



# **Flagler County Board of County Commissioners Workshop**

**(Special Meeting to Follow)**

**Monday, December 19, 2016 at 1:00 p.m.**

**Emergency Operations Center, Building 3, 1769 E. Moody Blvd., Bunnell, FL 32110**

## **Workshop Agenda**

1. Call to Order
2. Pledge to the Flag and Moment of Silence
3. Welcome: Flagler County Board Chair
4. Post Hurricane Matthew Update – Stephen Garten
5. A1A Update – Faith Alkhatib
6. Dunes Hardening Update – Faith Alkhatib
7. Beach Clean-up Update – Tim Telfer
8. Public Facilities Update – Heidi Petito and Faith Alkhatib
9. Legislative Priorities Discussion – Michael Esposito
10. Public Comment
11. Adjournment

While this is a workshop only and no decisions are expected to be made by any of the governmental bodies, if a person decides to appeal any matter that may be discussed for a future proceeding, a record of the workshop may be needed and, for such purposes, the person may need to ensure that a verbatim record of the workshop is made.



# Flagler County Board of County Commissioners Special Meeting

Monday, December 19, 2016 Following Workshop

Emergency Operations Center, Building 3, 1769 E. Moody Blvd., Bunnell, FL 32110

## Special Meeting Agenda

1. Call to Order
2. Public Comment
3. Request the Board take actions as deemed necessary regarding issues discussed at the workshop this date.
4. Adjournment

Section 286.0105, Florida Statutes states that if a person decides to appeal any decision made by a board agency, or commission with respect to any matter considered at a meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

# **Flagler County – Hurricane Matthew Update Individual Assistance**

- **The Flagler County Disaster Relief Center (DRC) located at the Palm Coast Library Closed on December 16, 2016 @ 6:00 PM.**
- **4,938 Citizens submitted registrations to FEMA for a total of Individuals and Households Programs (IHP) of \$969,614.04.**
- **Total Cumulative Registrations for the State of 43,755 Citizens, with a total amount disbursed of \$17,812,378.18.**
- **The Small Business Administration approved 1,668 (home, business, and economic injury) loans for a Cumulative State amount of \$56,662,000.00.**



# **Flagler County – Hurricane Matthew Update Public Assistance (Kick Off Meeting: 12-6-16)**

- **Category A (Debris Removal) - Approx. 128,329.8 CY of Mixed Debris of Vegetative and C & D and 1, 627 Hangers and Leaners were removed from Flagler County, of which (62,219 CY) was removed in the County's (30) day incident period of 10-03-2016 through 11-01-2016. Estimated Total Cost: \$5.3 Million.**
- **Category B (Emergency Protective Measures) – Force Account Labor, Equipment, Rented Equipment, Materials & Contracts with an Estimated Total Cost: \$650,000**
- **Category C (Roads & Bridges) - Permanent Work with an Estimated Total Costs: \$500,000.00.**
- **Category D (Water Control Facilities) - Permanent Work with an Estimated Total Costs: \$0.00.**
- **Category E (Buildings & Equipment) - Permanent Work with an Estimated Total Costs: \$500,000.00.**
- **Category F (Utilities) - Permanent Work with an Estimated Total Costs: \$25,000.00.**
- **Category E (Parks, Recreational Areas, and Other Facilities) - Permanent Work for Flagler County Parks and Beaches with an Estimated Total Costs: \$96,102,000.00.**



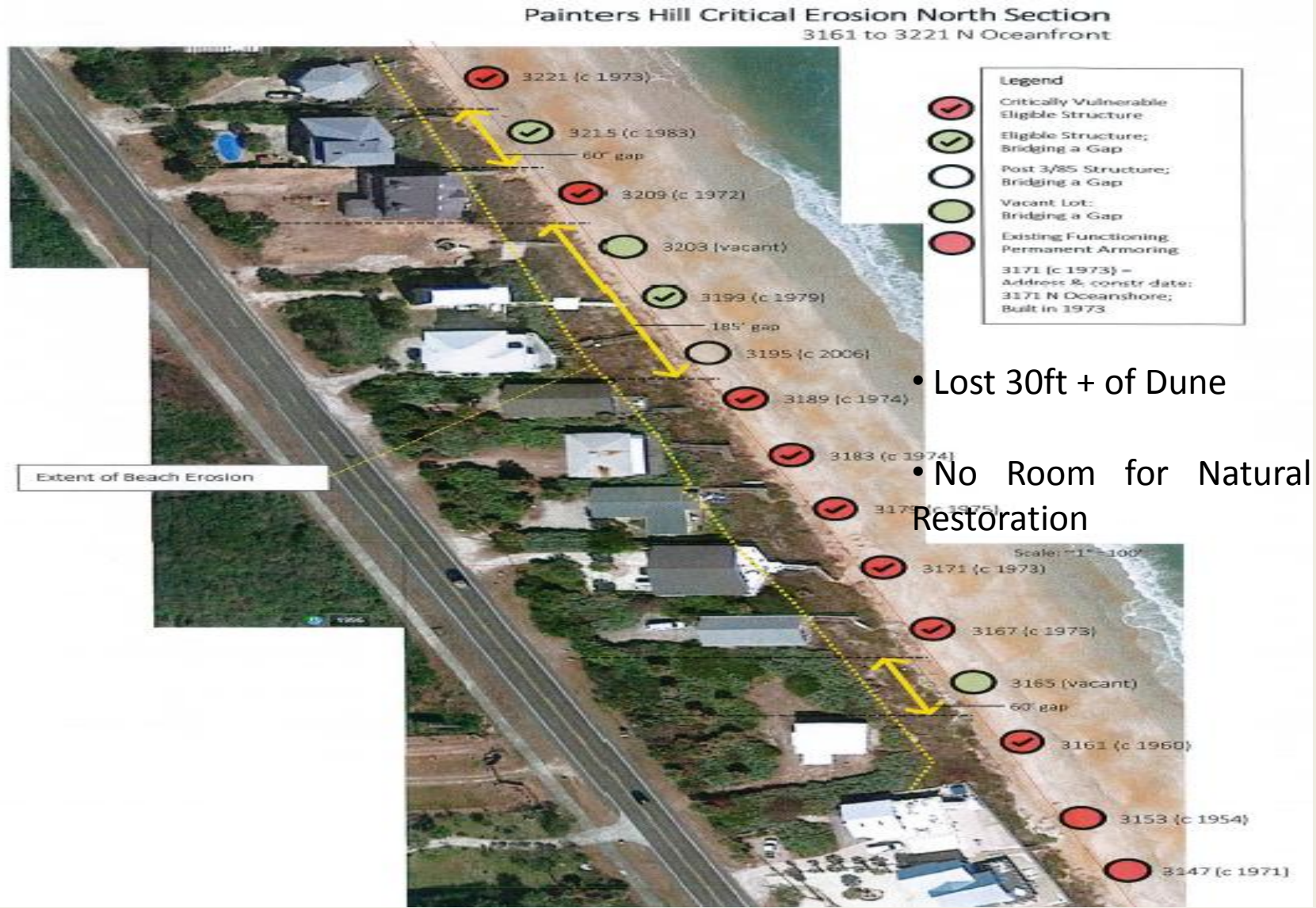
# Hurricane Matthew Beach Impacts





# BEVERLY BEACH TO VARN PARK

Threatened Homes and Property between A1A and Ocean (approx. 2.0 mi.)





# BEVERLY BEACH TO VARN PARK

Threatened Homes and Property between A1A and Ocean (approx. 2.0 mi.)



# VARN PARK TO MALACOMPA ROAD

**Hammock Dunes DRI (approx. 5.0 mi.)**





# Mid County Widespread Ocean Flooding 600 homes threatened in one area



# EMERGENCY RESCUE IN NEIGHBORHOODS



# WASHINGTON OAKS STATE PARK

COUNTY CREWS FILLING BREACH 3 Days After Storm





# North Flagler County Flooding Ocean to IntraCoastal

**SR A1A Underwater From Washington Oaks State Park north  
to the Town of Marineland**

• Dune Pushed Inward



# Flagler County's Situation

- We are facing a compromised dune system for our entire 18 miles of coastline.
- As you have seen we are still vulnerable to the threat of homes falling in the ocean and whole neighborhoods re-flooding as northeasters and super tides eat away a bluffs or attack areas with no dunes.
- We are fighting time as well:
  - Turtle Season Start May 1<sup>st</sup>,
  - Hurricane Season June 1<sup>st</sup>
  - New State Budget July 1st
- Financially our County is small and lacks the funds take on this issue. We started this year with 4 and ½ million in reserves
- To date we have already spent 5 million in debris cleanup alone. We have over 10 million dollars of other damage – buildings, roads, boardwalks, etc. We don't expect to see any FEMA dollars for months

# FDEP Draft Plan

- Flagler County, North (R1–R14) – A long tract of coquina rock naturally outcrops along the beach in this segment. The beach and dune system in this area may be expected to naturally recover.
- Washington Oaks State Park (R14–R16) – Construct dune restoration. Maintain emergency closure of dune breach with periodic placement of sand fill from immediately south of the rock outcrop at R14 to the park’s beach access at R14.5.
- Marineland Acres (R16–R24), The Hammocks (R24–R48), Painters Hill and Beverly Beach (R48–R65), and Flagler Beach, North (R65–R80) – Construct dune restoration.
- Project is intended to supplement the emergency berms that are expected to be funded by FEMA.
- The addition of sand to raise dune crest elevation at pedestrian walkways to the height of the adjacent dune will reduce future breaching.



# FDEP Draft Plan

- Flagler Beach, South (R80–R94) – Complete feasibility study and accelerate the design, permitting and construction of the federal beach restoration project.
- Federal feasibility study is complete and authorization is anticipated in the federal 2016 Water Resources Development Act. Initiation of the project is dependent upon a Congressional appropriation.
- Gamble Rogers State Park (R95–R97.5) – Construct dune restoration.
- Project is intended to supplement the emergency berms that are expected to be funded by FEMA.
- Staff is seeking clarification on all these sections

# ESTIMATES OF DUNE RESTORATION COSTS TO PROTECT RESIDENTS

*Public Dune/Beach Restoration 57 million+*

Estimated Erosion						
Segment	Estimated Fill Density		Seg length	Seg Vol	Unit cost	Total cost
1	24	cy/ft	19,570	469,689	\$25.00	\$11,742,214
2	24	cy/ft	13,471	323,305	\$25.00	\$8,082,630
3	24	cy/ft	17,376	417,021	\$25.00	\$10,425,532
4	24	cy/ft	22,451	538,832	\$25.00	\$13,470,796
5	24	cy/ft	6,923	166,161	\$25.00	\$4,154,015
6	24	cy/ft	14,585	350,030	\$25.00	\$8,750,751
						\$56,625,940

Vegetation Costs			
Segment	Seg length	Unit cost	Total cost
1	19,570	\$7.50	\$146,778
2	13,471	\$7.50	\$101,033
3	17,376	\$7.50	\$130,319
4	22,451	\$7.50	\$168,385
5	6,923	\$7.50	\$51,925
6	14,585	\$7.50	\$109,384
			\$ 707,824

# SUMMARY OF DUNE RESTORATION COSTS TO PROTECT RESIDENTS

*Public Dune/Beach Restoration 57 million+*

Segment	Fill	Veg	Total
1	\$11,742,214	\$146,778	\$11,888,992
2	\$8,082,630	\$101,033	\$8,183,663
3	\$10,425,532	\$130,319	\$10,555,851
4	\$13,470,796	\$168,385	\$13,639,181
5	\$4,154,015	\$51,925	\$4,205,940
6	<u>\$8,750,751</u>	<u>\$109,384</u>	<u>\$8,860,136</u>
Totals	<b>\$56,625,940</b>	<b>\$707,824</b>	<b>\$57,333,764</b>



# FDEP DRAFT PLAN

## CY/DENSITY QUANTITIES

- R1-R14- Natural Recovery due to natural rock outcrops
- R14-R80- Dune Restoration- 12.5 miles \* (6 cy/ft)\*(\$25 /cy) = \$9.9 M
- R80-R94- Beach and dune restoration- 2.6 miles (24 cy/ft) \* (\$25/cy) = \$8.2 M
- R95-R97.5- Dune restoration- 0.6 miles \* (6 cy/ft) \* (\$25/cy) = \$4.8 M
- (This estimate includes “The Hammocks” area, which may need to be removed. The Home Owners Association representative indicated that they were looking into a separate beach management strategy, that may not be eligible for program funds.)
- FDEP is estimating a 50/50 match with local (i.e. 25 million 12.5 local).

# FLAGLER BEACH/A1A Directly on Ocean

South County Line to Beverly Beach (approx. 5.3 mi.)



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# FDOT VIDEO



# US ARMY CORPS OF ENGINEERS

- ACOE Project is for 2.6 miles
- Authorized in 2016 WRDA – Water Resource Development Act
- Amount \$25+ million federally for a 50 year/\$44 Million+ Dollar Total Project
- Initial Project amount only is \$14+ million
  - *Federal* \$9,561,000
  - *Non-Federal Match* \$5,149,000
  - *FDOT Grant for Local Match*
    - \$4,000,000+ Design and Construction



# US ARMY CORPS OF ENGINEERS

## Challenges

- Design – Not complete Can be expedited
- Not Appropriated
  - *Potentially in Supplemental Continuing Funding Passed Dec 6<sup>th</sup> (Thru Apr 28). Section 187 - \$54 million or Section 109 400+ million*
  - Not in President's 2017 Budget
- Timing –
  - Will know in January
  - Project not until this time next year
- Ratio – Does not meet ratio/supplemental does not apply
- Private Ownership - Worked around it with easements elsewhere.

# OTHER ISSUES

- Debbie Flack, Florida Shore and Beach Preservation Assn.
- Consultant on Board Taylor Engineering 160K
  - *Received LIDAR Data last Thursday*
- Additional County Lobbyist
- Senate Appropriation Committee
- Meet with FEMA Beach Specialist on December 28<sup>th</sup>
- Meeting with State Legislative Delegation this week.

# Funding

- Board General Fund Reserves effectively gone awaiting reimbursement
- TDC Beach Renourishment Reserve is approximately \$1.5 million
- TDC Beach Renourishment Funding at \$250,000 Per Year
- Will need to double this amount - 5th cent an option staff will ask Board to consider
- Limited Funding - Dilema State FDEP Funding vs. needed matches for FEMA and Army Corps.

# STRATEGIES

- Protect Critical Areas from Flooding
- Maximize Federal and other lower match funding
- Seek to support local property owner efforts – Permitting, Advocate
- Multiply any local private funds
- Unify plan with Flagler Beach and pursue with FDOT/FDEP/ACOE
- Develop Long-Term Strategy for Entire Coastline



# We Need Help !!!



# Beach Cleanup Status

current as of 12-14-2016

- 65 volunteers thus far
- 200+ bags of garbage
- 200+ cubic yards of wooden debris
  - *Bags and debris are removed 1.75 cubic yard loads at a time*
- Over 400 man hours





## Debris remaining:

- 2.7 miles of trash
- +/- 50 piles of wooden debris remain

## Challenges:

- Volunteers – volunteer list has been exhausted, we are actively soliciting for new help
- Logistics – remaining trash areas are 2-5 miles from trash extraction site and safe volunteer entry point



# Public Facilities Update

- All storm related debris has been removed from county parks (approx 20,000 cubic yards)
- Repairs to the Hammock Community Center and FCSO Malacompra Substation are both underway. Drywall is installed with painting scheduled next week. Flooring is being scheduled along with cabinets and appliances. Both facilities should be fully operational by the end of February 2017, if not sooner.
- Staff is continuing with the necessary record keeping and collection of documentation for FEMA reimbursement along with attendance at all pertinent storm related meetings.
- Permanent repairs to dune walkovers are temporarily on hold until a decision can be made on dune restoration efforts.



# Priority #1

## Protection of County Beaches with Dune Restoration and Other Protective Measures



Requested Funding: \$57,000,000

# Priority #2

## Flagler County

### Safe Drinking

# Water/Wastewater Project



**Funding Sought: \$2,000,000**  
Support FDEP and St. John's River Water Management Loan and  
Grant Applications for Water and Sewer Upgrades

# Priority #3

Add an additional  
Flagler County Judicial  
position to assist with the  
increased judicial  
work load



# Priority #4

## Maintain the level of funding for VISIT FLORIDA



# Priority #5

Encourage the Governor's Office expedited appointment of a replacement for the late Commissioner Frank Meeker's District Seat





# Priority #6

## Mala Compra Basin Water Quality Enhancement Project



**Requested Funding: \$1,000,000**  
Support FDEP and St. John's River Water Management  
Grant Applications for this project

# Priority #7

**Request the State Legislature  
Allocate \$300 Million of the  
Land Acquisition Trust Fund  
Annually Toward Land  
Acquisition**



# Priority #8

Amend Florida Statutes to  
Provide an Exemption To  
GSA KKK-1822-F  
Requirements



# Priority #9

**Oppose Efforts by Utility  
Companies to Shift  
Relocation Costs to Local  
Government**



# Priority #10

**Oppose Efforts to  
Legalize Fracking and  
Oil and Gas Exploration  
in Florida**





# Priority #11

## Statewide Standardization of Adult Civil Citations Systems For Misdemeanor, Non-Violent, Offenses

