

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date: December 15, 2015	(X) Consent	() Regular
	() Workshop	() Public Hearing
Department		
Submitted By:	<u>Environmental Resources Management</u>	
Submitted For:	<u>Environmental Resources Management</u>	

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

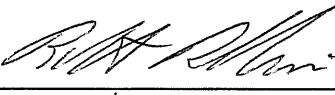
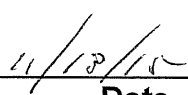
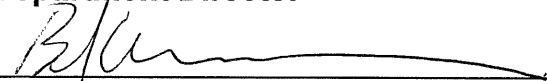
- A) Work Order No. 1825-05 to the Palm Beach County Dune and Wetland Restoration Annual Contract (R2013-1825), Project No. 2013ERM01 with Eastman Aggregate Enterprises, LLC (Eastman) not-to-exceed \$375,964.66 to provide dune restoration services for the Singer Island Dune Restoration Project Zone 4;
- B) Budget Amendment of \$75,193 in the Beach Improvement Fund to recognize the City of Riviera Beach’s (City) cost share; and,
- C) Budget Transfer of \$150,000 in the Beach Improvement Fund from reserves to Shoreline Protection Program Activities to cover non-project specific monitoring.

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.

The BCC approved an Annual Contract (R2013-1825, as amended by R2014-1322 and R2014-1936) with Eastman, a Palm Beach County SBE Company, for Palm Beach County Dune and Wetland Restoration, Project No. 2013ERM01 on December 17, 2013. Work Order No. 1825-05 authorizes Eastman to truck haul sand to the beach for the Singer Island Dune Restoration Project Zone 4.

Continued on page 3

- Attachments:**
- 1. Project Overview Map
 - 2. Work Order No. 1825-05
 - 3. Budget Amendment (3652)
 - 4. Budget Transfer (3652)

Recommended by:		
	Department Director	Date
Approved by:		
	Deputy County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2016	2017	2018	2019	2020
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	<u>525,965</u>	_____	_____	_____	_____
External Revenues	<u>(225,373)</u>	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	<u>300,592</u>	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____
Is Item Included in Current Budget?	Yes _____		No _____		

Budget Account No.: Fund 3652 Department 381 Unit M037 Object 4630
Program _____

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

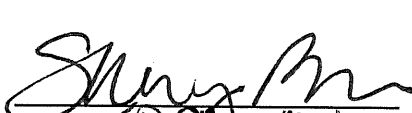
FDEP \$150,180 (Singer Island)
City of Riviera Beach \$75,193 (Singer Island) up to \$500,000
Beach Improvement Fund: \$300,592
* 375,964.66 pertains to this work order not entire project


C. Department Fiscal Review:



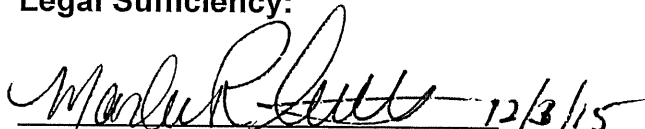
III. REVIEW COMMENTS

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


OFMB 11/17 11/24 11/24


Contract Development and Control
12/2/15
Blawiecku

B. Legal Sufficiency:


Assistant County Attorney
12/3/15

C. Other Department Review:

Department Director

Continued from page 1

Eastman committed to an overall 44.05% SBE participation in the Contract and will achieve 57% on the Contract, including this Work Order.

An Interlocal Agreement with the City was approved by the BCC on October 16, 2012 (R2012-1597, as amended by R2013-0618 and R2014-1832) which established a 20% cost-share of eligible project costs, not to exceed \$500,000 in any fiscal year (\$75,193 total City share). FDEP funding is authorized under Grant Agreement 06PB2 (R2007-0046, as amended by R2008-2222, R2008-2223, R2009-2147, R2012-0729, and R2014-0293) for a 39.945% cost share (\$150,180 total state share) for this work; the remaining cost of \$150,592 is provided from the Beach Improvement Fund. District 1 (ME)

Background and Justification: Since 2001, ten dune restoration projects have provided beach stabilization for recreation, habitat and storm protection. The Zone 4 project area will extend the existing project boundary south by approximately 1,500 feet.

Attachment 1



WORK ORDER
ANNUAL CONTRACT

PROJECT NAME: Palm Beach County Dune and Wetland Restoration Annual Contract

PROJECT NO.: 2013ERM01

CONTRACT RESOLUTION NO.: R2013-1825

DEPARTMENT: Environmental Resources Management (ERM)

WORK ORDER ERM PROJECT MANAGER: Andy Studt

WORK ORDER PROJECT NAME: Singer Island Dune Restoration Project Zone 4

WORK ORDER LOCATION: Singer Island

WORK ORDER NO.: 1825-05

COMM. DISTRICT NO. 1

BUDGET LINE ITEM: 3652-381-M037-4630-S015-CSII-011

[Fiscal approval of Budget Availability:  11/13]

TO: EASTMAN AGGREGATE ENTERPRISES, LLC
3705 Bellevue Avenue
Lake Worth, FL 33461

In accordance with the terms of your Contract dated 12/17/13, with Palm Beach County, a Political Subdivision of the State of Florida, you are directed to provide the following supplies and services: Supply, transport, placement and grading of up to 15,392.40 tons of sand to meet the lines and grades as outlined in the attached plansheets dated 5/26/2015.

The above work shall be performed at the Work Order Location, in accordance with the attachments, including FDEP Permit No. PB-1155 M1.

The total amount of this Work Order, at the contract prices, shall not exceed \$375,964.66 as identified in the attached Work Order Bid Schedule, dated 10/20/2015.

The work shall be Substantially Complete within sixty (60) calendar days after the Commencement Date. This time includes three (3) calendar days for Inclement Weather. No operation, transportation or storage of equipment or materials is authorized seaward of the dune crest after February 29, 2016. The Commencement Date and the deadline for Substantial Completion shall be provided by the County in the Notice to Proceed.

The permitted hours for construction work during the months of December through February are from 7 am. to 5 pm., Monday through Saturday. Contractor must be off the beach by February 29, 2016.

The Liquidated Damages assessed for completion after Substantial Completion or Final Completion is: \$500.00/day.

Progress Payment Retainage shall be held in the amount of 5% of the Total Complete.

The additional insured(s) and indemnitee(s) are: Palm Beach County.

This Work is funded in part or in whole by: Florida Department of Environmental Protection, Palm Beach County, and the City of Riviera Beach.

Davis-Bacon Act does not apply. E-Verify requirements apply.

ATTEST:
SHARON R. BOCK
CLERK & COMPTROLLER

FOR: PALM BEACH COUNTY, FLORIDA,
A POLITICAL SUBDIVISION OF THE
STATE OF FLORIDA
BOARD OF COUNTY COMMISSIONERS

Deputy Clerk

(Seal)

BY: _____
Mayor

DATE: _____

APPROVED AS TO
FORM AND LEGAL SUFFICIENCY:



Assistant County Attorney


APPROVED AS TO
TERMS AND CONDITIONS:



Robert Robbins, Director
Dept. of Environmental Resources Mgmt.

CONTRACTOR AFFIDAVIT AND RECEIPT OF WORK ORDER:

Having carefully examined the Work Order documents, including its attachments and Plans, for the above-referenced Project, as well as the premises and conditions affecting the Work, and confirming that the site(s) was/were visited, as required, by

 on 10/1/15,
(Name of Person) (Date)

the undersigned hereby declares that we have carefully and to our full satisfaction examined the Work Order documents, and that we have made a full examination of the location of the proposed Work and the source of supply of materials. Please indicate your receipt of this Work Order by signing and returning two originals.

BY:  _____

Bernard Eastman
Name

Managing Member
Title

Eastman Aggregate Enterprises, LLC
Contractor Name

Attachments: Work Order Bid Schedule
Plansheets, Permits
SBE Schedules 1, 2 for Work Order
Contract History

c: Clerk Finance
Contract Development and Control



EASTMAN AGGREGATE ENTERPRISES, LLC.

3705 BELLEVUE AVE
Lake Worth, FL 33461
561-969-7147

PBC DEPT. OF ENVIRONMENTAL RESOURCES MGMT.
2300 NORTH JOG ROAD, 4TH FLOOR
WEST PALM BEACH, FL 33411
Attention: ANDY STUDT

DATE: 10/20/2015

PROJECT NAME:
SINGER ISLAND ZONE 4

THIS PROPOSAL TO PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT TO COMPLETE

<u>JOB AS OUTLINED BELOW</u>	<u>QTY</u>	<u>UNITS</u>	<u>ITEM \$</u>	<u>ITEM COST</u>
1 SUPPLY SAND	15,392.40	TON	10.06	154,847.54 ✓
2 TRANSPORT AND DELIVERY - FILL (FIRST TON MILE) 1	15,392.40	Ton-Mile	1.36	20,933.66 ✓
3 TRANSPORT AND DELIVERY - FILL (ADDITIONAL TON MILE) 68.8	1,058,997.00	Ton-Mile	0.15	158,849.55 ✓
6 BEACH PLACE AND GRADE (1000' FROM ACCESS)	15,392.40	TON	2.03	31,246.57 ✓
9 SITE PREPARATION & RESTORATION	1.00	W/O	1317.47	1,317.47 ✓
10 SUPPLY, DELIVERY AND INSTALLATION OF SOD	100.00	YD2	2.23	223.00 ✓
14 DEBRIS REMOVAL	15.00	Ton	50.24	753.60 ✓
15 MAINTENANCE OF TRAFFIC	1.00	W/O	1317.47	1,317.47 ✓
16 CERTIFIED SAND QUALITY TESTING	20	event	323.79	6,475.80 ✓
			TOTAL\$	375,964.66 ✓

THIS PROPOSAL IS SUBJECT TO ALL TERMS AND CONDITIONS OF ALL DOCUMENTS HEREOF, AND SHALL BECOME A CONTRACT WHEN ACCEPTANCE BELOW IS SIGNED BY AN AUTHORIZED AGENT OF BOTH PARTIES

EASTMAN AGGREGATES ENTERPRISES, LLC

DATE: _____

ACCEPTED:

FOR:

DATE: _____

SCHEDULE 1 FOR WORK ORDER NO. 1825-05
LIST OF PROPOSED SBE-M/WBE PARTICIPATION

PROJECT NAME OR BID NAME: Palm Beach County Dune and Wetland Restoration Annual Contract PROJECT NO. OR BID NO: 2013ERM01

NAME OF PRIME BIDDER: Eastman Aggregate Ent.

ADDRESS: 3705 Bellevue Ave., Lake Worth, FL 33461

CONTACT PERSON: Bernie Eastman

PHONE NO: (561) 969-7147 FAX NO.: (561) 434-3477

BID OPENING DATE: October 29, 2013

USER DEPARTMENT: Environmental Resources Management

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT AND/OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE -M/WBE's ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT AND/OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT. THE PRIME AFFIRMS THAT IT WILL MONITOR THE SBES LISTED TO ENSURE THE SBES PERFORM THE WORK WITH ITS OWN FORCES.

Name, Address and Phone Number	(Check one or both Categories)		DOLLAR AMOUNT AND/OR PERCENTAGE OF WORK				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Eastman Aggregate Enterprises, LLC. 3705 Bellevue Ave Lake Worth, FL 33461	<input type="checkbox"/>	<input checked="" type="checkbox"/>				*132,142.42	
2.	<input type="checkbox"/>	<input type="checkbox"/>					
3.	<input type="checkbox"/>	<input type="checkbox"/>					
4.	<input type="checkbox"/>	<input type="checkbox"/>					
5.	<input type="checkbox"/>	<input type="checkbox"/>					

(Please use additional sheets if necessary)

Total

*132,142.42

Total Work Order Price \$ 375,964.66

Total SBE-M/WBE Participation Dollar Amount and/or Percentage of Work *132,142.42

I hereby certify that the above information accurate to the best of my knowledge Bernie Eastman Office Manager
 Signature Title

- Note:
1. The amount listed on this form for a SBE-M/WBE Prime or Subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount and/or percentage under the appropriate category.
 3. M/WBE information is being collected for tracking purposes only.

Revised 7/2/2013

OSBA SCHEDULE 2 FOR WORK ORDER NO. 1825-05
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE

This document must be completed by ALL SBE-M/WBE's and submitted with this bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 2013ERM01 PROJECT NAME: Palm Beach County Dune and Wetland Restoration Annual Contract

TO: Eastman Aggregate Enterprises, LLC
 (Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise ☒ Minority Business Enterprise ☐

Black ☐ Hispanic ☐ Women ☐ Caucasian ☒ Other (Please Specify) ☐

Date of Palm Beach County Certification: December 27, 2013

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No.	Item Description	Qty/Units	Unit Price	Total Price/ Percentage
1	Supply Sand	15,392.40 tons	10.06	154,847.54
2	Transport: Delivery 1st ton mile	15,392.40 ton mile	1.36	20,933.66
3	Transport: Delivery Add ton mile	1,058,997.00 ton mile	.15	158,849.55
6	Beach Plac: Grade 1000	15,392.40 ton	2.03	31,246.57
9	Site Prep: Restoration	2 w/o	1317.47	1,317.47
10	Supply, delivery, install Sed	100 yd2	2.23	223.00

6020
+ 92,908.52

at the following price or percentage _____
 (SBE Prime or Subcontractor's Quote)

and will enter into a formal agreement for work with you contingent upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price or Percentage \$87,391.61 Allied Trucking of Palm Beach Items # 2:3
Austin Taylor Trucking
 (Name of Subcontractor)

The Prime affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the work with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Eastman Aggregate Enterprises, LLC
 (Print name of
 SBE-M/WBE Company)

By: [Signature]
 (Signature)

Bernard Eastman MGRM
 Print name/title of person executing on behalf
 of SBE-M/WBE

Date: 10/8/15

Revised 7/2/2013

OSBA SCHEDULE 2 FOR WORK ORDER NO. 1825-05
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE

This document must be completed by ALL SBE-M/WBE's and submitted with this bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 2013ERM01 PROJECT NAME: Palm Beach County Dune and Wetland Restoration Annual Contract

TO: Eastman Aggregate Enterprises, LLC
 (Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise ☒ Minority Business Enterprise ☐

Black ☐ Hispanic ☐ Women ☐ Caucasian ☒ Other (Please Specify) ☐

Date of Palm Beach County Certification: December 27, 2013

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No.	Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>14</u>	<u>Debris Removal</u>	<u>15 tons</u>	<u>50.24</u>	<u>753.60</u>
<u>15</u>	<u>MOT</u>	<u>1 w/o</u>	<u>1317.47</u>	<u>1317.47</u>
<u>16</u>	<u>Certified Sand Testing</u>	<u>20 Events</u>	<u>323.79</u>	<u>6475.80</u>

at the following price or percentage \$ 314,025.64
 (SBE Prime or Subcontractor's Quote)

and will enter into a formal agreement for work with you contingent upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price or Percentage \$ 1,100.00 Item # 15
Arme Barricades
GFA International Item # 16
 (Name of Subcontractor)

The Prime affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the work with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

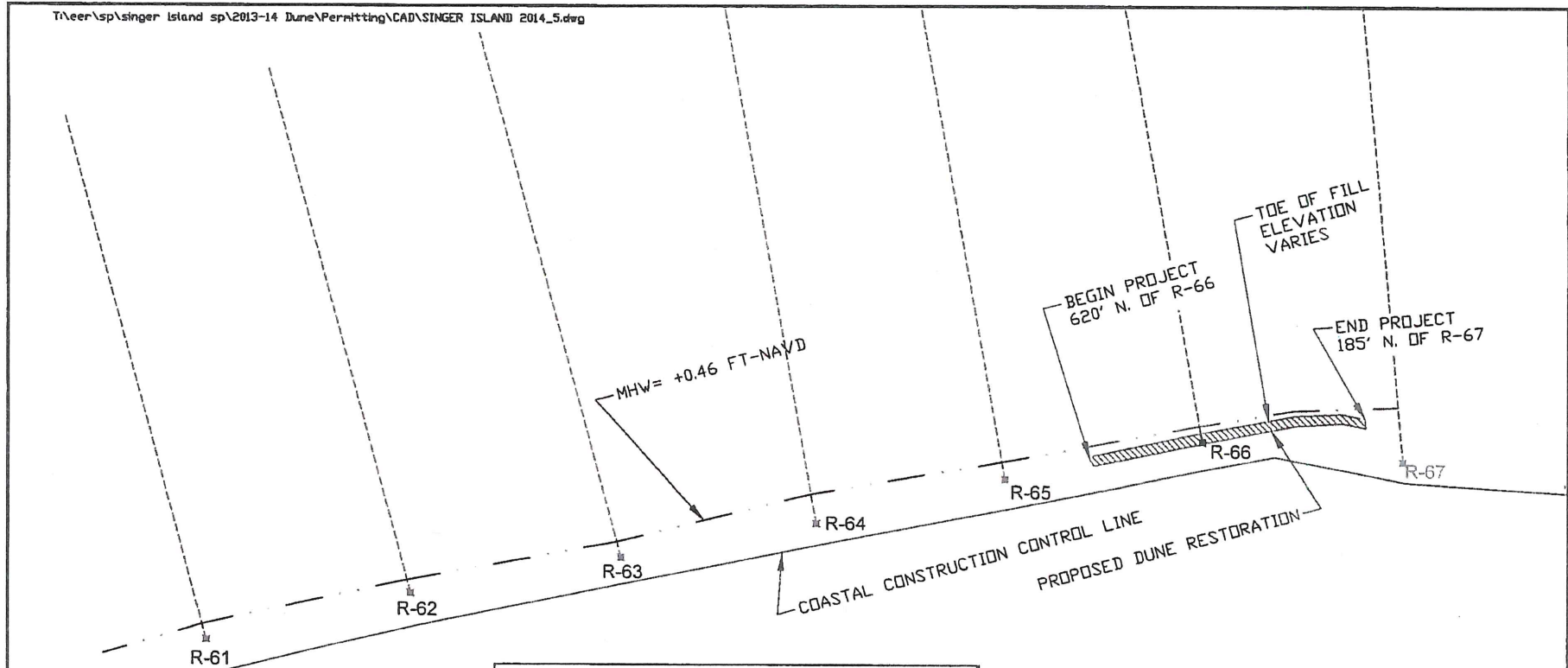
The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Eastman Aggregate Enterprises, LLC
 Print name of
 SBE-M/WBE Company
 By: [Signature]
 (Signature)

Bernard Eastman, MGRM
 Print name/title of person executing on behalf
 of SBE-M/WBE

Date: 10/28/15



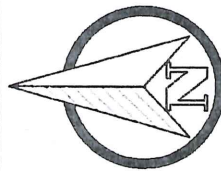


2014 Singer Island Dune Restoration Project Zone 4

Interval (R Monument)	Fill Volume (CY)
65 - 66	5,867
66 - 67	6,960
67 - 68	N/A
Total Fill Volume	12,827



Michael L. Evans
5/26/15



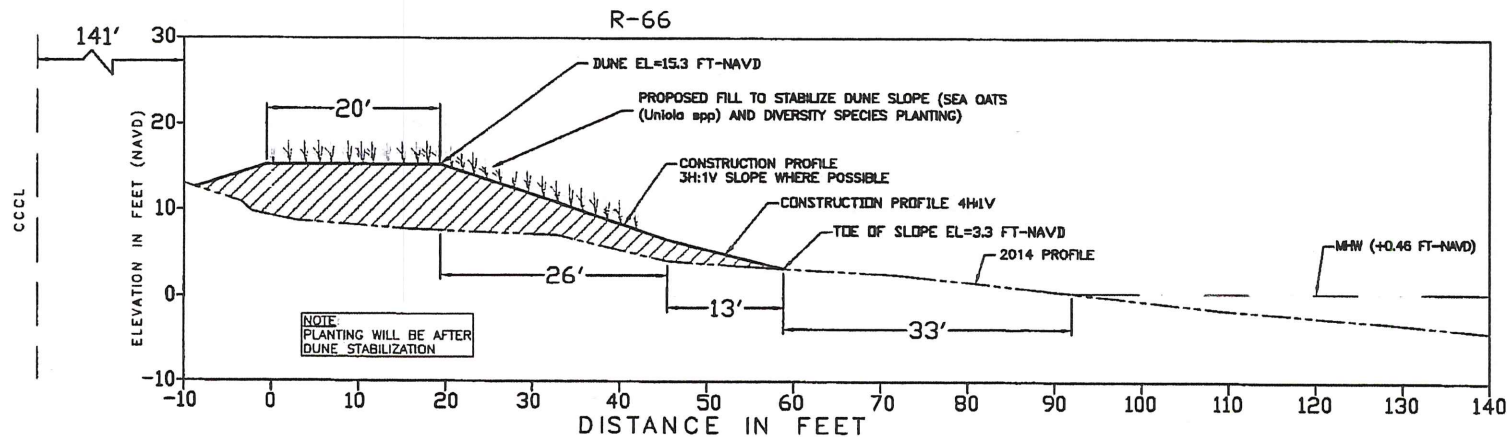
DEPARTMENT OF
ENVIRONMENTAL
RESOURCES MANAGEMENT

SINGER ISLAND DUNE RESTORATION PROJECT ZONE 4

GENERAL VIEW

SIZE	DWG NO.	REV
		1
SHEET: 1 of 2	DATE: 05/26/2015	SCALE: NOTED
		DRAWN BY: ME

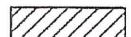
Michael L. Evans
PE # 54793



SECTION R-66

NOTE:
EXISTING PROFILE (2014 PROFILE) BASED ON PALM BEACH COUNTY 2014 ANNUAL BEACH MONITORING TOPOGRAPHIC/HYDROGRAPHIC SURVEY (FDEP MONUMENTS R-61 TO R-65) BY SEA DIVERSIFIED, INC. UPLAND PROFILE DATA COLLECTED JULY 24, 2014. OFFSHORE DATA COLLECTED JULY 31, 2014.

LEGEND

- CONSTRUCTION PROFILE
- - - - EXISTING PROFILE (2014)
-  AREA TO BE FILLED

Michael L. Evans
5/26/15



DEPARTMENT OF
ENVIRONMENTAL
RESOURCES MANAGEMENT

SINGER ISLAND DUNE
RESTORATION PROJECT
ZONE 4

TYPICAL PRE/POST R-66 CONSTRUCTION PROFILE

SIZE	DWG NO.	REV
		1
SHEET: 2 of 2	DATE: 05/26/2015	SCALE: NOTED
		DRAWN BY: ME

Michael L. Evans
PE # 54793



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

BOB MARTINEZ CENTER
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANERA
LT. GOVERNOR

JONATHAN P. STEVERSON
INTERIM SECRETARY

June 17, 2015

Palm Beach County
c/o Robert Robbins, Director
Palm Beach County Environmental Resource Management
2300 North Jog Road, 4th Floor
West Palm Beach, Florida 33411-2743

Dear Mr. Robbins:

Notice to Proceed Issued

Modified Permit Number: PB-1155 M1
Permittee Name: Palm Beach County

Your request for modification of the previously issued permit pursuant to Section 161.053, Florida Statutes, for construction or other activities seaward of the coastal construction control line, has been approved by the Department of Environmental Protection, enclosed is the permit. However, construction may not commence until after the permittee complies with any preconstruction requirements described in Special Permit Condition 1.

Please read the permit and permit conditions including both the General Permit Conditions and any Special Permit Conditions closely before starting construction.

The permit will expire on June 16, 2016. Upon receipt of a timely written request signed by the permittee or authorized agent, the Department will consider extending the permit for up to but no more than three years. You must apply for a new permit for completion of any work not accomplished under the original permit. Although you may apply for a new permit, there is no assurance that such new permit for the same construction or activities would be approved.

The authorized work is strictly limited to that described on the enclosed modified permit. If you have any questions pertaining to this permit, please contact me by mail at the letterhead address (add Mail Station 3522), by telephone at (850) 245-7668, or by email at celora.a.jackson@dep.state.fl.us.

Sincerely,

Celora Douse Jackson, Engineer IV
Coastal Construction Control Line Program
Division of Water Resource Management

CDJ/dw

Enclosures

cc: Permit Information Center
Christian Lambright, Field Inspector
Palm Beach County, Building Official



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Water Resource Management
2600 Blair Stone Road- Mail Station 3522
Tallahassee, Florida 32399-2400
(850) 245-8336

PERMIT NUMBER: PB-1155 M1

PERMITTEE

Palm Beach County
c/o Robert Robbins, Director
Palm Beach County Environmental Resources Management
2300 North Jog Road, 4th Floor
West Palm Beach, Florida 33411-2743

MODIFIED NOTICE TO PROCEED AND MODIFICATION OF PERMIT FOR CONSTRUCTION OR OTHER ACTIVITIES PURSUANT TO SECTION 161.053, FLORIDA STATUTES

FINDINGS OF FACT: An application for authorization to conduct altered or additional work seaward of the coastal construction control line as shown in the project description of this modified permit was filed by the applicant/permittee named herein on June 1, 2015, and amended on June 11, 2015, and was determined to be complete pursuant to rule on June 1, 2015, as amended on June 11, 2015, in furtherance of settlement. Authorization to conduct activities as originally permitted was approved on February 23, 2015. This modification is being issued pursuant to the stipulation for settlement executed by the parties in Florida Division of Administrative Hearings case number 15-1972.

CONCLUSIONS OF LAW: After considering the merits of the proposal and any written objections from affected persons, the Department finds that upon compliance with the permit conditions, the activities indicated in the project description of this modified permit are of such a nature that they will result in no significant adverse impacts to the beach/dune areas or to adjacent properties; that the work is not expected to adversely impact nesting sea turtles, their hatchlings, or their habitat; that the work is expendable in nature and/or is appropriately designed in accordance with Section 62B-33.005, Florida Administrative Code. Based on the foregoing considerations, the Department approves the application; authorizes construction and/or activities at the location indicated below in strict accordance with the project description, the approved plans (if any) and the General Permit Conditions which are attached and are by this reference incorporated herein, and any additional conditions shown below, pursuant to Section 161.053(4), Florida Statutes.

EXPIRATION DATE: ~~February 23~~ June 16, 2016

LOCATION: Between approximately 620 feet north of Department of Environmental Protection's reference monument R-66, and approximately ~~150 feet south~~ 185 feet north of the Department of Environmental Protection's reference monument R-67, in Palm Beach County. Project address: Singer Island Dune Restoration Project, 4100-5060 North Ocean Drive, Riviera Beach.

PROJECT DESCRIPTION: The applicant/permittee is authorized to perform dune restoration consisting of the placement of approximately ~~14,908~~ 12,827 cubic yards of beach compatible sand material above the line of mean high water and the planting of salt-tolerant native dune vegetation within the restored dune along approximately ~~1,000~~ 1,550 feet of shoreline. The sand source for all sand fill material is the Stewart Mine in Ft. Pierce. The restored dune is to have a crest elevation varying from +9.0 feet to +15.3 feet (NAVD) from south to north, and a maximum seaward slope of approximately 1-foot vertical to 3-foot horizontal. The seaward limits of the restored dune is to be no closer than 33 feet to the mean high water line (MHWL).

SPECIAL PERMIT CONDITIONS:

1. Prior to commencement of construction activity authorized by this permit, a preconstruction conference shall be held at the site to establish an understanding among the parties as to the items specified in the special and general conditions of the permit, and provide an opportunity for explanation and or clarification of the approved sand placement plan as well as discussion of additional guidelines for protection of marine turtles and other wildlife during construction. This meeting shall include the contractor or agent overseeing the construction, DEP staff and FWC staff. At least five (5) business days advance notice shall be provided prior to the meeting, and provisions shall be made for the meeting to be conducted by phone or electronically. A copy of the approved plans shall be made available on site for the meeting and shall remain on site for consultation during project construction. **Contact Jason Spanier at (772) 919-5786 to schedule a conference.**
2. Construction activity authorized by this permit shall not commence until after the time period for the public to exercise any rights they may have under Chapter 120, Florida Statutes, has expired, or if a hearing is requested, disposition of the hearing request has been made.
3. Fill from the Stewart Mine in Ft. Pierce, will be placed in accordance with the following:
 - 3.1. Washing and handling the source material to match the beach compatible sediment quality equal to the sample provided to the Department on October 27, 2014.
 - 3.2. All fill material placed seaward of the control line shall consist of sand that is of beach compatible quartz, carbonate or other sediment similar in composition to the native beach sand, with a particle size distribution ranging between 0.062mm (4.0phi) and 4.76mm (-2.25phi) (classified as sand by either the Unified Soils or the Wentworth classification). Fill material shall be similar in color and grain size distribution (sand grain frequency, mean and median grain size and sorting coefficient) to the material present on the beach berm seaward of the project site. Fill material shall not result in cementation of the beach and shall not contain:
 - 3.2.1. Greater than five percent by weight of silt, clay or colloids passing the #230-sieve (4.0phi);
 - 3.2.2. Greater than five percent by weight of fine gravel retained on the #4-sieve (-2.25phi);
 - 3.2.3. Coarse gravel, cobbles or material retained on the three-quarter inch sieve in a percentage or size greater than found on the native beach; or,
 - 3.2.4. Construction debris, metal, vegetation, organic soil, rocks, clay, toxic material or other foreign matter.
 - 3.3. Three benchmark samples, each approximately 1/4 pound of beach quality sand material from the Stewart Mine approved by the Department for dune placement, shall be available for inspection at the preconstruction conference and retained for permit compliance: one by the Department's field representative, one by the permittee and one retained on site by the contractor.

- 3.4. Fill placement will follow the approved Sediment QA/QC Plan dated October 24, 2014. Any single or cumulative placement of greater than 15 yards of material determined not to meet the benchmark beach sand sample quality shall be re-mediated. Upon discovery of such an occurrence, all fill placement shall cease and the incompatible material removed and disposed of in an upland site. The permittee shall report all quantities of incompatible material removed off the project site and replace any unsuitable material with beach compatible sand.
4. All sand material shall be placed landward of the mean high water line.
5. The removal of existing native beach/dune vegetation is not authorized.
6. The construction site(s) shall be accessed from existing and established access points.
7. Prior to any sand placement, all exposed concrete and metal debris shall be removed from the beach to the extent practicable. Debris removal activities shall proceed during daylight hours only and must not commence until completion of the marine turtle survey each day.
8. All material must be blended if there is a noticeable color difference between the existing beach and newly placed excavated material.
9. Material placed on the beach (after blending) may not have a Munsell color value less than 6, or chroma greater than 1; there may be variations in the hue.
10. No additional activities are authorized under this permit.
11. Prior to submitting the final certification, referenced in General Permit Condition 1(g), the permittee shall submit an as-built plan prepared and certified by a licensed landscape architect showing the landscape plantings activities referenced under Project Description to be completed.
12. No operation, transportation, or storage of equipment or materials is authorized seaward of the dune crest during the marine turtle nesting season. The marine turtle nesting season is March 1 through October 31.
13. Visual surveys for escarpments along the project area shall be made immediately after completion of the sand placement project and during March 15 to April 15 for three (3) subsequent years if sand from the project area still remains on the beach. The Permittee shall contact FWC immediately if escarpments form during the nesting and hatching season, and the escarpments interfere with sea turtle nesting or exceed 18 inches in height for a distance of 100 feet. The FWC would then determine the appropriate action to be taken. If it is determined that escarpment leveling is required during the nesting or hatching season, the FWC shall provide a brief written authorization that describes methods to be used to reduce the likelihood of impacting existing nests. An annual summary of escarpment surveys and actions taken shall be submitted electronically to marineturtle@myfwc.com along with the annual summary as described below.

14. Post-construction Conditions, Monitoring and Reporting.

- 14.1 Marine Turtles: Reports on all sea turtle nesting activity shall be provided for the initial sea turtle nesting season (March 1 through September 30) and for up to two additional nesting seasons as follows:
- 14.2. For the initial nesting season and the following year, the number and type of emergences (nests or false crawls) shall be reported per species in accordance with **Table 1 below**. An additional year of nesting surveys may be required if nesting success for any species on the nourished beach is less than 40%.
- 14.3. For the initial nesting season, reproductive success shall be reported per species in accordance with Table 1 below. Reproductive success shall be reported for all loggerhead, Kemp's ridley, green and leatherback nests.
- 14.4. In the event that the reproductive success documented by species meets or exceeds required criteria (outlined in Table 1 below) for each species, monitoring for reproductive success shall be recommended, but not required for the second year post-construction.
- 14.5. Monitoring of nesting activity in the seasons following construction shall include daily surveys and any additional measures authorized by the FWC. Summaries shall include all crawl activity, nesting success rates, hatching success of all relocated nests, hatching success of a representative sampling of nests left in place (if any) by species, project name and applicable project permit numbers and dates of construction.
- 14.6. Lighting Surveys. Two lighting surveys shall be conducted of all artificial lighting visible from the nourished berm. The first survey shall be conducted between May 1 and May 15 the first nesting season following construction or immediately after placement if construction is not completed until after May 15, and a second survey between July 15 and August 1. The survey shall be conducted by the Permittee and shall be conducted to include a landward view from the seaward most extent of the new beach profile. The survey shall follow standard techniques for such a survey and include number and type of visible lights, location of lights and photo documentation. For each visible light source, the Permittee shall document that the property owner(s) have been notified of the problem light with recommendations for correcting the light. Recommendations shall be in accordance with the local lighting restrictions. A report summarizing all lights visible shall be submitted to FWC Imperiled Species Management Section at marineturtle@myfwc.com by the 1st of the month following survey. A summary report documenting what corrective actions have been taken shall also be submitted by December 15 of that year. After the annual report is completed, a meeting shall be set up with the Permittee, county or municipality and the FWC to discuss the survey report, as well as any documented sea turtle disorientations in or adjacent to the project area.

- 14.7. Data should be reported for the constructed dune areas in accordance with the Table 1 below and should include number of nests lost to erosion or washed out. Summaries of nesting activity shall be submitted in electronic format (Excel spreadsheets) to the FWC Imperiled Species Management section at marineturtle@myfwc.com. All summaries should be submitted by January 15 of the following year. The FWC Excel spreadsheet is available upon request from marineturtle@myfwc.com.

Metric	Duration	Variable	Criterion
Nesting Success	Year of construction and one year post construction if placed sand remains on beach. Up to three years if variable does not meet criterion. ^{1 and 2}	Number of nests and non-nesting emergences by day by species	40% or greater
Hatching Success	Year of construction. Additional one to two years post construction if placed sand remains on beach and variable does not meet criterion. ^{1 and 2}	Number of hatchlings by species to completely escape egg	Average of 60% or greater (data must include washed out nests)
Emergence Success	Year of construction. Additional one to two years post construction if placed sand remains on beach and variable does not meet success criterion. ^{1 and 2}	Number of hatchlings by species to emerge from nest onto beach	Average must not be significantly different than the average hatching success
Disorientation	Year of construction and one to three years post construction if placed sand remains on beach. ^{1 and 2}	Number of nests and individuals that disorient	
Lighting Surveys	Two surveys the year following construction , one survey between May 1 and May 15 and second survey between July 15 and August 1. ^{1 and 2}	Number, location and photographs of lights visible from nourished berm, corrective actions and notifications made	100% reduction in lights visible from nourished berm within one to two month period
Compaction	Not required if the beach is tilled prior to nesting season each year placed sand remains on beach.	Shear resistance	Less than 500 psi
Escarpment Surveys	Weekly during nesting season for up to three years each year placed sand remains on the beach. ²	Number of scarps 18 inches or greater extending for more than 100 feet that persist for more than 2 weeks	Successful remediation of all persistent scarps as needed

Notes: ¹Not required for maintenance dredging.

²Not required if dredged sand is placed in the nearshore swash or littoral zones only.

Table 1. Sea Turtle Monitoring for Beach Placement of Material

- 15.0 Planting of dune vegetation is authorized to occur during the sea turtle nesting season (March 1 through October 31) under the following conditions. For more information on sea turtle conservation, contact the Florida Fish and Wildlife Conservation Commission, Imperiled Species Management Section (FWC) at 850/922-4330.
- 15.1. The Permittee shall ensure that the project area and access sites are surveyed for sea turtle nesting activity. All nest surveys, nest relocations, screening or caging activities etc. shall be conducted only by persons with prior experience and training in these activities and is duly authorized to conduct such activities through a valid permit issued by FWC pursuant to Florida Administrative Code 68E-1. For information regarding whether the project beach is surveyed by qualified personnel, contact FWC at 561/575-5407.
- 15.2. It is the responsibility of the permittee to ensure that the project area and access sites are surveyed daily for marine turtle nesting activity, and all nests in the project area are marked for protection. The permittee must arrange for a Marine Turtle Permit Holder who is duly authorized to conduct activities on the beach through a valid permit issued by the FWC, pursuant to 68E-1, F.A.C., to conduct all nesting surveys and nest protection work and shall convey the following requirements to the Marine Turtle Permit Holder who has agreed to conduct nest marking for this activity.
- 15.3. Sea turtle nest surveys shall be initiated at the beginning of the nesting season or 65 days prior to installation of plants (whichever is later). Surveys shall continue until completion of the project or through September 15 (whichever is earliest). Surveys shall be conducted throughout the project area and all beach access sites.
- 15.4. Any nests deposited in an area not requiring relocation for conservation purposes (as determined by the FWC-authorized marine turtle permit holder) shall be left in situ. The marine turtle permit holder shall install an on beach marker at any nest site and a secondary marker located at a point as far landward as possible to ensure that future location of the nest will be possible should the on-beach marker be lost. A series of stakes and survey ribbon or string shall be installed to establish an area of 3 feet radius surrounding the nest. No planting or other activity shall occur within this area nor shall any activity occur that might cause indirect impacts within this area. Nest sites shall be inspected daily to ensure nest markers have not been removed.
- 15.5. The use of heavy equipment (including trucks) is not authorized seaward of the dune crest or armoring structure. A lightweight (ATV style) vehicle, with tire pressures of 10 p.s.i. or less may operate on the beach.
- 15.6. Any vegetation planting and removal or placement of irrigation materials shall be conducted with hand labor and tools.
- 15.7. Plants may be hand-watered only; irrigation structures shall not be installed due to the high-density nesting in this area.

- 15.8 All activity shall be confined to daylight hours and shall not occur prior to the completion of all necessary sea turtle surveys and conservation activities within the project area. Nighttime storage of equipment or materials shall be off the beach (i.e., landward of the dune crest, existing seawalls or bulkheads).
- 15.9. In the event a nest is disturbed or uncovered during planting activity, the Permittee shall cease all work and immediately contact the person(s) responsible for sea turtle conservation measures within the project area and notify FWC at marineturtle@myfwc.com. If a nest(s) cannot be safely avoided during construction, all activity within the affected project area shall be delayed until complete hatching and emergence of the nest.
- 15.10. Existing native dune vegetation shall be disturbed only to the minimum extent necessary. Only native salt tolerant plant species are authorized to be installed.

Modified approved plans are incorporated into this permit by reference, as are any previously approved plans which are not superseded by modified approved plans. This modified permit, with the referenced attachments, comprises the entire permit and supersedes the permit as previously issued.

Done and ordered this 16th day of June 2015, in Tallahassee, Florida.

Attachment: General Permit Conditions

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52
Florida Statutes, with the designated
Department Clerk, receipt of which is hereby
acknowledged.

State of Florida
Department of Environmental Protection



Tony D. McNeal, P.E., Administrator
Coastal Construction Control Line Program
Division of Water Resource Management



Deputy Clerk

06/16/2015

Date



General Permit Conditions

Rule 62B-33.0155, Florida Administrative Code

1. The following general permit conditions shall apply, unless waived by the Department or modified by the permit:

(a) The permittee shall carry out the construction or activity for which the permit was granted in accordance with the plans and specifications that were approved by the Department as part of the permit. Deviations therefrom, without written approval from the Department, shall be grounds for suspension of the work and revocation of the permit pursuant to Section 120.60(7), F.S., and shall result in assessment of civil fines or issuance of an order to alter or remove the unauthorized work, or both. No other construction or activities shall be conducted. No modifications to project size, location, or structural design are authorized without prior written approval from the Department. A copy of the notice to proceed shall be conspicuously displayed at the project site. Approved plans shall be made available for inspection by a Department representative.

(b) The permittee shall conduct the construction or activity authorized under the permit using extreme care to prevent any adverse impacts to the beach and dune system, marine turtles, their nests and habitat, or adjacent property and structures.

(c) The permittee shall allow any duly identified and authorized member of the Department to enter upon the premises associated with the project authorized by the permit for the purpose of ascertaining compliance with the terms of the permit and with the rules of the Department until all construction or activities authorized or required in the permit have been completed and all project performance reports, certifications, or other documents are received by the Department and determined to be consistent with the permit and approved plans.

(d) The permittee shall hold and save the State of Florida, the Department, and its officers and employees harmless from any damage, no matter how occasioned and no matter what the amount, to persons or property that might result from the construction or activity authorized under the permit and from any and all claims and judgments resulting from such damage.

(e) The permittee shall allow the Department to use all records, notes, monitoring data, and other information relating to construction or any activity under the permit, which are submitted, for any purpose necessary except where such use is otherwise specifically forbidden by law.

(f) Construction traffic shall not occur and building materials shall not be stored on vegetated areas seaward of the control line unless specifically authorized by the permit. If the Department determines that this requirement is not being met, positive control measures, such as temporary fencing, designated access roads, adjustment of construction sequence, or other requirements, shall be provided by the permittee at the direction of the Department. Temporary construction fencing shall not be sited within marine turtle nesting habitats.

(g) The permittee shall not disturb existing beach and dune topography and vegetation except as expressly authorized in the permit. Before the project is considered complete, any disturbed topography or vegetation shall be restored as prescribed in the permit with suitable fill material or revegetated with appropriate beach and dune vegetation.

(h) All fill material placed seaward of the control line shall be sand which is similar to that already existing on the site in both coloration and grain size. All such fill material shall be free of construction debris, rocks, clay, or other foreign matter; shall be obtained from a source landward of the coastal construction control line; and shall be free of coarse gravel or cobbles.

(i) If surplus sand fill results from any approved excavation seaward of the control line, such material shall be distributed seaward of the control line on the site, as directed by the Department, unless otherwise specifically authorized by the permit.

(j) Any native salt-tolerant vegetation destroyed during construction shall be replaced with plants of the same species or, by authorization of the Department, with other native salt-tolerant vegetation suitable for beach and dune stabilization. Unless otherwise specifically authorized by the Department, all plants installed in beach and coastal areas – whether to replace vegetation displaced, damaged, or destroyed during construction or otherwise – shall be of species indigenous to Florida beaches and dunes, such as sea oats, sea grape, saw palmetto, panic grass, saltmeadow hay cordgrass, seashore saltgrass, and railroad vine, and grown from stock indigenous to the region in which the project is located.

(k) All topographic restoration and revegetation work is subject to approval by the Department, and the status of restoration shall be reported as part of the final certification of the actual work performed.

(l) If not specifically authorized elsewhere in the permit, no operation, transportation, or storage of equipment or materials is authorized seaward of the dune crest or rigid coastal structure during the marine turtle nesting season. The marine turtle nesting season is May 1 through October 31 in all counties except Brevard, Indian River, St. Lucie, Martin, Palm Beach, and Broward counties where leatherback turtle nesting occurs during the period of March 1 through October 31.

(m) If not specifically authorized elsewhere in the permit, no temporary lighting of the construction area is authorized at any time during the marine turtle nesting season and no additional permanent exterior lighting is authorized.

(n) All windows and glass doors visible from any point on the beach must be tinted to a transmittance value (light transmission from inside to outside) of 45% or less through the use of tinted glass or window film.

(o) The permit has been issued to a specified property owner and is not valid for any other person unless formally transferred. An applicant requesting transfer of the permit shall sign two copies of the permit transfer agreement form, agreeing to comply with all terms and conditions of the permit, and return both copies to the Bureau. The transfer request shall be provided on the form entitled "Permit Transfer Agreement" – DEP Form 73-103 (Revised 1/04), which is hereby adopted and incorporated by reference. No work shall proceed under the permit until the new owner has received a copy of the transfer agreement approved by the Department. A copy of the transfer agreement shall be displayed on the construction site along with the permit. An expired permit shall not be transferred.

(p) The permittee shall immediately inform the Bureau of any change of mailing address of the permittee and any authorized agent until all requirements of the permit are met.

(q) For permits involving major structures or activities, the permittee shall submit to the Bureau periodic progress reports on a monthly basis beginning at the start of construction and continuing until all work has been completed. If a permit involves either new armoring or major reconstruction of existing armoring, the reports shall be certified by an engineer licensed in the State of Florida. The permittee or engineer, as appropriate, shall certify that as of the date of each report all construction has been performed in compliance with the plans and project description approved as a part of the permit and with all conditions of the permit, or shall specify any deviation from the plans, project description, or conditions of the permit. The report shall also state the percent of completion of the project and each major individual component. The reports shall be provided to the Bureau using the form entitled "Periodic Progress Report" – DEP Form 73-111 (Revised 6/04), which is hereby adopted and incorporated by reference. Permits for minor structures or activities do not require submittal of periodic reports unless required by special permit condition.

(r) For permits involving habitable major structures, all construction on the permitted structure shall stop when the foundation pilings have been installed. At that time the foundation location form shall be submitted to and accepted by the Bureau prior to proceeding with further vertical construction above the foundation. The form shall be signed by a professional surveyor, licensed pursuant to Chapter 472, F.S., and shall be based upon such surveys performed in accordance with Chapter 472, F.S., as are necessary to determine the actual configuration and dimensioned relationship of the installed pilings to the control line. The information shall be provided to the Bureau using the form entitled "Foundation Location Certification" – DEP Form 73-114B (Revised 9/05), which is hereby adopted and incorporated by reference. Phasing of foundation certifications is acceptable. The Department shall notify the permittee of approval or rejection of the form within seven (7) working days after staff receipt of the form. All survey information upon which the form is based shall be made available to the Bureau upon request. Permits for repairs or additions to existing structures with nonconforming foundations are exempt from this condition.

(s) For permits involving major structures, the permittee shall provide the Bureau with a report by an engineer or architect licensed in the State of Florida within thirty (30) days following completion of the work. The report shall state that all locations specified by the permit have been verified and that other construction and activities authorized by the permit have been performed in compliance with the plans and project description approved as a part of the permit and all conditions of the permit; or shall describe any deviations from the approved plans, project description, or permit conditions, and any work not performed. Such report shall not relieve the permittee of the provisions of paragraph 62B-33.0155(1)(a), F.A.C. If none of the permitted work is performed, the permittee shall inform the Bureau in writing no later than 30 days following expiration of the permit. The report shall be provided on the form entitled "Final Certification" DEP Form 73-115B (Revised 9/05), which is hereby adopted and incorporated by reference.

(t) Authorization for construction of armoring or other rigid coastal structures is based on an engineering review and assessment of the design and anticipated performance and impact of the structure as a complete unit. Construction of any less than the complete structure as approved by the Department is not authorized and shall result in the assessment of an administrative fine and the issuance of an order to remove the partially constructed structure. Modifications to the project size, location, or structural design shall be authorized by the Department in accordance with Rule 62B-33.013, F.A.C.

2. The permittee shall not commence any excavation, construction, or other physical activity on or encroaching on the sovereignty land of Florida seaward of the mean high water line or, if established, the erosion control line until the permittee has received from the Board of Trustees of the Internal Improvement Trust Fund the required lease, license, easement, or other form of consent authorizing the proposed use.
3. The permittee shall obtain any applicable licenses or permits required by Federal, state, county, or municipal law.
4. This permit does not authorize trespass onto other property.
5. In the event of a conflict between a general permit condition and a special permit condition, the special permit condition shall prevail.
6. Copies of any forms referenced above can be obtained by writing to the Department of Environmental Protection, Bureau of Beaches and Coastal Systems, 3900 Commonwealth Boulevard, Mail Station 300, Tallahassee, Florida 32399-3000, or by telephoning (850)488-7708.

Palm Beach County Annual Dune & Wetlands Restoration Project (Primary Contractor)
Project Number 2013ERM01
Eastman Aggregate Enterprises, LLC

Contract R2013-1825 dated December 17, 2013 for a period of one year expires on December 16, 2014 for \$4,262,891

Amendment No. 1 (R2014-1322) increases Contract amount for 1st year by \$5,351,864.00

Amendment No. 2 (R2014-1936) to extend the Contract 1 year, expiring on December 16, 2015

Amendment No. 2 increases Contract amount for 2nd year by Not To Exceed \$4,450,665.23

Total Contract Not To Exceed: \$14,065,420.23

SBE Goal: 44.05%

Work Order Summary:

WORK ORDER NUMBER	TOTAL/ SBE AMOUNT	ACTUAL* TOTAL/SBE AMOUNT	WORK ORDER DESCRIPTION	DATE / APPROVED BY	COMMENCEMENT DATE
1825-01	841,402.00 817,642.00	841,402.00 817,642.00	Grassy Flats Restoration Project	1/14/2014 BCC	1/20/2014
1825-01A	192,774.00 171,984.00	192,774.00 171,984.00	Grassy Flats Restoration Project / Hypoluxo Scrub Natural Area / 90 day Work Time Extension	3/12/2014 CRC	1/20/2014
Amendment No. 1			Increase Contract by \$5,351,864.00	9/9/2014 BCC	
1825-02	5,351,864.00 2,493,904.00	5,351,864.00 2,493,904.00	Jupiter/Carlin Shore Protection Project 3	9/9/2014 BCC	9/17/2014
1825-01B	376,964.17 293,904.17	376,964.17 293,904.17	Grassy Flats Restoration Project / Okechee Park Sand / 90 day Work Time Extension; BCC Delegation 8/19/2014	8/27/2014 ERM	1/20/2014
1825-02A	57,399.60 46,024.60	57,399.60 46,024.60	Jupiter/Carlin Shore Protection Project 3	11/13/2014 ERM	9/17/2014
1825-03	1,308,591.42 518,098.56	1,303,960.72 579,749.19	Singer Island Dune Restoration Project	12/2/2014 BCC	1/5/2015
Amendment No. 2			Increase Contract by \$4,450,665.23, Extend Contract by 1 Year, and Revise General Conditions and Technical Specs	12/16/2014 BCC	
1825-01C	277,781.20 271,181.20	175,747.58 280,824.99	Grassy Flats Restoration Project / 90 day Work Time Extension; BCC Delegation 12/16/2014	1/9/2015 ERM	1/20/2014
1825-02B	2,002,770.00 1,091,808.00	2,002,770.00 1,091,808.00	Jupiter/Carlin Shore Protection Project 3	2/3/2015 BCC	9/17/2014
1825-02C	195,114.50 108,005.50	228,807.16 373,834.51	Jupiter/Carlin Shore Protection Project 3	4/8/2015 CRC	9/17/2014
1825-04	94,323.05 79,843.85	79,482.16 67,336.34	Bryant Park Living Shoreline	5/15/2015 ERM	5/18/2015
1825-05	375,964.66 132,142.42		Singer Island Dune Restoration Project Zone 4	BCC	
1825-06	293,107.80 108,670.30		South Jupiter Dune Restoration Project	BCC	

Total: \$11,280,243.85

SBE: \$6,457,824.52

SBE Participation: 57.24%

Report Date: 10/28/2015

* Actual amount expended for completed Work Orders and approved for closeout by Contract Review Committee.

2016 -

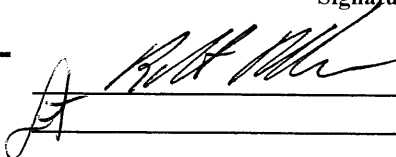
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BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA

BUDGET AMENDMENT
Fund 3652 Beach Improvement Fund

ACCOUNT NAME AND NUMBER		ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED ENCUMBERED BUDGET / Expended 11/2/2015	REMAINING BALANCE
<u>REVENUES</u>							
381-M037 Singer Island Shore Protection	6994-Municipal Participation Prot	332,149	332,149	75,000		407,149	407,149
TOTAL RECEIPTS & BALANCES		17,573,016	18,467,584	75,000	0	18,542,584	
<u>EXPENDITURES</u>							
381-M037 Singer Island Shore Protection	4630-Beach/Dune Restore/Renourish	2,420,321	2,420,321	75,000		2,495,321	2,495,321
TOTAL APPROPRIATIONS & EXPENDITURES		17,573,016	18,467,584	75,000	0	18,542,584	

Attachment 3

Environmental Resources Management	Signatures & Dates	BY BOARD OF COUNTY COMMISSIONERS
INITIATING DEPARTMENT/DIVISION		AT MEETING OF
Administration/Budget Department Approval		December 1, 2015
OFMB Department - Posted		Deputy Clerk to the
		Board of County Commissioners

BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA

BUDGET TRANSFER
FUND 3652 Beach Improvement Fund

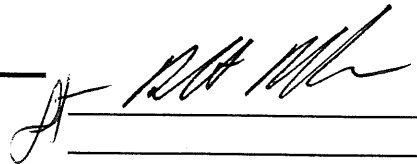
ACCOUNT NAME AND NUMBER		ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	ENC/EXP	REMAINING BALANCE
<u>Appropriations</u>								
381-M100- Shoreline Protection	3401 Other Contractual Services	575	575	150,000		150,575		150,575
381-9900 Reserves	9909-Res Improvement Program	2,571,225	2,571,225		150,000	2,421,225		2,421,225
				150,000	150,000			

Attachment 4

Environmental Resources
Management

INITIATING DEPARTMENT/DIVISION
Administration/Budget Department Approval
OFMB Department - Posted

Signatures & Dates



BY BOARD OF COUNTY COMMISSIONERS

AT MEETING OF

December 1, 2015

Deputy Clerk to the
Board of County Commissioners