

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**AGENDA ITEM SUMMARY**

**Meeting Date:** December 2, 2014

Consent

Regular

Workshop

Public Hearing

**Department**

**Submitted By:** Environmental Resources Management

**Submitted For:** Environmental Resources Management

**I. EXECUTIVE BRIEF**

**Motion and Title: Staff recommends motion to approve:**

A) An Easement Agreement for construction access with the Oceans Edge Condominium Owners Association;

B) An Easement Agreement for dune restoration with the Oceans Edge Condominium Owners Association;

C) An Easement Agreement for dune restoration with Beach Front at Singer Island Condominium Owners Association;

D) Work Order No. 1825-03 to the Palm Beach County Annual Dune & Wetlands Restoration Project No. 2013ERM01 Contract (R2013-1825) with Eastman Aggregate Enterprises, LLC (Eastman) not-to-exceed \$1,308,591.42 to provide dune restoration services for the Singer Island Dune Restoration Project;

E) Amendment No. 2 to Interlocal Agreement (R2012-1597) with the City of Riviera Beach (City) for dune restoration. The City has executed Resolution 121-14 to increase the City's annual 20% cost share from \$200,000 to a maximum of \$500,000; and

F) Budget Amendment of \$261,600 in the Beach Improvement Fund to recognize the City's cost share.

**Summary:** The Singer Island Shore Protection Project includes dune restoration in an area designated by the Florida Department of Environmental Protection (FDEP) as "critically eroded". Dune restoration reconstructs past dune profiles and stabilizes the sand with native dune vegetation. Easement agreements that include public access are required for dune restoration and construction access to the beach and dune areas within the project limits.

**continued on page 3**

Attachments:

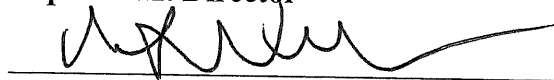
1. Project Overview Map
2. Work Order No. 1825-03
3. Amendment No. 2
4. Oceans Edge Construction Access Easement
5. Oceans Edge Dune Restoration Easement
6. Beach Front Dune Restoration Easement
7. Budget Amendment (3652)

**Recommended by:**

  
Department Director

11/20/14  
Date

**Approved by:**

  
County Administrator

11/24/14  
Date

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>Capital Expenditures</b>	_____	_____	_____	_____	_____
<b>Operating Costs</b>	<u>1,308,591</u>	_____	_____	_____	_____
<b>External Revenues</b>	<u>863,760</u>	_____	_____	_____	_____
<b>Program Income (County)</b>	_____	_____	_____	_____	_____
<b>In-Kind Match (County)</b>	_____	_____	_____	_____	_____
<b>NET FISCAL IMPACT</b>	<u>444,831</u>	_____	_____	_____	_____
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes \_\_\_\_\_ No X  
 Budget Account No.: Fund 3652 Department 381 Unit M037 Object 4630

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

FDEP \$602,160 (Singer Island)  
 City of Riviera Beach \$261,600 (Singer Island pending) up to \$500,000  
 Beach Improvement Fund: \$444,831

**C. Department Fiscal Review:**

*JP*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and /or Contract Dev. and Control Comments:**

*[Handwritten signatures and dates]*  
 OFMB *KN* *sc* *11/10* *11/12/14* *11/17/14* *Barbara Wheeler 11-20-14*  
 Contract Development and Control

**B. Legal Sufficiency:**

*[Handwritten signature]*  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

**continued from page 1**

These easement agreements are for a fifty-year term beginning on the date of execution of the document and incur no cost to the County.

The BCC approved a contract with Eastman for the Annual Dune & Wetlands Restoration Project No. 2013ERM01 (R2013-1825) on December 17, 2013. Work Order No. 1825-03 authorizes Eastman to truck haul sand to the beach for the Singer Island Dune Restoration Project. SBE participation will achieve 53.4% with this Work Order.

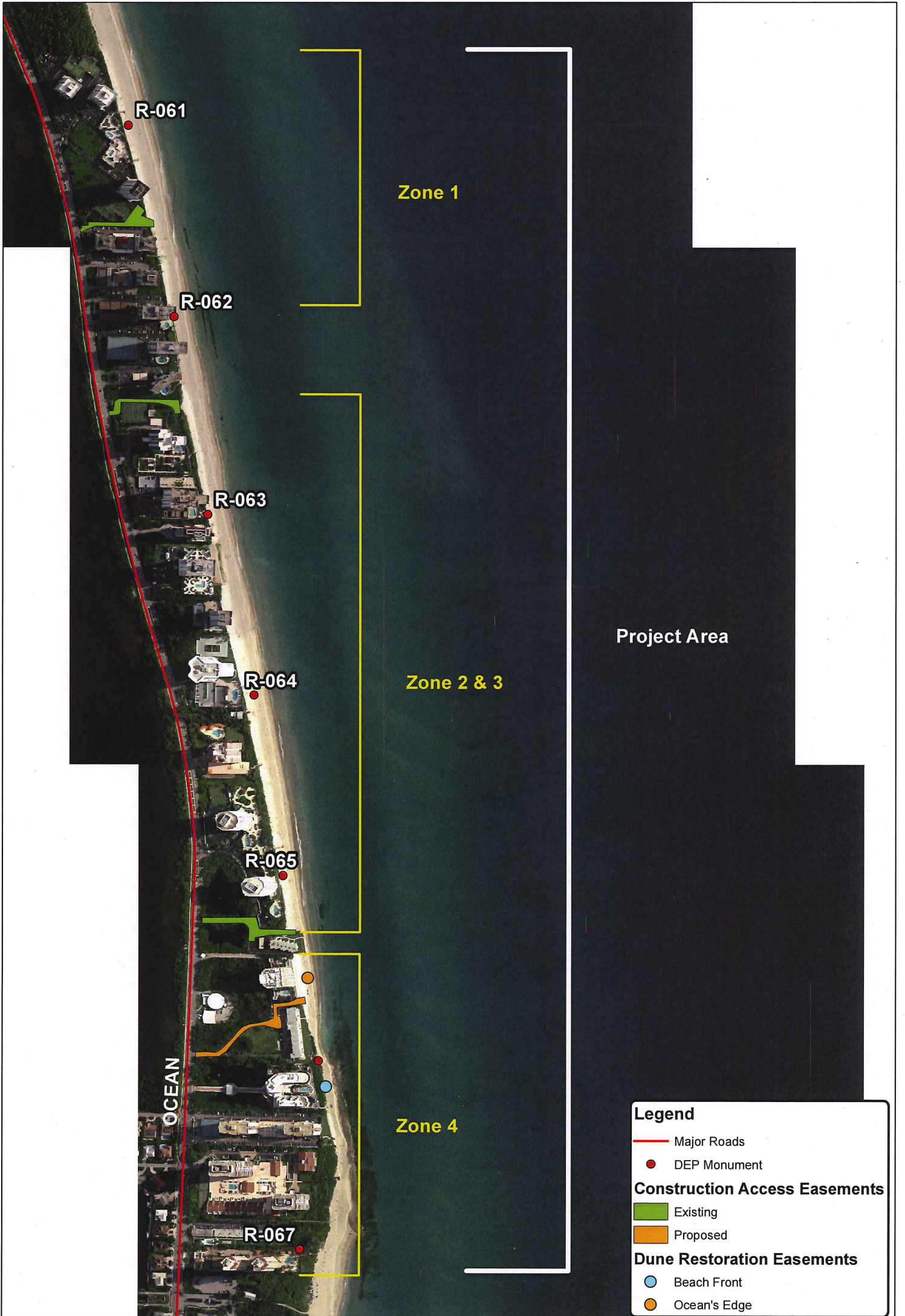
An Interlocal Agreement with the City was approved by the BCC on October 16, 2012 (R2012-1597) which established a 20% cost-share of eligible project costs, not to exceed \$200,000 in any fiscal year. Amendment No. 1 was approved by the BCC on May 21, 2013 (R2013-0618) and was a one-time increase in the City's cost-share cap to \$339,000 to cover project costs associated with Hurricane Sandy.

FDEP funding agreements 14PB5 and 06PB2 authorize a respective 50% and 40% cost share for Singer Island dune construction (\$602,160 total state share). The City cost share of this restoration work will be \$261,600. pending execution of Amendment 2. The remaining cost of \$444,831 is provided from the Beach Improvement Fund. District 1 (SF)

**Background and Justification:** Since 2001, nine dune restoration projects have provided beach stabilization for recreation, habitat and storm protection.

Amendment No. 2 to the Interlocal Agreement (R2012-1579) with the City for Dune Restoration was adopted by the City Council on October 15, 2014. This amendment raises the city's annual funding cap from \$200,000 to \$500,000 in order to account for potential overruns due to extreme weather and an extension of project boundaries approximately 1250 feet south. The extended project area is identified on the Project Overview map as Zone 4.

Previous dune restoration projects on Singer Island have utilized three existing construction access easements identified on the map as Zones 1-3. A new 50-year construction access easement has been signed by the Oceans Edge Condominium Owners Association to facilitate access to Zone 4. Two new dune restoration easements have also been signed by Oceans Edge and Beach Front at Singer Island Condominium Owners Associations to allow dune restoration fronting their properties.



**Legend**

- Major Roads
- DEP Monument

**Construction Access Easements**

- Existing
- Proposed

**Dune Restoration Easements**

- Beach Front
- Ocean's Edge