



**II. FISCAL IMPACT ANALYSIS**

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

Fiscal Years	2016	2017	2018	2019	2020
Capital Expenditures	\$9,024,135	-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>\$9,024,135</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 3504	Dept 361	Unit 1337	Object 6551/6555	\$1,341,939.30
Fund 3504	Dept 361	Unit 1325	Object 6551/6555	\$7,604,322.70
Fund 4011	Dept 721	Unit W007	Object 6543	\$ 77,873.00

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

Road Impact Fee Zone-4 Fund  
 Haverhill Rd/Lantana Rd to L-14 Canal  
 Haverhill Rd/S. of LWDD L-14 Canal to Lake Worth Road

	Total	15% 2009602/1337	85% 2010503/1325
Construction Contract	\$7,444,791.05	\$1,116,718.66	\$6,328,072.39
Contingency	\$ 223,343.95	\$ 33,501.59	\$ 189,842.36
Testing Lab	\$ 46,000.00	\$ 6,900.00	\$ 39,100.00
Traffic Signals, Paving	\$ 632,700.00	\$ 94,905.00	\$ 537,795.00
Streetscape, Irrigation, Sod	\$ 3,500.00	\$ 525.00	\$ 2,975.00
Staff Costs -			
Roadway Production	\$ 148,900.00	\$ 22,335.00	\$ 126,565.00
Survey Section	\$ 74,400.00	\$ 11,160.00	\$ 63,240.00
Construction Coordination	\$ 298,000.00	\$ 44,700.00	\$ 253,300.00
Traffic	\$ 152,500.00	\$ 22,875.00	\$ 129,625.00
<b>Fiscal Impact</b>	<b>\$9,024,135.00</b>	<b>\$1,353,620.25</b>	<b>\$7,670,514.75</b>
Less Water Utility	\$ 77,873.00	\$ 11,680.95	\$ 66,192.05
	\$8,946,262.00	\$1,341,939.30	\$7,604,322.70

C. Departmental Fiscal Review: Alicia Koralanin

**III. REVIEW COMMENTS**

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

[Signature] 9/15/16  
 OFMB 9/13 9/14/16

[Signature] 9/21/16  
 Contract Dev. and Control

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

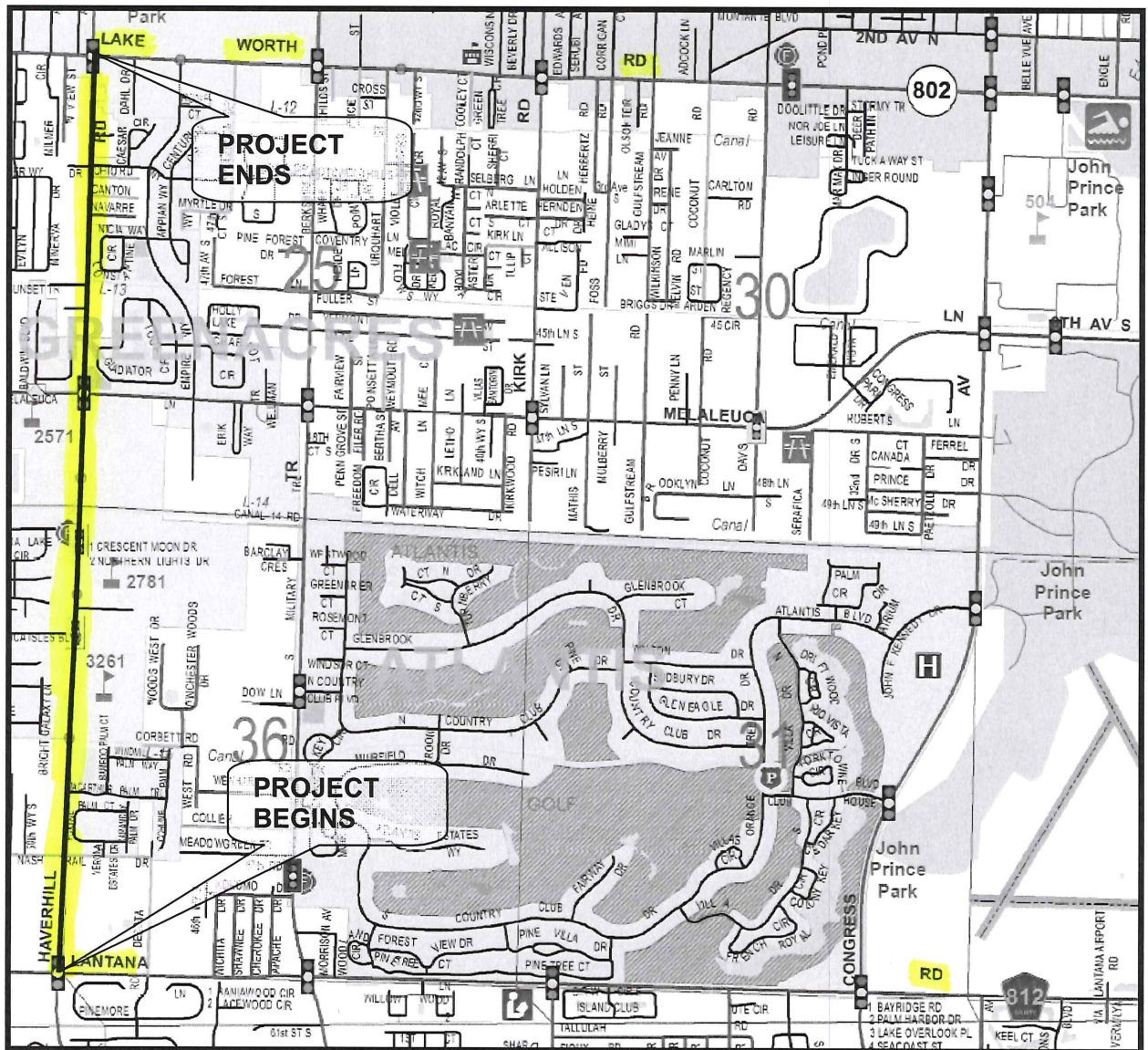
[Signature] 9/21/16  
 Assistant County Attorney

**C. Other Department Review:**

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

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

**PROJECT LOCATION  
HAVERHILL ROAD FROM  
LANTANA ROAD TO  
LAKE WORTH ROAD  
PALM BEACH COUNTY PROJECT NO. 2009602**



**LOCATION MAP**

**CONTRACT**

STATE OF FLORIDA )

Attachment 3

) SS

Page 1 of 2

COUNTY OF PALM BEACH )

This Contract, made this \_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter "County"), and \_\_\_\_\_, Florida, and their heirs, executors, administrators and assigns, (hereinafter "Contractor"):

WITNESSETH: The Contractor agrees with the County, 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: HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND HAVERHILL ROAD, S.OF LWDD L-14 CANAL TO LAKE WORTH ROAD**

**PROJECT NOS.: 2009602 & 2010503**

IN THE AMOUNT OF: **SEVEN MILLION, FOUR HUNDRED FORTY FOUR THOUSAND SEVEN HUNDRED NINETY ONE DOLLARS 05/100**

(IN WORDS)

\$7,444,791.05  
(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 County, or its duly authorized representative.

The Contractor 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 (425) 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: \_\_\_\_\_  
Mary Lou Berger, Mayor

\_\_\_\_\_  
APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY

\* Donela A. Fernandez  
APPROVED AS TO TERMS  
AND CONDITIONS

S. M. Mousavi  
(witness signature)

J.W. Cheatham, LLC  
(Corporate Name)

Seyed M. Mousavi  
(witness name printed)

a Florida corporation  
(insert state of incorporation)

[Signature]  
(witness signature)

By Thomas P. Uhrig  
(signature)

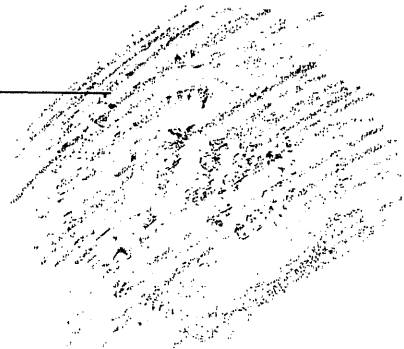
Mike Damron  
(witness name printed)

Thomas P. Uhrig  
(print signatory's name)

Its President  
(print title)

\_\_\_\_\_  
(date)

\_\_\_\_\_  
(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



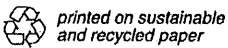
**Palm Beach County  
Board of County  
Commissioners**

- Mary Lou Berger, Mayor
- Hal R. Valeche, Vice Mayor
- Paulette Burdick
- Shelley Vana
- Steven L. Abrams
- Melissa McKinlay
- Priscilla A. Taylor

**County Administrator**

Verdenia C. Baker

"An Equal Opportunity  
Affirmative Action Employer"



**DATE:** August 5, 2016

**TO:** Donna Lewis, Technical Assistant III  
Roadway Production Division

**THROUGH:** Tonya Davis Johnson, Director *T. Johnson*  
Office of Small Business Assistance

**FROM:** Angela D. Smith, Small Business Development Specialist II  
Office of Small Business Assistance *ADS*

**SUBJECT:** **Compliance Review on Project No. 2009602 & 2010503  
Haverhill Road, Lantana Road to S. of LWDD L-14 Canal  
and Haverhill Road, S. of LWDD L-14 Cnala to Lake Worth  
Road**

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was July 26, 2016. SBE participation is calculated on the amount less contingency.

**1<sup>st</sup> Lowest Bidder:** J. W. Cheatham , LLC.  
7396 Westport Place  
West Palm Beach, FL 33413

**Phone:** 561-471-4100

**Bid Amount:** \$7,444,791.05

**Amount less Contingency:** \$7,366,339.55

**Goal:** 15% Overall

**Goal Achieved:** 15.9%

**SBE Participation:**

(SB)Drawdy Construction Co., Inc.	\$1,057,053.50	14.34%
(WB)Agricultural Land Services, Inc.	43,100.64	.58%
(SB)FRS & Associates, Inc.	74,550.00	1.01%
	<u>\$1,174,704.14</u>	<u>15.93%</u>

**2<sup>nd</sup> Lowest Bidder:** Engecon Construction, Inc.  
2290 10<sup>th</sup> Avenue. N., Suite #408  
Lake Worth, FL 33461

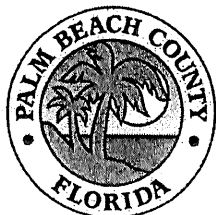
**Phone:** 561-585-1565

**Bid Amount:** \$7,838,141.00

**Amount less Contingency:** \$7,762,568.50

**Goal:** 15% Overall

**Goal Achieved:** 50%



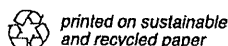
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Shelley Vana  
Steven L. Abrams  
Melissa McKinlay  
Priscilla A. Taylor

**County Administrator**  
  
Verdenia C. Baker

"An Equal Opportunity  
Affirmative Action Employer"



**SBE Participation:**

(SB)Engecon Construction, Inc.<sup>1</sup> 3,920,007.70 50 %

3<sup>rd</sup> Lowest Bidder: Community Asphalt Corp.  
7795 Hooper Road  
West Palm Beach, FL 33411  
Phone: 561-790-6467  
Bid Amount: \$8,696,113.80  
Amount less Contingency: \$8,557,438.80  
Goal: 15% Overall  
Goal Achieved: 15.6%

**SBE Participation:**

(MB)O.C. Unlimited	\$319,738.75	3.73%
(SB)Superior Waterway Svcs.	14,457.16	.16%
(SB)Pathway Enterprises	920,350.51	10.75%
(WB)Agricultural Land Services	43,100.65	.50%
(SB)Treecycle Land Clearing, Inc.	44,500.00	.52%
	<u>\$1,342,147.07</u>	<u>15.6%</u>

4<sup>th</sup> Lowest Bidder: Ranger Construction Industries, Inc.  
101 Sansbury's Way  
West Palm Beach, FL 33411  
Phone: 561-793-9400  
Bid Amount: \$9,150,023.15  
Amount less Contingency: \$9,052,833.45  
Goal: 15%  
Goal Achieved: 23.4%

**SBE Participation:**

(WB)Agricultural Land Svcs., Inc.	\$ 43,100.64	.47%
(SB)Drawdy Construction Co., Inc.	1,057,053.50	11.67%
(SB)FRS & Associates, Inc.	74,550.00	.82%
(SB)J. Rawn Enterprises, Inc.	123,760.00	1.36%
(SB)Treecycle Land Clearing, Inc.	44,000.00	.48%
(SB)Wm. D. Adeimy, Jr., Inc.	<u>784,791.25</u>	<u>8.66%</u>
	<u>\$2,127,255.39</u>	<u>23.46%</u>

**EVALUATION:**

All of the bidders were responsive to the SBE goal for this project. However, the 2<sup>nd</sup> lowest bidder, **Engecon Construction Inc.**, has the greatest SBE participation for this project.

<sup>1</sup> Engecon Construction, Inc., a certified SBE does not include sodding as a part of their SBE services with OSBA. Therefore, \$10,350.00 will be deducted from their total of \$3,930,357.70, bringing their total price participation to \$3,920,007.70.

HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND  
HAVERHILL ROAD, S. OF LWDD L-14 CANAL TO LAKE WORTH ROAD  
PBC PROJECT #2009602 & 2010503

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS		ENGINEERS ESTIMATE		J.W. Cheatham, LLC		Engecon Construction, Inc.		Community Asphalt Corp.		Ranger Construction Industries	
				UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
<b>ROADWAY ITEMS</b>															
1	Mobilization	1	LS	\$ 661,687.50	\$ 540,000.00	\$ 582,000.00	\$ 582,000.00	\$ 780,000.00	\$ 780,000.00	\$ 266,350.00	\$ 266,350.00	\$ 1,018,400.00	\$ 1,018,400.00		
2	Maintenance of Traffic ( incl. Pedestrian M.O.T. )	1	LS	\$ 429,000.00	\$ 540,000.00	\$ 251,000.00	\$ 251,000.00	\$ 198,000.00	\$ 198,000.00	\$ 750,000.00	\$ 750,000.00	\$ 517,000.00	\$ 517,000.00		
3	Clearing and Grubbing	1	LS	\$ 422,475.00	\$ 540,000.00	\$ 412,900.00	\$ 412,900.00	\$ 380,000.00	\$ 380,000.00	\$ 710,000.00	\$ 710,000.00	\$ 187,000.00	\$ 187,000.00		
4	Floating Turbidity Barrier	405	LF	\$ 14.38	\$ 16.46	\$ 10.00	\$ 4,050.00	\$ 18.00	\$ 7,290.00	\$ 15.10	\$ 6,115.50	\$ 14.40	\$ 5,832.00		
5	Regular Excavation	11,877	CY	\$ 12.59	\$ 11.07	\$ 20.00	\$ 237,540.00	\$ 7.00	\$ 83,139.00	\$ 11.60	\$ 137,773.20	\$ 11.75	\$ 139,554.75		
6	Pond Excavation (See SP's)	69,636	CY	\$ 5.88	\$ 11.07	\$ 1.25	\$ 87,045.00	\$ 7.00	\$ 487,452.00	\$ 7.00	\$ 487,452.00	\$ 8.25	\$ 574,497.00		
7	Embankment (Compacted in Place)	3,796	CY	\$ 13.45	\$ 14.61	\$ 20.00	\$ 75,920.00	\$ 12.00	\$ 45,552.00	\$ 14.20	\$ 53,903.20	\$ 7.60	\$ 28,849.60		
8	Type B Stabilization (LBR 40) (12")	16,258	SY	\$ 7.11	\$ 6.77	\$ 7.00	\$ 113,806.00	\$ 8.65	\$ 140,631.70	\$ 5.10	\$ 82,915.80	\$ 7.70	\$ 125,186.60		
9	Optional Base Group 1	300	SY	\$ 22.50	\$ 16.03	\$ 7.00	\$ 2,100.00	\$ 22.00	\$ 6,600.00	\$ 13.00	\$ 3,900.00	\$ 48.00	\$ 14,400.00		
10	Optional Base Group 7	14,246	SY	\$ 15.21	\$ 35.99	\$ 14.00	\$ 199,444.00	\$ 18.00	\$ 256,428.00	\$ 15.40	\$ 219,388.40	\$ 13.45	\$ 191,608.70		
11	Optional Base Group 13	12,874	SY	\$ 22.28	\$ 51.70	\$ 19.25	\$ 247,824.50	\$ 27.00	\$ 347,598.00	\$ 21.70	\$ 279,365.80	\$ 21.15	\$ 272,285.10		
12	Mill Existing Asphalt Pavement 1" Minimum Depth	65,576	SY	\$ 2.29	\$ 2.02	\$ 2.15	\$ 140,988.40	\$ 2.30	\$ 150,824.80	\$ 2.40	\$ 157,382.40	\$ 2.30	\$ 150,824.80		
13	Mill Existing Asphalt Pavement 1-5/8" Depth	2,628	SY	\$ 4.28	\$ 2.02	\$ 5.00	\$ 13,140.00	\$ 3.50	\$ 9,198.00	\$ 3.45	\$ 9,066.60	\$ 5.15	\$ 13,534.20		
14	Superpave Asphalt Concrete (Traffic Level C)(1.5")(SP-12.5)	2,583	TN	\$ 98.75	\$ 174.93	\$ 86.00	\$ 222,138.00	\$ 104.00	\$ 268,632.00	\$ 101.00	\$ 260,883.00	\$ 104.00	\$ 268,632.00		
15	Type SP Asphalt Concrete Overbuild (Traffic C)	3,923	TN	\$ 107.75	\$ 174.93	\$ 116.00	\$ 455,068.00	\$ 103.00	\$ 404,069.00	\$ 109.00	\$ 427,607.00	\$ 103.00	\$ 404,069.00		
16	Asph. Concrete Friction Course ( 1-5/8" ) ( FC-12.5 ) (Rubber)	280	TN	\$ 153.75	\$ 92.44	\$ 158.00	\$ 44,240.00	\$ 138.00	\$ 38,640.00	\$ 139.00	\$ 38,920.00	\$ 180.00	\$ 50,400.00		
17	Asph. Concrete Friction Course ( 1.0" ) ( FC-9.5 ) Rubber	5,319	TN	\$ 129.65	\$ 108.82	\$ 124.00	\$ 659,556.00	\$ 132.00	\$ 702,108.00	\$ 129.00	\$ 686,151.00	\$ 133.60	\$ 710,618.40		
18	Class II Concrete (Endwalls)	28	CY	\$ 1,473.75	\$ 1,030.08	\$ 1,510.00	\$ 42,280.00	\$ 1,500.00	\$ 42,000.00	\$ 1,025.00	\$ 28,700.00	\$ 1,860.00	\$ 52,080.00		
19	Class I Concrete (Gravity Wall)	32	CY	\$ 543.75	\$ 731.03	\$ 500.00	\$ 16,000.00	\$ 455.00	\$ 14,560.00	\$ 700.00	\$ 22,400.00	\$ 520.00	\$ 16,640.00		
20	Control Structures	5	EA	\$ 11,584.25	\$ 7,046.50	\$ 11,232.00	\$ 56,160.00	\$ 10,500.00	\$ 52,500.00	\$ 10,805.00	\$ 54,025.00	\$ 13,800.00	\$ 69,000.00		
21	Inlets ( Curb ) ( Type P-3 )	1	EA	\$ 6,768.75	\$ 4,723.65	\$ 6,250.00	\$ 6,250.00	\$ 5,850.00	\$ 5,850.00	\$ 7,295.00	\$ 7,295.00	\$ 7,680.00	\$ 7,680.00		
22	Inlets ( Curb ) ( Type P-4 )	2	EA	\$ 7,708.75	\$ 4,930.65	\$ 7,470.00	\$ 14,940.00	\$ 7,000.00	\$ 14,000.00	\$ 7,185.00	\$ 14,370.00	\$ 9,180.00	\$ 18,360.00		
23	Inlets ( Curb ) ( Type P-5 )	5	EA	\$ 5,768.75	\$ 5,056.71	\$ 5,100.00	\$ 25,500.00	\$ 4,800.00	\$ 24,000.00	\$ 6,915.00	\$ 34,575.00	\$ 6,260.00	\$ 31,300.00		
24	Inlets ( Curb ) ( Type P-5 ) ( Partial )	8	EA	\$ 3,893.75	\$ 3,551.15	\$ 3,900.00	\$ 31,200.00	\$ 3,700.00	\$ 29,600.00	\$ 3,185.00	\$ 25,480.00	\$ 4,790.00	\$ 38,320.00		
25	Inlets ( Curb ) ( Type P-6 )	5	EA	\$ 6,363.75	\$ 6,911.00	\$ 5,730.00	\$ 28,650.00	\$ 5,500.00	\$ 27,500.00	\$ 7,185.00	\$ 35,925.00	\$ 7,040.00	\$ 35,200.00		
26	Inlets ( Curb ) ( Type P-6 ) >10'	1	EA	\$ 7,480.00	\$ 6,983.33	\$ 6,700.00	\$ 6,700.00	\$ 6,250.00	\$ 6,250.00	\$ 8,750.00	\$ 8,750.00	\$ 8,220.00	\$ 8,220.00		
27	Inlets ( Curb ) ( Type P-6 ) ( Partial )	5	EA	\$ 4,545.00	\$ 6,075.00	\$ 4,455.00	\$ 22,275.00	\$ 4,150.00	\$ 20,750.00	\$ 4,105.00	\$ 20,525.00	\$ 5,470.00	\$ 27,350.00		
28	Inlets ( Curb ) ( Type J-4 )	1	EA	\$ 12,131.25	\$ 5,824.46	\$ 10,560.00	\$ 10,560.00	\$ 10,800.00	\$ 10,800.00	\$ 12,965.00	\$ 12,965.00	\$ 14,200.00	\$ 14,200.00		
29	Inlets ( Curb ) ( Type J-6 )	1	EA	\$ 8,517.50	\$ 7,648.00	\$ 7,565.00	\$ 7,565.00	\$ 7,050.00	\$ 7,050.00	\$ 10,155.00	\$ 10,155.00	\$ 9,300.00	\$ 9,300.00		
30	Inlets ( Ditch Bottom ) ( Type C )	3	EA	\$ 2,363.75	\$ 2,986.35	\$ 2,030.00	\$ 6,090.00	\$ 1,900.00	\$ 5,700.00	\$ 3,025.00	\$ 9,075.00	\$ 2,500.00	\$ 7,500.00		
31	Inlets ( Ditch Bottom ) ( Type C ) ( Modified )	1	EA	\$ 2,590.00	\$ 5,306.65	\$ 2,340.00	\$ 2,340.00	\$ 2,180.00	\$ 2,180.00	\$ 2,970.00	\$ 2,970.00	\$ 2,870.00	\$ 2,870.00		
32	Manhole ( Type P-7 )	9	EA	\$ 4,651.25	\$ 4,176.43	\$ 4,220.00	\$ 37,980.00	\$ 4,225.00	\$ 38,025.00	\$ 4,970.00	\$ 44,730.00	\$ 5,190.00	\$ 46,710.00		
33	Manhole ( Type P-7 ) >10'	3	EA	\$ 5,455.00	\$ 4,436.75	\$ 4,665.00	\$ 13,995.00	\$ 4,400.00	\$ 13,200.00	\$ 7,025.00	\$ 21,075.00	\$ 5,730.00	\$ 17,190.00		
34	Manhole ( Type P-7 ) ( Partial )	5	EA	\$ 2,967.50	\$ 1,952.71	\$ 2,755.00	\$ 13,775.00	\$ 2,600.00	\$ 13,000.00	\$ 3,135.00	\$ 15,675.00	\$ 3,380.00	\$ 16,900.00		
35	Manhole ( Type J-7 )	1	EA	\$ 9,018.75	\$ 8,144.35	\$ 8,780.00	\$ 8,780.00	\$ 8,175.00	\$ 8,175.00	\$ 8,320.00	\$ 8,320.00	\$ 10,800.00	\$ 10,800.00		
36	Manhole ( Type J-7 ) >10'	1	EA	\$ 12,977.50	\$ 19,043.63	\$ 10,605.00	\$ 10,605.00	\$ 10,800.00	\$ 10,800.00	\$ 16,205.00	\$ 16,205.00	\$ 14,300.00	\$ 14,300.00		
37	Adjust Inlets	2	EA	\$ 2,497.50	\$ 1,813.88	\$ 2,480.00	\$ 4,960.00	\$ 2,300.00	\$ 4,600.00	\$ 2,160.00	\$ 4,320.00	\$ 3,050.00	\$ 6,100.00		
38	Adjust Manholes	8	EA	\$ 674.50	\$ 834.52	\$ 735.00	\$ 5,880.00	\$ 685.00	\$ 5,480.00	\$ 378.00	\$ 3,024.00	\$ 900.00	\$ 7,200.00		
39	Yard Drains	1	EA	\$ 1,682.50	\$ 3,150.71	\$ 1,545.00	\$ 1,545.00	\$ 1,450.00	\$ 1,450.00	\$ 1,835.00	\$ 1,835.00	\$ 1,900.00	\$ 1,900.00		
40	Modify Existing Drainage Structure	1	EA	\$ 1,885.00	\$ 3,262.92	\$ 1,360.00	\$ 1,360.00	\$ 1,270.00	\$ 1,270.00	\$ 3,240.00	\$ 3,240.00	\$ 1,670.00	\$ 1,670.00		
41	Concrete Pipe Culvert ( 15" )	230	LF	\$ 48.75	\$ 38.48	\$ 43.00	\$ 9,890.00	\$ 45.00	\$ 10,350.00	\$ 54.00	\$ 12,420.00	\$ 53.00	\$ 12,190.00		



HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND  
HAVERHILL ROAD, S. OF LWDD L-14 CANAL TO LAKE WORTH ROAD  
PBC PROJECT #2009602 & 2010503

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS		ENGINEERS ESTIMATE	J.W. Cheatham, LLC		Engecon Construction, Inc.		Community Asphalt Corp.		Ranger Construction Industries	
				UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
42	Concrete Pipe Culvert ( 18" )	1,550	LF	\$ 65.85	\$ 88.68	\$ 57.00	\$ 88,350.00	\$ 50.00	\$ 77,500.00	\$ 86.40	\$ 133,920.00	\$ 70.00	\$ 108,500.00	
43	Concrete Pipe Culvert ( 24" )	1,235	LF	\$ 73.25	\$ 70.03	\$ 66.00	\$ 81,510.00	\$ 65.00	\$ 80,275.00	\$ 81.00	\$ 100,035.00	\$ 81.00	\$ 100,035.00	
44	Concrete Pipe Culvert ( 30" )	1,402	LF	\$ 93.75	\$ 133.50	\$ 84.00	\$ 117,768.00	\$ 85.00	\$ 119,170.00	\$ 103.00	\$ 144,406.00	\$ 103.00	\$ 144,406.00	
45	Concrete Pipe Culvert ( 36" )	99	LF	\$ 158.50	\$ 105.37	\$ 140.00	\$ 13,860.00	\$ 135.00	\$ 13,365.00	\$ 189.00	\$ 18,711.00	\$ 170.00	\$ 16,830.00	
46	Concrete Pipe Culvert ( 60" )	38	LF	\$ 326.75	\$ 430.00	\$ 287.00	\$ 10,906.00	\$ 270.00	\$ 10,260.00	\$ 400.00	\$ 15,200.00	\$ 350.00	\$ 13,300.00	
47	Storm Sewer Pumping (Exist. ( 24" Or Less ) (See SP's)	5,842	LF	\$ 3.53	\$ 5.41	\$ 2.00	\$ 11,684.00	\$ 1.50	\$ 8,763.00	\$ 8.65	\$ 50,533.30	\$ 1.95	\$ 11,391.90	
48	Storm Sewer Pumping (Exist.) (> 24" To 48") (See SP's)	2,297	LF	\$ 5.74	\$ 10.00	\$ 3.00	\$ 6,891.00	\$ 3.00	\$ 6,891.00	\$ 13.00	\$ 29,861.00	\$ 3.95	\$ 9,073.15	
49	Storm Sewer Pumping (Exist.) (>48") (See SP's)	80	LF	\$ 21.25	\$ 15.00	\$ 5.00	\$ 400.00	\$ 4.25	\$ 340.00	\$ 70.20	\$ 5,616.00	\$ 5.55	\$ 444.00	
50	Corrugated Aluminum Pipe Culvert (18")	50	LF	\$ 70.70	\$ 85.10	\$ 63.00	\$ 3,150.00	\$ 60.00	\$ 3,000.00	\$ 90.80	\$ 4,540.00	\$ 69.00	\$ 3,450.00	
51	Corrugated Aluminum Pipe Culvert (24")	80	LF	\$ 80.50	\$ 105.38	\$ 67.00	\$ 5,360.00	\$ 70.00	\$ 5,600.00	\$ 103.00	\$ 8,240.00	\$ 82.00	\$ 6,560.00	
52	Corrugated Aluminum Pipe Culvert (30")	60	LF	\$ 115.50	\$ 151.52	\$ 102.00	\$ 6,120.00	\$ 100.00	\$ 6,000.00	\$ 130.00	\$ 7,800.00	\$ 130.00	\$ 7,800.00	
53	Corrugated Aluminum Pipe Culvert (36")	30	LF	\$ 130.50	\$ 105.65	\$ 110.00	\$ 3,300.00	\$ 110.00	\$ 3,300.00	\$ 162.00	\$ 4,860.00	\$ 140.00	\$ 4,200.00	
54	Mitered End Section ( Round ) ( 18" )	2	EA	\$ 1,417.50	\$ 1,342.50	\$ 1,280.00	\$ 2,560.00	\$ 1,200.00	\$ 2,400.00	\$ 1,620.00	\$ 3,240.00	\$ 1,570.00	\$ 3,140.00	
55	French Drains (18" Dia) ( incl. Ballast Rock & Filter Fabric)	260	LF	\$ 137.25	\$ 171.40	\$ 123.00	\$ 31,980.00	\$ 125.00	\$ 32,500.00	\$ 151.00	\$ 39,260.00	\$ 150.00	\$ 39,000.00	
56	French Drains (30" Dia) ( incl. Ballast Rock & Filter Fabric)	327	LF	\$ 163.50	\$ 200.00	\$ 139.00	\$ 45,453.00	\$ 145.00	\$ 47,415.00	\$ 200.00	\$ 65,400.00	\$ 170.00	\$ 55,590.00	
57	Concrete Curb & Gutter ( Type F )	22,241	LF	\$ 18.09	\$ 28.69	\$ 16.50	\$ 366,976.50	\$ 20.00	\$ 444,820.00	\$ 17.40	\$ 386,993.40	\$ 18.45	\$ 410,346.45	
58	Engraving of Curb Face (See SP's)	16	EA	\$ 424.75	\$ 226.20	\$ 500.00	\$ 8,000.00	\$ 350.00	\$ 5,600.00	\$ 459.00	\$ 7,344.00	\$ 390.00	\$ 6,240.00	
59	Conc Sidewalk ( 4" Thick )(Includes Removal of Existing Sidewalk)	16,737	SY	\$ 37.23	\$ 48.64	\$ 35.00	\$ 585,795.00	\$ 34.00	\$ 569,058.00	\$ 39.90	\$ 667,806.30	\$ 40.00	\$ 669,480.00	
60	Conc Sidewalk ( 6"Thick ) (Driveways)	936	SY	\$ 46.90	\$ 51.91	\$ 40.00	\$ 37,440.00	\$ 38.00	\$ 35,568.00	\$ 53.60	\$ 50,169.60	\$ 56.00	\$ 52,416.00	
61	Color Treated & Stamped Concrete (See SPs) (5" Thick)	299	SY	\$ 84.25	\$ 42.33	\$ 75.00	\$ 22,425.00	\$ 65.00	\$ 19,435.00	\$ 103.00	\$ 30,797.00	\$ 94.00	\$ 28,106.00	
62	Privacy Wall	476	LF	\$ 240.00	\$ 300.00	\$ 235.00	\$ 111,860.00	\$ 115.00	\$ 54,740.00	\$ 250.00	\$ 119,000.00	\$ 360.00	\$ 171,360.00	
63	Pipe Guiderail ( Steel)	228	LF	\$ 41.49	\$ 49.80	\$ 20.00	\$ 4,560.00	\$ 43.35	\$ 9,883.80	\$ 46.60	\$ 10,624.80	\$ 56.00	\$ 12,768.00	
64	Adjust and Protect Utility Manhole	1	EA	\$ 775.50	\$ 625.00	\$ 700.00	\$ 700.00	\$ 400.00	\$ 400.00	\$ 432.00	\$ 432.00	\$ 1,570.00	\$ 1,570.00	
65	Adjust and Protect Valve Boxes	11	EA	\$ 311.25	\$ 325.00	\$ 310.00	\$ 3,410.00	\$ 285.00	\$ 3,135.00	\$ 270.00	\$ 2,970.00	\$ 380.00	\$ 4,180.00	
66	Type B Fence ( 6' High ) (w/Top Rail) Green Vinyl Clad	2,878	LF	\$ 18.61	\$ 25.00	\$ 17.60	\$ 50,652.80	\$ 16.85	\$ 48,494.30	\$ 18.10	\$ 52,091.80	\$ 21.90	\$ 63,028.20	
67	Fence Gate (Type B) (20' Wide) (Green Vinyl Clad) w/Top Rail	2	EA	\$ 1,006.35	\$ 2,500.00	\$ 15.40	\$ 30.80	\$ 1,200.00	\$ 2,400.00	\$ 1,270.00	\$ 2,540.00	\$ 1,540.00	\$ 3,080.00	
68	Sodding	21,768	SY	\$ 2.70	\$ 2.75	\$ 2.20	\$ 47,889.60	\$ 2.00	\$ 43,536.00	\$ 3.20	\$ 69,657.60	\$ 3.40	\$ 74,011.20	
69	6" PVC Conduit Irrigation Sleeves (Sch. 80) ( See SP's)	414	LF	\$ 31.08	\$ 5.96	\$ 35.00	\$ 14,490.00	\$ 25.00	\$ 10,350.00	\$ 31.30	\$ 12,958.20	\$ 33.00	\$ 13,662.00	
70	Littoral Planting (Detention Area 1) (See SPs)	1	LS	\$ 2,283.75	\$ 10,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,510.00	\$ 2,510.00	\$ 2,015.00	\$ 2,015.00	\$ 2,610.00	\$ 2,610.00	
71	Maintenance and Monitoring Reports (Detention Area 1)(See SPs)	4	EA	\$ 1,030.00	\$ 1,250.00	\$ 600.00	\$ 2,400.00	\$ 355.00	\$ 1,420.00	\$ 1,075.00	\$ 4,300.00	\$ 2,090.00	\$ 8,360.00	
72	Littoral Planting (Detention Area 2)(See SPs)	1	LS	\$ 5,116.25	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,050.00	\$ 4,050.00	\$ 5,025.00	\$ 5,025.00	\$ 6,390.00	\$ 6,390.00	
73	Maintenance and Monitoring Reports (Detention Area 2)(See SPs)	4	EA	\$ 1,092.50	\$ 1,250.00	\$ 600.00	\$ 2,400.00	\$ 605.00	\$ 2,420.00	\$ 1,075.00	\$ 4,300.00	\$ 2,090.00	\$ 8,360.00	
<b>SUBTOTAL (ROADWAY)</b>								\$ 5,829,361.60	\$ 6,349,851.60	\$ 7,055,874.90	\$ 7,205,360.05			
<b>BRIDGE ITEMS</b>														
74	Demolition & Removal	1	LS	\$ 64,017.50	\$ 20,000.00	\$ 54,000.00	\$ 54,000.00	\$ 50,000.00	\$ 50,000.00	\$ 86,570.00	\$ 86,570.00	\$ 65,500.00	\$ 65,500.00	
<b>Superstructure</b>														
75	Class IV Concrete (Superstructure)	33	CY	\$ 824.50	\$ 750.00	\$ 650.00	\$ 21,450.00	\$ 940.00	\$ 31,020.00	\$ 918.00	\$ 30,294.00	\$ 790.00	\$ 26,070.00	
76	Reinforcing Steel (Superstructure)	3,248	LB	\$ 2.53	\$ 2.00	\$ 3.25	\$ 10,556.00	\$ 1.00	\$ 3,248.00	\$ 1.90	\$ 6,171.20	\$ 3.95	\$ 12,829.60	
77	PRESTRESSED PRECAST DECK UNITS 15" x 6'-0" x 27'-4"	438	LF	\$ 369.00	\$ 335.00	\$ 378.00	\$ 165,564.00	\$ 330.00	\$ 144,540.00	\$ 308.00	\$ 134,904.00	\$ 460.00	\$ 201,480.00	
78	PRESTRESSED PRECAST DECK UNITS 18" x 6'-0" x 35'-6"	284	LF	\$ 375.50	\$ 402.00	\$ 378.00	\$ 107,352.00	\$ 340.00	\$ 96,560.00	\$ 324.00	\$ 92,016.00	\$ 460.00	\$ 130,640.00	
79	Concrete Traffic Railing Barrier (32" Vertical Shape)	267	LF	\$ 122.25	\$ 90.00	\$ 87.00	\$ 23,229.00	\$ 135.00	\$ 36,045.00	\$ 162.00	\$ 43,254.00	\$ 105.00	\$ 28,035.00	
80	Shoulder Concrete Barrier Wall (Index No. 410 - Cantilevered Wall)	76	LF	\$ 381.25	\$ 90.00	\$ 405.00	\$ 30,780.00	\$ 225.00	\$ 17,100.00	\$ 405.00	\$ 30,780.00	\$ 490.00	\$ 37,240.00	

HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND  
HAVERHILL ROAD, S. OF LWDD L-14 CANAL TO LAKE WORTH ROAD  
PBC PROJECT #2009602 & 2010503

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS		ENGINEERS ESTIMATE		J.W. Cheatham, LLC		Engecon Construction, Inc.		Community Asphalt Corp.		Ranger Construction Industries	
				UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
81	Aluminum Pedestrian/Bicycle Barrier Railing	267	LF	\$ 37.31	\$ 90.00	\$ 18.00	\$ 4,806.00	\$ 55.00	\$ 14,685.00	\$ 54.00	\$ 14,418.00	\$ 22.25	\$ 5,940.75		
	<b>Substructure</b>														
82	Class II Concrete for Pile Caps	82	CY	\$ 843.50	\$ 750.00	\$ 702.00	\$ 57,564.00	\$ 850.00	\$ 69,700.00	\$ 972.00	\$ 79,704.00	\$ 850.00	\$ 69,700.00		
83	Class II Concrete (Sidewalk and Approach Slab)	184	CY	\$ 524.75	\$ 600.00	\$ 486.00	\$ 89,424.00	\$ 580.00	\$ 106,720.00	\$ 443.00	\$ 81,512.00	\$ 590.00	\$ 108,560.00		
84	Reinforcing Steel (Substructure)	15,597	LB	\$ 2.53	\$ 2.00	\$ 3.25	\$ 50,690.25	\$ 1.00	\$ 15,597.00	\$ 1.90	\$ 29,634.30	\$ 3.95	\$ 61,608.15		
85	18" Square x 60'-0" Minimum (Test Pile - Abutment)	60	LF	\$ 286.00	\$ 175.00	\$ 324.00	\$ 19,440.00	\$ 225.00	\$ 13,500.00	\$ 205.00	\$ 12,300.00	\$ 390.00	\$ 23,400.00		
86	18" Square x 45'-0" MINIMUM (ABUTMENT)	585	LF	\$ 106.10	\$ 90.00	\$ 108.00	\$ 63,180.00	\$ 100.00	\$ 58,500.00	\$ 86.40	\$ 50,544.00	\$ 130.00	\$ 76,050.00		
87	14" SQUARE x 40'-0" MINIMUM (WING BENT)	240	LF	\$ 94.85	\$ 60.00	\$ 113.00	\$ 27,120.00	\$ 40.00	\$ 9,600.00	\$ 86.40	\$ 20,736.00	\$ 140.00	\$ 33,600.00		
88	18" SQUARE x 78'-0" MINIMUM (TEST PILE - INTERMEDIATE BENT)	78	LF	\$ 284.75	\$ 175.00	\$ 324.00	\$ 25,272.00	\$ 220.00	\$ 17,160.00	\$ 205.00	\$ 15,990.00	\$ 390.00	\$ 30,420.00		
89	18" SQUARE x 63'-0" MINIMUM (INTERMEDIATE BENT)	945	LF	\$ 99.65	\$ 90.00	\$ 108.00	\$ 102,060.00	\$ 85.00	\$ 80,325.00	\$ 75.60	\$ 71,442.00	\$ 130.00	\$ 122,850.00		
90	8" x 8'-0" x 16'-0" Precast Concrete Sheet Wall	240	LF	\$ 228.00	\$ 95.00	\$ 162.00	\$ 38,880.00	\$ 280.00	\$ 67,200.00	\$ 270.00	\$ 64,800.00	\$ 200.00	\$ 48,000.00		
91	8" x 9'-6" x 16'-0" Precast Concrete Sheet Wall	16	LF	\$ 514.00	\$ 110.00	\$ 756.00	\$ 12,096.00	\$ 110.00	\$ 1,760.00	\$ 270.00	\$ 4,320.00	\$ 920.00	\$ 14,720.00		
92	Reinforcing Steel - Sidewalk and Approach Slab	18,991	LB	\$ 2.21	\$ 2.00	\$ 2.70	\$ 51,275.70	\$ 1.00	\$ 18,991.00	\$ 1.90	\$ 36,082.90	\$ 3.25	\$ 61,720.75		
93	Riprap - Remove and Reinstall	1	LS	\$ 28,528.75	\$ 1,000.00	\$ 27,000.00	\$ 27,000.00	\$ 22,000.00	\$ 22,000.00	\$ 32,415.00	\$ 32,415.00	\$ 32,700.00	\$ 32,700.00		
94	Riprap -Articulating Block	417	SY	\$ 175.88	\$ 120.00	\$ 216.00	\$ 90,072.00	\$ 125.50	\$ 52,333.50	\$ 102.00	\$ 42,534.00	\$ 260.00	\$ 108,420.00		
95	4" PVC Conduit	532	LF	\$ 13.30	\$ 8.00	\$ 20.00	\$ 10,640.00	\$ 2.50	\$ 1,330.00	\$ 6.50	\$ 3,458.00	\$ 24.20	\$ 12,874.40		
<b>SUBTOTAL (BRIDGE)</b>							<b>\$ 1,082,450.95</b>		<b>\$ 927,914.50</b>		<b>\$ 983,879.40</b>		<b>\$ 1,312,358.65</b>		
<b>SIGNALIZATION PAY ITEMS</b>															
96	1 - 2" PVC Conduits ( Sch 40 ) Traffic	120	LF	\$ 6.40	\$ 5.96	\$ 4.30	\$ 516.00	\$ 5.90	\$ 708.00	\$ 10.20	\$ 1,224.00	\$ 5.20	\$ 624.00		
97	2 - 2" PVC Conduits ( Sch 40 ) Traffic F/O Cable	6,338	LF	\$ 6.70	\$ 6.50	\$ 5.90	\$ 37,394.20	\$ 7.95	\$ 50,387.10	\$ 5.75	\$ 36,443.50	\$ 7.20	\$ 45,633.60		
98	Pull Box (Small)	11	EA	\$ 653.25	\$ 617.34	\$ 670.00	\$ 7,370.00	\$ 750.00	\$ 8,250.00	\$ 573.00	\$ 6,303.00	\$ 620.00	\$ 6,820.00		
99	Pull Box (Large)	5	EA	\$ 1,685.00	\$ 1,088.51	\$ 1,850.00	\$ 9,250.00	\$ 1,600.00	\$ 8,000.00	\$ 1,220.00	\$ 6,100.00	\$ 2,070.00	\$ 10,350.00		
630-2-11	Conduit-Signals (F & I) (Underground)	400	LF	\$ 8.39	\$ 7.04	\$ 6.60	\$ 2,640.00	\$ 5.90	\$ 2,360.00	\$ 13.00	\$ 5,200.00	\$ 8.05	\$ 3,220.00		
630-2-12	1-2" Conduits - Signals (F&I) (Under Pavement) (Directional Bore)	112	LF	\$ 13.63	\$ 17.05	\$ 12.40	\$ 1,388.80	\$ 14.50	\$ 1,624.00	\$ 12.40	\$ 1,388.80	\$ 15.20	\$ 1,702.40		
630-2-12A	2-2" Conduits - Signals (F&I) (Under Pavement) (Directional Bore)	770	LF	\$ 18.30	\$ 17.05	\$ 17.30	\$ 13,321.00	\$ 18.55	\$ 14,283.50	\$ 16.20	\$ 12,474.00	\$ 21.15	\$ 16,285.50		
630-2-12C	4-2" Conduits - Signals (F&I) (Under Pavement) (Directional Bore)	377	LF	\$ 28.38	\$ 17.05	\$ 28.00	\$ 10,556.00	\$ 26.60	\$ 10,028.20	\$ 24.90	\$ 9,387.30	\$ 34.00	\$ 12,818.00		
632-7-1	Cable (Signal) (F & I)	2	PI	\$ 4,941.25	\$ 5,529.86	\$ 4,610.00	\$ 9,220.00	\$ 3,520.00	\$ 7,040.00	\$ 6,005.00	\$ 12,010.00	\$ 5,630.00	\$ 11,260.00		
632-7-1A	Cable (Pedestrian Signal) (F & I)	2	PI	\$ 2,267.50	\$ 5,529.86	\$ 725.00	\$ 1,450.00	\$ 1,665.00	\$ 3,330.00	\$ 5,800.00	\$ 11,600.00	\$ 880.00	\$ 1,760.00		
632-7-2	Cable (Signal) (Outside of Intersection) (F & I)	150	LF	\$ 2.26	\$ 5.38	\$ 2.00	\$ 300.00	\$ 3.25	\$ 487.50	\$ 1.75	\$ 262.50	\$ 2.05	\$ 307.50		
635-2-11	Pull & Splice Box (F & I) (Signal) (17"x30"x12"D)	30	EA	\$ 533.50	\$ 637.13	\$ 600.00	\$ 18,000.00	\$ 465.00	\$ 13,950.00	\$ 529.00	\$ 15,870.00	\$ 540.00	\$ 16,200.00		
635-2-12	ITS Pull & Splice Box (F & I) (17"x30"x24"D)	2	EA	\$ 664.50	\$ 1,552.63	\$ 670.00	\$ 1,340.00	\$ 795.00	\$ 1,590.00	\$ 573.00	\$ 1,146.00	\$ 620.00	\$ 1,240.00		
635-2-13	ITS Pull & Splice Box (F & I) (30"x48"x24"D)	1	EA	\$ 1,685.00	\$ 2,647.96	\$ 1,850.00	\$ 1,850.00	\$ 1,600.00	\$ 1,600.00	\$ 1,220.00	\$ 1,220.00	\$ 2,070.00	\$ 2,070.00		
639-1-123	Signal (Electrical Power Service) (F & I) (Underground)	1	AS	\$ 1,329.00	\$ 2,322.76	\$ 1,174.00	\$ 1,174.00	\$ 1,805.00	\$ 1,805.00	\$ 897.00	\$ 897.00	\$ 1,440.00	\$ 1,440.00		
639-2-1	Electrical Service Wire (F & I)	600	LF	\$ 4.01	\$ 13.15	\$ 3.30	\$ 1,980.00	\$ 3.95	\$ 2,370.00	\$ 4.75	\$ 2,850.00	\$ 4.05	\$ 2,430.00		
639-3-11	Electrical Service Disconnect (F & I) (Pole)	2	EA	\$ 414.25	\$ 754.21	\$ 193.00	\$ 386.00	\$ 965.00	\$ 1,930.00	\$ 259.00	\$ 518.00	\$ 240.00	\$ 480.00		
641-2-12	Pre-Stressed Concrete Pole (F & I) (P-II)	2	EA	\$ 904.50	\$ 1,293.29	\$ 745.00	\$ 1,490.00	\$ 1,120.00	\$ 2,240.00	\$ 843.00	\$ 1,686.00	\$ 910.00	\$ 1,820.00		
641-2-17	Pre-Stressed Concrete Pole (F & I) (P-VII)	1	EA	\$ 11,179.25	\$ 1,293.29	\$ 10,332.00	\$ 10,332.00	\$ 13,150.00	\$ 13,150.00	\$ 8,635.00	\$ 8,635.00	\$ 12,600.00	\$ 12,600.00		
641-2-60	Pre-Stressed Concrete Pole (Service) (Complete/Deep Removal)	1	EA	\$ 3,032.50	\$ 264.31	\$ 4,240.00	\$ 4,240.00	\$ 2,580.00	\$ 2,580.00	\$ 130.00	\$ 130.00	\$ 5,180.00	\$ 5,180.00		
643-600	Wood Strain Pole (Remove)	1	EA	\$ 898.50	\$ 461.35	\$ 615.00	\$ 615.00	\$ 1,840.00	\$ 1,840.00	\$ 389.00	\$ 389.00	\$ 750.00	\$ 750.00		
646-1-11	Aluminum Signals Pole (F & I) (Pedestal)	5	EA	\$ 1,003.75	\$ 1,154.08	\$ 775.00	\$ 3,875.00	\$ 995.00	\$ 4,975.00	\$ 1,295.00	\$ 6,475.00	\$ 950.00	\$ 4,750.00		
646-1-60	Aluminum Signals Pole (Pedestal) (Remove)	2	EA	\$ 95.70	\$ 220.00	\$ 51.00	\$ 102.00	\$ 205.00	\$ 410.00	\$ 64.80	\$ 129.60	\$ 62.00	\$ 124.00		
649-31-101	Std. Mast Arm (F & I) (WS-150) (Single Arm w/o Luminaire) (36")	1	EA	\$ 27,029.00	\$ 25,080.48	\$ 23,031.00	\$ 23,031.00	\$ 26,450.00	\$ 26,450.00	\$ 30,435.00	\$ 30,435.00	\$ 28,200.00	\$ 28,200.00		

HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND  
HAVERHILL ROAD, S. OF LWDD L-14 CANAL TO LAKE WORTH ROAD  
PBC PROJECT #2009602 & 2010503

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS		ENGINEERS ESTIMATE		J.W. Cheatham, LLC		Engecon Construction, Inc.		Community Asphalt Corp.		Ranger Construction Industries	
				UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
649-31-102	Std. Mast Arm (F & I) (WS-150) (Single Arm w/o Luminaire) (46')	2	EA	\$ 29,962.50	\$ 26,432.19	\$ 25,500.00	\$ 51,000.00	\$ 30,400.00	\$ 60,800.00	\$ 32,750.00	\$ 65,500.00	\$ 31,200.00	\$ 62,400.00		
649-31-108	Std. Mast Arm (F & I) (WS-150) (Single Arm w/ Luminaire) (60')	1	EA	\$ 40,617.50	\$ 33,990.02	\$ 35,500.00	\$ 35,500.00	\$ 39,400.00	\$ 39,400.00	\$ 44,170.00	\$ 44,170.00	\$ 43,400.00	\$ 43,400.00		
650-1-14	Traffic Signal (F & I) (3-Sect) (1 Way) (Alum)	10	AS	\$ 986.00	\$ 1,015.00	\$ 865.00	\$ 8,650.00	\$ 1,025.00	\$ 10,250.00	\$ 994.00	\$ 9,940.00	\$ 1,060.00	\$ 10,600.00		
650-1-19	Traffic Signal (F & I) (5-Sect Cluster) (1 Way) (Alum)	2	AS	\$ 1,545.50	\$ 1,467.89	\$ 1,412.00	\$ 2,824.00	\$ 1,495.00	\$ 2,990.00	\$ 1,545.00	\$ 3,090.00	\$ 1,730.00	\$ 3,460.00		
650-1-60	Traffic Signal (Remove)	1	AS	\$ 48.05	\$ 100.12	\$ 41.00	\$ 41.00	\$ 68.80	\$ 68.80	\$ 32.40	\$ 32.40	\$ 50.00	\$ 50.00		
650-1-70	Traffic Signal (Relocate)	4	AS	\$ 325.00	\$ 526.33	\$ 262.00	\$ 1,048.00	\$ 405.00	\$ 1,620.00	\$ 313.00	\$ 1,252.00	\$ 320.00	\$ 1,280.00		
653-1-11	Pedestrian Signal (F & I) (LED-Countdown) (1 Way)	6	AS	\$ 642.50	\$ 795.25	\$ 562.00	\$ 3,372.00	\$ 605.00	\$ 3,630.00	\$ 713.00	\$ 4,278.00	\$ 690.00	\$ 4,140.00		
653-1-60	Pedestrian Signal (Remove)	1	AS	\$ 38.05	\$ 104.31	\$ 23.00	\$ 23.00	\$ 68.80	\$ 68.80	\$ 32.40	\$ 32.40	\$ 28.00	\$ 28.00		
660-1-102	Loop Detector (F & I) (Type 2, 1 CH, R, S, TD)	8	EA	\$ 221.00	\$ 179.42	\$ 215.00	\$ 1,720.00	\$ 225.00	\$ 1,800.00	\$ 184.00	\$ 1,472.00	\$ 260.00	\$ 2,080.00		
660-1-106	Loop Assembly (F & I) (Type F)	8	AS	\$ 875.00	\$ 1,000.00	\$ 775.00	\$ 6,200.00	\$ 725.00	\$ 5,800.00	\$ 1,050.00	\$ 8,400.00	\$ 950.00	\$ 7,600.00		
660-4-11	Vehicle Detection System (Video) (F & I) (Cabinet Equipment)	4	EA	\$ 4,733.75	\$ 1,150.00	\$ 4,345.00	\$ 17,380.00	\$ 4,530.00	\$ 18,120.00	\$ 4,750.00	\$ 19,000.00	\$ 5,310.00	\$ 21,240.00		
660-4-12	Vehicle Detection System (Video) (F & I) (Above Ground Equipment)	4	EA	\$ 3,726.25	\$ 4,946.95	\$ 2,960.00	\$ 11,840.00	\$ 3,200.00	\$ 12,800.00	\$ 5,125.00	\$ 20,500.00	\$ 3,620.00	\$ 14,480.00		
665-1-11	Pedestrian Detector (F & I) (Std)	6	EA	\$ 164.50	\$ 271.50	\$ 130.00	\$ 780.00	\$ 228.00	\$ 1,368.00	\$ 140.00	\$ 840.00	\$ 160.00	\$ 960.00		
665-1-60	Pedestrian Detector (Remove)	5	EA	\$ 25.59	\$ 136.19	\$ 24.00	\$ 120.00	\$ 34.15	\$ 170.75	\$ 16.20	\$ 81.00	\$ 28.00	\$ 140.00		
670-5-110	Traffic Controller Assembly (F & I) (NEMA)	1	AS	\$ 27,341.25	\$ 31,493.94	\$ 25,780.00	\$ 25,780.00	\$ 24,600.00	\$ 24,600.00	\$ 27,485.00	\$ 27,485.00	\$ 31,500.00	\$ 31,500.00		
670-5-111	Traffic Controller Assembly (F & I) (NEMA) (1 PREEMPT)	1	AS	\$ 27,308.75	\$ 28,483.70	\$ 25,780.00	\$ 25,780.00	\$ 24,600.00	\$ 24,600.00	\$ 27,355.00	\$ 27,355.00	\$ 31,500.00	\$ 31,500.00		
670-5-600	Traffic Controller Assembly (Remove Controller & Cabinet)	1	AS	\$ 318.50	\$ 583.00	\$ 255.00	\$ 255.00	\$ 450.00	\$ 450.00	\$ 259.00	\$ 259.00	\$ 310.00	\$ 310.00		
700-5-22	Internally Illuminated Sign (F & I) (Overhead) (12-18 SF)	8	EA	\$ 3,141.25	\$ 3,311.37	\$ 2,815.00	\$ 22,520.00	\$ 3,470.00	\$ 27,760.00	\$ 2,840.00	\$ 22,720.00	\$ 3,440.00	\$ 27,520.00		
<b>SUBTOTAL (SIGNALIZATION)</b>						\$ 376,654.00		\$ 417,684.65		\$ 429,180.50		\$ 450,753.00			
<b>WATER UTILITY ITEMS</b>															
100	Protect and Adjust Sanitary Sewer or ARV Manhole to Final Grade As Needed	5	EA	\$ 780.75	\$ 625.00	\$ 700.00	\$ 3,500.00	\$ 645.00	\$ 3,225.00	\$ 918.00	\$ 4,590.00	\$ 860.00	\$ 4,300.00		
101	Protect and Adjust Water Valve Boxes to Final Grade (Concrete Collar in	27	EA	\$ 291.25	\$ 325.00	\$ 300.00	\$ 8,100.00	\$ 255.00	\$ 6,885.00	\$ 270.00	\$ 7,290.00	\$ 340.00	\$ 9,180.00		
102	Protect and Adjust Sewer Valve Boxes to Final Grade (Concrete Collar in	8	EA	\$ 291.25	\$ 325.00	\$ 300.00	\$ 2,400.00	\$ 255.00	\$ 2,040.00	\$ 270.00	\$ 2,160.00	\$ 340.00	\$ 2,720.00		
103	Deflect Exist. 10" DIP FM Under Drainage Pipe with DIP(Fittings &	1	EA	\$ 10,637.50	\$ 4,500.00	\$ 9,720.00	\$ 9,720.00	\$ 9,045.00	\$ 9,045.00	\$ 11,885.00	\$ 11,885.00	\$ 11,900.00	\$ 11,900.00		
104	Deflect Exist. 8" DIP WM Under Drainage Pipe with DIP(Fittings &	1	EA	\$ 8,018.75	\$ 3,700.00	\$ 7,000.00	\$ 7,000.00	\$ 6,475.00	\$ 6,475.00	\$ 10,050.00	\$ 10,050.00	\$ 8,550.00	\$ 8,550.00		
105	Deflect Exist. 4" DIP WM Under Drainage Pipe with DIP(Fittings &	1	EA	\$ 7,276.25	\$ 2,375.00	\$ 6,800.00	\$ 6,800.00	\$ 6,305.00	\$ 6,305.00	\$ 7,670.00	\$ 7,670.00	\$ 8,330.00	\$ 8,330.00		
106	Deflect Exist. 8" DIP WM Over Drainage Pipe with DIP (Fittings & Restraints	105	LF	\$ 78.58	\$ 82.00	\$ 64.00	\$ 6,720.00	\$ 59.30	\$ 6,226.50	\$ 113.00	\$ 11,865.00	\$ 78.00	\$ 8,190.00		
107	8" DIP WM (Fittings & Restraints Incl.)	253	LF	\$ 56.81	\$ 75.00	\$ 51.00	\$ 12,903.00	\$ 47.25	\$ 11,954.25	\$ 67.00	\$ 16,951.00	\$ 62.00	\$ 15,686.00		
108	8" Gate Valve (Incl. Valve Box and Cover)	3	EA	\$ 1,643.75	\$ 3,300.00	\$ 1,465.00	\$ 4,395.00	\$ 1,365.00	\$ 4,095.00	\$ 1,945.00	\$ 5,835.00	\$ 1,800.00	\$ 5,400.00		
109	Bacteriological Sample Point	4	EA	\$ 659.00	\$ 750.00	\$ 600.00	\$ 2,400.00	\$ 550.00	\$ 2,200.00	\$ 756.00	\$ 3,024.00	\$ 730.00	\$ 2,920.00		
110	Bacteriological Testing of Water Main	1	LS	\$ 1,675.00	\$ 2,800.00	\$ 1,865.00	\$ 1,865.00	\$ 1,735.00	\$ 1,735.00	\$ 810.00	\$ 810.00	\$ 2,290.00	\$ 2,290.00		
111	Remove Exist. 8" WM	345	LF	\$ 8.79	\$ 15.00	\$ 6.00	\$ 2,070.00	\$ 5.60	\$ 1,932.00	\$ 16.20	\$ 5,589.00	\$ 7.35	\$ 2,535.75		
112	Record Drawings	1	LS	\$ 4,536.25	\$ 1,850.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 785.00	\$ 785.00	\$ 2,360.00	\$ 2,360.00		
<b>SUBTOTAL (WATER UTILITIES)</b>						\$ 77,873.00		\$ 67,117.75		\$ 88,504.00		\$ 84,361.75			
<b>CONTINGENCY ITEMS</b>															
113	Class I Concrete (Miscellaneous )	20	CY	\$ 282.00	\$ 383.00	\$ 150.00	\$ 3,000.00	\$ 350.00	\$ 7,000.00	\$ 428.00	\$ 8,560.00	\$ 200.00	\$ 4,000.00		
114	Flowable Fill	20	CY	\$ 214.25	\$ 262.83	\$ 140.00	\$ 2,800.00	\$ 300.00	\$ 6,000.00	\$ 247.00	\$ 4,940.00	\$ 170.00	\$ 3,400.00		
115	Premium for Conflict Condition (See SP's)	5	EA	\$ 4,267.50	\$ 3,294.00	\$ 5,000.00	\$ 25,000.00	\$ 3,500.00	\$ 17,500.00	\$ 3,350.00	\$ 16,750.00	\$ 5,220.00	\$ 26,100.00		
116	Changeable (Variable Message) Sign (Non MOT)	90	ED	\$ 16.29	\$ 48.53	\$ 20.00	\$ 1,800.00	\$ 13.00	\$ 1,170.00	\$ 12.50	\$ 1,125.00	\$ 19.65	\$ 1,768.50		
117	Traffic Control Officer (Non MOT)	288	HR	\$ 57.75	\$ 62.76	\$ 50.00	\$ 14,400.00	\$ 50.00	\$ 14,400.00	\$ 52.00	\$ 14,976.00	\$ 79.00	\$ 22,752.00		
118	Storm Sewer Cleaning (Exist.) ( 24" Or Less ) (See SP's)	5,842	LF	\$ 4.61	\$ 9.04	\$ 3.25	\$ 18,986.50	\$ 3.00	\$ 17,526.00	\$ 8.25	\$ 48,196.50	\$ 3.95	\$ 23,075.90		
119	Storm Sewer Cleaning (Exist.) (> 24" To 48") (See SP's)	2,297	LF	\$ 8.23	\$ 8.16	\$ 5.00	\$ 11,485.00	\$ 4.50	\$ 10,336.50	\$ 17.50	\$ 40,197.50	\$ 5.90	\$ 13,552.30		

HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND  
HAVERHILL ROAD, S. OF LWDD L-14 CANAL TO LAKE WORTH ROAD  
PBC PROJECT #2009602 & 2010503

				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	J.W. Cheatham, LLC		Engecon Construction, Inc.		Community Asphalt Corp.		Ranger Construction Industries	
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
120	Storm Sewer Cleaning (Exist.) (>48") (See SP's)	80	LF	\$ 13.93	\$ 15.98	\$ 6.00	\$ 480.00	\$ 5.50	\$ 440.00	\$ 37.00	\$ 2,960.00	\$ 7.20	\$ 576.00
121	Temporary Fence	100	LF	\$ 11.59	\$ 9.00	\$ 5.00	\$ 500.00	\$ 12.00	\$ 1,200.00	\$ 9.70	\$ 970.00	\$ 19.65	\$ 1,965.00
<b>SUBTOTAL (CONTINGENCY)</b>							\$ 78,451.50		\$ 75,572.50		\$ 138,675.00		\$ 97,189.70
<b>TOTAL BID AMOUNT</b>							<b>\$ 7,444,791.05</b>		<b>\$ 7,838,141.00</b>		<b>\$ 8,696,113.80</b>		<b>\$ 9,150,023.15</b>

HAVERHILL ROAD, LANTANA ROAD TO S. OF LWDD L-14 CANAL AND HAVERHILL ROAD, S. OF LWDD L-14 CANAL TO LAKE WORTH ROAD  
PBC PROJECT #2009602 & 2010503

THE ITEMS AND QUANTITIES SHOWN, SHALL GOVERN OVER THE PLANS.  
PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

**PAY ITEM FOOTNOTES:**

All costs for Maintenance of Traffic (MOT) and mobilization shall be considered incidental to, and shall be included in, unit prices for the pay items.
All items shall include cost to furnish and install unless otherwise noted.
Prime and tack coat are incidental to asphalt construction.
The cost of connecting to existing structures is incidental to the cost of the pipe.
"Record Drawings, LS" is only for the cost of Water Utility Record Drawings. All other Record Drawings are incidental to the contract.
Concrete Pipe Culvert (18") includes 315 LF Contingency.
Concrete Sidewalk (4" Thick) (Includes Removal of Existing Sidewalk) and 5,000 SY Contingency.

Working days to complete project: 425 calendar days (See Special Provisions)  
Bids as read at opening on Tuesday, July 26, 2016; 2:00 PM  
All bids subject to OSBA SBE compliance and Board Approval.  
Prepared by: Donna Lewis  
Checked by: Holly B. Knight, P.E., Contracts Section Manager

**INTEROFFICE COMMUNICATION  
PALM BEACH COUNTY WATER UTILITIES DEPARTMENT  
BUDGET AVAILABILITY STATEMENT**

**DATE:** August 10, 2016

**TO:** Kathleen Farrell, P.E.  
Roadway Production Section  
Department of Engineering

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



**RE:** Haverhill Road from LWDD L - 14 Canal to Lake Worth Road Utility  
Work  
WUD Project No. 15-009  
Palm Beach County Project #2010-503

**FISCAL IMPACT ANALYSIS:**

Summary of Fiscal Impact:

Is item included in current budget? Yes  No

Budget Account Number:

Fund	Agency	Organization	Object	Amount
4011	721	W007	6543	\$77,873.00

**Sources of Funds:**

Water Utilities Department user fees