

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

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Meeting Date: October 1, 2013	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
	<input type="checkbox"/> Workshop	<input type="checkbox"/> Public Hearing

Department:

Submitted By: Engineering & Public Works
Submitted For: Construction Coordination Division

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I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change order No. 6 in the amount of \$276,465.19 with GLF Construction Corporation for the Ocean Avenue Bridge over the Intracoastal Waterway project (Project) R2011-1446.

SUMMARY: Approval of change order No. 6 in the amount of \$276,465.19 is necessary to compensate for additional work as described in attachment three. This change order is being brought to the Board of County Commissioners for approval per PPM CW-F-050.

District 4 (MRE)

Background and Justification: Change order No. 6 is for numerous items relating to removal and disposal of creosote timbers, unsuitable material, compensation for unforeseen additional work at abutment eight, additional testing of bascule pier footers, plan revisions to street lighting foundations, decorative banding to the control house, supplying power to the bridge, and cast in place seals at abutments one and eight.

Attachments:

- 1. Location Map
- 2. Change Order No. 6
- 3. Change Order Request
- 4. Change Order History
- 5. Schedule 1

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Recommended By: <u>[Signature]</u>	8-21-13 <u>[Signature]</u>
Division Director	Date

Approved By: <u>[Signature]</u>	9/11/13
County Engineer	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2014	2015	2016	2017	2018
Capital Expenditures	\$276,466	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$276,466	-0-	-0-	-0-	-0-
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No:

Fund 3500 Dept 361 Unit 1001-01 Object 6551

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvement Fund
Bridges & Crossings

Change Order #6 \$276,465.19

C. Departmental Fiscal Review:

Aluikovalainen

III. REVIEW COMMENTS

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

[Signature] 9/12/2013
OFMB 9/11 9/12

[Signature] 9/17/13
Contract Dev and Control
9-17-13 Beechey

B. Approved as to Form and Legal Sufficiency:

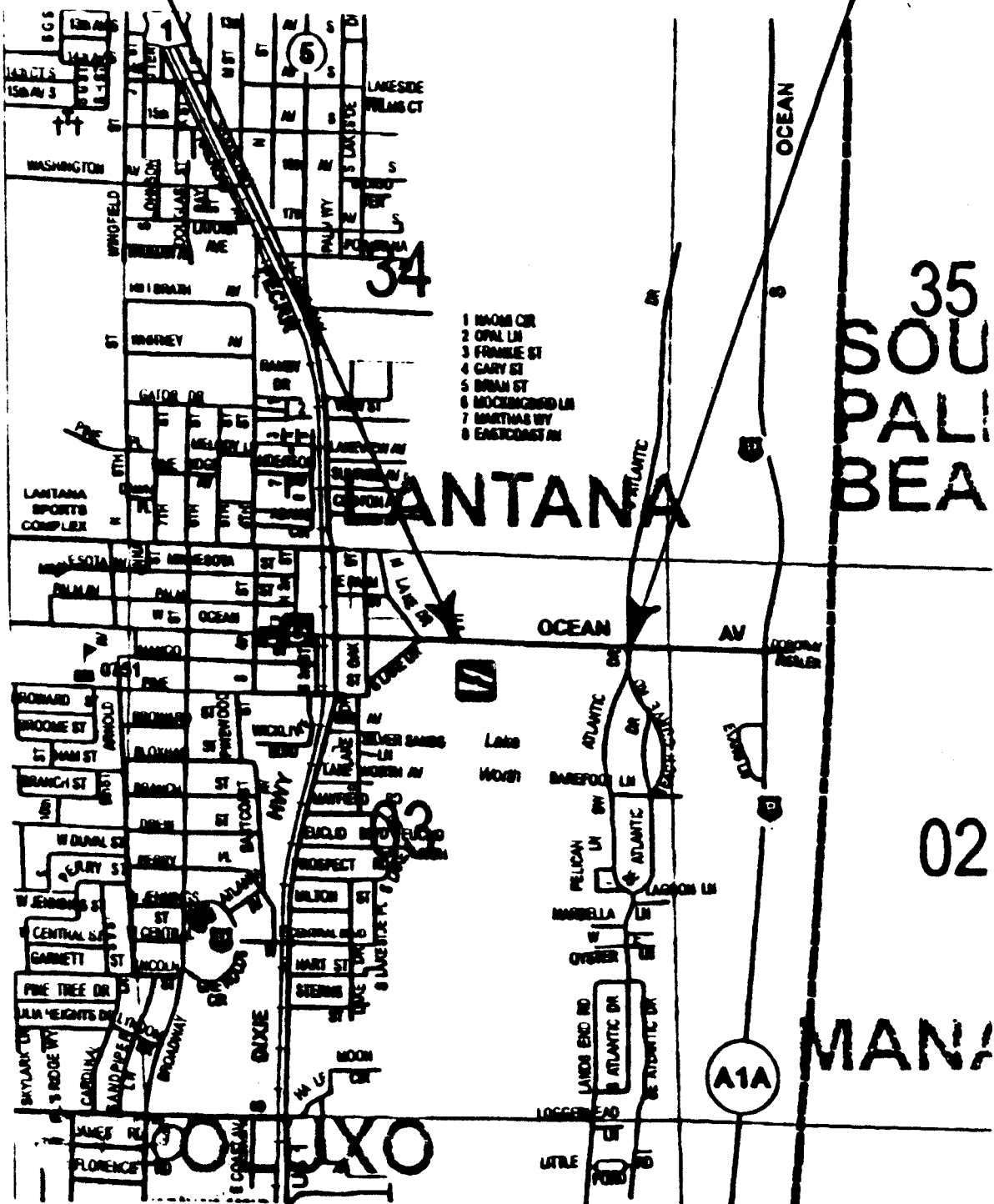
[Signature] 9/19/13
Assistant County Attorney

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

PROJECT LOCATION
OCEAN AVENUE (LANTANA) BRIDGE
OVER INTRACOASTAL WATERWAY
PROJECT NO. 2003502



CHANGE ORDER

ORIGINAL

Attachment 2

- ☒ A Owner Initiated

☒ B Differing Site Conditions

☐ Zoning Code/Ordinance Changes

☒ C Errors Omissions In Design

☐ Quantity Overruns/Underruns

☐ Request By Another Agency/Outside Party

☐ A. Reimbursable ☐ B. Non-Reimbursable

☐ Other

PROJECT: OCEAN AVENUE BRIDGE OVER
(name) INTRACOASTAL WATERWAY
TO: (Contractor) GLF Construction Corporation

CHANGE ORDER NO: 6 (six)
COUNTY PROJECT NO: 2003502
CONTRACT DATE: 09/13/11
RESOLUTION NO: R2011-1446
DISTRICT NO: 4

You are directed to make the following changes in this Contract:

1(B)- Removal & disposal of creosote timbers – Lump Sum	\$ 12,240.33
2(B)- Disposal of unsuitable material (estimate correction) – Lump Sum	4,273.50
3(B)- Installation of seawall at Abutment 8 (extra work) – Lump Sum	52,559.50
4(A)- Repair of core holes at Bascule Pier 4 – Lump Sum	2,753.93
5(C)- Bascule Pier 5 sump pump discharge – Lump Sum	19,314.04
6(C)- Cast-in-place seal at Abutment 1 & 8 – Lump Sum	112,775.00
7(B)- Spread footer for light pole bases (non-pay items) – Lump Sum	3,091.57
8(B)- Extension of FPL service point – Lump Sum	48,689.04
9(A)- Bascule Pier 5 crack repair – Lump Sum	2,040.50
10(C)- Concrete decorative band detail – Lump Sum	18,727.78
TOTAL	\$ 276,465.19

The original Contract sum was \$29,681,238.26
Net change by previous Change Orders. \$ 807,330.45
The Contract Sum prior to this Change Order was \$30,488,568.71
The Contract Sum will be increased by this Change Order \$ 276,465.19
The new Contract Sum including this Change Order will be \$30,765,033.90
The Contract Time will be unchanged by (0) Days
The Date of Completion as of the date of this Change Order therefore is November 24, 2013

EXECUTION OF THIS CHANGE ORDER ACKNOWLEDGES FINAL SETTLEMENT OF, AND RELEASES ALL CLAIMS FOR, COSTS AND TIME ASSOCIATED, DIRECTLY OR INDIRECTLY, WITH THE ABOVE- STATED MODIFICATION(S), INCLUDING ALL CLAIMS FOR CUMULATIVE DELAYS OR DISRUPTIONS RESULTING FROM, CAUSED BY, OR INCIDENT TO, SUCH MODIFICATION(S), AND INCLUDING ANY CLAIM THAT THE ABOVE-STATED MODIFICATION(S) CONSTITUTES, IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

ENGINEER (If Applicable)
Address
BY
DATE
GLF Construction Corporation
CONTRACTOR
80 South West 8th Street
Address
Miami, Florida 33130
BY
DATE

P.B.Co. Board of Co. Commissioner
OWNER
P. O. Box 21229
Address
West Palm Beach, FL 33416-1229
BY
DATE

ATTEST: Sharon R. Bock,
Clerk & Comptroller

Approved as to Form and Legal
Sufficiency:

(Deputy Clerk) Date

(County Attorney)



Palm Beach County
Ocean Avenue Bridge Replacement
Project No. 2003502

Attachment 3
Page 1 of 2

August 13, 2013

Palm Beach County
P.O. Box 21229
West Palm Beach, Florida 33416-1229

Re: Change Order No.06
Resolution #R2011-1446

Palm Beach County:

URS recommends Palm Beach County process the proposed Change Order No. 06 to the Ocean Avenue Bascule Bridge construction project in the amount of **\$ 276,465.19**. This Change Order provides necessary contract adjustments for compensation to the Contractor for additional work. Any pay item credits owed to Palm Beach County will be reflected at the end of the project in the Overrun/Underrun Summary. The scope of the change order is detailed below.

URS has reviewed each of the items listed below and confirmed the amounts shown have been established using the allowable terms and conditions of the construction contract for this project. The pertinent information and backup documentation for this request is provided below and on the spreadsheet provided.

<u>Item No.</u>	<u>Description</u>	<u>Amount</u>
1)	Removal and Disposal of Creosote Timbers Removal of unforeseen creosote timbers and boards at Abutment 1, Bascule Pier 4, and Abutment 8	\$12,240.33
2)	Additional Compensation for Disposal of Unsuitable Material Disposal of unsuitable material; previous estimate number of trucks calculated incorrectly in Change Order 3, incorrect swell factor and omission of excavation quantity. The number of trucks is 39 trucks, Change Order 3 include a quantity of 15 trucks. Requesting compensation for the additional 24 trucks needed to complete this operation.	\$4,273.50
3)	Additional Compensation for installation of Sheet Piles at Abutment 8 Payment for extra work at Abutment 8 due to the presence of unknown coquina; contractor is requesting compensation for additional time required to drive the permanent sheet pile wall and repair of damaged equipment. URS compared crew hour time required at Abutment 1 and 8; compensation was determined and negotiated based off of this comparison. See attached URS document for hours tracked at Abutment 8 and comparison.	\$52,559.50
4)	Repair of Bascule Pier 4 Foot Cores Payment for the repair of eight (8) 4" core holes; during the crack inspection of the footer, URS noticed the presence of bad concrete at the southwest corner of the pier. Further exploration was necessary to determine the extent/prevalence of bad concrete. The bad concrete was isolated to the southwest corner. The contractor is requesting payment for the repair of the concrete cores performed by URS's sub-consultant.	\$2,753.93
5)	Bascule Pier Sump Pump Discharge Payment for the installation of Bascule Pier 5 Sump Pump Discharge line. The contractor submitted and RFI requesting additional information regarding the outfall location of Bascule Pier 5 sump pump. The RFI triggered a plan revision in which the contractor was informed to connect the sump pump in Bascule Pier 5 to the drainage system on the east side of the bridge.	\$19,314.04



- 6) **Cast-in-Place Seal Substitution Abutment 1 and 8** _____ **\$112,775.00**
Payment for the installation of a Cast-in-Place Seal at Abutment 1 (NOI 5) and Abutment 8.
- 7) **Spread Footer (Non-Pay Items)** _____ **\$3,091.57**
Payment for the installation of a spread footer light pole base.
- 8) **FPL Service Point Extension** _____ **\$48,689.04**
The point of service connection shown in the plans was improperly confirmed (Sta 16+32.57) by FPL (Florida Power Light) the new service point is located at Station 13+20 (the newly installed transformer).
- 9) **Bascule Pier 5 Crack Repair** _____ **\$2,040.50**
Repair of cracks at Bascule Pier 5 – cracks were located on the outside walls of the bascule pier below the water line. Per the Specifications cracks below the water line are deemed Structural Cracks and are to be repaired per the Contractor's EOR structural evaluation, approved by the Engineer. These cracks were measure, cataloged and filled with epoxy injection per specification 411.
- The Engineer evaluated the contractors claim for payment and concurs that the development of these cracks were not the result of contractor error or neglect (FDOT Specification 400-21.5).
- 10) **Concrete Control House Decorative Band** _____ **\$18,727.78**
Construction of concrete decorative band as shown in RFI #92 Control House Cross Section (NOI #5).

Please review this information and contact this office with any questions you may have on these issues.

Respectfully,
URS Corporation Southern

Dave Holden
Senior Project Engineer
cc: Kristine Frazzell-Smith, File

PALM BEACH COUNTY PROJECT Ocean Avenue Bridge over Intracoastal Waterway; Project No. 2003502

C.O. #	DATE APPROVED	COUNTY ENGINEER		C.R. COMMITTEE		TOTAL DEPT. & C.R. APPROVALS		BOARD OF CO. COMM.	
		AMOUNT	TIME	AMOUNT	TIME	AMOUNT	TIME	AMOUNT	TIME
1	9/13/2011							154,000.00	0
2	6/13/2012			51,498.19	0				
3	2/13/2013			93,189.45	7				
4	2/28/2013							458,642.81	0
5	3/21/2013	50,000.00	0						
	TOTAL	50,000.00	0	144,687.64	7	194,687.64	7		
	CUMULATIVE TOTAL	50,000.00	0	144,687.64	7	194,687.64	7		
	As of PPM CW-F-050 Dated June 1, 2011	SINGLE AMT. \$50,000.00 MAX. AMT. \$250,000.00 or 5% of contract	MAX. TIME 30 DAYS	SINGLE AMT. \$100,000.00 MAX. AMT. \$250,000.00 or 5% of contract	MAX. TIME 90 DAYS	MAXIMUM CUMULATIVE CO. ENG. & C.R. COMM. \$250,000.00 or 5% of contract	MAX. CUM. CO.ENG.&C.R 120 DAYS		



SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE SUBCONTRACTORS
CHANGE ORDER WORK

PROJECT NAME Ocean Ave (Lantana) Bridge Over Intracoastal Waterway PROJECT NO. 2003502

NAME OF GENERAL CONTRACTOR GLF Construction Corporation CONTACT PERSON Andres N. Sosa

PHONE NO: (561) 588-5361 CCP #: _____

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES OF SUBCONTRACTORS

Name, Address and Phone Number	(Check one or both Categories)		Subcontract Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. ENGECON CONSTRUCTION, INC. 2290 10th Avenue, Suite 408 Lake Worth, FL 33461	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$ 0.00	\$ 9,440.42	\$ 0.00	\$ 0.00	\$ 0.00
2. _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
3. _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
4. _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
5. _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
(Please use additional sheets if necessary)	Total		\$ 0.00	\$ 9,440.42	\$ 0.00	\$ 0.00	\$ 0.00

Change Order Price \$ 276,465.19 Total Value of SBE Participation \$ 9,440.42 M/WBE Participation \$ _____