

Irma Cost Recovery Update #1

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 May 14, 2018, the County had over 814,000 cubic yards of debris removed, reduced, mulched, and monitored for an estimated cost of \$14,390,828. 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 \$1,205,503, 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 May 14, 2018, the County had estimated costs of \$3,957,499 in Emergency Protective Measures.

Roads and Bridges (Category C) includes work to repair surfaces, bases, shoulders, ditches, and drainage structures. As of May 14, 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 May 14, 2018, the County has estimated repair and/or replacement costs of \$9,619,810 for Category E damages.

Utilities (Category F) includes damages to water treatment plants, power facilities, and communications. As of May 14, 2018 the County has estimated repair costs of \$436,216 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 May 14, 2018, the County has estimated repair costs of \$1,424,277, including approximately \$375,000 for Highbridge Park, and \$600,000 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 May 14, 2018, the County has total estimated costs of \$30,925,014. 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. FEMA requires insurance reimbursement/denial before FEMA will approve a project.

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

	<u>Total</u>
<u>Breakdown by Category and Project Worksheet (PW):</u>	
Category A - Debris Removal:	\$14,390,827.52
Cat A 24457 - Force & Contracted-Time Period 1 - 9/4/17 - 9/17/17	14,574.27
Cat A 24464 - Force-Time Period 2 - 9/18/17 - 10/17/17	775,000.00
Cat A 24469 - Force-Time Period 3 - 10/18/17 - 12/16/17	30,000.00
Cat A 24472 - Force-Time Period 4 - 12/17/17 - 3/3/18	0.00
Cat A 24465 - Contracted-Time Period 2 - 9/18/17 - 10/17/17	4,687,109.01
Cat A 24470 - Contracted-Time Period 3 - 10/18/17 - 12/16/17	7,604,130.59
Cat A 24473 - Contracted-Time Period 4 - 12/17/17 - 3/3/18	4,916.00
Cat A 24467 - PPDR-Time Period 2 - 9/18/17 - 10/17/17	0.00
Cat A 24471 - PPDR-Time Period 3 - 10/18/17 - 12/16/17	1,205,510.27
Cat A 24474 - PPDR-Time Period 4 - 12/17/17 - 3/3/18	0.00
Cat A 24468 - State Highways-Time Period 2 - 9/18/17 - 10/17/17	0.00
Cat A 24475 - State Highways-Time Period 3 - 10/18/17 - 12/16/17	69,587.38
Cat A 24477 - State Highways-Time Period 4 - 12/17/17 - 3/3/18	0.00
Category B - Emergency Protective Measures:	\$3,957,499.40
Cat B 24494 - Generators-Time Period 1 - 9/4/17 - 10/3/17	168,985.55
Cat B 24498 - 250 N Beach Street-Time Period 1 - 9/4/17-10/3/17	209,608.38
Cat B 24500 - 250 N Beach Street-Time Period 2 -10/4/17 and beyond	223,253.40
Cat B 24505 - City Island Library-Time Period 1 - 9/4/17 - 10/3/17	449,638.83
Cat B 24508 - City Island Library-Time Period 2 - 10/4/17 and beyond	48,335.06
Cat B 24510 - Corrections-Time Period 1 - 9/4/17 - 10/3/17	208,488.67
Cat B 24589 - Public Works-Time Period 1 9/4/17 - 10/3/17	59,503.25
Cat B 24597 - Mosquito Control-Time Period 1 - 9/4/17 - 10/3/17	382,733.20
Cat B 24602 - Mosquito Control-Time Period 2 - 10/4/17 and beyond	27,089.22
Cat B 24605 - Fire Services-Time Period 1 9/4/17 - 10/3/17	3,083.88
Cat B 24607 - Misc Depts-Time Period 1 - 9/4/17 - 10/3/17	61,797.17
Cat B 24609 - Misc Depts-Time Period 2 - 10/4/17 and beyond	69,022.21
Cat B 24612 - 250 N Beach Street temporary relocation expenses	2,044,161.60
Cat B 24614 - DSNAP	0.00
Cat B 31817 - Misc Depts#2-Time Period 1 - 9/4/17 - 10/3/17	1,759.08
Cat B 31821 - Misc Depts#2-Time Period 2 - 10/4/17 and beyond	39.90
Category C - Roads & Bridges:	\$696,383.32
Cat C 24630 - Misc Roads and Bridges	696,383.32

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Category E - Buildings and Equipment:	\$9,619,810.39
Cat E 24644 - 250 N Beach	7,400,000.00
Cat E 24650 - City Island Library	772,724.26
Cat E 24661 - Facilities & Fire Services	296,371.70
Cat E 24664 - Aviation #1	44,170.63
Cat E 24665 - Ocean Center/Parking Garage	83,693.22
Cat E 24669 - Mosquito Control	67,408.35
Cat E 24676 - Misc Buildings and Equip Damages #1	108,278.36
Cat E 33602 - Facility Damages #2	46,830.00
Cat E 33665 - Facility Damages #3	59,060.00
Cat E 33666 - Facility Damages #4	32,255.00
Cat E 33667 - Facility Damages #5	241,526.79
Cat E 33679 - Facility Damages #6	21,446.65
Cat E 33685 - Facility Damages #7	6,905.00
Cat E 33687 - Facility Damages #8	26,939.00
Cat E 33690 - Aviation #2	31,983.03
Cat E 33701 - Misc Buildings and Equip Damages #2	42,093.40
Cat E 33705 - Misc Buildings and Equip Damages #3	38,125.00
Cat E 40390 – Aviation #3-NASCAR Hanger	300,000.00
Category F - Utilities:	\$436,215.77
Cat F 24628 - Utilities #1	398,990.77
Cat F 33564 - Utilities #2	30,600.00
Cat F 33565 - Utilities #3	6,625.00
Category G - Parks, Recreational Facilities, and Other:	\$1,424,277.29
Cat G 21668 - Parks #1	54,594.00
Cat G 22638 - Coastal #1& Conservation poles	686,610.29
Cat G 33720 - Coastal #2	8,800.00
Cat G 33723 - Coastal #3	33,500.00
Cat G 33725 - Coastal #4	68,700.00
Cat G 33726 - Coastal #5	20,998.00
Cat G 33727 - Coastal #6	28,250.00
Cat G 33729 - Coastal #7	11,000.00
Cat G 33734 - Parks and Recreational Damages #2	67,929.00
Cat G 33735 - Parks and Recreational Damages #3	418,339.00
Cat G 33737 - Parks and Recreational Damages #4	13,100.00
Cat G 33738 - Parks and Recreational Damages #5	12,457.00
DAC	\$400,000.00
Direct DAC	375,000.00
Indirect DAC	25,000.00
Total Hurricane Irma FEMA Costs	<u>\$30,925,013.69</u>