

Revised

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be viewed in the Minutes Department

Agenda Item #: 3-C-8

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: May 17, 2011	<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: Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

- A) A Contract with Ranger Construction Industries, Inc. (Ranger), the lowest responsive, responsible bidder in the amount of \$1,456,526.20 for the construction of Blue Heron Boulevard And Congress Avenue – Phase II (Project); and
- B) A Budget Amendment of \$54,046 in the Road Impact Fee Fund – Zone 1 to recognize reimbursement funding from the City of Riviera Beach and appropriate it to Blue Heron Boulevard And Congress Avenue – Phase II.

SUMMARY: Approval of this Contract and Budget Amendment will allow Palm Beach County (County) to issue a Notice to Proceed to Ranger, a Palm Beach County company, to begin construction of the Project. The Palm Beach County Small Business Enterprise (SBE) goal for all projects is 15%, but the responsive bidders cannot be ranked for SBE compliance for this Project due to Federal funding restrictions. The Federally required non-mandatory Disadvantaged Business Enterprise (DBE) goal for the Project is 8.18%. The SBE and DBE participation proposed for the Project by Ranger is 0.31% and 0% respectively.

District 7 (MRE)

Background and Justification: Bids for the Project were received by the Engineering Department on January 31, 2011. Ranger was the lowest responsive, responsible bidder. This is a Federally funded project, and the responsive bidders cannot be ranked for SBE compliance due to Federal funding restrictions. DBE participation cannot be utilized in determining the lowest responsive responsible bidder, per the Federal guidelines. Time to complete all work under this contract shall be no more than 150 calendar days.

Attachments:

1. Location Sketch
 2. Contracts
 3. Contract Pages C-1A and C-2
 4. Bid Tabulation
 5. Budget Amendment
-

Recommended by: _____

Approved By: _____

Division Director
S. J. Wall
County Engineer

Date
5/16/11
Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2011	2012	2013	2014	2015
Capital Expenditures	<u>\$1,569,322</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u><\$1,456,527></u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
NET FISCAL IMPACT	<u>\$112,795</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No:

Fund 3501 Dept 361 Unit 1139 RevSrc/Object 3404-6994/6551-6555-8101

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Fund - Zone 1
Blue Heron Blvd & Congress Ave Intersection
Florida Department of Transportation - LAP Agreement
City of Riviera Beach Utility Relocation Reimbursement

Construction Contract	\$1,456,526.20
Contingency	\$ 43,695.80
Testing Lab	\$ 5,000.00
Staff Costs - Engineering Services	\$ 14,500.00
Roadway Production	\$ 29,100.00
Traffic	\$ 6,000.00
Construction Coordination	\$ 14,500.00
Total Cost	\$1,569,322.00

Reimbursement Funding:

Florida Department of Transportation	<\$1,402,481.00>
City of Riviera Beach	<\$ 54,046.00>
Fiscal Impact	\$ 112,795.00

Note: The grant from FDOT will also cover 12% of the construction cost for required outside CEI \$168,298. This contract will be presented to the BCC at a later date.

C. Departmental Fiscal Review: Adm White

III. REVIEW COMMENTS

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

OFMB

For Comments:

J. J. Jacobs 5/3/11

Contract Dev. and Control

Ex. 4/28/11

B. Approved as to Form and Legal Sufficiency:

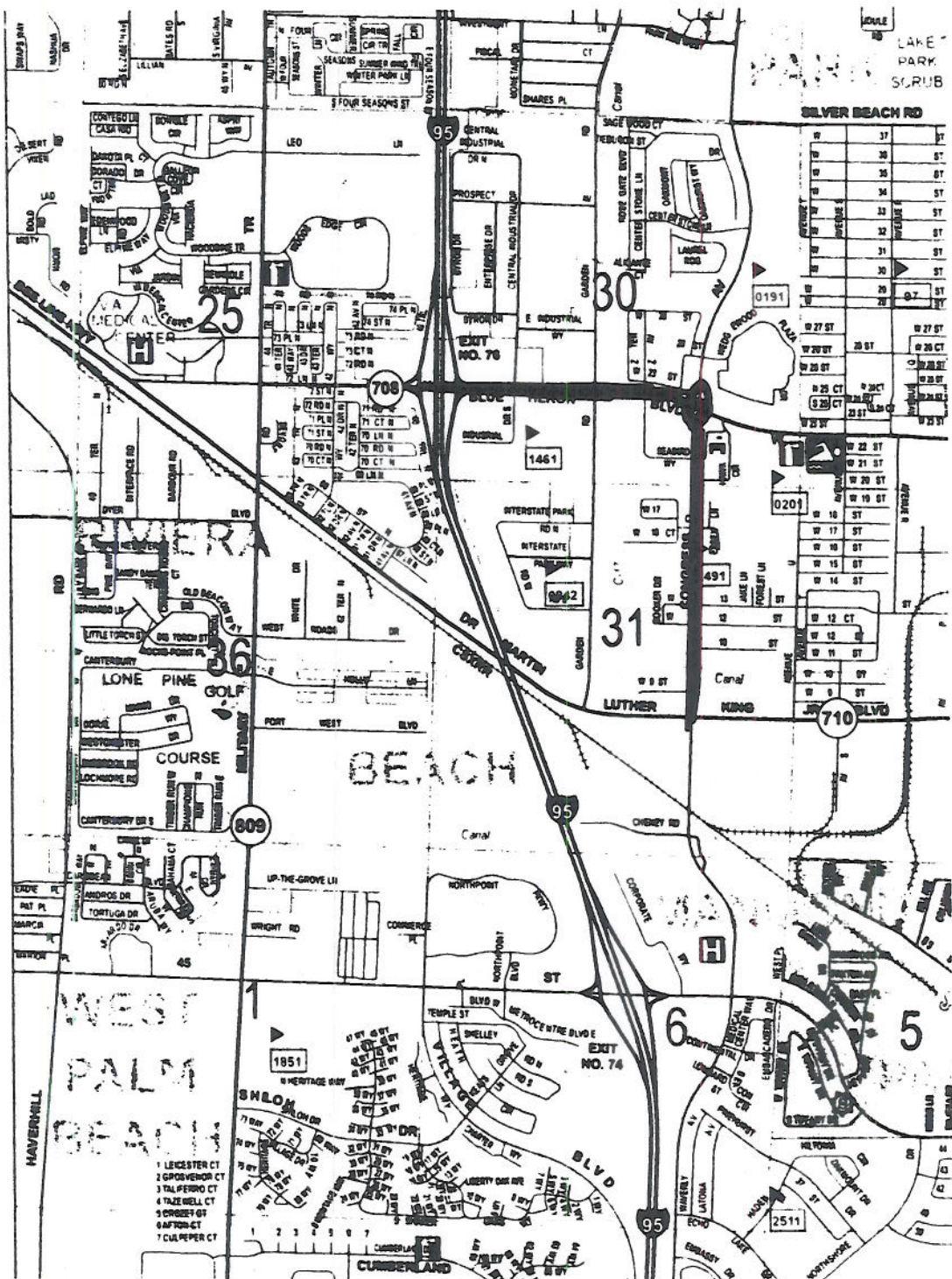
Marlon R. [Signature] 5/11/11
Assistant County Attorney

This Contract complies with our contract review requirements.

C. Other Department Review:

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

**PROJECT LOCATION
BLUE HERON BLVD. & CONGRESS
AVENUE – PHASE II
PALM BEACH COUNTY PROJECT NO. 2005102A**



LOCATION SKETCH

C O N T R A C T

STATE OF FLORIDA)
) SS
 COUNTY OF PALM BEACH)

This Contract, made this _____ day of _____, A.D. 2011, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the party of the first part), and _____, Florida, and their heirs, executors, administrators and assigns, (hereinafter called the party of the second part):

WITNESSETH: The party of the second part agrees with the said party of the first part, for the consideration herein mentioned at their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, and means of transportation for the complete construction of:

BLUE HERON BOULEVARD AND CONGRESS AVENUE - PHASE II, PROJECT NO. 2005102A

FEDERALLY FUNDED FM NO. 417062-2-58-01

IN THE AMOUNT OF:

ONE MILLION FOUR HUNDRED FIFTY SIX THOUSAND FIVE HUNDRED TWENTY SIX DOLLARS 20/100

(IN WORDS)

\$1,456,526.20

(IN FIGURES)

in Palm Beach County, Florida, in the manner and to the full extent as set forth in the Contract Documents therefore and the Contract Documents relative thereto, are made a part of this Agreement as completely as if set forth herein, to the satisfaction of the party of the first part, or its duly authorized representative.

The said party of the second part further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within fourteen (14) calendar days of the date set forth in the "Notice to Proceed". The time limit for the completion of all work under this contract shall be one hundred fifty (150) calendar days (see Special Provisions). The date fixing this period upon the calendar shall be established and stated in the "Notice to Proceed". After commencement of the work, it shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully completed within the time limit. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages (in accordance with Section 8-10.2 of the Standard Specifications) and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. HOCK,
Clerk & Comptroller

PALM BEACH COUNTY, FLORIDA, a
Political Subdivision of the
State of Florida

BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Karen T. Marcus, Chair

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

[Signature]
APPROVED AS TO TERMS
AND CONDITIONS

[Signature]
(witness signature)

David C. Taylor
(witness name printed)

[Signature]
(witness signature)

ANDREW D. HODGES
(witness name printed)

Ranger Construction Industries, Inc.
(Corporate Name)

a FLORIDA corporation
(insert state of incorporation)

By *[Signature]*
(signature)

Miguel G. Correa
Vice President
(print signatory's name)

Its _____
(print title)

3/3/11
(date of execution)

(Corporate Seal)

Attachment 4

BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A

				RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORP.		PALM BEACH GRADING, INC.		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE
	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
	REGULAR ROADWAY ITEMS										
1	MOBILIZATION	1	LS	\$162,000.00	\$162,000.00	\$100,578.00	\$100,578.00	\$58,250.00	\$58,250.00	\$115,525.60	\$235,000.00
2	MAINTENANCE OF TRAFFIC (INCLUDES PEDESTRIAN MOT)	1	LS	\$40,000.00	\$40,000.00	\$140,496.00	\$140,496.00	\$80,630.00	\$80,630.00	\$86,576.51	\$235,000.00
3	TRAFFIC OFFICER (NON MOT)	50	MH	\$64.20	\$3,210.00	\$50.60	\$2,530.00	\$55.00	\$2,750.00	\$52.60	\$46.00
4	WORK ZONE SIGN	5,400	ED	\$0.20	\$1,080.00	\$0.31	\$1,674.00	\$0.25	\$1,350.00	\$0.43	\$0.50
5	BUSINESS SIGN	14	EA	\$30.50	\$427.00	\$103.00	\$1,442.00	\$35.00	\$490.00	\$201.70	\$72.00
6	BARRICADE, TEMPORARY, TYPE I, II, DI, VP, DRUM	32,000	ED	\$0.20	\$6,400.00	\$0.12	\$3,840.00	\$0.20	\$6,400.00	\$0.26	\$0.50
7	ADVANCE WARNING ARROW PANEL	4,320	ED	\$5.30	\$22,896.00	\$0.01	\$43.20	\$5.25	\$22,680.00	\$8.00	\$6.50
8	HIGH INTENSITY FLASHING LIGHTS, TEMPORARY, TYPE B	37,400	ED	\$0.30	\$11,220.00	\$0.01	\$374.00	\$0.26	\$9,724.00	\$0.15	\$0.50
9	REFLECTIVE PAVEMENT MARKER, TEMPORARY	690	ED	\$3.70	\$2,553.00	\$3.60	\$2,484.00	\$3.15	\$2,173.50	\$3.77	\$3.50
10	CHANGEABLE VARIABLE MESSAGE SIGN, TEMPORARY	1,080	ED	\$15.80	\$17,064.00	\$0.01	\$10.80	\$16.00	\$17,280.00	\$14.51	\$15.00
11	REMOVABLE TAPE PAVEMENT MARKING - WHITE/BLACK, SKIP	10,000	LF	\$2.10	\$21,000.00	\$0.19	\$1,900.00	\$2.30	\$23,000.00	\$1.84	\$3.00
12	REMOVABLE TAPE PAVEMENT MARKING - WHITE/BLACK, SOLID	12,800	LF	\$2.10	\$26,880.00	\$0.19	\$2,432.00	\$2.20	\$28,160.00	\$1.80	\$3.00
13	REMOVABLE TAPE PAVEMENT MARKING - YELLOW, SKIP	500	LF	\$2.10	\$1,050.00	\$0.19	\$95.00	\$2.30	\$1,150.00	\$2.38	\$5.00
14	REMOVABLE TAPE PAVEMENT MARKING - YELLOW, SOLID	12,700	LF	\$2.10	\$26,670.00	\$0.19	\$2,413.00	\$2.20	\$27,940.00	\$1.80	\$2.00
15	CLEARING & GRUBBING	1	LS	\$66,100.00	\$66,100.00	\$86,078.00	\$86,078.00	\$38,500.00	\$38,500.00	\$89,638.60	\$235,000.00
16	REGULAR EXCAVATION	3,231	CY	\$6.00	\$19,386.00	\$9.15	\$29,563.65	\$2.00	\$6,462.00	\$6.59	\$5.00
17	EMBANKMENT (COMPACTED IN PLACE)	378	CY	\$5.10	\$1,927.80	\$15.30	\$5,783.40	\$2.00	\$756.00	\$12.88	\$12.00
18	TYPE B STABILIZATION (LBR 40) (12")	4,763	SY	\$7.70	\$36,675.10	\$3.95	\$18,813.85	\$2.75	\$13,098.25	\$6.66	\$33.00
19	OPTIONAL BASE GROUP 12	3,756	SY	\$12.20	\$45,823.20	\$14.20	\$53,335.20	\$18.00	\$67,608.00	\$14.64	\$15.00
20	ASPHALTIC CONC FRICTION COURSE (FC-9.5) (RUBBER) (TRAFFIC C)	1,370	TN	\$119.00	\$163,030.00	\$127.00	\$173,990.00	\$131.00	\$179,470.00	\$119.20	\$95.00
21	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	600	TN	\$97.90	\$58,740.00	\$112.00	\$67,200.00	\$116.00	\$69,600.00	\$105.30	\$95.00
22	MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	19,613	SY	\$1.50	\$29,419.50	\$1.75	\$34,322.75	\$3.00	\$58,839.00	\$1.88	\$3.00
23	CLASS I CONCRETE (RETAINING WALL)	174	CY	\$320.00	\$55,680.00	\$309.50	\$53,853.00	\$475.00	\$82,650.00	\$381.50	\$700.00
24	INLETS (CURB) (TYPE P-1) (<10')	1	EA	\$3,800.00	\$3,800.00	\$3,799.00	\$3,799.00	\$3,200.00	\$3,200.00	\$4,182.40	\$4,500.00
25	INLETS (CURB) (TYPE P-1) (>10')	1	EA	\$4,190.00	\$4,190.00	\$4,188.50	\$4,188.50	\$4,900.00	\$4,900.00	\$5,052.10	\$3,700.00
26	INLETS (CURB) (TYPE P-5) (<10')	3	EA	\$3,080.00	\$9,240.00	\$3,078.00	\$9,234.00	\$3,100.00	\$9,300.00	\$3,061.80	\$3,700.00
27	INLETS (CURB) (TYPE P-5) (PARTIAL)	1	EA	\$1,910.00	\$1,910.00	\$1,904.50	\$1,904.50	\$2,500.00	\$2,500.00	\$2,301.90	\$3,000.00
28	INLETS (CURB) (TYPE P-6) (<10')	5	EA	\$3,150.00	\$15,750.00	\$3,146.50	\$15,732.50	\$3,400.00	\$17,000.00	\$3,248.10	\$4,000.00
29	INLETS (CURB) (TYPE J-5) (<10')	1	EA	\$4,540.00	\$4,540.00	\$4,535.50	\$4,535.50	\$4,400.00	\$4,400.00	\$5,005.70	\$4,500.00
30	INLETS (CURB) (TYPE J-6) (<10')	1	EA	\$7,500.00	\$7,500.00	\$7,498.00	\$7,498.00	\$4,800.00	\$4,800.00	\$6,246.40	\$5,200.00
31	INLETS (CURB) (TYPE J-6) (>10')	1	EA	\$3,480.00	\$3,480.00	\$3,483.00	\$3,483.00	\$5,500.00	\$5,500.00	\$5,471.20	\$5,500.00
32	MANHOLE (TYPE P-7)	3	EA	\$2,010.00	\$6,030.00	\$2,004.50	\$6,013.50	\$2,850.00	\$8,550.00	\$2,380.50	\$2,900.00

BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A

				RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORP.		PALM BEACH GRADING, INC.		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE
	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
33	MANHOLE (TYPE P-7) (PARTIAL)	4	EA	\$1,580.00	\$6,320.00	\$1,578.50	\$6,314.00	\$2,500.00	\$10,000.00	\$1,921.10	\$1,800.00
34	ADJUST MANHOLE	11	EA	\$395.00	\$4,345.00	\$394.50	\$4,339.50	\$450.00	\$4,950.00	\$432.30	\$500.00
35	PIPE CULVERT OPTIONAL MATERIAL, ROUND,0-24" SD (15")	6	LF	\$122.00	\$732.00	\$122.50	\$735.00	\$32.00	\$192.00	\$97.90	\$50.00
36	PIPE CULVERT OPTIONAL MATERIAL, ROUND,0-24" SD (18")	300	LF	\$43.30	\$12,990.00	\$43.30	\$12,990.00	\$38.00	\$11,400.00	\$54.72	\$60.00
37	PIPE CULVERT OPTIONAL MATERIAL, ROUND,0-24" SD (24")	11	LF	\$124.00	\$1,364.00	\$124.50	\$1,369.50	\$42.00	\$462.00	\$104.90	\$70.00
38	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 0-24" S/CD (14"x23")	65	LF	\$51.00	\$3,315.00	\$51.00	\$3,315.00	\$45.00	\$2,925.00	\$58.90	\$90.00
39	FRENCH DRAINS (18" DIA.) (INCL. BALLAST ROCK & FILTER)	285	LF	\$60.10	\$17,128.50	\$60.10	\$17,128.50	\$85.00	\$24,225.00	\$86.04	\$160.00
40	PIPE HANDRAIL - GUIDERAIL, STEEL	462	LF	\$34.50	\$15,939.00	\$34.70	\$16,031.40	\$37.50	\$17,325.00	\$41.38	\$42.00
41	CONCRETE CURB & GUTTER (TYPE F)	4,556	LF	\$10.80	\$49,204.80	\$11.10	\$50,571.60	\$12.00	\$54,672.00	\$10.73	\$20.00
42	TRAFFIC SEPARATOR CONCRETE, TYPE IV, 4' WIDE	1,170	LF	\$25.20	\$29,484.00	\$19.90	\$23,283.00	\$18.00	\$21,060.00	\$23.38	\$45.00
43	CONCRETE SIDEWALK 4"	2,432	SY	\$31.20	\$75,878.40	\$31.40	\$76,364.80	\$26.00	\$63,232.00	\$26.76	\$28.00
44	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	61	SY	\$61.80	\$3,769.80	\$57.10	\$3,483.10	\$28.00	\$1,708.00	\$44.29	\$45.00
45	PERFORMANCE TURF, SOD	1,320	SY	\$6.80	\$8,976.00	\$4.40	\$5,808.00	\$3.45	\$4,554.00	\$5.53	\$2.00
46	STORM SEWER PUMPING(EXISTING)(24" OR LESS)	700	LF	\$3.50	\$2,450.00	\$3.10	\$2,170.00	\$5.00	\$3,500.00	\$3.55	\$5.00
47	STORM SEWER PUMPING(EXISTING)(>24" TO 48")	1,790	LF	\$5.50	\$9,845.00	\$5.15	\$9,218.50	\$8.00	\$14,320.00	\$5.32	\$4.00
TOTAL REGULAR ROADWAY ITEMS					\$1,117,413.10		\$1,072,762.25		\$1,093,635.75		
SIGNALIZATION ITEMS											
48	2-2" PVC CONDUITS (SAME TRENCH)	5,270	LF	\$11.40	\$60,078.00	\$3.25	\$17,127.50	\$2.85	\$15,019.50	\$4.88	\$5.50
49	CONDUIT-SIGNALS (F&I)(ABOVEGROUND)	75	LF	\$8.70	\$652.50	\$6.60	\$495.00	\$20.00	\$1,500.00	\$12.04	\$15.60
50	CONDUIT-SIGNALS (F&I)(UNDERGROUND)	1,108	LF	\$2.60	\$2,880.80	\$1.60	\$1,772.80	\$3.00	\$3,324.00	\$3.18	\$2.94
51	CONDUIT-SIGNALS (F&I)(UNDERPAVEMENT SAWCUT)	2,046	LF	\$5.00	\$10,230.00	\$14.70	\$30,076.20	\$12.35	\$25,268.10	\$14.08	\$7.66
52	SIGNALS-CABLE WITHIN INTERSECTION (F&I)	1	PI	\$8,690.00	\$8,690.00	\$3,817.50	\$3,817.50	\$9,800.00	\$9,800.00	\$6,176.70	\$5,000.00
53	SIGNALS-FIBER OPTIC CABLE (F&I) (UNDERGROUND) (13 TO 48)	1,751	LF	\$6.40	\$11,206.40	\$1.05	\$1,838.55	\$6.00	\$10,506.00	\$166.04	\$4.00
54	PULL & JUNCTION BOXES (F&I)(PULL BOX)	21	EA	\$292.00	\$6,132.00	\$210.50	\$4,420.50	\$335.00	\$7,035.00	\$438.10	\$300.00
55	PULL & JUNCTION BOXES (F&I)(FIBER OPTICS)(LARGE) (48"x30"x24")	3	EA	\$968.00	\$2,904.00	\$887.50	\$2,662.50	\$1,160.00	\$3,480.00	\$1,129.10	\$1,422.70
56	PULL & JUNCTION BOXES (F&I)(FIBER OPTICS)(SMALL) (17"x30"x24")	4	EA	\$397.00	\$1,588.00	\$474.50	\$1,898.00	\$470.00	\$1,880.00	\$573.70	\$800.66
57	MAST ARM ASSEMBLY(F&I)(150)(SINGLE ARM WITH LUM)(46)	1	EA	\$19,500.00	\$19,500.00	\$20,118.00	\$20,118.00	\$19,250.00	\$19,250.00	\$21,472.20	\$19,000.00
58	MAST ARM ASSEMBLY(F&I)(150)(SINGLE ARM WITH LUM)(60)	1	EA	\$23,400.00	\$23,400.00	\$24,348.00	\$24,348.00	\$23,360.00	\$23,360.00	\$25,838.00	\$26,000.00
59	MAST ARM ASSEMBLY(F&I)(150)(SINGLE ARM WITHO LUM)(70.5)	3	EA	\$8,960.00	\$26,880.00	\$28,165.50	\$84,496.50	\$27,745.00	\$83,235.00	\$26,408.70	\$30,000.00
60	MAST ARM ASSEMBLY (F&I) (CUSTOM)	1	EA	\$26,400.00	\$26,400.00	\$27,649.50	\$27,649.50	\$27,000.00	\$27,000.00	\$29,390.90	\$29,100.00
61	SIGNAL TRAFFIC (F&I)(3-SECT, 1 WAY)(STD)	18	AS	\$611.00	\$10,998.00	\$644.00	\$11,592.00	\$600.00	\$10,800.00	\$715.20	\$860.00
62	SIGNAL TRAFFIC (F&I)(5-SECT, 1 WAY)(STD)	4	AS	\$1,050.00	\$4,200.00	\$1,073.00	\$4,292.00	\$865.00	\$3,460.00	\$1,093.60	\$1,150.00
63	PEDESTRIAN SIGNAL (F&I)(LED COUNTDOWN, 1-WAY)	6	AS	\$534.00	\$3,204.00	\$495.00	\$2,970.00	\$530.00	\$3,180.00	\$603.60	\$660.00

BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A

				RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORP.		PALM BEACH GRADING, INC.		AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE
	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
64	PEDESTRIAN SIGNAL (F&I)(LED COUNTDOWN, 2-WAY)	1	AS	\$934.00	\$934.00	\$980.00	\$980.00	\$1,120.00	\$1,120.00	\$1,185.00	\$1,100.00
65	SIGNAL HEAD AUXILIARIES (F&I)(BACK PLATES, 3 SECTION)	18	EA	\$93.00	\$1,674.00	\$92.90	\$1,672.20	\$100.00	\$1,800.00	\$123.78	\$66.00
66	SIGNAL HEAD AUXILIARIES (F&I)(ALUMINUM PEDESTAL)	4	EA	\$697.00	\$2,788.00	\$351.00	\$1,404.00	\$750.00	\$3,000.00	\$687.60	\$70.00
67	SIGNAL HEAD AUXILIARIES (F&I)(BACK PLATES, 5-SECT CLUSTER)	4	EA	\$128.00	\$512.00	\$124.00	\$496.00	\$165.00	\$660.00	\$174.00	\$140.00
68	VEHICLE DETECTOR ASSEMBLIES (F&I)(OPTICAL)	6	EA	\$259.00	\$1,554.00	\$5,777.50	\$34,665.00	\$5,765.00	\$34,590.00	\$4,738.70	\$4,277.57
69	PEDESTRIAN DETECTOR (F&I)(POLE MOUNTED)	8	EA	\$108.00	\$864.00	\$87.70	\$701.60	\$170.00	\$1,360.00	\$130.14	\$146.00
70	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)(NEMA)	1	AS	\$542.00	\$542.00	\$258.00	\$258.00	\$445.00	\$445.00	\$622.60	\$300.00
71	CONDUIT & CABLING, REMOVE	1	PI	\$274.00	\$274.00	\$392.00	\$392.00	\$163.00	\$163.00	\$303.40	\$221.30
72	SIGNAL EQUIPMENT, MISCELLANEOUS REMOVE	1	PI	\$274.00	\$274.00	\$516.00	\$516.00	\$325.00	\$325.00	\$408.60	\$268.20
73	INTERNALLY ILLUMINATED SIGN (F&I)	4	EA	\$2,240.00	\$8,960.00	\$2,342.00	\$9,368.00	\$2,285.00	\$9,140.00	\$2,377.80	\$2,266.00
74	SIGN PANEL (F&I)	8	EA	\$173.00	\$1,384.00	\$412.50	\$3,300.00	\$355.00	\$2,840.00	\$318.10	\$190.00
75	SIGN PANEL (REMOVE)	6	EA	\$10.20	\$61.20	\$31.00	\$186.00	\$21.00	\$126.00	\$21.74	\$95.00
76	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	12	EA	\$15.60	\$187.20	\$16.50	\$198.00	\$52.00	\$624.00	\$31.32	\$14.00
77	SIGNAL PEDESTRIAN ASSEMBLY, REMOVE	8	EA	\$15.60	\$124.80	\$16.50	\$132.00	\$30.50	\$244.00	\$41.82	\$35.00
78	POLE REMOVAL-SHALLOW (DIRECT BURIAL)	4	EA	\$524.00	\$2,096.00	\$449.00	\$1,796.00	\$1,100.00	\$4,400.00	\$778.20	\$600.00
79	DETECTOR VEHICLE ASSEMBLY, REMOVE	16	EA	\$9.40	\$150.40	\$5.15	\$82.40	\$80.00	\$1,280.00	\$37.61	\$22.00
80	DETECTOR PEDESTRIAN ASSEMBLY, REMOVE	8	EA	\$10.20	\$81.60	\$5.15	\$41.20	\$31.00	\$248.00	\$18.57	\$20.00
81	SPAN WIRE ASSEMBLY, REMOVE	4	EA	\$108.00	\$432.00	\$103.00	\$412.00	\$205.00	\$820.00	\$213.60	\$200.00
TOTAL SIGNALIZATION ITEMS					\$241,836.90		\$296,174.95		\$311,282.60		
SIGNING & PAVEMENT MARKING ITEMS											
82	DELINEATOR, FLEXIBLE TUBULAR	20	EA	\$68.40	\$1,368.00	\$46.40	\$928.00	\$50.00	\$1,000.00	\$62.86	\$40.00
83	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	11,755	LF	\$0.70	\$8,228.50	\$0.69	\$8,110.95	\$0.80	\$9,404.00	\$0.78	\$1.25
84	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	1,125	LF	\$1.00	\$1,125.00	\$0.98	\$1,102.50	\$0.90	\$1,012.50	\$1.12	\$1.50
85	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	1,590	LF	\$1.50	\$2,385.00	\$1.45	\$2,305.50	\$1.60	\$2,544.00	\$1.87	\$2.00
86	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	15	LF	\$2.20	\$33.00	\$2.15	\$32.25	\$2.10	\$31.50	\$2.75	\$3.00
87	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	590	LF	\$3.00	\$1,770.00	\$2.90	\$1,711.00	\$3.15	\$1,858.50	\$3.80	\$4.00
88	THERMOPLASTIC, STANDARD, WHITE, SKIP (2' - 4')	940	LF	\$0.70	\$658.00	\$0.69	\$648.60	\$0.80	\$752.00	\$0.89	\$2.00
89	THERMOPLASTIC, STANDARD, WHITE, SKIP (6' - 10')	138	LF	\$0.70	\$96.60	\$0.69	\$95.22	\$0.80	\$110.40	\$0.89	\$3.00
90	THERMOPLASTIC, STANDARD, WHITE, SKIP (10' - 30')	11,335	LF	\$0.70	\$7,934.50	\$0.69	\$7,821.15	\$0.80	\$9,068.00	\$0.88	\$1.00
91	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	9,425	LF	\$0.70	\$6,597.50	\$0.69	\$6,503.25	\$0.80	\$7,540.00	\$0.78	\$4.00
92	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	30	LF	\$2.20	\$66.00	\$2.15	\$64.50	\$2.10	\$63.00	\$2.75	\$6.00
93	THERMOPLASTIC, STANDARD, YELLOW, SKIP (6' - 10')	162	LF	\$0.70	\$113.40	\$0.69	\$111.78	\$0.80	\$129.60	\$0.89	\$1.00
94	FLEXIBLE DELINEATOR POST (WHITE)	20	EA	\$68.40	\$1,368.00	\$67.10	\$1,342.00	\$50.00	\$1,000.00	\$67.00	\$40.00
95	REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL WHITE -RED)	540	EA	\$3.70	\$1,998.00	\$3.60	\$1,944.00	\$3.15	\$1,701.00	\$3.79	\$2.50

BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A

**RANGER CONSTRUCTION
INDUSTRIES, INC.**

COMMUNITY ASPHALT CORP.

PALM BEACH GRADING, INC.

**AVERAGE OF
BID ITEMS**

**ENGINEERS
ESTIMATE**

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			
96	REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL YELLOW)	190	EA	\$3.70	\$703.00	\$3.60	\$684.00	\$3.15	\$598.50		\$3.79	\$2.50
97	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	12	EA	\$158.00	\$1,896.00	\$155.00	\$1,860.00	\$115.00	\$1,380.00		\$149.20	\$90.00
98	THERMOPLASTIC, STANDARD, WHITE, ARROW	43	EA	\$57.90	\$2,489.70	\$56.80	\$2,442.40	\$80.00	\$3,440.00		\$65.74	\$24.50
99	SIGN - SINGLE POST, F&I, LESS THAN 12 SF	5	EA	\$226.00	\$1,130.00	\$222.00	\$1,110.00	\$225.00	\$1,125.00		\$217.84	\$900.00
100	SIGN - SINGLE POST, F&I, 12 - 20 SF	12	EA	\$237.00	\$2,844.00	\$232.00	\$2,784.00	\$240.00	\$2,880.00		\$565.40	\$900.00
101	SINGLE POST SIGN, RELOCATE	5	EA	\$79.00	\$395.00	\$77.40	\$387.00	\$80.00	\$400.00		\$81.68	\$330.00
102	SINGLE POST SIGN, REMOVE	6	EA	\$5.30	\$31.80	\$5.15	\$30.90	\$5.00	\$30.00		\$23.49	\$20.00
	TOTAL SIGNING & PAVEMENT MARKING ITEMS				\$43,231.00		\$42,019.00		\$46,068.00			
	UTILITY CONTINGENCY ITEMS (NON_FHWA PARTICIPATORY)											
103	FURNISH AND INSTALL CONFLICT STRUCTURE	5	EA	\$9,010.00	\$45,050.00	\$8,823.00	\$44,115.00	\$6,500.00	\$32,500.00		\$6,830.40	\$6,830.00
104	ADJUST VALVE BOX ELEVATION	10	EA	\$253.00	\$2,530.00	\$245.00	\$2,450.00	\$200.00	\$2,000.00		\$280.26	\$280.00
105	ADJUST MANHOLE RIM ELEVATION	1	EA	\$353.00	\$353.00	\$342.00	\$342.00	\$450.00	\$450.00		\$423.40	\$424.00
106	RELOCATE WATER METER AND BOX (INCLUDING ASSOCIATED WATER SERVICE)	2	EA	\$532.00	\$1,064.00	\$515.00	\$1,030.00	\$275.00	\$550.00		\$617.60	\$618.00
107	RELOCATE BACKFLOW PREVENTER (INCLUDING ASSOCIATED WATER SERVICE)	2	EA	\$1,490.00	\$2,980.00	\$1,448.00	\$2,896.00	\$750.00	\$1,500.00		\$1,178.80	\$1,180.00
108	REMOVE WATER METER AND BOX	1	EA	\$47.40	\$47.40	\$45.90	\$45.90	\$100.00	\$100.00		\$216.06	\$216.00
109	REMOVE BACKFLOW PREVENTER (INCLUDE CAPPING LINE)	1	EA	\$47.40	\$47.40	\$45.90	\$45.90	\$250.00	\$250.00		\$434.26	\$434.30
110	PROTECT UTILITY DURING CONSTRUCTION (12" DIP WM FROM STA. 100+70 TO STA. 102+08, CONGRESS AVE.)	138	LF	\$14.30	\$1,973.40	\$13.80	\$1,904.40	\$15.00	\$2,070.00		\$16.97	\$17.00
	UTILITY CONTINGENCY ITEMS SUB-TOTAL				\$54,045.20		\$52,829.20		\$39,420.00			
	TOTAL BID				\$1,456,526.20		\$1,463,785.40		\$1,490,406.35			

**BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A**

J. W. CHEATHAM, LLC

**GONZALEZ and SONS
EQUIPMENT, INC.**

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	REGULAR ROADWAY ITEMS						
1	MOBILIZATION	1	LS	\$133,550.00	\$133,550.00	\$123,250.00	\$123,250.00
2	MAINTENANCE OF TRAFFIC (INCLUDES PEDESTRIAN MOT)	1	LS	\$89,500.00	\$89,500.00	\$82,256.54	\$82,256.54
3	TRAFFIC OFFICER (NON MOT)	50	MH	\$50.00	\$2,500.00	\$43.20	\$2,160.00
4	WORK ZONE SIGN	5,400	ED	\$0.90	\$4,860.00	\$0.50	\$2,700.00
5	BUSINESS SIGN	14	EA	\$77.00	\$1,078.00	\$763.00	\$10,682.00
6	BARRICADE, TEMPORARY, TYPE I, II, DI, VP, DRUM	32,000	ED	\$0.25	\$8,000.00	\$0.52	\$16,640.00
7	ADVANCE WARNING ARROW PANEL	4,320	ED	\$5.70	\$24,624.00	\$23.75	\$102,600.00
8	HIGH INTENSITY FLASHING LIGHTS, TEMPORARY, TYPE B	37,400	ED	\$0.02	\$748.00	\$0.17	\$6,358.00
9	REFLECTIVE PAVEMENT MARKER, TEMPORARY	690	ED	\$3.02	\$2,083.80	\$5.40	\$3,726.00
10	CHANGEABLE VARIABLE MESSAGE SIGN, TEMPORARY	1,080	ED	\$17.00	\$18,360.00	\$23.75	\$25,650.00
11	REMOVABLE TAPE PAVEMENT MARKING - WHITE/BLACK, SKIP	10,000	LF	\$1.90	\$19,000.00	\$2.70	\$27,000.00
12	REMOVABLE TAPE PAVEMENT MARKING - WHITE/BLACK, SOLID	12,800	LF	\$1.80	\$23,040.00	\$2.70	\$34,560.00
13	REMOVABLE TAPE PAVEMENT MARKING - YELLOW, SKIP	500	LF	\$1.90	\$950.00	\$5.40	\$2,700.00
14	REMOVABLE TAPE PAVEMENT MARKING - YELLOW, SOLID	12,700	LF	\$1.80	\$22,860.00	\$2.70	\$34,290.00
15	CLEARING & GRUBBING	1	LS	\$102,200.00	\$102,200.00	\$155,315.00	\$155,315.00
16	REGULAR EXCAVATION	3,231	CY	\$10.00	\$32,310.00	\$5.80	\$18,739.80
17	EMBANKMENT (COMPACTED IN PLACE)	378	CY	\$20.00	\$7,560.00	\$22.00	\$8,316.00
18	TYPE B STABILIZATION (LBR 40) (12")	4,763	SY	\$9.00	\$42,867.00	\$9.92	\$47,248.96
19	OPTIONAL BASE GROUP 12	3,756	SY	\$16.30	\$61,222.80	\$12.50	\$46,950.00
20	ASPHALTIC CONC FRICTION COURSE (FC-9.5) (RUBBER) (TRAFFIC C)	1,370	TN	\$112.00	\$153,440.00	\$107.00	\$146,590.00
21	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	600	TN	\$95.60	\$57,360.00	\$105.00	\$63,000.00
22	MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	19,613	SY	\$1.50	\$29,419.50	\$1.65	\$32,361.45
23	CLASS I CONCRETE (RETAINING WALL)	174	CY	\$370.00	\$64,380.00	\$433.00	\$75,342.00
24	INLETS (CURB) (TYPE P-1) (<10')	1	EA	\$5,616.00	\$5,616.00	\$4,497.00	\$4,497.00
25	INLETS (CURB) (TYPE P-1) (>10')	1	EA	\$6,372.00	\$6,372.00	\$5,610.00	\$5,610.00
26	INLETS (CURB) (TYPE P-5) (<10')	3	EA	\$2,376.00	\$7,128.00	\$3,675.00	\$11,025.00
27	INLETS (CURB) (TYPE P-5) (PARTIAL)	1	EA	\$2,052.00	\$2,052.00	\$3,143.00	\$3,143.00
28	INLETS (CURB) (TYPE P-6) (<10')	5	EA	\$2,592.00	\$12,960.00	\$3,952.00	\$19,760.00
29	INLETS (CURB) (TYPE J-5) (<10')	1	EA	\$5,292.00	\$5,292.00	\$6,261.00	\$6,261.00
30	INLETS (CURB) (TYPE J-6) (<10')	1	EA	\$5,724.00	\$5,724.00	\$5,710.00	\$5,710.00
31	INLETS (CURB) (TYPE J-6) (>10')	1	EA	\$6,372.00	\$6,372.00	\$8,521.00	\$8,521.00
32	MANHOLE (TYPE P-7)	3	EA	\$1,728.00	\$5,184.00	\$3,310.00	\$9,930.00

BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A

J. W. CHEATHAM, LLC

GONZALEZ and SONS
EQUIPMENT, INC.

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
33	MANHOLE (TYPE P-7) (PARTIAL)	4	EA	\$1,350.00	\$5,400.00	\$2,597.00	\$10,388.00
34	ADJUST MANHOLE	11	EA	\$594.00	\$6,534.00	\$328.00	\$3,608.00
35	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 0-24" SD (15")	6	LF	\$95.00	\$570.00	\$118.00	\$708.00
36	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 0-24" SD (18")	300	LF	\$100.00	\$30,000.00	\$49.00	\$14,700.00
37	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 0-24" SD (24")	11	LF	\$103.00	\$1,133.00	\$131.00	\$1,441.00
38	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 0-24" S/CD (14"x23")	65	LF	\$81.00	\$5,265.00	\$66.50	\$4,322.50
39	FRENCH DRAINS (18" DIA.) (INCL. BALLAST ROCK & FILTER)	285	LF	\$107.00	\$30,495.00	\$118.00	\$33,630.00
40	PIPE HANDRAIL - GUIDERAIL, STEEL	462	LF	\$36.00	\$16,632.00	\$64.20	\$29,660.40
41	CONCRETE CURB & GUTTER (TYPE F)	4,556	LF	\$9.50	\$43,282.00	\$10.25	\$46,699.00
42	TRAFFIC SEPARATOR CONCRETE, TYPE IV, 4' WIDE	1,170	LF	\$26.00	\$30,420.00	\$27.80	\$32,526.00
43	CONCRETE SIDEWALK 4"	2,432	SY	\$22.00	\$53,504.00	\$23.20	\$56,422.40
44	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	61	SY	\$40.00	\$2,440.00	\$34.55	\$2,107.55
45	PERFORMANCE TURF, SOD	1,320	SY	\$5.00	\$6,600.00	\$8.00	\$10,560.00
46	STORM SEWER PUMPING(EXISTING)(24" OR LESS)	700	LF	\$4.00	\$2,800.00	\$2.16	\$1,512.00
47	STORM SEWER PUMPING(EXISTING)(>24" TO 48")	1,790	LF	\$4.50	\$8,055.00	\$3.45	\$6,175.50
TOTAL REGULAR ROADWAY ITEMS					\$1,201,743.10		\$1,397,353.10
SIGNALIZATION ITEMS							
48	2-2" PVC CONDUITS (SAME TRENCH)	5,270	LF	\$2.40	\$12,648.00	\$4.50	\$23,715.00
49	CONDUIT-SIGNALS (F&I)(ABOVEGROUND)	75	LF	\$10.30	\$772.50	\$14.60	\$1,095.00
50	CONDUIT-SIGNALS (F&I)(UNDERGROUND)	1,108	LF	\$2.05	\$2,271.40	\$6.65	\$7,368.20
51	CONDUIT-SIGNALS (F&I)(UNDERPAVEMENT SAWCUT)	2,046	LF	\$14.85	\$30,383.10	\$23.50	\$48,081.00
52	SIGNALS-CABLE WITHIN INTERSECTION (F&I)	1	PI	\$4,750.00	\$4,750.00	\$3,826.00	\$3,826.00
53	SIGNALS-FIBER OPTIC CABLE (F&I) (UNDERGROUND) (13 TO 48)	1,751	LF	\$6.75	\$11,819.25	\$810.00	\$1,418,310.00
54	PULL & JUNCTION BOXES (F&I)(PULL BOX)	21	EA	\$503.00	\$10,563.00	\$850.00	\$17,850.00
55	PULL & JUNCTION BOXES (F&I)(FIBER OPTICS)(LARGE) (48"x30"x24")	3	EA	\$1,272.00	\$3,816.00	\$1,358.00	\$4,074.00
56	PULL & JUNCTION BOXES (F&I)(FIBER OPTICS)(SMALL) (17"x30"x24")	4	EA	\$620.00	\$2,480.00	\$907.00	\$3,628.00
57	MAST ARM ASSEMBLY(F&I)(150)(SINGLE ARM WITH LUM)(46)	1	EA	\$18,600.00	\$18,600.00	\$29,893.00	\$29,893.00
58	MAST ARM ASSEMBLY(F&I)(150)(SINGLE ARM WITH LUM)(60)	1	EA	\$22,900.00	\$22,900.00	\$35,182.00	\$35,182.00
59	MAST ARM ASSEMBLY(F&I)(150)(SINGLE ARM WITHO LUM)(70.5)	3	EA	\$26,600.00	\$79,800.00	\$40,573.00	\$121,719.00
60	MAST ARM ASSEMBLY (F&I) (CUSTOM)	1	EA	\$26,000.00	\$26,000.00	\$39,905.00	\$39,905.00
61	SIGNAL TRAFFIC (F&I)(3-SECT, 1 WAY)(STD)	18	AS	\$690.00	\$12,420.00	\$1,031.00	\$18,558.00
62	SIGNAL TRAFFIC (F&I)(5-SECT, 1 WAY)(STD)	4	AS	\$1,000.00	\$4,000.00	\$1,480.00	\$5,920.00
63	PEDESTRIAN SIGNAL (F&I)(LED COUNTDOWN, 1-WAY)	6	AS	\$560.00	\$3,360.00	\$899.00	\$5,394.00

**BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A**

J. W. CHEATHAM, LLC

**GONZALEZ and SONS
EQUIPMENT, INC.**

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
64	PEDESTRIAN SIGNAL (F&I)(LED COUNTDOWN, 2-WAY)	1	AS	\$1,120.00	\$1,120.00	\$1,771.00	\$1,771.00
65	SIGNAL HEAD AUXILIARIES (F&I)(BACK PLATES, 3 SECTION)	18	EA	\$103.00	\$1,854.00	\$230.00	\$4,140.00
66	SIGNAL HEAD AUXILIARIES (F&I)(ALUMINUM PEDESTAL)	4	EA	\$673.00	\$2,692.00	\$967.00	\$3,868.00
67	SIGNAL HEAD AUXILIARIES (F&I)(BACK PLATES, 5-SECT CLUSTER)	4	EA	\$138.00	\$552.00	\$315.00	\$1,260.00
68	VEHICLE DETECTOR ASSEMBLIES (F&I)(OPTICAL)	6	EA	\$6,050.00	\$36,300.00	\$5,842.00	\$35,052.00
69	PEDESTRIAN DETECTOR (F&I)(POLE MOUNTED)	8	EA	\$100.00	\$800.00	\$185.00	\$1,480.00
70	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)(NEMA)	1	AS	\$832.00	\$832.00	\$1,036.00	\$1,036.00
71	CONDUIT & CABLING, REMOVE	1	PI	\$170.00	\$170.00	\$518.00	\$518.00
72	SIGNAL EQUIPMENT, MISCELLANEOUS REMOVE	1	PI	\$170.00	\$170.00	\$758.00	\$758.00
73	INTERNALLY ILLUMINATED SIGN (F&I)	4	EA	\$1,800.00	\$7,200.00	\$3,222.00	\$12,888.00
74	SIGN PANEL (F&I)	8	EA	\$240.00	\$1,920.00	\$410.00	\$3,280.00
75	SIGN PANEL (REMOVE)	6	EA	\$16.50	\$99.00	\$30.00	\$180.00
76	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	12	EA	\$10.00	\$120.00	\$62.50	\$750.00
77	SIGNAL PEDESTRIAN ASSEMBLY, REMOVE	8	EA	\$16.50	\$132.00	\$130.00	\$1,040.00
78	POLE REMOVAL-SHALLOW (DIRECT BURIAL)	4	EA	\$927.00	\$3,708.00	\$891.00	\$3,564.00
79	DETECTOR VEHICLE ASSEMBLY, REMOVE	16	EA	\$7.00	\$112.00	\$86.50	\$1,384.00
80	DETECTOR PEDESTRIAN ASSEMBLY, REMOVE	8	EA	\$10.00	\$80.00	\$36.50	\$292.00
81	SPAN WIRE ASSEMBLY, REMOVE	4	EA	\$133.00	\$532.00	\$519.00	\$2,076.00
TOTAL SIGNALIZATION ITEMS					\$304,976.25		\$1,859,855.20
SIGNING & PAVEMENT MARKING ITEMS							
82	DELINEATOR, FLEXIBLE TUBULAR	20	EA	\$63.00	\$1,260.00	\$86.50	\$1,730.00
83	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	11,755	LF	\$0.87	\$10,226.85	\$0.85	\$9,991.75
84	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	1,125	LF	\$1.50	\$1,687.50	\$1.20	\$1,350.00
85	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	1,590	LF	\$2.25	\$3,577.50	\$2.55	\$4,054.50
86	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	15	LF	\$4.00	\$60.00	\$3.30	\$49.50
87	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	590	LF	\$5.60	\$3,304.00	\$4.35	\$2,566.50
88	THERMOPLASTIC, STANDARD, WHITE, SKIP (2' - 4')	940	LF	\$1.35	\$1,269.00	\$0.92	\$864.80
89	THERMOPLASTIC, STANDARD, WHITE, SKIP (6' - 10')	138	LF	\$1.35	\$186.30	\$0.92	\$126.96
90	THERMOPLASTIC, STANDARD, WHITE, SKIP (10' - 30')	11,335	LF	\$1.30	\$14,735.50	\$0.92	\$10,428.20
91	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	9,425	LF	\$0.87	\$8,199.75	\$0.85	\$8,011.25
92	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	30	LF	\$4.00	\$120.00	\$3.30	\$99.00
93	THERMOPLASTIC, STANDARD, YELLOW, SKIP (6' - 10')	162	LF	\$1.35	\$218.70	\$0.92	\$149.04
94	FLEXIBLE DELINEATOR POST (WHITE)	20	EA	\$63.00	\$1,260.00	\$86.50	\$1,730.00
95	REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL WHITE -RED)	540	EA	\$4.20	\$2,268.00	\$4.32	\$2,332.80

**BLUE HERON BLVD. & CONGRESS AVE. (PHASE II)
INTERSECTION IMPROVEMENTS
PBC PROJECT NO 2005102A**

J. W. CHEATHAM, LLC

**GONZALEZ and SONS
EQUIPMENT, INC.**

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
96	REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL YELLOW)	190	EA	\$4.20	\$798.00	\$4.32	\$820.80
97	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	12	EA	\$221.00	\$2,652.00	\$97.00	\$1,164.00
98	THERMOPLASTIC, STANDARD, WHITE, ARROW	43	EA	\$80.00	\$3,440.00	\$54.00	\$2,322.00
99	SIGN - SINGLE POST, F&I, LESS THAN 12 SF	5	EA	\$130.00	\$650.00	\$286.20	\$1,431.00
100	SIGN - SINGLE POST, F&I, 12 - 20 SF	12	EA	\$1,200.00	\$14,400.00	\$918.00	\$11,016.00
101	SINGLE POST SIGN, RELOCATE	5	EA	\$54.00	\$270.00	\$118.00	\$590.00
102	SINGLE POST SIGN, REMOVE	6	EA	\$10.00	\$60.00	\$92.00	\$552.00
TOTAL SIGNING & PAVEMENT MARKING ITEMS					\$70,643.10		\$61,380.10
UTILITY CONTINGENCY ITEMS (NON_FHWA PARTICIPATORY)							
103	FURNISH AND INSTALL CONFLICT STRUCTURE	5	EA	\$3,240.00	\$16,200.00	\$6,579.00	\$32,895.00
104	ADJUST VALVE BOX ELEVATION	10	EA	\$378.00	\$3,780.00	\$325.30	\$3,253.00
105	ADJUST MANHOLE RIM ELEVATION	1	EA	\$594.00	\$594.00	\$378.00	\$378.00
106	RELOCATE WATER METER AND BOX (INCLUDING ASSOCIATED WATER SERVICE)	2	EA	\$1,080.00	\$2,160.00	\$686.00	\$1,372.00
107	RELOCATE BACKFLOW PREVENTER (INCLUDING ASSOCIATED WATER SERVICE)	2	EA	\$1,080.00	\$2,160.00	\$1,126.00	\$2,252.00
108	REMOVE WATER METER AND BOX	1	EA	\$650.00	\$650.00	\$237.00	\$237.00
109	REMOVE BACKFLOW PREVENTER (INCLUDE CAPPING LINE)	1	EA	\$650.00	\$650.00	\$1,178.00	\$1,178.00
110	PROTECT UTILITY DURING CONSTRUCTION (12" DIP WM FROM STA. 100+70 TO STA. 102+08, CONGRESS AVE.)	138	LF	\$7.50	\$1,035.00	\$34.25	\$4,726.50
UTILITY CONTINGENCY ITEMS SUB-TOTAL					\$27,229.00		\$46,291.50
TOTAL BID					\$1,604,591.45		\$1,364,379.50

THE ITEMS AND QUANTITIES ABOVE, SHALL GOVERN OVER THE PLANS.

PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

ALL STRUCTURE BOXES ARE 10 FEET OR LESS IN DEPTH, UNLESS OTHERWISE NOTED.

THE COST OF BREAKING INTO EXISTING STRUCTURES IS INCIDENTAL TO COST OF PIPE.

BASEROCK & ASPHALTIC CONCRETE ITEMS INCLUDE BITUMINOUS MATERIAL & TACK COAT AS REQUIRED.

CONTRACTOR IS RESPONSIBLE FOR "TRENCH SAFETY COMPLIANCE" IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

SODDING - SHALL BE IN ACCORDANCE WITH THE GENERAL PROVISIONS OF THESE SPECIFICATIONS (SECT. 575)

CHANGEABLE (VARIABLE) MESSAGE SIGN (NON-MOT) AND TRAFFIC CONTROL OFFICERS (NON-MOT) IN ACCORDANCE WITH THE GENERAL PROVISIONS (Section 102).

+ Indicates a discrepancy/error in the item.

Working days to complete: XXX calendar days

Bids as read at opening of Tuesday, January 31, 2011; 2PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Joseph M. Totino, Project Coordinator II

Checked by: David Young, P.E., Special Projects Program Manager


Attachment 5

BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY
BUDGET Amendment

FUND Road Impact Fee – Zone 1

BGRV 040711-509
BGEX 040711-1354

ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 04/07/11	REMAINING BALANCE
<u>REVENUES</u>								
<u>BLUE HERON & CONGRESS INTERSECTION – FDOT</u>								
3501-361-1139-6948	Utility Reloc Reimbursement	<u>0</u>	<u>0</u>	<u>54,046</u>	<u>0</u>	<u>54,046</u>		
TOTAL RECEIPTS & BALANCES		58,670,131	57,850,310	54,046	0	57,904,356		
<u>EXPENDITURES</u>								
<u>BLUE HERON & CONGRESS INTERSECTION – FDOT</u>								
3501-361-1139-8101	Contributions Othr Govtl Agency	<u>2,285</u>	<u>2,285</u>	<u>54,046</u>	<u>0</u>	<u>56,331</u>	0	56,331
TOTAL APPROPRIATIONS & EXPENDITURES		58,670,131	57,850,310	54,046	0	57,904,356		

	SIGNATURE	DATE	By Board of County Commissioners At Meeting of <u>05/17/11</u>
Engineering & Public Works	<u></u>	<u>4/17/11</u>	
Administration / Budget Approval	_____	_____	_____
OFMB Department – Posted	_____	_____	Deputy Clerk to the Board of County Commissioners