

Agenda Item over 100 pages,  
Can be viewed in Minutes Dept.

Agenda Item #: 3-C-8

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: August 14, 2012     Consent     Regular  
   Workshop     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 contract with J. W. Cheatham, LLC (Cheatham), in the amount of \$925,023.40 for the construction of Atlantic Avenue and Jog Road Intersection Improvements (Project).

**SUMMARY:** Approval of this contract will allow Palm Beach County (County) to issue a notice to proceed to Cheatham, the lowest responsive, responsible bidder, and 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% overall. The SBE participation proposed for the Project by Cheatham is 15.68%.

District 5 (MRE)

**Background and Justification:** Bids for the Project were received by the Engineering Department on June 12, 2012. Cheatham was the lowest responsive, responsible bidder. The Office of Small Business Assistance issued its evaluation on June 29, 2012. Time to complete all work under this contract shall be no more than 210 calendar days.

**Attachments:**

1. Location Sketch
2. Contracts
3. Contract Pages C-1A and C-2
4. SBE Evaluation Letter
5. Bid Tabulation
6. Budget Availability Statement

Recommended by:

*Donna A. Fernandez*  
Division Director

*7/12/12*  
Date

Approved By:

*S. J. Webb*  
County Engineer

*7/26/12*  
Date

**II. FISCAL IMPACT ANALYSIS**

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

Fiscal Years	2012	2013	2014	2015	2016
Capital Expenditures	\$1,037,675	-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-
<b>NET FISCAL IMPACT</b>	<b>\$1,037,675</b>	<b>-0-</b>	<b>-0-</b>	<b>-0-</b>	<b>-0-</b>
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget?                      Yes   X                      No

**Budget Account No:**

Fund 3500    Dept 361            Unit 1085-01    Object 6551    \$1,020,853.40  
 Fund 4001    Dept 720            Unit 2460        Object 4615    \$ 16,821.00

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

Transportation Improvement Fund  
 W Atlantic Ave/W of Lyons Rd to E of Fla Turnpike  
 Palm Beach County Water Utilities Dept.  
 Linecrews South

Construct Contract	\$ 925,023.40
Contingency	\$ 27,751.00
Testing Lab	\$ 12,000.00
Traffic Striping & Signage	\$ 3,200.00
Staff Costs - Roadway Production	\$ 18,500.00
Survey	\$ 9,200.00
Construction Coord.	\$ 37,000.00
Traffic	\$ 5,000.00
Fiscal Impact	<u>\$1,037,674.40</u>

**C. Departmental Fiscal Review:**

*Alice Kovalainen*

**III. REVIEW COMMENTS**

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

*[Signature]*  
 OFMB                      7/24/12  
 cc                          7/24/12

*[Signature]* 7/26/12  
 Contract Dev. and Control  
 7-26-12 B. Bickel

**B. Approved as to Form and Legal Sufficiency:**

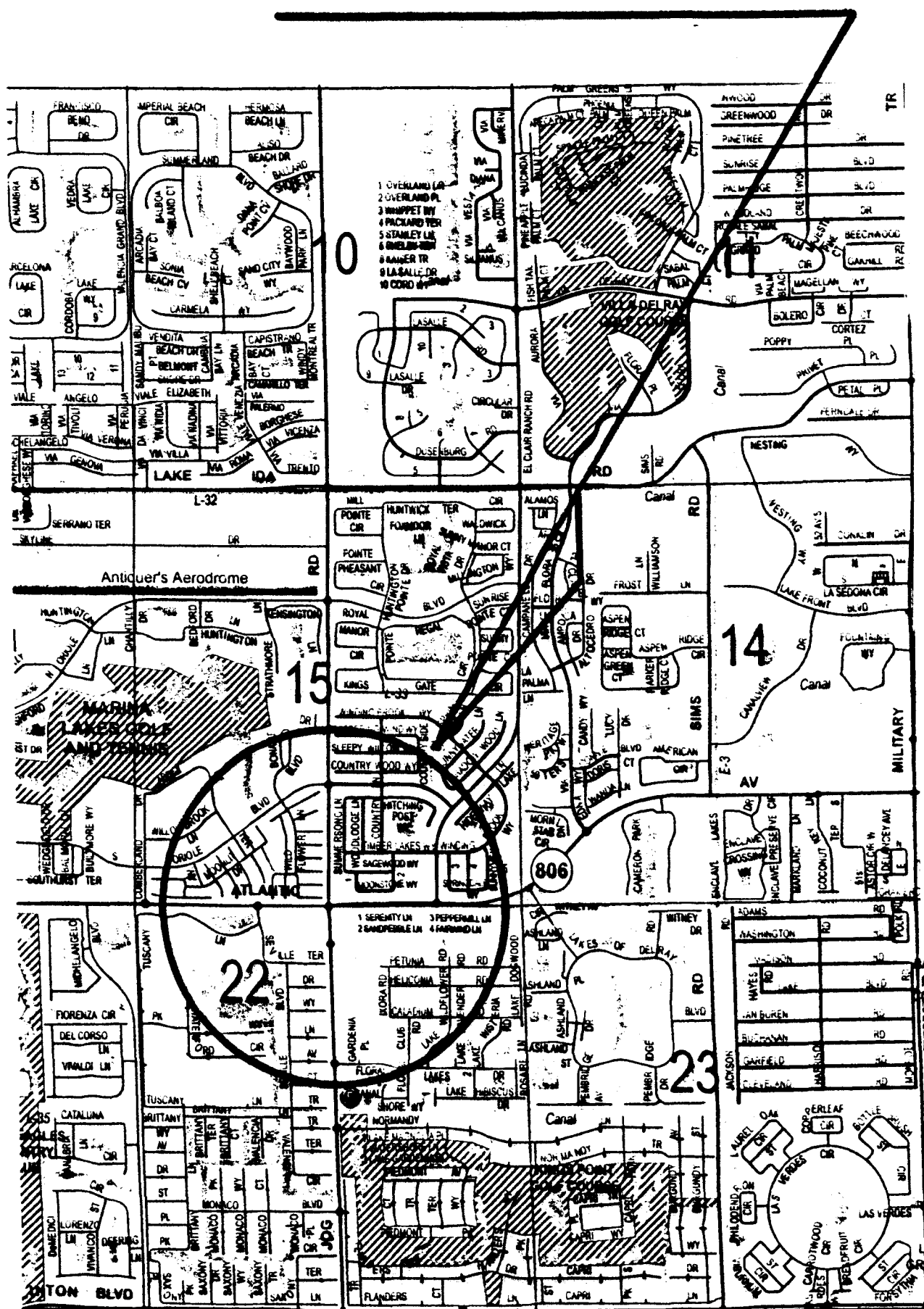
*[Signature]*  
 Assistant County Attorney

**C. Other Department Review:**

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

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

**PROJECT LOCATION  
ATLANTIC AVENUE AND JOG ROAD  
INTERSECTION IMPROVEMENTS  
PROJECT NO. 2006604**



**LOCATION SKETCH**

**CONTRACT**

STATE OF FLORIDA            )

  ) SS

COUNTY OF PALM BEACH )

This Contract, made this \_\_\_\_ day of \_\_\_\_\_, A.D. 2012, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the party of the first part), and J. W. Cheatham, LLC of West Palm Beach, 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:

**PROJECT NAME: ATLANTIC AVENUE AND JOG ROAD INTERSECTION IMPROVEMENTS**

**PROJECT NO.: 2006604**

IN THE AMOUNT OF:

**NINE HUNDRED TWENTY FIVE THOUSAND TWENTY THREE DOLLARS 40/100**  
(IN WORDS)

**\$925,023.40**  
(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 ~~two hundred ten (210) 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. BOCK,  
Clerk & Comptroller

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

BOARD OF COUNTY COMMISSIONERS

By: \_\_\_\_\_  
Deputy Clerk

By: \_\_\_\_\_  
Shelley Vana, Chair

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY

SPCA  
(witness signature)

Stephen Chatham  
(witness name printed)

[Signature]  
(witness signature)

Sherry Brown  
(witness name printed)

[Signature]  
APPROVED AS TO TERMS  
AND CONDITIONS

J. w. Chatham, LLC  
(Corporate Name)

a Florida corporation  
(insert state of incorporation)

By S. M. Moussavi  
(signature)

Seyed M. MOUSSAVI  
(print signatory's name)

Its Vice president  
(print title)

\_\_\_\_\_  
(date of execution)

(Corporate Seal)



Office of Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com/osba

Palm Beach County Board of County Commissioners

Shelley Vana, Chair
Steven L. Abrams, Vice Chairman

- Karen T. Marcus
Paulette Burdick
Burt Aaronson
Jess R. Santamaria
Priscilla A. Taylor

- County Administrator (SB)
Robert Weisman (SB)
(SB)
(BL)
(WB)

DATE: June 29, 2012
TO: David Young, P.E. Special Projects Manager
Roadway Production
Through: Tonya Davis Johnson, Director - Office of Small Business Assistance
FROM: Tanoy Williams, Compliance Specialist II
SUBJECT: Compliance Review on Project No. 2006604
Atlantic Avenue and Jog Road Intersection Improvements

The following is a Compliance Review of SBE participation on the above-mentioned project.

LOW BIDDER: JW CHEATHAM, LLC
7396 Westport Place
WPB, FL 33413
Phone: 561-471-4100
Bid Opening: June 12, 2012
Bid Amount: \$884,709.15
Goal: 15% Overall
Goal Achieved: 15.68

Table with 3 columns: SBE Participation, Amount, and Percentage. Total: \$138,796.70 (15.68%)

**2ND LOW BIDDER:****CHARLES S. WHITESIDE, INC.**

250 Truck and Trailer Way  
West Palm Beach, FL 33413

Phone: 561-471-7696  
Bid Amount: \$944,342.05  
Goal: **15% Overall**  
Goal Achieved: **27.36%**

**SBE Participation:**

(SB) Charles Whiteside	<b>\$258,440.00</b>	<b>27.36%</b>
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**3RD LOW BIDDER****RANGER CONSTRUCTION INDUSTRIES, INC.**

101 Sansbury's Way  
West Palm Beach, FL 33411

Phone: 561-793-9400  
Bid Amount: \$967,999.90  
Goal: **15% Overall**  
Goal Achieved: **15.70%**

**SBE Participation:**

(SB) EastCoast Undergr	\$68,110.65	7.03%
(SB) Wm. Adeimy	\$60,312.00	6.23%
(WB) SE Attenuators	\$15,144.00	1.56%
(SB) Popp Construct.	\$ 8,500.00	0.88%
	<b>\$152,066.65</b>	<b>15.70%</b>

**EVALUATION**

The low bidder, **JW CHEATHAM, LLC.** has met the SBE goal for this project.

cc: Tammy Fields, Senior Assistant County Attorney  
File

**ATLANTIC AVENUE &  
JOG ROAD INTERSECTION  
P.B.C. PROJECT NUMBER: 2006604**

**ATTACHMENT 5**

**J. W. CHEATHAM, LLC**

**CHARLES S. WHITESIDE, INC.**

**RANGER CONSTRUCTION  
INDUSTRIES, INC.**

**AVERAGE OF  
BID ITEMS**

**ENGINEERS'  
ESTIMATE**

**HARDRIVES, INC.**

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT
	<b>REGULAR ROADWAY PAY ITEMS</b>												
1	MOBILIZATION	1	LS	\$51,100.00	\$51,100.00	\$10,000.00	\$10,000.00	\$102,000.00	\$102,000.00	\$70,775.00	\$100,000.00	\$120,000.00	\$120,000.00
2	MAINTENANCE OF TRAFFIC (INCL. PEDESTRIAN M.O.T.)	1	LS	\$42,123.00	\$42,123.00	\$20,000.00	\$20,000.00	\$52,400.00	\$52,400.00	\$52,380.75	\$75,000.00	\$95,000.00	\$95,000.00
3	CLEARING AND GRUBBING	1	LS	\$24,720.00	\$24,720.00	\$110,000.00	\$110,000.00	\$25,700.00	\$25,700.00	\$46,355.00	\$10,000.00	\$25,000.00	\$25,000.00
4	REGULAR EXCAVATION	737	CY	\$30.00	\$22,110.00	\$10.00	\$7,370.00	\$12.50	\$9,212.50	\$18.13	\$4.00	\$20.00	\$14,740.00
5	EMBANKMENT (COMPACTED IN PLACE)	248	CY	\$30.00	\$7,440.00	\$15.00	\$3,720.00	\$6.30	\$1,562.40	\$15.83	\$7.00	\$12.00	\$2,976.00
6	TYPE B STABILIZATION (LBR40) (12")	1,289	SY	\$5.50	\$7,089.50	\$5.00	\$6,445.00	\$7.20	\$9,280.80	\$5.29	\$3.00	\$3.45	\$4,447.05
7	BASEROCK (13.5") (3 LIFTS) (INCL. 12" COMPACTED BASE)	615	SY	\$20.20	\$12,423.00	\$55.00	\$33,825.00	\$23.50	\$14,452.50	\$32.18	\$16.00	\$30.00	\$18,450.00
8	OPTIONAL BASE GROUP 9	1,153	SY	\$12.50	\$14,412.50	\$35.00	\$40,355.00	\$18.30	\$21,099.90	\$21.45	\$15.00	\$20.00	\$23,060.00
9	TYPE S-III ASPHALTIC CONCRETE ( 1.0 " )	34	TN	\$104.00	\$3,536.00	\$175.00	\$5,950.00	\$128.00	\$4,352.00	\$151.75	\$81.00	\$200.00	\$6,800.00
10	TYPE S-1 ASPHALTIC CONCRETE ( 1.50" )	51	TN	\$96.25	\$4,908.75	\$175.00	\$8,925.00	\$104.00	\$5,304.00	\$141.31	\$78.00	\$190.00	\$9,690.00
11	SUPERPAVE ASPHALT CONCRETE (TRAFFIC LEVEL C) (3.0")	190	TN	\$106.00	\$20,140.00	\$135.00	\$25,650.00	\$142.00	\$26,980.00	\$130.25	\$90.00	\$138.00	\$26,220.00
12	MILL EXISTING ASPHALT PAVEMENT	214	SY	\$7.00	\$1,498.00	\$12.00	\$2,568.00	\$20.00	\$4,280.00	\$12.25	\$2.00	\$10.00	\$2,140.00
13	ASPH. CONCRETE FRICTION COURSE (1.5") (FC-12.5)	107	TN	\$127.50	\$13,642.50	\$160.00	\$17,120.00	\$188.00	\$20,116.00	\$170.13	\$95.00	\$205.00	\$21,935.00
14	CLASS I CONCRETE (GRAVITY WALLS)	83	CY	\$341.00	\$28,303.00	\$400.00	\$33,200.00	\$394.00	\$32,702.00	\$377.50	\$700.00	\$375.00	\$31,125.00
15	INLETS ( CURB ) ( TYPE P-2 )	1	EA	\$6,469.00	\$6,469.00	\$7,000.00	\$7,000.00	\$6,180.00	\$6,180.00	\$6,503.25	\$5,800.00	\$6,364.00	\$6,364.00
16	INLETS ( CURB ) ( TYPE P-6 )	1	EA	\$3,839.00	\$3,839.00	\$4,200.00	\$4,200.00	\$3,620.00	\$3,620.00	\$3,847.25	\$4,000.00	\$3,730.00	\$3,730.00
17	INLETS ( CURB ) ( TYPE J-1 ) (MODIFIED)	1	EA	\$8,732.00	\$8,732.00	\$9,600.00	\$9,600.00	\$8,230.00	\$8,230.00	\$8,759.25	\$8,500.00	\$8,475.00	\$8,475.00
18	INLETS (DITCH BOTTOM) (TYPE C)	1	EA	\$2,198.00	\$2,198.00	\$2,460.00	\$2,460.00	\$2,080.00	\$2,080.00	\$2,220.75	\$2,000.00	\$2,145.00	\$2,145.00
19	MANHOLE (TYPE P-7) (PARTIAL)	1	EA	\$1,366.00	\$1,366.00	\$2,300.00	\$2,300.00	\$1,300.00	\$1,300.00	\$1,575.50	\$2,000.00	\$1,336.00	\$1,336.00
20	ADJUST MANHOLES	2	EA	\$405.00	\$810.00	\$300.00	\$600.00	\$401.00	\$802.00	\$379.50	\$1,000.00	\$412.00	\$824.00
21	CONCRETE PIPE CULVERT (18")	203	LF	\$53.50	\$10,860.50	\$50.00	\$10,150.00	\$50.80	\$10,312.40	\$51.83	\$50.00	\$53.00	\$10,759.00
22	FRENCH DRAINS (18" DIA) (INCL. BALLAST ROCK & FILTER FABRIC)	204	LF	\$91.00	\$18,564.00	\$85.00	\$17,340.00	\$86.30	\$17,605.20	\$88.08	\$140.00	\$90.00	\$18,360.00
23	STORM SEWER PUMPING (EXIST.) (24" OR LESS)	590	LF	\$1.70	\$1,003.00	\$3.00	\$1,770.00	\$1.60	\$944.00	\$2.70	\$4.00	\$4.50	\$2,655.00
24	STORM SEWER PUMPING (EXIST.) (>24" TO 48")	375	LF	\$1.90	\$712.50	\$4.00	\$1,500.00	\$1.70	\$637.50	\$3.15	\$6.00	\$5.00	\$1,875.00
25	PIPE GUIDERAIL (STEEL)	324	LF	\$35.70	\$11,566.80	\$50.00	\$16,200.00	\$49.90	\$16,167.60	\$46.90	\$40.00	\$52.00	\$16,848.00
26	CONCRETE CURB & GUTTER (TYPE F)	888	LF	\$11.20	\$9,945.60	\$16.00	\$14,208.00	\$19.90	\$17,671.20	\$17.28	\$16.00	\$22.00	\$19,536.00
27	ENGRAVING OF CURB FACE	4	EA	\$378.00	\$1,512.00	\$250.00	\$1,000.00	\$134.00	\$536.00	\$226.75	\$250.00	\$145.00	\$580.00
28	CONCRETE SIDEWALK (6" THICK )	646	SY	\$28.80	\$18,604.80	\$30.00	\$19,380.00	\$34.90	\$22,545.40	\$30.18	\$25.00	\$27.00	\$17,442.00
29	SODDING	650	SY	\$4.20	\$2,730.00	\$3.50	\$2,275.00	\$8.60	\$5,590.00	\$5.08	\$2.00	\$4.03	\$2,619.50
	<b>TOTAL REGULAR ROADWAY ITEMS</b>				\$352,359.45		\$435,111.00		\$443,663.40				\$515,131.55



**ATLANTIC AVENUE &  
JOG ROAD INTERSECTION  
P.B.C. PROJECT NUMBER: 2006604**

**Attachment 5**

J. W. CHEATHAM, LLC

CHARLES S. WHITESIDE, INC.

RANGER CONSTRUCTION  
INDUSTRIES, INC.

AVERAGE OF  
BID ITEMS

ENGINEERS'  
ESTIMATE

HARDRIVES, INC.

	ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT
	<b>CONTINGENCY ITEMS</b>												
30	CLASS I CONCRETE (MISCELLANEOUS)	10	CY	\$173.00	\$1,730.00	\$350.00	\$3,500.00	\$214.00	\$2,140.00	\$221.75	\$350.00	\$150.00	\$1,500.00
31	FLOWABLE FILL	10	CY	\$180.00	\$1,800.00	\$200.00	\$2,000.00	\$267.00	\$2,670.00	\$201.75	\$150.00	\$160.00	\$1,600.00
32	STORM SEWER CLEANING (EXISTING) (24" OR LESS) (SEE S.P.)	280	LF	\$3.85	\$1,078.00	\$3.00	\$840.00	\$2.70	\$756.00	\$3.51	\$4.00	\$4.50	\$1,260.00
33	STORM SEWER CLEANING (EXISTING) (>24" TO 48") (SEE S.P.)	375	LF	\$5.15	\$1,931.25	\$4.00	\$1,500.00	\$4.50	\$1,687.50	\$4.66	\$6.00	\$5.00	\$1,875.00
34	CHANGEABLE (VARIABLE MESSAGE) SIGN (NON-MOT)	10	ED	\$20.00	\$200.00	\$35.00	\$350.00	\$32.10	\$321.00	\$29.28	\$108.00	\$30.00	\$300.00
35	TRAFFIC CONTROL OFFICER (NON-MOT)	60	MH	\$50.00	\$3,000.00	\$55.00	\$3,300.00	\$65.20	\$3,912.00	\$56.30	\$61.00	\$55.00	\$3,300.00
36	ADJUST VALVE BOX (INCLUDE CONCRETE COLLAR)	5	EA	\$275.00	\$1,375.00	\$250.00	\$1,250.00	\$272.00	\$1,360.00	\$274.25	\$400.00	\$300.00	\$1,500.00
37	ADJUST/RELOCATE 12" FORCEMAIN	200	LF	\$146.00	\$29,200.00	\$30.00	\$6,000.00	\$139.00	\$27,800.00	\$110.00	\$100.00	\$125.00	\$25,000.00
	<b>TOTAL CONTINGENCY ITEMS</b>				\$40,314.25		\$18,740.00		\$40,646.50				\$36,335.00
	<b>PBC WATER UTILITIES PAY ITEMS</b>												
38	PBCWUD WATER MAIN EXTENSION	1	LS	\$16,821.00	\$16,821.00	\$11,500.00	\$11,500.00	\$14,500.00	\$14,500.00	\$14,705.25	\$8,000.00	\$16,000.00	\$16,000.00
	<b>TOTAL WATER UTILITIES PAY ITEMS</b>				\$16,821.00		\$11,500.00		\$14,500.00				\$16,000.00
	<b>SIGNAL PAY ITEMS</b>												
39	DIRECTIONAL BORE (LESS THAN 6" )	141	LF	\$23.25	\$3,278.25	\$22.40	\$3,158.40	\$23.00	\$3,243.00	\$23.73	\$12.00	\$26.25	\$3,701.25
40	DIRECTIONAL BORE (6" TO < 12")	383	LF	\$33.90	\$12,983.70	\$32.75	\$12,543.25	\$33.50	\$12,830.50	\$33.54	\$25.00	\$34.00	\$13,022.00
41	CONDUIT (FURNISH & INSTALL) (UNDERGROUND)	1,974	LF	\$4.10	\$8,093.40	\$4.00	\$7,896.00	\$4.10	\$8,093.40	\$4.25	\$4.00	\$4.80	\$9,475.20
42	CABLE (SIGNAL) (FURNISH & INSTALL)	1	PI	\$4,400.00	\$4,400.00	\$4,300.00	\$4,300.00	\$4,350.00	\$4,350.00	\$7,412.50	\$3,000.00	\$16,600.00	\$16,600.00
43	SIGNALS - FIBER OPTIC CABLE (F&I) (UNDER-GRND)	706	LF	\$1.80	\$1,270.80	\$1.75	\$1,235.50	\$1.80	\$1,270.80	\$2.16	\$6.00	\$3.30	\$2,329.80
44	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	40	EA	\$524.00	\$20,960.00	\$500.00	\$20,000.00	\$517.00	\$20,680.00	\$510.25	\$300.00	\$500.00	\$20,000.00
45	PULL AND JUNCTION BOXES (F&I) (MOUNTED)	3	EA	\$504.00	\$1,512.00	\$485.00	\$1,455.00	\$497.00	\$1,491.00	\$475.25	\$900.00	\$415.00	\$1,245.00
46	PULL AND JUNCTION BOXES (F&I) (FIBER OPTIC)	4	EA	\$1,198.00	\$4,792.00	\$1,155.00	\$4,620.00	\$1,180.00	\$4,720.00	\$1,219.50	\$925.00	\$1,345.00	\$5,380.00
47	ELECTRICAL SERVICE WIRE	270	LF	\$1.40	\$378.00	\$1.35	\$364.50	\$1.40	\$378.00	\$1.70	\$2.00	\$2.65	\$715.50
48	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MNT)	1	EA	\$1,398.00	\$1,398.00	\$1,350.00	\$1,350.00	\$1,380.00	\$1,380.00	\$1,682.00	\$400.00	\$2,600.00	\$2,600.00
49	STEEL MAST ARM ASSEMBLY (F&I) (150 MPH) (70.5')	1	EA	\$35,310.00	\$35,310.00	\$34,000.00	\$34,000.00	\$34,900.00	\$34,900.00	\$35,802.50	\$25,000.00	\$39,000.00	\$39,000.00
50	STEEL MAST ARM ASSEMBLY (F&I) (150 MPH) (78')	3	EA	\$39,837.00	\$119,511.00	\$38,500.00	\$115,500.00	\$39,400.00	\$118,200.00	\$39,484.25	\$27,500.00	\$40,200.00	\$120,600.00
51	STEEL MAST ARM ASSEMBLY (F&I) (150 MPH) (70.5') (W/ LUMINAIRE)	3	EA	\$40,280.00	\$120,840.00	\$38,900.00	\$116,700.00	\$39,800.00	\$119,400.00	\$39,999.75	\$30,000.00	\$41,019.00	\$123,057.00
52	STEEL MAST ARM ASSEMBLY (F&I) (150 MPH) (68') (W/ LUMINAIRE)	1	EA	\$41,000.00	\$41,000.00	\$39,500.00	\$39,500.00	\$40,600.00	\$40,600.00	\$40,525.00	\$37,500.00	\$41,000.00	\$41,000.00
53	SIGNAL TRAFFIC (F&I) (3 SECTION- 1 WAY) (STD)	26	AS	\$810.00	\$21,060.00	\$780.00	\$20,280.00	\$801.00	\$20,826.00	\$782.00	\$750.00	\$737.00	\$19,162.00
54	SIGNAL TRAFFIC (F&I) (5 SECTION- 1 WAY) (STD)	3	AS	\$1,175.00	\$3,525.00	\$1,135.00	\$3,405.00	\$1,160.00	\$3,480.00	\$1,200.00	\$1,100.00	\$1,330.00	\$3,990.00
55	SGNL PED (F&I) (LED-COUNT DWN) (1 DIRECTION)	2	AS	\$584.00	\$1,168.00	\$565.00	\$1,130.00	\$577.00	\$1,154.00	\$582.75	\$750.00	\$605.00	\$1,210.00
56	SGNL PED (RELOCATE)	6	AS	\$104.00	\$624.00	\$100.00	\$600.00	\$103.00	\$618.00	\$134.75	\$60.00	\$232.00	\$1,392.00
57	SGNL HEAD AUX. (F&I) (BACK PLATES, 3 SECT.)	26	EA	\$67.00	\$1,742.00	\$65.00	\$1,690.00	\$66.10	\$1,718.60	\$85.28	\$120.00	\$143.00	\$3,718.00

**ATLANTIC AVENUE &  
JOG ROAD INTERSECTION  
P.B.C. PROJECT NUMBER: 2006604**

**Attachment 5**

**J. W. CHEATHAM, LLC**

**CHARLES S. WHITESIDE, INC.**

**RANGER CONSTRUCTION  
INDUSTRIES, INC.**

**AVERAGE OF  
BID ITEMS**

**ENGINEERS'  
ESTIMATE**

**HARDRIVES, INC.**

ITEM DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT			UNIT PRICE	AMOUNT
58 SGNL HEAD AUX. (F&I) (TUNNEL VISOR)	93	EA	\$1.35	\$125.55	\$1.30	\$120.90	\$1.30	\$120.90	\$1.54	\$10.00	\$2.20	\$204.60
59 SGNL HEAD AUX. (F&I) (ALUM. PEDESTAL)	2	EA	\$772.00	\$1,544.00	\$750.00	\$1,500.00	\$764.00	\$1,528.00	\$850.25	\$750.00	\$1,115.00	\$2,230.00
60 SGNL HEAD AUX. (F&I) (BACK PLATES, 5 SECT.)	3	EA	\$117.00	\$351.00	\$115.00	\$345.00	\$115.00	\$345.00	\$149.25	\$175.00	\$250.00	\$750.00
61 SIGNAL HEAD AUX. (RELOCATED)(ALUM. PEDESTAL)	3	EA	\$461.00	\$1,383.00	\$450.00	\$1,350.00	\$456.00	\$1,368.00	\$526.00	\$325.00	\$737.00	\$2,211.00
62 VEHICLE DETECTOR ASSEMBLY (OPTICAL TYPE)	8	EA	\$5,862.00	\$46,896.00	\$5,650.00	\$45,200.00	\$5,800.00	\$46,400.00	\$5,988.00	\$5,000.00	\$6,640.00	\$53,120.00
63 DETECTOR PED (F&I) (DETECTOR W/POST & SIGN)	2	EA	\$196.00	\$392.00	\$200.00	\$400.00	\$193.00	\$386.00	\$211.00	\$110.00	\$255.00	\$510.00
64 DETECTOR PED (RELOCATE)	6	EA	\$39.00	\$234.00	\$40.00	\$240.00	\$38.60	\$231.60	\$79.90	\$100.00	\$202.00	\$1,212.00
65 CNTL ASSEM ACT SS F&I SPECIAL	1	EA	\$31,000.00	\$31,000.00	\$30,000.00	\$30,000.00	\$30,700.00	\$30,700.00	\$29,850.00	\$25,000.00	\$27,700.00	\$27,700.00
66 SYS AUX (UNINTERRUPTIBLE PWR SOURCE)	1	EA	\$6,315.00	\$6,315.00	\$6,100.00	\$6,100.00	\$6,250.00	\$6,250.00	\$6,171.75	\$385.00	\$6,022.00	\$6,022.00
67 SYS AUX (TELEMETRY TRANSCIEVER)	1	EA	\$456.00	\$456.00	\$450.00	\$450.00	\$451.00	\$451.00	\$885.50	\$1,710.00	\$2,185.00	\$2,185.00
68 SYS AUX (UNIVERSAL ADAPTOR)	1	EA	\$260.00	\$260.00	\$250.00	\$250.00	\$257.00	\$257.00	\$466.75	\$1,400.00	\$1,100.00	\$1,100.00
69 SYS AUX (INTERFACE PANEL)	1	EA	\$611.00	\$611.00	\$590.00	\$590.00	\$605.00	\$605.00	\$884.50	\$370.00	\$1,732.00	\$1,732.00
70 SIGNAL HEAD TRAFFIC ASSEMBLY REMOVAL	26	EA	\$26.00	\$676.00	\$25.00	\$650.00	\$25.70	\$668.20	\$40.18	\$26.00	\$84.00	\$2,184.00
71 SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	2	EA	\$26.00	\$52.00	\$25.00	\$50.00	\$25.70	\$51.40	\$31.68	\$22.00	\$50.00	\$100.00
72 SIGNAL PEDESTAL REMOVAL	1	EA	\$26.00	\$26.00	\$25.00	\$25.00	\$25.70	\$25.70	\$69.18	\$22.00	\$200.00	\$200.00
73 POLE REMOVAL (DEEP DIRECT BURIAL)	3	EA	\$1,852.00	\$5,556.00	\$1,800.00	\$5,400.00	\$1,830.00	\$5,490.00	\$1,918.00	\$300.00	\$2,190.00	\$6,570.00
74 CNTRL ASSEM REMOVE	1	EA	\$208.00	\$208.00	\$200.00	\$200.00	\$206.00	\$206.00	\$253.50	\$205.00	\$400.00	\$400.00
75 DETECTOR VEHICLE ASSEMBLY REMOVE	22	EA	\$11.00	\$242.00	\$10.00	\$220.00	\$10.30	\$226.60	\$41.08	\$14.80	\$133.00	\$2,926.00
76 DETECTOR PEDESTRIAN ASSEMBLY REMOVE	1	EA	\$13.00	\$13.00	\$12.50	\$12.50	\$12.80	\$12.80	\$22.08	\$15.00	\$50.00	\$50.00
77 SPAN WIRE ASSEMBLY REMOVE	1	EA	\$936.00	\$936.00	\$900.00	\$900.00	\$926.00	\$926.00	\$840.50	\$260.00	\$600.00	\$600.00
78 SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	1	PI	\$780.00	\$780.00	\$750.00	\$750.00	\$772.00	\$772.00	\$708.00	\$310.00	\$530.00	\$530.00
79 SIGN, INTERNAL ILLUM (ST NAME)	4	EA	\$2,667.00	\$10,668.00	\$2,600.00	\$10,400.00	\$2,640.00	\$10,560.00	\$2,565.50	\$2,500.00	\$2,355.00	\$9,420.00
80 SIGN PANELS (F&I) (15 OR <)	6	EA	\$493.00	\$2,958.00	\$475.00	\$2,850.00	\$487.00	\$2,922.00	\$468.25	\$125.00	\$418.00	\$2,508.00
<b>TOTAL SIGNAL ITEMS</b>				\$515,528.70		\$497,731.05		\$509,836.50				\$552,662.35
<b>TOTAL BID</b>				\$925,023.40		\$963,082.05		\$1,008,646.40				\$1,120,128.90

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

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

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

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

CONTRACTOR IS RESPONSIBLE FOR "TRENCH SAFETY COMPLIANCE" IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND GENERAL PROVISION Sect. 125-1.1.

SODDING - SHALL BE IN ACCORDANCE WITH SECTION 575 OF THE GENERAL PROVISIONS OF THIS SPECIFICATION.

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

**NOTES:**

+ Indicates a discrepancy/error in the item.

Working days to complete project: 210 calendar days and other terms as called for in the Special Provisions Bids as read at opening of Wednesday, June 12, 2012; 2PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Joseph M. Totino, Project Coordinator II

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

INTEROFFICE COMMUNICATION  
PALM BEACH COUNTY WATER UTILITIES DEPARTMENT

BUDGET AVAILABILITY STATEMENT

DATE: July 9, 2012

TO: Maureen Phillips, Secretary  
Department of Engineering and Public Works Roadway Section

FROM: Guy Eggertsson, Fiscal Manager 1  
Water Utilities Department *Guy Eggertsson*

RE: Atlantic Avenue and Jog Road Intersection Improvements Utility Work  
P.B.CO Project #2006604

FISCAL IMPACT ANALYSIS:

Summary of Fiscal Impact:

Is item included in current budget? Yes  No

Budget Account Number:

Fund	Agency	Organization	Object	Amount
4001	720	2460	4615	\$16,821.00

Sources of Funds:

User fees

C: Duane Palumbo