



Volusia County Hurricane Matthew Cost Recovery Update #2

May 10, 2017

When a federal disaster is declared, the Federal Emergency Management Agency (FEMA) can reimburse affected entities a percent of their costs. President Obama signed an Emergency Declaration for Florida on Oct. 3, 2016. 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 monitoring company required by FEMA. As of April 25, 2017, the County had over 1,000,000 cubic yards of debris removed, burned, and monitored for an estimated cost of \$16,343,630. Normally, maintenance of HOA and private roads are the responsibility of the property owners. However, the County drafted an Ordinance providing the County with temporary authority and responsibility to enter private property to remove vegetative debris. A waiver must be obtained by FEMA in order for the County to include these costs in a reimbursement request. A waiver was obtained for only a portion of the requested HOA and private roads. As of April 25, 2017, the total cost of HOA and private road debris removal was estimated to be \$1,606,804. FEMA is expected to approve \$1,036,849 for reimbursement, leaving the County with the remaining \$569,955.

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, fire services, and EVAC as well as other services. Immediately after the storm, emergency protective services include clearing roads and walkways of downed powerlines and trees. As of April 25, 2017, the County had estimated costs of \$1,367,758 in Emergency Protective Measures.

Roads and Bridges (Category C) includes work to repair surfaces, bases, shoulders, ditches, and drainage structures. As of April 25, 2017, the County had estimated costs \$763,350. This includes \$280,000 for beach vehicular access ramps and \$338,913 in numerous signal repairs countywide.

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 April 25, 2017, the County has an estimated cost of \$1,513,496 in Category E damages. This includes an estimated \$530,000 to repair the City Island Courthouse Annex, \$150,000 in repairs to the EVAC building, and \$330,000 in damages at Daytona Beach International Airport.

Utilities (Category F) includes damages to water treatment plants, power facilities, and communications. As of April 25, 2017 the County has an estimated cost of \$209,210 in damages to lift stations.

(continued)

Parks, Recreational Facilities, and Other (Category G) includes parks, beaches, and other items that do not fit into the other categories. As of April 25, 2017, the County has an estimated cost of \$2,400,971. This includes \$1,498,000 in repairs to over 100 dune walkovers and the \$579,000 in repairs to several lifeguard stations.

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 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. Credit for volunteer labor can serve to offset a portion of the County's responsibility. As of April 25, 2017, the

County has total estimated costs of \$22,598,415. If all are approved, FEMA would reimburse approximately \$17,978,365 and the State would reimburse \$2,010,048 for a total of \$19,988,413. The County would be responsible for the remaining \$2,610,002.

Category	Item Description	Item Estimate	4/25/2017 Category Estimate
A	Debris Removal		\$ 16,313,630
B	Emergency Protective Measures		1,367,758
C	Beach Vehicular Access ramps	280,000	
C	Countywide signal repair	338,913	
C	Other Roads and Bridges	144,437	
C	Roads and Bridges		763,350
D	Water Control Facilities		-
E	City Island Courthouse Annex	530,000	
E	Daytona Beach International Airport	330,000	
E	EVAC building	150,000	
E	Other Buildings and Equipment	503,496	
E	Buildings and Equipment		1,513,496
F	Utilities		209,210
G	Dune Walkovers	1,498,000	
G	Several Lifeguard stations	579,000	
G	Other Parks, Recreational Facilities and Other	353,971	
G	Parks, Recreational Facilities and Other		2,430,971
Total as of 4/25/2017			\$ 22,598,415

In addition to the above FEMA Costs, the County had an estimated \$1,482,915 in costs to remove and repair erosion devices in multiple drainage canals and retention ponds. Reimbursement by the National Resource Conservation Service, Emergency Watershed Protection Program (NRCS-EWP) is expected to be \$1,129,840. The County would be responsible for the expected unreimbursed amount of \$353,075.