

Hurricane Irma Financial Update

Board of County Commission Meeting March 21, 2018

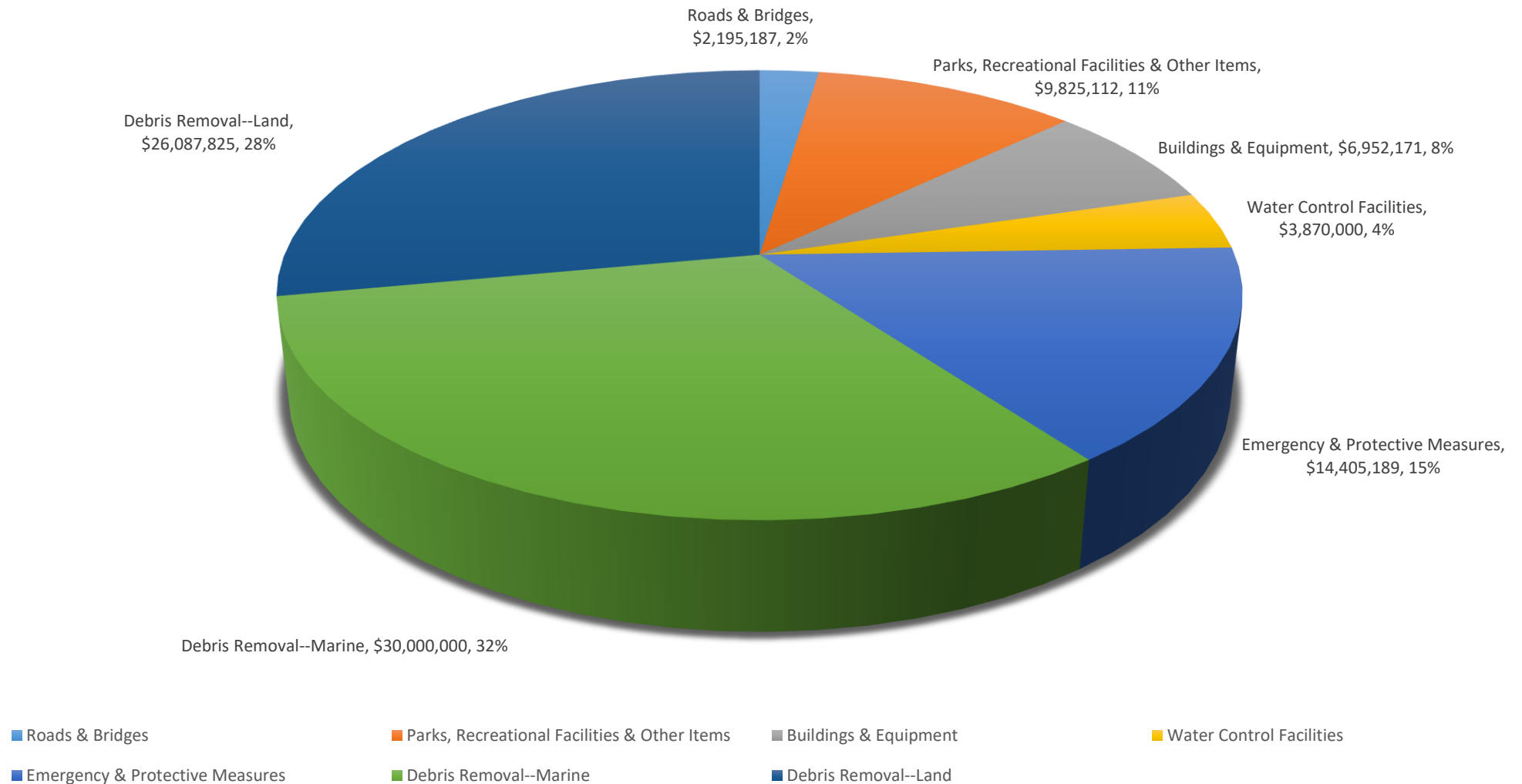
Tina Boan, Sr. Director | Monroe County Budget and Finance

Projects Submitted to FEMA as of 2/28/18

Project ID	Date Uploaded to FEMA Portal	Description of Project	Project Cost Submitted	Project Cost Obligated
MC-B-003 FEMA5072 PW 22	11/14/2017	Force Account Labor 100% Cost Share	\$2,701,506.15	\$2,667,613.65
MC-B-018 FEMA9657 PW 41	12/1/2017	Temporary Sanitary Facilities 100% Cost Share	\$62,005.00	\$60,949.50
MC-B-019 FEMA8880 PW 39	12/1/2017	Fire/Rescue Medical Supplies 100% Cost Share	\$110,477.79	\$106,465.29
MC-B-020 FEMA9376 PW48	12/1/2017	Temporary Fencing 100% Cost Share	\$25,008.00	\$23,507.50
MC-B-021 FEMA9386	12/1/2017	Satellite Systems 100% Cost Share	\$102,586.00	
MC-B-010 FEMA11613 PW 164	1/13/2018	Force Account Vehicle & Equipment 100% Cost Share	\$611,817.33	\$524,114.82
MC-A-023 FEMA11667	1/13/2018	Higgs Beach Sand Cleanup 100% Cost Share	\$65,188.00	
MC-B-015 FEMA16549	1/13/2018	Emergency Repairs of Roads and Bridges 100% Cost Share	\$11,780.00	
MC-B-025	1/25/2018	Temporary Road Repair 75% Cost Share (labor, road signs, orange cones, barricades, asphalt and rock)	\$66,303.00	
MC-B-035 FEMA16038	2/16/2018	Emergency Operations Center 100% Cost Share (materials, contracts, rentals)	\$205,446.00	
FEMA16035	2/16/2018	Base Camp 100% Cost Share	\$6,593,062.05	
MC-A-002 FEMA9400	2/16/2018	Contract Debris Removal 90% Cost Share	\$5,092,359.00	
FEMA32556	2/16/2018	Temporary Repairs 100% Cost Share	\$447,721.08	
			\$16,095,259.40	\$3,382,650.76

Total Category A: \$5,157,547.00
 Total Category B: \$10,937,712.40

Preliminary Cost Estimates by Category



Preliminary Cost Estimates by Category

Category A	Debris Removal--Land	\$26,087,825
Category A	Debris Removal—Marine	\$30,000,000
Category B	Emergency & Protective Measures	\$14,405,189
Category C	Roads & Bridges	\$2,195,187
Category D	Water Control Facilities	\$3,870,000
Category E	Buildings & Equipment	\$6,952,171
Category G	Parks, Recreational Facilities & Other Items	<u>\$9,825,112</u>
Total:		\$93,335,484

Note--estimates are preliminary and do not include airports and mitigation

Cost Share Descriptions--Emergency

Category A—Debris Removal

90% Cost Share-FEMA	First 30 days
5% Cost Share-State	First 30 days
5% Cost Share-County	First 30 days
75% Cost Share-FEMA	Post 30 days
12.5% Cost Share-State	Post 30 days
12.5% Cost Share-County	Post 30 days

Category B—Emergency & Protective Measures

100% Cost Share-FEMA	First 30 days
75% Cost Share-FEMA	Post 30 days
12.5% Cost Share-State	Post 30 days
12.5% Cost Share-County	Post 30 days

Cost Share Descriptions--Permanent

Category C—Roads & Bridges

75% Cost Share-FEMA All Work

12.5% Cost Share-State All Work

12.5% Cost Share-County All Work

Category D—Water Control Facilities

75% Cost Share-FEMA All Work

12.5% Cost Share-State All Work

12.5% Cost Share-County All Work

Category E—Buildings & Equipment

75% Cost Share-FEMA All Work

12.5% Cost Share-State All Work

12.5% Cost Share-County All Work

Category G—Parks, Recreational & Other Items

75% Cost Share-FEMA All Work

12.5% Cost Share-State All Work

12.5% Cost Share-County All Work

Expenses by Fund as of 2/28/18

Hurricane Irma Activity by Fund			FY17 Actual	FY18 Actual	Actual Total
Grant Fund - Fund 125					
125	0459110	Personnel	\$2,509,179	\$402,575	\$2,911,754
125	0459110	Operating	\$3,470,917	\$767,384	\$4,238,301
125	0459110	Capital	\$46,642	\$2,545	\$49,187
Total			\$6,026,738	\$1,172,504	\$7,199,242
Marathon Airport - Fund 403					
403	635102	Personnel	\$30,116	\$7,576	\$37,692
403	635102	Operating	\$3,505	\$146,642	\$150,147
403	635102	Capital	\$0	\$0	\$0
Total			\$33,621	\$154,218	\$187,839
Key West Airport - Fund 404					
404	630191	Personnel	\$77,258	\$1,094	\$78,352
404	630191	Operating	\$28,516	\$83,817	\$112,333
404	630191	Capital	\$0	\$5,026	\$5,026
Total			\$105,773	\$89,937	\$195,710
MSD Solid Waste - Fund 414					
414	40003	Personnel	\$49,396	\$1,883	\$51,279
414	40003	Operating	\$1,326,521	\$10,754,155	\$12,080,675
414	40003	Capital	\$0	\$0	\$0
Total			\$1,375,916	\$10,756,038	\$12,131,954
TOTAL			\$7,542,048	\$12,172,697	\$19,714,746

Project Management Department Hurricane Projects

Note: Estimates are preliminary and do not include mitigation.

Lower Keys Facilities

\$3,258,129

▪ Bayshore Manor	\$29,048
▪ Big Pine Library	\$50,000
▪ Big Pine Senior Center	\$125,000
▪ DMV Key West	\$6,500
▪ East Martello	\$25,800
▪ Facilities Garage/Office Key West	\$69,500
▪ Freeman Justice Center-Jackson Square	\$750,000
▪ Gato Building	\$750,000
▪ Historic Courthouse, Jackson Square	\$100,000
▪ Key West Lighthouse and Quarters	\$100,000
▪ Key West May Hill Public Library	\$2,281
▪ West Martello	\$1,250,000

Project Management Department Hurricane Projects

Lower Keys Parks

\$4,818,230

▪ Bay Point Park	\$80,865
▪ Big Pine Community Park	\$2,500,000
▪ Big Pine Sheriff House @ Big Pine Park	\$300,000
▪ Blue Heron Park & Community Center	\$300,000
▪ Boca Chica Beach	\$3,000
▪ Fireman's Park	\$6,415
▪ Higgs Beach Park	\$1,000,000
▪ Pines Park	\$9,000
▪ Stiglitz Community Center at Watson Park	\$250,000
▪ Watson Field Park	\$350,000
▪ Wilhelmina Park	\$18,950

Project Management Department Hurricane Projects

Middle Keys Facilities

\$655,350

- Marathon Public Defender/ State Attorney \$1,200
- Marathon Courthouse \$21,650
- Marathon Clerk of the Court \$2,500
- Marathon Tax Collector's Office \$250,000
- Ruth Ivins Health Center Marathon \$24,000
- Marathon Senior Center \$4,000
- Medical Examiner \$42,000
- Marathon Government Center \$25,000
- Marathon Government Annex \$200,000
- Marathon Animal Shelter \$30,000
- Marathon Public Works Yard Fleet \$55,000

Middle Keys Parks

\$1,250,000

- Veteran's Park \$1,250,000

Project Management Department Hurricane Projects

Upper Keys Public Facilities

\$673,235

- Ellis Building \$5,000
- Islamorada Library \$125,000
- Key Largo Library \$500,000
- Murray Nelson Government Center \$3,235
- Plantation Key Government Center \$15,000
- Roth Building \$25,000

Upper Keys Parks

\$3,756,882

- Friendship Park \$5,882
- Garden Key Cove \$4,500
- Harry Harris Park \$3,250,000
- Key Largo Community Park \$450,000
- Old Settlers Park \$6,000
- Rowell's Waterfront Park \$40,500

Project Management Department Hurricane Projects

Fire and Sheriff's Stations

\$2,075,172

▪ Big Coppitt Fire Station #9	\$75,000
▪ Big Pine Fire Station #13	\$5,872
▪ Conch Key F/R St #17	\$1,000
▪ Crawl Key Fire Academy	\$4,000
▪ Cudjoe Sherriff's Substation	\$34,700
▪ Layton Fire Station #18	\$4,000
▪ Marathon Detention Center	\$100,000
▪ Marathon Substation	\$35,000
▪ Monroe County Sheriff's Headquarters	\$1,500,000
▪ Stock Island Detention Center	\$100,000
▪ Stock Island Fire Station # 8	\$6,300
▪ Sugarloaf Fire Dorm	\$9,300
▪ Tavernier Fire Station #22	\$200,000

Project Management Department Hurricane Projects

Monroe County Towers

\$85,800

- NAS Sigsbee \$10,500
- Long Key Tower \$43,000
- Scout Key Tower \$31,800
- Grassy Key Translator \$500

Boat Ramps

\$94,485

- State Road 4A Boat Ramp \$23,000
- Big Coppitt Boat Ramp \$12,325
- Geiger Key Boat Ramp \$28,000
- Blimp Road Boat Ramp \$7,380
- Koehn's Avenue Boat Ramp \$8,052
- Sunset Point Park Boat Ramp \$15,728

Transfer Stations

\$110,000

- Long Key Transfer Station \$100,000
- Cudjoe Transfer Station \$10,000

Total Preliminary Project Estimates Excluding Mitigation

\$16,777,283

Project Management's Top 12 Work Projects

Project	FEMA Site Inspection Date	Estimated Cost
Big Pine Key Community Park & Sheriff's House	4/2/2018	\$2,800,000.00
Big Pine Senior Center	4/13/2018	\$125,000.00
Blue Heron Park & Community Center	4/4/2018	\$300,000.00
Harry Harris Park	4/6/2018	\$3,250,000
Higgs Beach Park	4/23/2018	\$1,000,000
Key West Historic Courthouse	4/27/2018	\$100,000
Marathon Government Annex	4/16/2018	\$200,000
Marathon Tax Collector	4/11/2018	\$250,000
Monroe County Sheriff Headquarters	4/18/2018	\$1,500,000
Stiglitz Community Center at Watson Park	4/9/2018	\$250,000
Tavernier Fire Station	4/20/2018	\$200,000
West Martello	4/25/2018	\$1,250,000
		\$11,225,000.00

Monroe County Hazard Mitigation Grant Program

Project Title	Preliminary Project Cost	Description
County-Wide Emergency Back-up Power Enhancements for Critical Facilities	\$6,000,000	Provides emergency back-up generators, additional fuel capacity, and redundancy improvements at 39 sites within the County. Protects 911, Communications Towers, Fire Departments, Marathon Airport, and County Facilities.
Wind-Retrofit of County Facilities	\$8,837,280	Consists of the purchase and installation of impact-resistant windows to protect against failure due to high winds and debris. Will also protect against rain-water intrusion during high-wind events. Protects County Operational Buildings, MCSO HQ, DJJ, and several others.
Twin Lakes and Sands Subdivision - Road Elevation and Drainage Improvements (SLR Pilot)	\$3,900,000	This project is the implementation phase of the Pilot Program developed by the Sustainability and Engineering/Roads Departments. It proposes to achieve a minimal and consistent elevation of roads in two of the most susceptible areas of the County to reduce anticipated tidal flooding and the blockage of the roads during King Tide, Storm Tide, and other atypical tidal flooding events.
County-Wide Road Elevation and Drainage Improvements (Phase 1 of 2)	\$367,200,000	This project is proposed as a follow-up project to the Pilot Program. The Project would expand the road elevation process to a maximum of 68 miles of road within the County that would be vulnerable to inundation expected by SLR within 30 years.
Saferoom Enhancements for County EOC (Phase 1 of 2)	\$10,000,000	FEMA 361 will provide federal funding to construct a "Saferoom" that provides near absolute protection from high winds. In the context of a to-be-constructed facility, if program requirements are met, FEMA will potentially reimburse a significant portion of design and construction costs for the facility.
Local Mitigation Strategy Update	\$700,000	This project proposes to undertake the required 5-year update of the Local Mitigation Strategy document. It also includes various Sustainability initiatives that are consistent with the LMS document.
West Martello Seawall Improvements	\$500,000	The County is proposing to install a wave-deflecting mechanism that would reduce the currently experienced erosion of sand behind the seawall.
Emergency Communications and Warning Upgrades	\$600,000	This project is proposing to permanently install three (3) "Cellular on Wheels" ("COWS") systems and associated signal equipment at the three main County governmental buildings (MEN, MGC, & HGC). The towers act to boost cellular communication after it is disabled by some event or cause.
Phone System/Communications Upgrades	\$400,000	This project would seek to upgrade communications capabilities at all required County facilities by bringing the phone systems to a higher, and internally consistent, level of service during disaster and peace-time operations.
Total Potential Funding Sought	\$398,137,280	

Section 404 Mitigation of the Stafford Act “HMGP”

- What is the HMGP – “Hazard Mitigation Grant Program”
 - Post-Disaster Program that Funds Projects to Reduce Risk and Vulnerability of Public Infrastructure

 - Typical Project Types
 - Hardening of Public Facilities Against High Winds “Wind-Retrofit”
 - Purchase and Installation of Emergency Generators for Critical Facilities
 - “Code-Plus” Improvements for To-Be-Built Facilities
 - Improvements to Roads and Infrastructure to Improve Drainage and Flood Control (“Drainage”)
 - Certain Types of Planning and Emergency Communications Equipment, in Limited Circumstances

Section 404 Mitigation “HMGP”

- Other Eligible Project Types
 - Local Government-Sponsored Mitigation of Private Property
 - Elevation of Residences to Above Base Flood Elevation (“Elevation”)
 - Acquisition & Demolition of Existing Structures, followed by Restoration to Open Space (“Acquisition”)
 - Demolition of Existing Single-Family Structures and Reconstruction of Elevated/Hardened Single-Family Structure (“Mitigation Reconstruction”)
 - Hardening of Structures Against High Winds (“Wind-Retrofit”)

- Non-Eligible Project Types
 - New Construction Not Providing Risk Reduction or Hazard Mitigation
 - Repairs or In-Kind Replacements of Structures or Infrastructure

Section 404 Mitigation “HMGP”

- HMGP and the Local Mitigation Strategy (“LMS”)
 - HMGP Funds are Allocated Based on Disaster Damage Amounts at the Geographic County Level
 - Each County is Required to Form a Local Mitigation Strategy Working Group (“LMSWG”), Inclusive of All Eligible Jurisdictions, to Develop a Strategy and Submit “Projects” When Funding Becomes Available
 - Florida Administrative Code 27P-22 Provides the Regulation Governing the LMS and LMSWG Processes
 - Monroe County has an Existing LMS and LMSWG; the Group is Currently Working Through the Step 2 Ranking Process with All Stakeholders

Section 404 Mitigation “HMGP”

- LMS Scoring and Ranking Process
 - The LMSWG Issues a Solicitation to All Applicants for Notices of Intent (“NOI”) for Mitigation Activities (“Projects”)
 - Following the Issuance of a Notice of Funding Availability (“NOFA”) from FDEM or FEMA, the LMSWG Requests a Characterization Form (“Step 2 Form” – Pre-Application) for All Projects to be Scored and Ranked by the LMSWG
 - The LMSWG Creates a Ranking “Sub-Committee” to “Score” Each Step 2 Form Against the Pre-Existing Ranking Criteria [see attached]
 - Step 2 Forms are Ranked Highest Score to Lowest by the LMSWG and the List is Disseminated to the Members
 - Members/Applicants then Determine Which Applications They Wish to Fully Develop and Submit. [Applications Typically Due within 9 months of Disaster Date]

Section 404 Mitigation “HMGP”

- HMGP Application Review, Approval, and Implementation
 - FDEM Reviews and Approves Applications Roughly in the Order they are Ranked by the LMSWG. Reviews Can Take Months or More than a Year; There are Typically Several Requests for Additional Information from FDEM.
 - If/Once Approved, FDEM Awards the Project (“Sub-Grant”) to the Appropriate Applicant/Jurisdiction, and a Sub-Grant Agreement Must be Executed.
 - No construction, demolition, or acquisition of equipment or land may take place prior to the execution of the Sub-Grant Agreement. Doing so invalidates the Sub-Grant.
 - Applicants Must Then Capitalize and Implement the Project – the HMGP is a Reimbursement-Based Program with a Typical Cost Share of 25% Non-Federal Funds
 - Applicants Report Quarterly on Their Progress, and Request Reimbursement with Evidence and Documentation of Eligible Costs Incurred.
 - Final Financial & Programmatic Reconciliation (“Closeout”) Occurs at the Completion of All Construction, Financial, and Administrative Activities

Section 404 Mitigation “HMGP”

- HMGP Pitfalls

- Procurement – Local Governments Must Strictly Adhere to 2 CFR Part 200 (Uniform Administrative Requirements & Cost Principles)
- Timing – Projects Cannot Begin Until the Execution of the Sub-Grant Agreement; Projects (Inclusive of All Activities) Must be Capable of Being Completed Within Three Years of FDEM Award
- For All Types of Projects, Including Private Property Mitigation, the Applicant Must Act as the Financial Agent and is Responsible for Ensuring Financial and Programmatic Compliance with Federal Rules and Regulations.
- Additional Funding – Florida’s “Tiered” System of Allocation for the HMGP May Result in Additional Funds Available to Highly Affected Counties 1-3 Years Following the Disaster. Over-Submission of Applications (Relative to the Initial Allocation Amount) is Highly Encouraged by FDEM

Additional Recovery Resources

- Community Development Block Grants (Disaster Appropriation) [“CDBG-DR”]
 - Congress Has Approved Over \$600 million for Florida Following Irma.
 - The State Will Act as the Administrative Entity Implementing the CDBG-DR Program in Florida; Eligible Applicants Will Submit Project Concepts for Funding Through the Program
 - CDBG-DR Will Focus on Un-Met Housing Needs [Federal Register – Feb 9, 2018]
 - “Given the extent of damage to housing in the eligible disaster areas and the very limited data at present regarding unmet infrastructure and economic revitalization needs, this notice requires each grantee to primarily consider and address its unmet housing recovery needs”
 - “A grantee may also allocate funds to address unmet economic revitalization and infrastructure needs, but in doing so, the grantee must identify how unmet housing needs will be addressed or how its economic revitalization or infrastructure activities will contribute to the long-term recovery and restoration of housing in the most impacted and distressed areas”

Additional Recovery Resources

- FEMA Pre-Disaster Mitigation (“PDM”)
 - Annual FEMA Program to Fund Hazard Mitigation Projects
 - Similar to HMGP, but Competitive Nation-Wide
 - Both Infrastructure and Private Property Mitigation is Eligible
 - Annual Funding Priorities Vary
 - Typically Not Heavily Funded (\$50 Million Per Year)
- FEMA Flood Mitigation Assistance (“FMA”)
 - Also Annually Funded & Nationally Competitive
 - Similar to the HMGP, but Focused on Private Property Mitigation to Reduce Flood Damages
 - Focus is on Repetitive Loss and Severe Repetitive Loss (NFIP-Insured) Properties
 - Better Funded, Usually \$200 million Per Year

Comprehensive Recovery Strategy

- Match Proposed Projects to Programs That Best Fit the Need
- Intra-Departmental Communication and Cooperation is Essential
- Create a Single Recovery Strategy and Pull Together Resources Required to See it Through