

Irma Cost Recovery Update #2

When a Federal disaster is declared, FEMA can reimburse affected entities a percent of their costs. President Trump signed an Emergency Declaration for Hurricane Irma, which included Florida and Volusia County on September 10, 2017. This allowed FEMA to reimburse a percent of emergency costs including Emergency Protective Measures (Category B) and Debris Removal (Category A). The County has since been approved for the remaining Categories C-G for permanent repairs.

Debris removal (Category A) includes the removal of debris as well as the debris monitoring company required by FEMA. As of August 6, 2018, the County had over 814,000 cubic yards of debris removed, reduced, mulched, and monitored for an estimated cost of \$13,899,103. Normally, maintenance of HOA and private roads are the responsibility of the property owners. However, the County submitted documentation to FEMA that was judged to qualify the County for FEMA reimbursement for removal of vegetative debris from HOAs and private roads. The total cost of HOA and private road debris removal is estimated to be \$1,205,510, and is included in the total estimated cost previously stated.

Emergency protective measures (Category B) includes pre-storm preparations to secure locations, hand out sandbags, stage essential personnel and equipment, evacuate patients from hospitals and other facilities, and prepare evacuation shelters as well as other pre-storm activities. It also includes activities during the storm including manning the Emergency Operations Center with extra personnel to answer phones, personnel to work in shelters, extra sheriff patrols, and fire services as well as other services. Immediately after the storm, emergency protective services include clearing roads and walkways of downed powerlines and trees. As of August 6, 2018, the County had estimated costs of \$4,350,898 in Emergency Protective Measures.

Roads and Bridges (Category C) includes work to repair surfaces, bases, shoulders, ditches, and drainage structures. As of August 6, 2018, the County has estimated repair costs of \$696,383, including approximately \$362,300 for River Road and \$240,450 for Harbor Road repairs and stabilizations.

Buildings and Equipment (Category E) includes damage to buildings and equipment as well as the equipment usage, cleaning and treatment of mold, and replacement of inventory destroyed or consumed for the disaster. As of August 6, 2018, the County has estimated repair and/or replacement costs of \$9,609,276 for Category E damages.

Utilities (Category F) includes damages to water treatment plants, power facilities, and communications. As of August 6, 2018 the County has estimated repair costs of \$388,071 for Category F damages.

Parks, Recreational Facilities, and Other (Category G) includes parks, beaches, and other items that do not fit into the other categories. As of August 6, 2018, the County has estimated repair costs of \$1,136,689, including approximately \$375,000 for Highbridge Park, and \$343,000 for Plaza Blvd.

The County will submit Project Worksheets for actual and/or estimated costs to the State. The State coordinates with FEMA. FEMA and/or the State can approve, deny, or modify requests. Once approved, FEMA generally reimburses up to 75% of the approved amount. The State will reimburse half of the remaining amount. The County is responsible for the remainder. FEMA has a program that allows for a slightly higher reimbursement for Category A costs depending on when the work was completed. In addition, the President approved Category B as 100% for the first 30 days of the Hurricane Irma incident period.

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As of August 6, 2018, the County has total estimated costs of \$30,655,420 including \$575,000 in direct administrative costs. Insurance is expected to pay a large amount toward permanent work, especially on 250 North Beach Street and the City Island Library, however, the County is awaiting determination from its insurance carriers on the amount to be covered. The County has received a partial insurance amount of \$597,850 related to NFIP flood insurance claims. FEMA requires insurance reimbursement/denial before FEMA will approve a project.

See attached project worksheet summary (by expected project worksheet) of FEMA and/or insurance reimbursable costs related to Hurricane Irma.

(continued)

Volusia County, FL
 FEMA Grant for Hurricane Irma
 August 6, 2018

<u>Breakdown by Category and Project Worksheet (PW):</u>	<u>Completed</u>	<u>Remaining</u>	<u>Total</u>	<u>Status</u>	<u>Date Uploaded</u>
Category A - Debris Removal:	\$13,899,102.72	\$0.00	\$13,899,102.72		
Cat A 24457 - Force & Contracted-Time Period 1 - 9/4/17 - 9/17/17	186,494.47	0.00	186,494.47	Uploaded to FEMA	8/3/2018
Cat A 24464 - Force-Time Period 2 - 9/18/17 - 10/17/17	19,160.50	0.00	19,160.50	Uploaded to FEMA	8/3/2018
Cat A 24469 - Force-Time Period 3 - 10/18/17 - 12/16/17	104,121.90	0.00	104,121.90	Uploaded to FEMA	8/6/2018
Cat A 24472 - Force-Time Period 4 - 12/17/17 - 3/3/18	15,577.33	0.00	15,577.33	Uploaded to FEMA	8/6/2018
Cat A 24465 - Contracted-Time Period 2 - 9/18/17 - 10/17/17	4,672,630.75	0.00	4,672,630.75	DDD Approved, Pending Obligation	5/3/2018
Cat A 24470 - Contracted-Time Period 3 - 10/18/17 - 12/16/17	7,618,332.12	0.00	7,618,332.12	Uploaded to FEMA	5/4/2018
Cat A 24473 - Contracted-Time Period 4 - 12/17/17 - 3/3/18	7,688.00	0.00	7,688.00	In Formulation by Thompson	
Cat A 24471 - PPDR-Time Period 3 - 10/18/17 - 12/16/17	1,205,510.27	0.00	1,205,510.27	DDD Approved, Pending Obligation	5/4/2018
Cat A 24475 - State Highways-Time Period 3 - 10/18/17 - 12/16/17	69,587.38	0.00	69,587.38	Uploaded to FEMA	5/8/2018
Category B - Emergency Protective Measures:	\$2,484,045.98	\$1,866,852.13	\$4,350,898.11		
Cat B 24494 - Generators-Time Period 1 - 9/4/17 - 10/3/17	168,985.55	0.00	168,985.55	Uploaded to FEMA	2/23/2018
Cat B 24498 - 250 N Beach Street-Time Period 1 - 9/4/17-10/3/17	206,734.33	0.00	206,734.33	Uploaded to FEMA	7/3/2018
Cat B 24500 - 250 N Beach Street-Time Period 2 -10/4/17 and beyond	235,049.13	0.00	235,049.13	Uploaded to FEMA	7/3/2018
Cat B 24505 - City Island Library-Time Period 1 - 9/4/17 - 10/3/17	452,994.04	0.00	452,994.04	Uploaded to FEMA	7/3/2018
Cat B 24508 - City Island Library-Time Period 2 - 10/4/17 and beyond	53,369.06	0.00	53,369.06	Uploaded to FEMA	7/3/2018
Cat B 24510 - Corrections-Time Period 1 - 9/4/17 - 10/3/17	276,495.33	0.00	276,495.33	Information requested from Department	
Cat B 24589 - Public Works-Time Period 1 9/4/17 - 10/3/17	155,299.04	0.00	155,299.04	Information requested from Department	
Cat B 24597 - Mosquito Control-Time Period 1 - 9/4/17 - 10/3/17	382,733.21	0.00	382,733.21	Uploaded to FEMA	7/3/2018
Cat B 24602 - Mosquito Control-Time Period 2 - 10/4/17 and beyond	27,089.22	0.00	27,089.22	Uploaded to FEMA	7/3/2018
Cat B 24605 - Fire Services-Time Period 1 9/4/17 - 10/3/17	148,049.71	0.00	148,049.71	Accounting Review	
Cat B 24607 - Misc Depts-Time Period 1 - 9/4/17 - 10/3/17	49,823.54	0.00	49,823.54	In Formulation by Thompson	
Cat B 24609 - Misc Depts-Time Period 2 - 10/4/17 and beyond	69,062.11	18.10	69,080.21	In Formulation by Thompson	
Cat B 24612 - 250 N Beach Street temporary relocation expenses	177,327.63	1,866,833.97	2,044,161.60	250 N Beach St Formulation	
Cat B 31817 - Misc Depts#2-Time Period 1 - 9/4/17 - 10/3/17	81,034.08	0.06	81,034.14	Information requested from Department	
Category C - Roads & Bridges:	\$82,662.67	\$613,720.65	\$696,383.32		
Cat C 24630 - Misc Roads and Bridges	0.00	602,750.00	602,750.00	Information requested from Department	
Cat C 44776 - Bridge Washouts	82,662.67	10,970.65	93,633.32	In Formulation by Thompson	

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Category E - Buildings and Equipment:	\$837,759.54	\$8,771,516.68	\$9,609,276.22		
Cat E 24644 - 250 N Beach	9,846.15	7,390,153.85	7,400,000.00	250 N Beach St Formulation	
Cat E 24650 - City Island Library	595,907.09	176,817.17	772,724.26	Uploaded to FEMA	7/3/2018
Cat E 24661 - Facilities & Fire Services	5,823.22	153,953.81	159,777.03	In Formulation by Thompson	
Cat E 24664 - Aviation #1	27,546.58	8,731.05	36,277.63	In Formulation by Thompson	
Cat E 24665 - Ocean Center/Parking Garage	13,233.53	69,611.69	82,845.22	Uploaded to FEMA	7/3/2018
Cat E 24669 - Mosquito Control	58,162.39	12,485.00	70,647.39	Uploaded to FEMA	8/2/2018
Cat E 24676 - Misc Buildings and Equip Damages #1	2,940.34	5,663.02	8,603.36	In Formulation by Thompson	
Cat E 33602 - Facility Damages #2	5,442.00	48,893.00	54,335.00	In Formulation by Thompson	
Cat E 33665 - Facility Damages #3	9,653.91	9,951.09	19,605.00	In Formulation by Thompson	
Cat E 33666 - Facility Damages #4	3,898.78	36,357.22	40,256.00	In Formulation by Thompson	
Cat E 33667 - Facility Damages #5	22,702.53	221,324.26	244,026.79	In Formulation by Thompson	
Cat E 33679 - Facility Damages #6	9,720.00	3,526.65	13,246.65	In Formulation by Thompson	
Cat E 33685 - Facility Damages #7	349.34	6,755.66	7,105.00	In Formulation by Thompson	
Cat E 33687 - Facility Damages #8	507.90	26,431.10	26,939.00	In Formulation by Thompson	
Cat E 33690 - Aviation #2	3,600.00	17,403.00	21,003.00	In Formulation by Thompson	
Cat E 33701 - Misc Buildings and Equip Damages #2	23,529.60	12,154.26	35,683.86	In Formulation by Thompson	
Cat E 33705 - Misc Buildings and Equip Damages #3	4,181.79	2,918.21	7,100.00	In Formulation by Thompson	
Cat E 40390 - Aviation #3 NASCAR Hanger	0.00	300,000.00	300,000.00	In Formulation by Thompson	
Cat E 44781 - Facilities #10	11,602.19	141,797.81	153,400.00	In Formulation by Thompson	
Cat E 44787 - Airport	9,363.00	9,510.03	18,873.03	In Formulation by Thompson	
Cat E 44789 - Fire Station and vehicles	15,995.78	307.22	16,303.00	In Formulation by Thompson	
Cat E 44793 - Road and Bridge	3,753.42	16,771.58	20,525.00	In Formulation by Thompson	
Cat E 44798 - Library Amphitheater	0.00	100,000.00	100,000.00	In Formulation by Thompson	
Category F - Utilities:	\$30,891.84	\$357,178.93	\$388,070.77		
Cat F 24628 - Utilities #1	21,780.76	334,690.01	356,470.77	In Formulation by Thompson	
Cat F 33564 - Utilities #2	9,111.08	17,488.92	26,600.00	In Formulation by Thompson	
Cat F 33565 - Utilities #3	0.00	5,000.00	5,000.00	In Formulation by Thompson	

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Category G - Parks, Recreational Facilities, and Other:	\$64,863.11	\$1,071,826.18	\$1,136,689.29		
Cat G 21668 - Parks #1	1,826.86	30,621.14	32,448.00	In Formulation by Thompson	
Cat G 22638 - Coastal #1& Conservation poles	13,253.07	69,457.22	82,710.29	In Formulation by Thompson	
Cat G 33720 - Coastal #2	0.00	8,800.00	8,800.00	In Formulation by Thompson	
Cat G 33723 - Coastal #3	2,582.25	30,917.75	33,500.00	In Formulation by Thompson	
Cat G 33725 - Coastal #4	10,120.05	50,379.95	60,500.00	In Formulation by Thompson	
Cat G 33726 - Coastal #5	4,998.00	16,000.00	20,998.00	In Formulation by Thompson	
Cat G 33727 - Coastal #6	489.61	27,760.39	28,250.00	In Formulation by Thompson	
Cat G 33729 - Coastal #7	0.00	11,000.00	11,000.00	In Formulation by Thompson	
Cat G 33734 - Parks and Recreational Damages #2	20,609.18	23,903.82	44,513.00	In Formulation by Thompson	
Cat G 33735 - Parks and Recreational Damages #3	5,704.11	402,142.89	407,847.00	In Formulation by Thompson	
Cat G 33737 - Parks and Recreational Damages #4	2,032.41	11,067.59	13,100.00	In Formulation by Thompson	
Cat G 33738 - Parks and Recreational Damages #5	2,431.57	9,425.43	11,857.00	In Formulation by Thompson	
Cat G 44790 - Parks and Recreation VC	816.00	37,350.00	38,166.00	In Formulation by Thompson	
Cat G 44792 - Plaza Blvd	0.00	343,000.00	343,000.00	Uploaded to FEMA	7/16/2018
DAC	\$438,985.95	\$136,014.05	\$575,000.00		
Cat Z 42773 - Direct DAC	416,881.95	133,118.05	550,000.00	Direct DAC	
Indirect DAC	22,104.00	2,896.00	25,000.00	Indirect DAC	
Total FEMA Costs	\$17,838,311.81	\$12,817,108.62	\$30,655,420.43		

<u>Breakdown by Status</u>	<u>Project Count</u>	<u>Completed</u>	<u>Remaining</u>	<u>Total</u>	<u>Average Project</u>
In Formulation by Thompson	40	\$465,601.65	\$2,219,442.83	\$2,685,044.48	\$67,126.11
250 N Beach St Formulation	2	187,173.78	9,256,987.82	9,444,161.60	4,722,080.80
Information requested from Department	4	512,828.45	600,282.56	1,113,111.01	278,277.75
Accounting Review	1	148,049.71	-	148,049.71	148,049.71
Uploaded to FEMA	17	10,207,531.25	601,913.86	10,809,445.11	635,849.71
DDD Approved, Pending Obligation	2	5,878,141.02	2,476.00	5,880,617.02	2,940,308.51
Direct DAC	1	416,881.95	133,118.05	550,000.00	550,000.00
Indirect DAC		22,104.00	2,896.00	25,000.00	
Total FEMA Costs	67	\$17,838,311.81	\$12,817,117.12	\$30,655,428.93	