
Project 2: Local Tree Trimming; $12,000

City of Florida City
Project 1: Friedland Manor Stormwater Drainage Project; 1,000,000
Project 2: Sealing the Palm Drive Canal; $3,500,000
Project 3: Backup for the City's Drinking Water System; $2,100,000
Project 4: Additional Water Tower; $2,000,000
Project 5: Water Works Systems Improvement Project; $630,020
Project 6: New Lights and Poles on Palm Drive; $325,000
Project 7: Drainage at the Depot and Pioneer Museum; $500,000.
Project 8: Drainage at the Corner of Palm Drive and SW 2nd Ave; $100,000.
Project 9: Sewer Evaluation Study
Project 10: Repair of Sewer Lines Based on the Evaluation Study; $1,000,000.
Project 11: Public Building Retrofit; $500,000.
Project 12: Septic Tank Abandonment; $900,000.

Town of Golden Beach
Project 1: Storm Water Drainage System Improvements; $4,635,000.
Project 2: Underground Placement of Utilities; $6,900,000
Project 3: Roadway/Streetscape Improvement; $2,897,310
Project 4: Emergency Generators; $50,000.
Project 5: The Town Hall/Emergency Operation Center; $150,000.00 for an addition to the existing Town Hall; $2,000,000.00 for a new two story Community Center/Emergency Operations Center on A1A.
Project 6: Bridge Replacement; Estimate cost per bridge: $2,250,000

City of Hialeah
Project 1: Drainage Improvements
Project 2: Pump Stations
Project 3: Police/Public Safety Equipment
Project 4: Community Outreach
Project 5: Tree Trimming
Project 6: Storm Shutters
Project 7: Miscellaneous Programs

City of Hialeah Gardens
Project 1: Protect Records
Project 2: Municipal Building
Project 3: Stormwater Study
Project 4: Drainage
Project 5: Evacuation Routes

City of Homestead
Project 1: Storm Water System Upgrade; $ 33,692,000
Project 2: Security System Enhancements against Terrorist Attacks; $795,000
Project 3: Water & Wastewater System Improvements; $4,060,000
Project 4: Acquisition of additional equipment for Emergency Operations Center; $450,000
Project 5: Acquisition of emergency generators to supply different critical facilities during a disaster event; $2,335,260.00
Project 6: Comprehensive review, modification, and enforcement of local laws and regulations; $600,000
Project 8: Build concrete enclosures around City critical facility systems; $1,000,000
Project 9: Economic Incentives & Education Information Package; $175,000
Project 10: Flood Insurance Research Project; $25,000
Project 11: Acquisition of airboats and flat boats; $154,000
Project 12: Construction of a Structure to store Emergency Vehicles and Equipment; $1,200,000
Project 13: Acquisition of emergency vehicles and equipment to access critical facilities and areas affected during and after a disaster event; $2,288,000
Project 14: Improvements to Existing Buildings; $500,000
Project 15: Installation of storm shutters at different locations; $200,000
Project 16: Emergency Supplies and Equipment; $200,000
Project 17: Improve/Increase Water Availability; $2,500,000
Project 18: Drop-Off Site; $900,000
Project 19: Water and Wastewater Telemetry/RTUs; $1,000,000

Project 20: Showers (permanent and/or portable); $30,000
Project 21: Installation of Automatic Circuit Reclosers in the Electric Distribution System; $100,000
Project 22: Upgrade OCB's (Oil Circuit Breakers) with VCB's (Vacuum Circuit Breakers); $223,000
Project 23: Upgrade Protection Feeders – Substation Schemes; $50,000
Project 24: Hazard Material Containers; $900,000
Project 25: Additional Digester and Blower; $750,000
Project 26: Removal of Old Treatment Plants; $200,000
Project 27: Wastewater Infiltration/Inflow; $3,200,000
Project 28. NE Quadrant Water Storage Tank; $4,000,000
Project 29: Increase Wastewater Treatment Plant Capacity; Estimated Cost : $18,000,000
Project 30: Improve Transportation Infrastructure; $4,000,000
Project 31: Restoration of Sports Complex Dormitory; Estimated Costs: $632,049
Project 32: Tree Trimming in City of Homestead; $150,000
Project 33: Acquisition of property for the expansion of Losner Park; $3,300,000
Project 34: Under-grounding 13kv Distribution; $12,500,000
Project 35: Strategy for increasing the flood insurance discount for City of Homestead property owners by improving the CRS rating; $ 20,000
Project 36: Retrofitting the new City Hall/Divisional EOC to withstand a category 5 hurricane through structure hardening and impact resistant windows and doors; $ 3, 958,500

Village of Key Biscayne
Project 1: Comprehensive Review of Local Laws and Regulations; $50,000.
Project 2: Storm Drainage System Upgrade; $1,300,000
Project 3: Feasibility Study for Additional Open Space Preservation;
Project 4: Elimination of Converted Garages
Project 5: Earth Shaping Master Plan
Project 6: Demonstration Project
Project 7: Economic Incentives
Project 8: Flood Insurance Research Project
Project 9: Erosion Control Hot Line and Response System
Project 10: Environmental Forum

Town of Medley
Project 1: Drainage Improvements; $2,766,000
Project 2: Roadway Improvements; $200,000
Project 3: Wastewater System Mitigation; $21,000

City of Miami
Project 1: Hazardous Materials Response Units; $2,500,000
Project 2: Debris Removal; TBD.
Project 3: Public Education and Information Distribution; $650,000.
Project 4: Storm Shelter for Families of City Employees; $750,000
Project 5: Storage Facilities for Critical Equipment; TBD.
Project 6: Harden Fire Facilities; TBD
Project 7: Clean and Dredge Canals and Waterways; $45,000,000
Project 8: Harden Neighborhood Enhancement Team Centers; $100,000 per NET Center
Project 9: Flood-Proofing Government and EOC Buildings; $7,000,000

Project 10: Backup for Essential City Mainframe Functions; $1,000,000
Project 11: Backup System for City Communications; TBD.
Project 13: Community Emergency Response Teams; $150,000
Project 14: Loans to Private Owners to Improve Seawalls & Stabilize Shorelines; $250,000.
Project 15: Replace and Improve City-owned Seawalls; $4,000,000
Project 16: Portable Traffic Control Signs; $500,000.
Project 17: Storm Shutters for City Buildings; TBD.
Project 18: Flood-Proof First Floor of Main Police Building; $750,000.
Project 19: Low Power Portable Radio Stations; TBD.
Project 20: Protect Vital City Records; $60,000.
Project 21: Anchor Park Fixtures; $150,000
Project 22: Study to Reduce Erosion on Virginia Key Beach; $75,000.
Project 23: Study Potential Fire Hazards on City-owned Islands; $40,000.
Project 24: Communications Systems Generator; $60,000
Project 25: Property Maintenance Division Upgrades; $160,000
Project 26: Security Film at Riverside Center Building; TBD
Project 27: Generator for Riverside Center Building; $1,000,000.
Project 28: Little Haiti Park; $60,000.
Project 29: Little River Storm Sewers Retrofitting Project, Phase II; $3,000,000
Project 30: Kinloch Storm Sewers Project; $4,000,000
Project 31: Englewood Storm Sewers Project -Phase III; $5,400,000
Project 32: Northwest Storm Sewers Project; $4,800,000
Project 33: Garden Storm Sewers Project -Phase I; $4,300,000
Project 34: Liberty Storm Sewers Project; $4,200,000
Project 35: Grove Park (formerly known as Glenroyal) Storm Sewers Project; $6,000,000
Project 36: Lawnview Storm Sewers Project; $4,300,000
Project 37: Auburn Storm Sewers Project - Phase I and Phase II; $4,000,000
Project 38: Reid Acres Storm Sewers Project; $4,300,000
Project 39: Belle Meade Storm Sewers Project, Phase I; $4,200,000
Project 40: Fairway Storm Sewers Project; $4,200,000
Project 41: Avalon Storm Sewers Project - Phase III; $ 5,300,000
Project 42: Auburn Storm Sewers Project - Phase III; $5,300,000
Project 43: N.W. 71st Street Main Trunk Storm Sewer Project; $7,500,000
Project 44: Hurricane Window Barriers for Park Recreation Buildings; $250,000.
Project 45: Update of Storm Water Master Plan; $600,000
Project 46: Street Sweeping Program Improvement; $900,000.
Project 47: Watson Island Baywalk; $300,000.
Project 48: Restoration of Native Species; TBD
Project 49: Replacement of Channel Markers; $65,000.
Project 50: Master Plan for Virginia Key; $550,000.
Project 51: City Hall; $650,000.
Project 52: Fire Station Hardening; $320,000.
Project 53: Station Facility Apparatus Room Doors; TBD
Project 54: San Marco Island & Biscayne Islands Drainage Improvements; $3,000,000.
Project 55: Causeway Island; $500,000.
Project 56: North Bayshore Drive Improvements; $5,500,000
Project 57: Overtown Greenway – Phase I; $3,000,000
Project 58: North Spring Garden Greenway; $5,000,000

Project 59: 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; $4,000,000
Project 60: Upgrade Truck Wash Facility; $740,800
Project 61: Reduction of Floating Debris; $ 400,000
Project 62: Slab Covered Trench Cleaning; Estimated cost to perform this cleaning over a five years period is $12,000,000.
Project 63: Public Works Maintenance Yard Building; $1,000,000
Project 64: Vehicle Tracking Devices; $250,000
Project 65: Durham Terrace Drainage Project; $1,100,000
Project 66: Bird Avenue Road Improvement; $1,728,000
Project 67: Miami River Greenway – NW 5th Street Bridge Approach; $640,000.
Project 68: Miami River Greenway – SE 5th Street Extension; $640,000.
Project 69: Miami River Greenway – Miami Circle; $1,000,000.
Project 70: Mary Brickell Village Drainage Improvements; $1,400,000.
Project 71: Miami River Greenway SW 2nd Avenue to South Miami Avenue; $1,045,000.
Project 72: North Shorecrest Road Improvements; $1,271,800.
Project 73: NW 2nd Avenue (11th to I-395); $2,000,000.
Project 74: SW 3rd Avenue Road Improvement Project: $1,450,000.
Project 75: Palm Grove Road Improvements; $5,225,000.
Project 76: Brickell Key Bridge; TBD.
Project 77: NW 14th Street Streetscape Project; $1,650,000.
Project 78: Miami River Greenway (NW 10th Avenue to NW 12th Avenue); TBD.
Project 79: Securing the City of Miami GSA Property Maintenance Facility; $16,000

City of Miami Beach
Project 1: Storm Shutters and Protective Glass for City Buildings; $810,000
Project 2: Canal Cleaning and Shaping – Citywide; $4,775,000
Project 3: Portable Traffic Light Signals; $160,000
Project 4: Nautilus Drainage Improvements; $27,000,000.
Project 5: Flood Proofing Sewer and Pump Stations; $1,785,000
Project 6: Biscayne Point Drainage Improvements; $7,800,000
Project 7: Bayshore Drainage Improvements; $3,700,000
Project 8: Normandy Shores Drainage Improvements; $10,000,000
Project 9: Jefferson Avenue Drainage Improvements; $1,500,000
Project 10: Lakeview Drainage Improvements; $1,094,166
Project 11: Lake Pancoast Area Drainage Improvements; $2,500,000
Project 12: Stormwater Outfall and Seawall Reconstruction; $1,800,000
Project 13: Miami Beach Interoperability | Communications | EOC Program; $997,200
Project 14: Palm and Hibiscus Area Drainage Improvements; $4,000,000
Project 15: West Avenue Drainage Improvements; $16,200,000.
Project 16: Flamingo / Lummus Drainage Improvements; $41,000,000
Project 17: Parkview Canal Seawall Revetment; $1,800,000
Project 18: Extensive Repairs to Seawalls; $2,131,000.
Project 19: La Gorce Drainage Improvements; $6,600,000
Project 20: Streetlight System Upgrade; $1,600,000
Project 21: West Avenue Bridge; $6,846,680
Project 22: Citywide Wastewater Infrastructure Improvements; $2,250,000
Project 23: Citywide Stormwater Infrastructure Improvements; $53,000,000
Project 24: Citywide Water Infrastructure Improvements; $34,000,000.

Project 25: Citywide Dune Enhancement Project: $515,000
Project 26: Mount Sinai Hospital; $5,000,000
Project 27: Talmudic University; $1,500,000
Project 28: Regional Communication/Command Van; $500,000.00

City of Miami Gardens
Project 1: Storm Shutter Program; $100,000.00.
Project 2: Livable Neighborhoods Initiative; $12,500,000.00.
Project 3: Drainage Improvements; $2,530,000
Project 4: Swale Tree Trimming and Debris Clearance; $275,000.00.
Project 5: Removal of Australian Pines and other Exotics; $1,000,000.00.
Project 6: Community Emergency Response Teams (CERT); $50,000.00.
Project 7: Emergency Broadcast System; $90,000.00.
Project 8: Burial of Power Lines; $10,000,000.00.
Project 9: Floodproofing Police Department Building; $50,000.00.
Project 10: Pre-emptive Tree Trimming at City Parks; $40,000.00.

Town of Miami Lakes
Project 1: Public Information and Education; $10,000.
Project 2: Development Of An Emergency Response Plan; Estimated cost $35,000.
Project 3: Purchase Computerized Equipment Storage for Vital Public Records; $15,000.
Project 4: Purchase and Install Emergency Radio System; $115,000.
Project 5: Acquire Madden's Hammock; $8,000,000.
Project 6: Downtown area drainage improvements; $200,000
Project 7: Drainage improvements on Bull Run Road ; $1,000,000
Project 8: Tree trimming; $125,000
Project 9: Street sweeping and litter collection; $80,000

Miami Shores Village
Project 1: Harden Windows in 2nd Floor Police Department; $50,000
Project 2: Harden Windows in the Village Community Center; $50,000
Project 3: Harden Windows in the Recreation Field House; $50,000
Project 4: Harden Windows in the Miami Shores Golf & Country Club; $50,000
Project 5: Redesign Bayfront Park Seawall; $810,000
Project 6: Harden and Flood Proof Public Works Facility; Estimated cost $710,000
Project 7: Hurricane Proof Emergency Generator Room (Police Department); $61,000

City of Miami Springs
Project 1: Stormwater Management Master Plan; Estimated total cost: $2,300,000
Project 2: Storm Shutters for Municipal Buildings; $30,000
Project 3: Emergency Generator for the Senior Center; $30,000
Project 4: Creation of a Disaster Shelter; $3,000,000
Project 5: Telemetry System; Estimated cost $150,000
Project 6: Purchase and Install a Radio Repeater System; $45,000
Project 7: Removal of Hazardous Australian Pines; $90,000
Project 8: GIS System for Maintenance of Flood Zone Data
Project 9: Engineering Study to Determine Sites of Canal Bank Restoration; $60,000
Project 10: Storm Sewer Cleaning Program Improvements; $350,000

City of North Bay Village
Project 1: Storm Drainage, Sewage, Bay Restoration; $6,500,000
Project 2: Existing Sewer Force Main; $66,600
Project 3: Storm Drainage Outfall Protection; $100,000
Project 4: North Bay Island Stormwater Pump Station Rehabilitation; $124,840
Project 5: Underground Electrical Power Lines; $7,070,000
Project 6: Municipal Park; $1,400,000
Project 7: Hispaniola Sewage Pump Station; $100,000
Project 8: Digital City Survey; $35,500
Project 9: Smart Meters; $5,000

City of North Miami
Project 1: Flood Prevention and Mitigation: Drainage Basins 8 and 9; $1,550,000
Project 2: Non-critical Facilities Hazard Mitigation; $450,000
Project 3: Embankment stabilization at Keystone Point Bridge #2; $1,800,000
Project 4: Surge Resistance and Flood Mitigation at Keystone Point and Sans Souci;$2,000,000
Project 5: Sanitary Sewer Backup; $1,000,000
Project 6: Safeguarding Availability of Potable Water; $325,000
Project 7: Flood Zone Data Maintenance: GIS System; $125,000
Project 8: Global Positioning System; $12,000
Project 9: Emergency Portable Stormwater Pumps; $225,000
Project 10: Gravity Sewer Systems Improvements for Groundwater Infiltration Reduction; $6,000,000
Project 11: Emergency Power for Water and Sewer Utility Operations Center; $90,000
Project 12: Replacement Generator for Police Station; $250,000.
Project 13: Security for City Hall; $102,750
Project 14: Correct Water Infiltration at City Hall (EOC) Basement; $45,300
Project 15: Replacement of U.P.S. for Police Station; $80,000

City of North Miami Beach
Project 1: City of North Miami Beach Emergency Operations Center; $43,000.00.
Project 2: Construct DIRC Center/Establish CERTs
Project 3: Develop Evacuation Procedures & Contractual Agreements
Project 4: Perform Free Hurricane Inspections for City Residents
Project 5: Secure Shelter for Dependents of City Employees
Project 6: Establish Additional Hurricane Shelters
Project 7: Provide Disaster Training for Public Works Employee
Project 8: Establish a Community Outreach Program & Public Information Campaign
Project 9: Clean and Improve Drainage Systems
Project 10: Install Additional Stormwater Basins, or Increase Existing Basins; $30,000 per basin.
Project 11: Construct Injection Wells in Areas Prone to Flooding; $21,000 per well.
Project 12: Extend Sanitary Sewer System/Remove Septic Tank Systems; $15,000 per removal and replacement.
Project 13: Remove Australian Pines within City Limits
Project 14: Proactive Hurricane Tree Trimming and Pruning
Project 15: Renovation of Eastern Shores Outfall pipes; $550,000.
Project 16: Establishment of Emergency Operations Center for Public Services; $385,000

Project 17: Upgrading Generator at City Hall; $200,000.
Project 18: Norwood Water Treatment Plant Stormwater Retention Ponds; $600,000.
Project 19: Well Field Stormwater System Improvements; $29,000.
Project 20: Emergency Generators for Norwood Water Treatment Plant; $1,550,000.
Project 22: NE 172 Street Drainage Improvement; $1,791,692

Project 23: Eastern Shores Drainage Repair / Replacement; Estimated cost : $ 450,000
Project 24: Miami Industrial District Drainage & Roadway Improvement; $ 800,000
Project 25: NE 161 Street Drainage Improvement; Estimated cost : $ 350,000

City of Opa-locka
Project 1: Canal Clean-up
Project 2: Improved Storm Water Drainage System
Project 3: Pump System at Alexandria Gardens Apartments; Estimated total cost: $2,193,000
Project 4: Acquire Generators
Project 5: Storm Shutters
Project 6: Tree Trimming
Project 7: Mobile Emergency Command Center; $300,000
Project 8: Construct Hurricane Shelter; $4,000,000

Village of Palmetto Bay
Project 1: Drainage Improvements to Sub-Basin # 7; Estimated Cost $420,000.
Project 2: Drainage Improvements – SW 87th Ave. (from SW 168th St. to SW 184th St.); $500,000.
Project 3: Drainage Improvements – SW 92nd Ct. (from SW 168th St. to SW 170th St.); $330,000.
Project 4: Drainage Improvements – SW 84th Ave. (from SW 168th St. to SW 170th Tr.) SW 179th Tr. (from SW 77th Ave. to east Terminus); $480,000.
Project 5: Drainage Improvements – SW 141 Terrace, SW 174 Street from SW 92 Court to SW 92 Avenue, and SW 80 Avenue from SW 144 Street to SW 145 Street; $470,000
Project 6: Canal Bank Erosion Protection; $300,000
Project 7: Back-up Generators and Transfer Switches; $75,000
Project 8: Purchase of Portable Emergency Traffic Lights; $150,000
Project 9: Emergency Supplies and Equipment; $132,000
Project 10: Flood Zone Data Maintenance: GIS System; $100,000
Project 11: Drainage Improvements for Sub-Basin #6; $490,000.
Project 12: Drainage Improvements for Sub-Basin #8; $280,000.
Project 13: Drainage Improvements for Sub-Basin #9; $330,000.
Project 14: Drainage Improvements to Sub-Basin # 11; $330,000.
Project 15: Drainage Improvements for Sub-Basin #10; $310,000.
Project 16: Annual Operation and Maintenance of Sub-Basins; $413,000.
Project 17: Purchase Hurricane Preparedness & Debris Clearance Equipment; $282,450
Project 18: Acquisition of additional communication equipment; $132,000
Project 19: Hazardous Material Containment; $4,000
Project 20: Street Sweeping Program; $150,000.
Project 21: Swale and Tree Trimming Program (Funding Approved - Katrina Tier 1); $300,000.
Project 22: Acquire a High Water Vehicle; $50,000.
Project 23: Public Information & Education; $16,500
Project 24: Village of Palmetto Bay Emergency Operations Center; $1,200,000

Village of Pinecrest
Project 1: Purchase of Portable Emergency Traffic Lights; $100,000
Project 2: Improvements to Emergency Generator at the Pinecrest Municipal Center; $55,000
Project 3: Improvements to Pinecrest Gardens; $75,000
Project 4: Tree Trimming; $300,000
Project 5: Community Disaster Education Program; $25,000
Project 6: Reverse 911 System; $75,000
Project 7: Purchase Computerized Equipment Storage of Vital Public Records; $50,000
Project 8: Canal Bank Erosion Protection; $100,000
Project 9: Burial of Over-head Power Lines along Arterial Roadway; $50,000,000
Project 10: Public Works EOC Facility; $150,000

City of South Miami
Project 1: Improvement of the Stormwater Drainage System; $1.75 million
Project 2: Acquisition of Vacuum Truck for Drainage System Cleaning; $350,000
Project 3: Installation of Hurricane Shutters in City Buildings; $100,000
Project 4: Back-up Generator; $190,000
Project 5: Placing Utility Lines Underground; $3.9 million
Project 6: Watermain Upgrades / Relocation & Extensions; $1.5 million
Project 7: Sanitary Sewer Extension & Removal of Septic Tank System; $6.5 million
Project 8: Retrofit Existing Roof;

City of Sunny Isles Beach
Project 1: Central Island Drainage Project – Deep Well Construction; $40,000 per well Project 2: Improvements to the Government Center; $24,000.

Town of Surfside
Project 1: Remove Overhead Utility Lines
Project 2: Obtain Backup Generators
Project 3: Stormwater Management System Improvements
Project 4: Conduct a Study of Storm Surge Mitigation Measures; $50,000.
Project 5: Install Storm Shutters on the Town Hall; $147,000
Project 6: Generator Relocation; $48,000

City of Sweetwater
Project 1: Comprehensive Stormwater Drainage Project;
East Side Project: $2,170,000
Central Area Project: $4,300,000
Northside Project: $2,100,000
Project 2: Community Outreach
Project 3: City Hall
Project 4: Purchase City Vehicles

Village of Virginia Gardens
Project 1: Flood Mitigation Project
Project 2: Acquire Generator; $55,000.
Project 3: Acquire Trailer Mounted Flood Pump; $20,000.
Project 4: Debris Removal; $25,000.

City of West Miami
Project 1: Impact Resistant Windows and Doors for West Miami City Hall; $52,000
Project 2: Citywide Drainage Improvements; $6,000,000
Project 3: Reconstruction/Raising of the Public Works/Motor Pool Building; $550,000
Project 4: Reconstruction/Raising of the Recreational Center Building; $380,000

Private Sector & Other Participants
The municipalities are not the only LMS Working Group members that have developed hazard mitigation projects. Participation has included private not-for-profit corporations, schools and universities, civic associations and organizations and state of Florida agencies located within Miami-Dade County.

American Red Cross of Greater Miami and the Keys
Project 1: American Red Cross Shelter Operations; $500,000
Project 2: American Red Cross Physical Plant Retrofitting; $750,000
Project 3: American Red Cross Preventative Education and Outreach; TBD
Project 4: Public Information & Education; $350,000

Baptist Health South Florida
Project 1: South Miami Hospital Structure Enhancement; $7,000,000
Project 2: Doctors Hospital Medical Arts Building Wind Mitigation; $3,000,000
Project 3: Doctors Hospital Medical Arts Building Wind Mitigation; $1,556,000

Barry University
Project 1: Windstorm Protection for Thompson Hall; $325,000
Project 2: Windstorm Protection & Power Upgrade for Monsignor Barry Library; $575,000
Project 3: Windstorm Protection for LaVoie Hall; $275,000
Project 4: Windstorm Protection for Residence Halls; $950,000
Project 5: Hardened Roof and Windstorm Protection for Adrian Hall; $500,000
Project 6: Hardened Roof and Windstorm Protection for Garner Hall; $750,000
Project 7: Convert Existing Space for EOC; $150,000
Project 8: Purchase of Portable Emergency Power Generators; $300,000
Project 9: Purchase of Trailer Mounted Chiller; $800,000
Project 10: Drainage Improvements; $300,000

Camillus House, Inc.
Project 1: Construction of New Homeless Facility to "Code Plus" Standards; $4,000,000.
Project 2: Emergency Power Supply for New Homeless Facility; $700,000.
Project 3: Window Protection for Matt Talbot House; $250,000.
Project 4: Roof for Matt Talbot House; $53,000.
Project 5: Emergency Power Supply for Shelter and Food Storage at Matt Talbot House; $50,000.
Project 6: Window Protection for Good Shepherd Villas; $30,000.
Project 7: Drainage for Mother Seton Residence, St. Michael's Place & Naranja Cottages; $56,000.
Project 8: Emergency Power Supply for Naranja Cottages; $65,000.
Project 9: Emergency Power Supply for Central Warehouse; $32,000.

Catholic Charities of the Archdiocese of Miami
Project 1: Storm Shutter or Storm Window Installation; $280,000.
Project 2: Emergency Power Back-Up; $100,000

CHARLEE of Dade County, Inc.
Project: Install Hurricane Shutters
1. 11174 SW 112 Terrace, Miami – $8,300

2. 11390 SW 112 Terrace, Miami – $8,300
3. 7550 SW 69 Court, Miami – $7,280

Community Partnership for Homeless Inc.
Project: Harden Facility; $307,000

The Economic Opportunity Family Health Center, Inc.
Project 1: Harden Facilities; $75,000
Project 2: Harden Jefferson Reeves House; $150,000

Florida Atlantic University
Project; Small Business Development Center; $75,000

Florida International University
Project 1: Public Safety Code Plus Building Construction; $750,000
Project 2: Harden Health and Life Sciences (HLS) Building I; $ 625,000
Project 3: Harden Primera Casa/Charles Perry (01 PC) Building; $250,000
Project 4: Harden Bay View Housing ; TBD
Project 5: Harden Health and Life Sciences (HLS) II ; $500,000.
Project 6: Harden Owa Ehan Building; $250,000
Project 7: Harden BBC Library; $750,000
Project 8: Harden Engineering and Computer Science Building; $160,000
Project 9: Harden Chemistry and Physics Building; $1,000,000
Project 10: Harden Graham University Center ; $3,750,000
Project 11: Harden Academic One (ACI) Building ; $750,000
Project 12: Harden the Wolfe University Center ; $750,000
Project 13: Harden Academic II Building; $600,000
Project 14: Harden Viertes Haus Building; $750,000
Project 15: Harden Wolfsonian Annex; $100,000.
Project 16: Harden Wolfsonian Museum ; $200,000.
Project 17: Develop Warning, Education, and Traffic Management Plans; $400,000.

Florida Memorial University
Project 1: Windstorm Protection for Residence Halls; Brown & Coleman at $129,000 each, Robinson at $48,000
Project 2: Create On-campus Hurricane Shelter; $108,000

Hialeah Housing Authority
Project 1: Ashley Plaza; $255,000
Project 2: Patterson Pavilion; $73,250
Project 3: Holland Hall; $170,750
Project 4: Hoffman Gardens; $1,470,900
Project 5: Milander Manor; $48,384
Project 6: La Esperanza; $93,600
Project 7: Bright Villas; $64,800
Project 8: Dale Bennett; $116,400
Project 9: Project 16; $125,200
Project 10: Ruth Tinsman; $67,680
Project 11: Project 21; $29,500

Project 12: 56 Street
Project 13: 68 Street; $105,408
Project 14: 28 Street; Estimated cost per building: $24,192
Project 15: 32 Street; $11,520
Project 16: 33 Street; $11,232
Project 17: E. 4th Avenue; $29,644
Project 18: Bright Villas; $116,800

Jackson Health System
Project 1: Ryder Trauma Center Fortification; $12,000,000
Project 2: Installation of Impact Resistant Windows at Jackson North; $1,500, 000
Project 3: Installation of Shutters at Highland Pavilion; $ 1,072,000
Project 4: Installation of Impact Resistant Windows at Institute Annex; TBD
Project 5: Installation of High Impact Resistant Windows at Rehab Annex; TBD
Project 6: Securing Critical Equipment at JNMC; TBD
Project 7: Tank Farm Protective Enclosure at JNMC; TBD
Project 8: Cooling Towers Enclosures at JNMC; TBD
Project 9: Generator and Control Elevation at JNCMHC; $400,000.
Project 10: Emergency Power for Kitchen; $1,000,000.

Mercy Hospital
Project 1: Replace Roof - Surgical Mechanical Room; $298,000.
Project 2: Replace Roof – South Wing Building; $740,000.
Project 3: Waterproof Wall – Kohly Building; $400,000.
Project 4: Reconfigure Windows – East Wing Building; $90,000.
Project 5: Replace Windows with Pressure-rated Units; $1,500,000.

University of Miami
Project 1: Bascom Palmer Eye Institute Wind Protection; $3,300,000
Project 2: University of Miami Hospital Wind Protection; $2,900,000
Project 3: University of Miami Hospital Flood Protection; $800,000
Project 4: Business School Building Code Plus Wind Protection; $4,434,000.
Project 5: Business School Building Code Plus Building Fortification; $1,400,000
Project 6: Business School Building Code Plus Power and Water; $750,000
Project 7: Smathers Wellness Center Wind Retrofit; $4,500,000.
Project 8: Smathers Wellness Center Power and Water Fortification; $1,000,000
Project 9: Hardening of Medical Campus Power and Chiller Plant to Code Plus; $2,000,000
Project 10: Flood Protection for the Rosenstiel Building Steam Plant; $1,750,000.
Project 11: Wind Retrofit, Flood Protection, & Power Upgrade for Eaton Hall; $2,000,000
Project 12: Wind Retrofit and Flood Protection for Mahoney-Pearson Residential Halls; $2,500,000
Project 13: Wind Retrofit and Flood Protection for Stanford Towers; $1,700,000
Project 14: Medical Campus Fuel Tank; $120,000
Project 15: Wind Retrofit and Flood Protection for Sewell Building; $500,000
Project 16: Retrofit Marine Campus Auditorium as Emergency Command Center; $750,000
Project 17: Wind Retrofit and Flood Protection for McArthur Annex; $500,000
Project 18: Wind Retrofit and Flood Protection for Ferre Building; $500,000
Project 19: Wind Retrofit and Flood Protection for Gables One Building; $3,300,000
Project 20: Wind Retrofit and Flood Protection for Panhellenic Building; $500,000

Project 21: Wind Retrofit and Flood Protection for Law Buildings C and E; $500,000
Project 22: Wind Retrofit and Flood Protection for Fillmore Building; $500,000
Project 23: Wind Retrofit and Flood Protection for Volpe Building; $500,000
Project 24: Wind Retrofit and Flood Protection for Weeks Building; $500,000
Project 25: Wind Retrofit and Flood Protection for Architecture Buildings 48 and 49; $900,000
Project 26: Upgrade Emergency Power for Max Orovitz Building; $300,000
Project 27: Wind Retrofit Protection for Koubek Auditorium; $200,000
Project 28: Wind Retrofit Protection for Koubek Center Mansion; $300,000

Miami Bridge Youth and Family Services, Inc.
Project: Windstorm Protection; TBD

Miami Beach Community Health Center, Inc.
Project 1: Roofing Project SCM; $180,000.
Project 2: Install Generator Platform; $15,000.

Miami Beach Housing Authority
Project 1: Windstorm Protection for Rebecca Towers South; $755,640
Project 2: Windstorm Protection for Rebecca Towers North; $755,640
Project 3: Shutter 211 Collins; $150,000
Project 4: Replace Generator, Rebecca Towers South; $100,000
Project 5: Replace Generator, Rebecca Towers North; $100,000

Miami Children's Hospital
Project 1: Patient Bed Tower - Code Plus Construction; $4,300,000.
Project 2: Harden Northeast Building; $ 3,330,260.
Project 3: Harden Warehouse / Supply Building; $1,100,000.
Project 4: Variety Central Hardening; $1,000,000
Project 5: Harden IT Department Facility; $ 1,000,000.
Project 6: Harden Research Building Exterior; $3,000,000.
Project 7: Harden Variety East Wing – Inpatient Center; $3,000,000.
Project 8: Harden Variety West; $1,000,000
Project 9: Electrical Panel & Emergency Power Hardening & Elevation Variety Central Building; $1,700,000
Project 10: Electrical Panel & Emergency Power Hardening & Elevation - South Dade Campus; $500,000
Project 11: Main Campus Equipment Tie Downs; $100,000
Project 12: Electrical Panel & Emergency Power Hardening & Elevation –Northeast Building; $1,300,000
Project 13: Electrical Panel & Emergency Power Hardening & Elevation – Ambulatory Care Building; $1,000,000
Project 14: Tie Down Central Energy Plant Rooftop Equipment; $TBD

Miami Christian School
Note: Miami Christian School has successfully mitigated all campus buildings for windstorm protection. Congratulations from the Miami-Dade Local Mitigation Strategy Working Group.

Miami Dade College
Project 1: Entrepreneurial Education Center Building 1000 Wind Mitigation; $114,400
Project 2: Medical Center Campus Building 1000 Wind Mitigation; $200,000
Project 3: Medical Center Campus Building 2000 Wind Mitigation; $263,000
Project 4: Hialeah Campus Building 1000 (Classroom Building) Wind Mitigation; $250,000
Project 5: Hialeah Campus Building 2000 (Support Building) Wind Mitigation; $41,000
Project 6: North Campus Building 1000 Wind Mitigation; $374,200
Project 7: Wolfson Campus Building 1000 Wind Mitigation; $400,000
Project 8: Wolfson Campus Building 2000 Wind Mitigation; $200,000
Project 9: West Campus Administrative and Classroom Building Wind Mitigation; $75,000
Project 10: Wolfson Campus Building 1000 Flood Mitigation; $150,000
Project 11: Wolfson Campus Building 5000 (NWSA) Flood Mitigation; $135,000

Miami-Dade County Public Schools
Project 1: Harden Schools as Evacuation Shelters
Project 2: Flood Proof Lindsay Hopkins Technical Education Center; $449,000
Project 3: Add Roof Tie-downs, Window and Door Protection, Flood Barriers
Project 4: Windstorm Protect for the Ana Brener Myers Building; $700,000.
Project 5: Windstorm Protection for School Board Administration Complex; $150,000

Miami Lighthouse for the Blind
Project: Install Window Protection; Estimated cost $160,000

Mount Sinai Medical Center
Project 1: Protect Oxygen Supply; $950,000
Project 2: Harden Lowenstein Nurses Building – Enclosures; $450,000
Project 3: Harden Mount Sinai Aventura; $2,500,000
Project 4: Harden Warner Building Envelope; $4,660,000
Project 5: Bracing for Roll-up Doors; $30,000
Project 6: Harden Roof Replacement; $200,000
Project 7: Mitigate the Impact of Storm Surge; $350,000.
Project 8: Reinforce Exterior Poles/Masts Anchoring; $30,000.
Project 9: Protect / Anchor Exterior Movable Equipment; $18,000.
Project 10: Harden Child Care Building; $125,000
Project 11: Harden Greenspan Roof; $ 500,000
Project 12: Relocate Operating Rooms; $16,500,000
Project 13: Protect In-Place Emergency Power Equipment;
Project 14: Elevation of Key Medical Equipment
Project 15: Protect In-Place Critical Cardiac Services; $2,000,000
Project 16: Code Plus Construction Enhancements Central Energy Plant; $1,750,000.
Project 17: Code Plus Construction Enhancements Surgical Tower; $1,500,000.
Project 18: Code Plus Construction Enhancements New Medical Office Tower; $750,000.

Quality Response Solutions, Inc.
Project: Develop High Rise Safety Program; Estimated cost $30,000

St. Lawrence School
Project: Harden School Buildings; $135,500

St. Thomas University
Project 1: Hurricane Screens for Main Library; $364,000.
Project 2: Shutters for the Law School and Law Library; $349,600.

South Florida Regional Planning Council
Project 1: South Florida Regional Hurricane Evacuation Study Update; $50,000 grant, $50,000 SFRPC match.
Project 2: Disaster Resistant Economic Activity for Mitigation (DREAM) Teams; $75,000 grant, $75,000 SFRPC match.
Project 3: South Miami-Dade Watershed Study; $250,000 grant, $250,000 SFRPC match.

South Florida Water Management District
Project 1: C-2 Canal Conveyance Improvements; $2,480,000
Project 2: C-5 Canal Conveyance Improvements; $1,060,000
Project 3: Forward Pumping at S-27 on the C-7 Canal; $4,600,000
Project 4: G-93 Structure Improvements; $150,000
Project 5: Raise Bank Elevation on C-4; $2,000,000
Project 6: Forward Pumping at S-28 on the C-8 Canal; $5,000,000
Project 7: Forward Pumping at S-29 on the C-9 Canal; $5,000,000
Project 8: Install Berm on C-1 Canal South of SW 168th Street; $46,500
Project 9: Install Berm on C-1 Canal West of SW 122nd Avenue; $51,600
Project 10: Install Berm on C-1 Canal East of SW 155nd Avenue; $172,000
Project 10: Install Berm on C-1 Canal South of SW 167th Street; $137,000.
Project 11: Conveyance Improvements on theC-1 Canal; $2,200,000
Project 12: Berm on C-1 Canal; $47,000
Project 13: Containment Berm on the C-1-N; $52,000
Project 14: Containment Berm on the C-1-W; $172,000
Project 15: Containment Berm on the C-1-S; $137,000
Project 16: Canal Conveyance Improvements, South Portion of the C-1 Canal; $2,197,000
Project 17: Reduce Water Levels Throughout the C-1 Basin; $1,414,000
Project 18: Raising canal banks on the C-102; $742,000
Project 19: Improvements to a Stretch of C-102 Canal; $4,801,000
Project 20: Raising Canal Banks on Segments of the C-102; $355,000
Project 21: Improve Canal Restriction along C-102N; $1,642,000
Project 22: Improvements on the C-103 Canal; $2,000,000
Project 23: Install Forward Pump on the C-1; $3,000,000 (Approximate)
Project 24: Capacity Improvements of S-148 Structure; TBD
Project 25: Replace Caribbean Boulevard Bridge; $1,400,000
Project 26: Construction of Wetland Storage Area; $22,000,000

List of LMS Changes

Section	Page	Change Made	Purpose
Introduction	2	Define use of divisional groups;	To clarify the purpose and use of the divisional groups
	4	Added a revision procedure	To explain the revision process
	5	Added how to use document section	To better define the scope of this document and how it relates to other planning mechanisms
Part I	19-29	Added extent, location, and vulnerability of impact as necessary	To better define those hazards relative to extent, location, and vulnerability
	35, 36	Define revision process	To clarify the revision process and how information for incorporation into the LMS document is received
Part II	39	Added "Project Administration and Implementation"	To define the operational components of each project and define implementation procedures
Part III		N/A	N/A
Appendices	266-268 (C)	Separated hurricane wind and storm surge Added "Vulnerabilities" to table Defined Frequency and Probability labels Added "Occurrence" Added the Saffir-Simpson Scale	To correlate Tables 1 and 2 and add required information
	274 (E)	Updated flood zone map	To provide current information
	276 (E)	Added Storm Surge Map	To provide required information
	280-282 (F)	Added Repetitive Loss Chart Added NFIP compliance requirements	To provide current information and add required information
	288 (H)	Updated municipal participation	To provide current information

Section	Page	Change Made	Purpose
	429-430 (K)	List of Changes	Documenting changes to plan

All changes listed above except those that appear in "The Projects" subsection were made in response to the five-year review process. The changes in "The Projects" subsection have not been captured in the chart above due to unforeseen management changes within the LMS program. However as identified in this document, each participant of the LMS Working Group is asked to submit their updated project list twice a year for inclusion in the June 30th and December 31st publications of the LMS document. Consequently, each member is responsible for monitoring their project lists for appropriate changes and updating.

Memorandum

MIAMI-DADE COUNTY

Date:

To: Honorable Dennis C. Moss, Chairman
and Members, Board of County Commissioners

From: George M. Burgess
County Manager

Subject: Resolution Calling for a Special Election to Modify the Miami-Dade County Home Rule Charter to allow the Miami-Dade County Board of County Commissioners to Abolish a Municipality with Twenty or Fewer Electors

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Recommendation

It is recommended that the Miami-Dade County Board of County Commissioners (BCC) approve the attached resolution calling for a special election to be held in conjunction with a State of Florida primary election on August 24, 2010. This election will determine if the Miami-Dade County Home Rule Charter (Charter) is amended to allow the BCC to abolish a municipality with twenty or fewer electors.

Scope

This item will have a County-wide impact. Currently the only municipality with twenty or fewer electors is the City of Islandia located in Commission District 9.

Fiscal Impact

This item may have a fiscal impact on the County. Should any municipality's electorate fall below twenty-one persons, the BCC may consider abolishing that municipality. Depending on the services provided and revenues generated in the area, the impact to the County may be positive or negative.

Track Record/Monitor

The Office of Strategic Business Management currently oversees all incorporation and annexation issues for the County and will continue to do so.

Background

Currently the Miami-Dade County Charter does not contain any provision for the abolition of a municipality where there is no representation. Article 6 of the Charter does make provisions for cities to remain in existence and can only be abolished with approval from a majority of its electors voting in an election for that purpose.

The City of Islandia was created by the BCC in 1960 by Ordinance 60-45 and later approved by 12 voters. Islandia is located in Biscayne Bay, just north of Key Largo consisting of 33 specs of land with Elliot Key being the largest piece of land. The city was formed with the idea of developing the area with luxury hotels, golf courses, waterfront homes and connecting it to the mainland with a bridge. Because the plans for development were so audacious, conservationists fought the idea and the Department of the Interior began to purchase property and now owns most of the island and it is part of Biscayne National Park.

On January 11, 2010, the members of the Florida Legislature Joint Legislative Auditing Committee adopted a motion to encourage Miami-Dade County to proceed with the dissolution of the City of Islandia. According to the Florida Department of Revenue, City of Islandia has failed to file reports required by the State including TRIM compliance and Annual Financial Reports since 1998. According to the Miami-Dade Tax Collector's Office, the City of Islandia has not filed the proper paperwork to collect the tax revenue associated with the City. Additionally, the Office of the Property Appraiser has not had any contact with the City Clerk or any other official contact for the city in years.

Jennifer Glazer-Moon, Special Assistant/Director
Office of Strategic Business Management

cmo13110