

Lee County Board Of County Commissioners
Agenda Item Summary

Blue Sheet No. 20050877

1. ACTION REQUESTED/PURPOSE: Approve Change Order No. 2 to Contract 2675 (B-03-17), Bonita Beach Renourishment Project, with Lake Michigan Contractors, Inc. in the amount of \$103,285.40 for additional beach restoration efforts on Lovers Key State Park. Through grant agreement 99LE1, the Florida Department of Environmental Protection is providing 88% of construction costs with the balance being funded by Lee County. Funds are available.

2. WHAT ACTION ACCOMPLISHES: Authorizes Lake Michigan Contractors to conduct the additional fill placement mitigating the losses to the project occurring during the 2004 hurricane season.

3. MANAGEMENT RECOMMENDATION: Staff recommends approval.

4. Departmental Category: 08 C8C		5. Meeting Date: 06-28-2005
6. Agenda: <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On	7. Requirement/Purpose: (specify)	
	<input type="checkbox"/> Statute	
	<input type="checkbox"/> Ordinance	
	<input checked="" type="checkbox"/> Admin. Code	AC-4-4
	<input type="checkbox"/> Other	
		8. Request Initiated: Commissioner _____ Department Public Works Division Natural Resources By: <u>Roland Ottolini, P.E.</u>

9. Background: On November 18, 2003, the Board of County Commissioners approved awarding of B-03-17, Bonita Beach Renourishment, in the amount of \$1,659,576 to Lake Michigan Contractors, Inc. Change Order No. 1 authorized the restoration of Lovers Key to be conducted under this bid for \$3,364,416. The Board approved this action on June 22, 2004. Change Order No. 2 will bring the total of the Lovers Key restoration to \$3,467,701.40 with a total contract amount of \$5,127,277.40. The project has an eight-year design life with a 40-foot shoreline extension based on data collected in May 2003.

Prior to project completion on Lovers Key, four major hurricanes impacted the shoreline. These storms caused approximately 17,000 cubic yards of material to be lost. The losses occurred seaward of the Park's recreational facilities near the southern half of the project. Realigning the fill template on the north end and authorizing placement of the additional material will allow the losses to be replenished while satisfying the project's design intent.

Funds are available in account nos. 22302430100.503490 (\$91,139.04) and 20302430101.503490 (\$12,146.36).

Attachments: ~~Two~~ ^{Three} original Change Order No. 2

10. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr.	
<i>Stamler</i> 6-14-05		N/A	<i>SAO</i>	<i>Colley</i>					<i>Stamler</i> 6-14-05

11. Commission Action:

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN: <i>1</i>
6-14-05
4:30
COUNTY ADMIN FORWARDED TO: <i>1</i>
<i>6/14/05</i>
<i>9:30 AM</i>

Date: <i>6/14/05</i>
Time: <i>5:30</i>
Forwarded to: Com. Mgr. <i>6/14/05 4:30pm</i>

LEE COUNTY CONSTRUCTION CONTRACT
CHANGE ORDER

NO.: 2

(A Change Order Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners over \$50,000)

CONTRACT/PROJECT NAME: Bonita Beach Renourishment Project / Lovers Key Restoration

CONTRACTOR: Lake Michigan Contractors, Inc PROJECT NO.: 3039/3024 Account #: 20302430101
22302430100

CONTRACT NO.: 2675 BID NO.: B-03-17

CHANGE REQUESTED BY: Robert Neal, P.E. DATE OF REQUEST: October 15, 2005

Description:

Redistribute fill from R216 to the northern project limits and authorize an additional 17,506 cubic yards to mitigate losses occurring during the 2004 hurricane season. The total yardage for the project will be 587,746 cubic yards.

Upon the completion and execution of this Change Order by both parties to the Contract the Contractor is authorized to and shall proceed to make the following changes in the Contract Documents:

1. The Contractor shall be paid for a maximum placed amount of 587,746 cubic yards. The price per cubic yard shall not change and shall remain at \$5.90.
2. The Cross-sections titled "Lovers Key Restoration, Post Jeanne vs. Revised Design" shall govern the work for profiles 216 to the north taper, approximately 1,500 feet.
3. No additional payments shall be authorized under this Change Order No. 2.
4. All work shall be completed in accordance with the contract documents and approved drawings.

END THIS CHANGE ORDER #2

Purpose of Change Order:

During hurricanes Charley, Frances, Ivan, and Jeanne approximately 17,000 cubic yards of material placed during the project were lost. Additional material was also lost from the existing beach on the northern end of the project, which had not been restored.

Due to permit restrictions, adequate volumes of material cannot be dredged to restore the losses from the existing beach and the restored beach. Adjusting the northern fill provides a continuous template accounting for the losses to the existing beach.

The additional fill in the southern project area will mitigate for the storm losses and provide protection to the Parks recreational facilities. The facilities include a pavilion, tram shelter, restroom and picnic area.

Attachments (List documents supporting change)

- Cross-sections titled "Lovers Key Restoration, Post Jeanne vs. Revised Design" for profiles 216, 215.5 and 215.

END THIS SECTION - REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIME:

Original Contract Price
\$1,659,576
Previous Change Orders No. 1 to No. 1
\$3,364,416
Contract Price prior to this Change Order
\$5,023,992
Net Increase (Decrease)
of this Change Order
\$103,285.40
Contract Price with all
approved Change Orders
\$5,127,277.40

Original Contract Time
250 days
Calendar Days
Net change from previous Change Orders
180 Days (for work Authorized in CO No. 1 only)
Calendar Days
Contract Time prior to this Change Order
250 days for Bonita Beach; 180 for Lovers Key
Calendar Days
Net Increase (Decrease)
of this Change Order
None
Calendar Days
Contract Time with all
approved Change Orders
250 days for Bonita Beach; 180 for Lovers Key
Calendar Days

It is understood and agreed that the acceptance of this modification by the CONTRACTOR constitutes an accord and satisfaction, and represents payment in full (both time and money) for all costs arising out of, or incidental to, the above mentioned change.

RECOMMENDED:

BY: _____
Consultant (if applicable) Date

BY: [Signature]
Department Director Date

BY: [Signature]
Contracts Management Date

APPROVED:

County Attorney's Office Date

ACCEPTED:

BY: [Signature]
Contractor
James Bundt
(PRINT NAME)

Date Accepted: 2/7/2005
Corporate Seal

COUNTY APPROVAL:

BY: _____
Department Director
(Under \$25,000)

Date Approved: _____

BY: _____
County Manager
(Under \$50,000)

Date Approved: _____

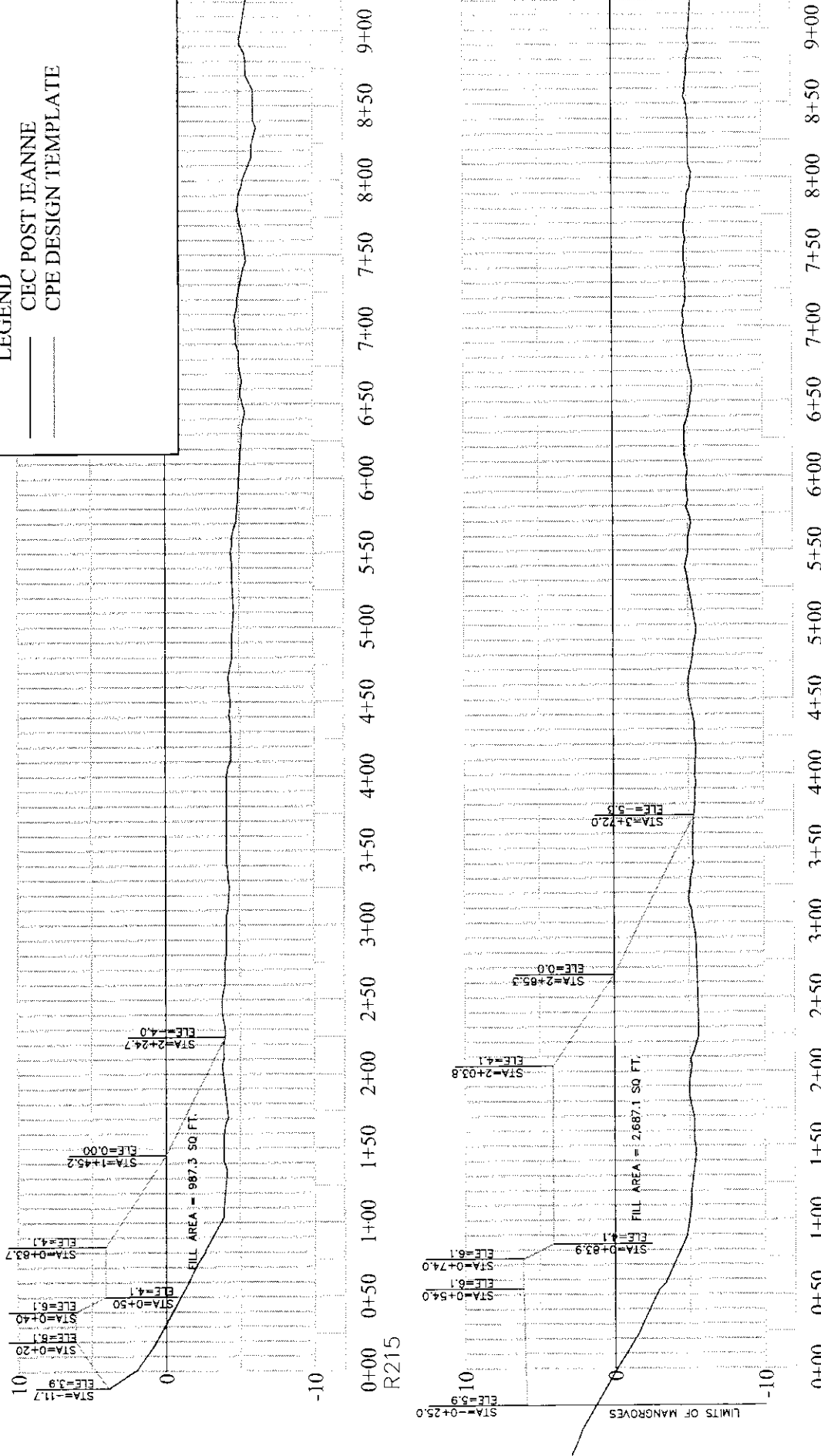
BY: _____
Chairman
Board of County Commissioners
(Over \$50,000)

Date Approved: _____

CMO:011
09/25/01

LEGEND

- CEC POST JEANNE
- CPE DESIGN TEMPLATE



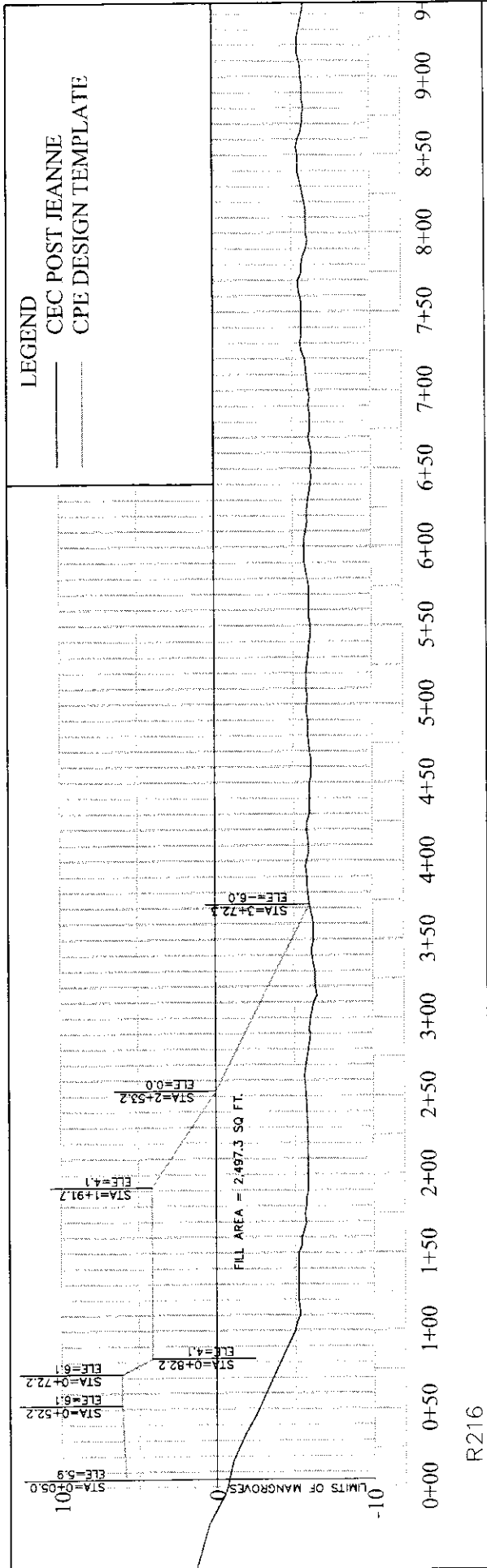
R215.5

FILE:	S:\MARES MARINE BEACHMANAGEMENT
SCALE:	1"=100'H
SHEET:	01 OF 01
DESIGN:	K-PAY VOLUMES.dwg
DRAWN:	


LEE COUNTY
SOUTHWEST FLORIDA

NATURAL RESOURCES DIV
1500 Monroe St. Fort Myers, Florida 33901
Ph. (239) 479-8109/10 Fax. (239) 479-8108

TITLE: LOVERS KEY RESTORATION
POST JEANNE VS. REVISED DESIGN
PROFILES
R 215.5 & C 215



R216

<p>TITLE: LOVERS KEY RESTORATION POST JEANNE VS. REVISED DESIGN PROFILE R 216</p>	<p>NATURAL RESOURCES DIV 1500 Monroe St. Fort Myers, Florida 33901 Ph. (239) 479-8109/10 Fax. (239) 479-8108</p>		<p>FILE: S:\NATRES\MARINE\BEACHMANAGEMENT\LOVERSKEY\CONSTRUCTION\DRAWINGS\LK-EAY_VOLUMES.dwg DESIGN: DRAWN:</p>	<p>SCALE: 1" = 100'H 1" = 10'V</p> <p>SHEET: 02 OF 02</p>
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