

# Hurricane Irma Financial Update

Board of County Commission Meeting May 16, 2018

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

# Projects Submitted to FEMA as of 4/30/18

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)	\$222,859.79	
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	
FEMA 16162	3/22/2018	Sheltering and Evacuation 100% Cost Share	\$546,943.22	
FEMA 37290	3/21/2018	Emergency Operations Support 100% Cost Share	\$791,483.19	
FEMA 34105	3/29/2018	Emergency Operations Center 75% Cost Share (materials, contracts, rentals)	\$121,597.74	
FEMA 38528	4/13/2018	Contract Debris Removal 75% Cost Share	\$17,405,009.17	
			<b>\$34,977,706.51</b>	<b>\$3,382,650.76</b>

Total Category A: \$22,562,556.17

Total Category B: \$12,415,150.34

# Preliminary Cost Estimates by Category as of 4/30/18

		Total Estimate	County Portion
Category A	Debris Removal--Land 90/5/5 Cost Share	\$5,092,359	\$254,618
Category A	Debris Removal--Land 75/12.5/12.5 Cost Share	\$20,995,466	\$2,624,433
Category A	Debris Removal--Marine 75/12.5/12.5 Cost Share FEMA	\$6,000,000	\$750,000
Category A	Debris Removal--Marine 75/25 Cost Share NRCS	\$31,712,006	\$7,928,001
Category A	Debris Removal Monitoring--Marine 100/0 Cost Share	\$2,378,400	\$0
Category B	Emergency & Protective Measures 100/0/0 Cost Share	\$12,688,886	\$0
Category B	Emergency & Protective Measures 75/12.5/12.5 Cost Share	\$1,716,303	\$214,538
Category C	Roads & Bridges FEMA 75/12.5/12.5 Cost Share	\$2,195,187	\$274,398
Category D	Water Control Facilities FEMA 75/12.5/12.5 Cost Share	\$3,870,000	\$483,750
Category E	Buildings & Equipment FEMA 75/12.5/12.5 Cost Share	\$7,215,371	\$901,921
Category G	Parks, Recreational Facilities & Other Items FEMA 75/12.5/12.5 Cost Share	\$9,825,112	\$1,228,139
		\$103,689,090	\$14,659,799

*Note--estimates are preliminary and do not include mitigation and Marathon Airport*

Items in blue are new or updated estimates. Category E includes the addition of Key West International Airport.

# Expenses by Fund as of 4/30/18

<b>Hurricane Irma Activity by Fund</b>				<b>FY17 Actual</b>	<b>FY18 Actual</b>	<b>Actual Total</b>
<b>Grant Fund - Fund 125</b>						
125	0459110	Personnel		\$2,509,179	\$542,321	\$3,051,500
125	0459110	Operating		\$3,470,917	\$8,946,610	\$12,417,527
125	0459110	Capital		\$46,642	\$2,545	\$49,187
<b>Total</b>				<b>\$6,026,738</b>	<b>\$9,491,477</b>	<b>\$15,518,214</b>
<b>Marathon Airport - Fund 403</b>						
403	635102	Personnel		\$30,116	\$7,988	\$38,105
403	635102	Operating		\$3,505	\$178,849	\$182,354
403	635102	Capital		\$0	\$0	\$0
<b>Total</b>				<b>\$33,621</b>	<b>\$186,837</b>	<b>\$220,458</b>
<b>Key West Airport - Fund 404</b>						
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
<b>Total</b>				<b>\$105,773</b>	<b>\$89,937</b>	<b>\$195,710</b>
<b>MSD Solid Waste - Fund 414</b>						
414	40003	Personnel		\$49,396	\$1,883	\$51,279
414	40003	Operating		\$1,326,521	\$20,311,795	\$21,638,316
414	40003	Capital		\$0	\$0	\$0
<b>Total</b>				<b>\$1,375,916</b>	<b>\$20,313,679</b>	<b>\$21,689,595</b>
<b>TOTAL</b>				<b>\$7,542,048</b>	<b>\$30,081,930</b>	<b>\$37,623,978</b>

# Estimated Damages Submitted to Insurance as of 4/30/18

## Buildings:

Citizen's Property Insurance	\$4,338,904	
Wright National Flood Insurance	\$1,477,316	
Lloyd's of London	\$6,598,140	
Total After Deductibles		\$12,414,360
<b>Proceeds Received</b>		<b><u>\$ 613,602</u></b>
Estimated Balance		<b>\$11,800,758</b>

# Estimated Damages Submitted to Insurance as of 4/30/18

Fire Apparatus and Portable Equipment for Fire Rescue:  
Volunteer Firemen's Insurance Service, Inc.

Total After Deductibles	\$417,535
<b>Proceeds Received</b>	<b><u>\$290,794</u></b>
Estimated Balance	<b>\$126,741</b>

Vehicles:

Florida League of Cities Total After Deductible:	\$41,194
Proceeds Received	\$0
Progressive Insurance Total After Deductible:	\$1,272
<b>Proceeds Received:</b>	<b><u>\$1,272</u></b>
Estimated Balance:	<b>\$41,194</b>

# FEMA Site Inspections on Monroe County Projects

Project	FEMA Site Inspection Date	Estimated Cost
Big Pine Key Community Park & Sheriff's House	4/3/2018 ✓	\$2,800,000
Watson Field	4/13/2018 ✓	\$350,000
Blue Heron Park & Community Center	4/4/2018 ✓	\$300,000
Harry Harris Park	4/6/2018 ✓	\$3,250,000
Higgs Beach Park	4/23/2018 ✓	\$1,000,000
Key West Historic Courthouse & Lighthouse	<del>4/27/2018</del> 4/26/18 ✓	<del>\$100,000</del> \$200,000
Marathon Government Annex	4/16/2018 ✓	\$200,000
Marathon Tax Collector	4/11/2018 ✓	\$250,000
Monroe County Sheriff Headquarters	<del>4/18/2018</del> 5/28/18*	\$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
		<del>\$11,450,000</del> \$11,550,000

\*Site visit moved so that mold remediation could be completed.

Items in **Blue** indicate a change from last month.

# FEMA Site Inspections on Monroe County Projects

Project	FEMA Site Inspection Date	Estimated Cost
Boat Ramps--State Rd 4A, Big Coppitt, Geiger Key, Blimp Road, Koehn's Avenue, Sunset Point Park	4/24/2018	\$94,485
Key West Airport	5/1/2018	\$263,200
Gato Building	5/7/2018	\$750,000
Marathon Airport	5/8/2018	
Lower Keys Parks--Pines Park, Bay Point Park, Fireman's Park, Wilhelmina Park and Boca Chica Beach	5/8/2018	\$118,230
Transfer Stations--Long Key and Cudjoe	5/9/2018	\$110,000
Lower Keys Facilities--Fleet Garage, Bayshore Manor, Key West Library, DMV	5/11/2018	\$107,329
Upper Keys Parks--Rowell's Waterfront Park, Old Settler's Park, Garden Key Cove, Friendship Park, & Key Largo Community Park	5/14/2018	\$506,882
Freeman Justice Center	5/25/2018	\$750,000
		<b>\$2,700,126</b>



# Marine Debris Cost Estimates as of 4/30/18—NRCS Only

	<u>County</u>	<u>Marathon Islamorada</u>
Mobilization and Demobilization including pre-removal assessments and post verification using side scan sonars	\$1,200,000	\$300,000
Operation of Temporary Debris Management Area (TDMA)	\$2,000,000	\$500,000
Marine debris removal from waterway and transport for a prescribed distance from offload to TDMA	\$25,063,500	\$11,690,720
Transport of Reduced Marine Debris from TDMA to final disposal site	\$1,372,429	\$640,161
Tipping fees at final disposal site	\$2,076,077	\$968,350
Monitoring Services	\$2,378,400	\$761,544
Derelict Vessels	\$0	\$0
<b>Estimated Total:</b>	<b>\$34,090,406</b>	<b>\$14,860,775</b>

# Monroe County Hazard Mitigation Grant Program as of 4/30/18

Total Potential Funding Sought - **\$444,954,780**

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.

# Monroe County Hazard Mitigation Grant Program as of 4/30/18

Project Title	Preliminary Project Cost	Description
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.
Elevate Buildings Located within Floodprone Areas	\$5,225,000	To provide opportunities to those homeowners whose homes were flooded, or who have non-compliant structures at risk of flooding, to apply to elevate a home in order to eliminate risk to the National Flood Insurance Program.
Residential Mitigation Reconstruction Project	\$22,500,000	To provide opportunities to those homeowners whose homes were destroyed, or those who have non-compliant structures at risk of flooding or wind damage, to apply to reconstruct a code-compliant home in order to eliminate risk to the National Flood Insurance Program and to wind insurers.
Residential Wind Retro-fitting Project	\$1,925,000	To provide post-disaster hazard mitigation residential wind retro-fitting opportunities to homeowners' homes that have non-compliant windows, roofing, gable end walls, vents and soffits, and exterior wall coverings so that they may reduce or eliminate long-term risks to themselves and their homes from future disasters.

# Monroe County Hazard Mitigation Grant Program as of 4/30/18

Project Title	Preliminary Project Cost	Description
Trailer Park Acquisition and Reconstruction Site A	\$4,800,000	Replace 16 ground level mobile homes with 16 elevated new structures that meet current height above BFE requirements and are rated for 180 mph wind loading for roofs, windows, and doors.
Trailer Park Acquisition and Reconstruction Site B	\$3,025,000	Replace 7 ground level mobile homes with 7 elevated new structures that meet current height above BFE requirements and are rated for 180 mph wind loading for roofs, windows, and doors. The remaining 29 units would be transferred off site. The off site units will likely be sold to construct additional affordable housing that meets all building code requirements.
Trailer Park Acquisition and Reconstruction Site C	\$2,100,000	Replace 8 ground level mobile homes with 8 elevated new structures that meet current height above BFE requirements and are rated for 180 mph wind loading for roofs, windows, and doors.
Trailer Park Acquisition and Reconstruction Site D	\$3,900,000	Replace 12 ground level mobile homes with 12 elevated new structures that meet current height above BFE requirements and are rated for 180 mph wind loading for roofs, windows, and doors. The remaining 5 transient units would be transferred off site. The off site units will likely be sold to construct additional affordable housing that meets all building code requirements.
Trailer Park Acquisition and Reconstruction Site E	\$5,500,000	<del>Replace 16 ground level mobile homes with 16 elevated new structures that meet current height above BFE requirements and are rated for 180 mph wind loading for roofs, windows, and doors.</del>
Trailer Park Acquisition and Reconstruction Site F	\$5,800,000	<b>Replace 1 ground level mobile homes with 1 elevated new structures that meets current height above BFE requirements and is rated for 180 mph wind loading for roofs, windows, and doors.</b>

Total Potential Funding Sought - **\$444,954,780**

Items in **Blue** indicate a change from last month.