

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: March 12, 2019	☒ Consent	☐ Regular
	☐ Workshop	☐ Public Hearing
Department:	Engineering & Public Works	
Submitted By:	Engineering & Public Works	
Submitted For:	Roadway Production Division	

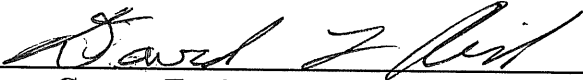
EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a contract with J.W. Cheatham, LLC (Cheatham) in the amount of \$885,066.94 for the construction of Mack Dairy Road from Indiantown Road to 200’ north of Old Indiantown Road (Project).

SUMMARY: Approval of this contract will allow Palm Beach County (County) to issue a notice to proceed to Cheatham, a Palm Beach County based company, to begin construction of the Project. Mack Dairy Road will be reconstructed to meet current design standards. The existing two-lane roadway has substandard lane and shoulder widths, and insufficient clear zone widths. Per an Interlocal Agreement with Martin County (R2018-1323) dated September 18, 2018, the County will provide one-third and Martin County will provide two-thirds of the total funding necessary to construct the Project. The County will have full responsibility for maintenance after completion of construction. Martin County has already provided its share of the funding to the County. This bid was solicited on November 11, 2018 prior to the effective date of the Equal Business Opportunity (EBO) Ordinance and pursuant to the Small Business Enterprise (SBE) Ordinance requirements in effect at that time. The SBE goal for all projects is 15%. The lowest responsive, responsible bidder, Cheatham, committed to 15.1%. Of the seven subcontractors to perform on this contract, four are certified SBE’s with participation that equates to 15.1% of the overall SBE participation. Construction completion is expected in late 2019. District 1 (YBH)

Background and Justification: Bids for the project were received by the Engineering Department on December 11, 2018. Time to complete all work under this contract shall be no more than 150 calendar days.

- Attachments:**
- 1. Location Map
 - 2. Contract (3)
 - 3. SBE Compliance Review
 - 4. Bid Tabulation

Recommended by:		3/20/19
	County Engineer	Date
Approved By:		3/28/19
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2019	2020	2021	2022	2023
Capital Expenditures	\$ 982,069	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	(\$ 654,713)	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$ 327,356	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No
Does this item include the use of federal funds? Yes No X

Budget Account No:
Fund 3500 Dept 361 Unit 1892 Object 6551

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvement Fund	
Mack Dairy Rd./Indiantown Rd to Old Indiantown Rd	
Construction Contract	\$ 885,066.94
Contingency	\$ 26,552.06
Testing Lab	\$ 6,000.00
Staff Costs -	
Roadway Production	\$ 17,700.00
Roadway Production (Survey)	\$ 8,850.00
Construction Coordination	\$ 35,400.00
Traffic	\$ 2,500.00
Total Construction Costs	\$ 982,069.00
Interlocal Agreement with Martin County pay 2/3	(\$ 654,713.00)
Fiscal Impact	\$ 327,356.00

Interlocal agreement with Martin County to partially fund reconstruction of Mack Dairy Road, R 2018-1323, September 18, 2018, 3-C-7. Received an \$813,333.33 check from Martin County, #B1034092 on October 24, 2018.

C. Departmental Fiscal Review: Alice Kovalainen

III. REVIEW COMMENTS

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

OFMB 2/15/19 2/2/19
Contract Dev. and Control 2/26/19 2/26/19

B. Approved as to Form and Legal Sufficiency:

Assistant County Attorney 2/28/19

C. Other Department Review:

Department Director



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**

Mack Bernard, Mayor
Dave Kerner, Vice Mayor

Hal Valeche
Greg K. Weiss
Robert S. Weinroth
Mary Lou Berger
Melissa McKinlay

County Administrator

Verdenia C. Baker

*"An Equal Opportunity
Affirmative Action Employer"*

DATE: December 27, 2018

TO: Holly B. Knight, P.E., Contracts Section Manager

THROUGH: Allen Gray, Manager
Office of Small Business Assistance *Allen Gray*

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

SUBJECT: **Compliance Review on Project No. 2018512**
Mack Dairy Road from Indiantown Road to 200' North of
Old Indiantown Road

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was December 11, 2018. SBE participation is calculated on the Amount Less Contingency.

Bidder #1: J.W. Cheatham, LLC
7396 Westport Place
West Palm Beach, FL 33413

Phone: 561-471-4100

Bid Amount: \$885,066.94

Amount Less Contingency: **\$877,366.94**

Goal: 15% Overall

Goal Achieved: **15.1%**

SBE Participation:		
(SB) F.R.S. & ASSOCIATES, INC.	\$23,005.00	2.62%
(SB) AGRICULTURAL LAND SERVICES, INC.	\$14,140.98	1.61%
(SB) SOUTHWIDE INDUSTRIES	\$17,492.02	1.99%
(SB) TREECYCLE LAND CLEARING, INC.	\$78,255.00	8.91%
	\$132,893.00	15.1%

Bidder #2: Rosso Site Development, Inc.
1302 S. J Street
Lake Worth, FL 33460

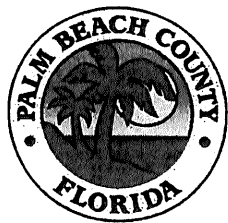
Phone: 561-689-0889

Bid Amount: \$958,632.55

Amount Less Contingency: **\$943,197.55**

Goal: 15%

Goal Achieved: **50.1%**



SBE Participation:

(SB)ROSSO SITE DEVELOPMENT, INC.	\$472,697.56	50.1%
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Bidder #3:	Loren Jock Trucking 4140 SE Robert Loop Road Stuart, FL 34997
Phone:	561-689-0889
Bid Amount:	\$1,034,086.41
Amount Less Contingency:	\$1,012,057.41
Goal:	15%
Goal Achieved:	%

SBE Participation:

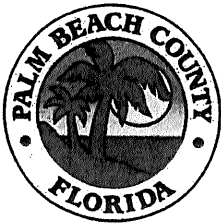
(SB)FINE-LINE STRIPING, INC.	\$21,717.03	2.145%
(SB)AGRICULTURAL LAND SERVICES, INC.	\$14,140.98	1.397%
(MB)TRU TRUCKING, INC.	<u>\$128,118.50</u>	<u>12.659%</u>
	\$163,976.51	16.2%

Bidder #4:	Mancil's Tractor Service, Inc. 8530 SW Jayme Way Palm City, FL 34990
Phone:	772-288-0951
Bid Amount:	\$1,071,812.39
Amount Less Contingency:	\$1,051,602.39
Goal:	15%
Goal Achieved:	7.91%

SBE Participation:

(SB)RKC LAND DEVELOPMENT, INC.	\$38,000.00	3.61%
C. SLAGTER CONSTRUCTION, INC. ¹	\$56,369.60	%
(WB)BETSY LINDSAY, INC.	\$16,150.00	1.535%
(SB)TRINITY STRIPING, INC.	\$14,962.07	1.422%
(SB)AGRICULTURAL LAND SERVICES, INC.	<u>\$14,140.98</u>	<u>1.344%</u>
	\$83,253.05	7.91%

¹ C. Slagter Construction was not a certified PBC SBE at the time of Bid opening. Therefore, their dollar/percentage amount was not counted.



Bidder #5: Ranger Construction Industries, Inc.
101 Sansbury's Way
West Palm Beach, FL 33411
Phone: 561-793-9400
Bid Amount: \$1,118,627.45
Amount Less Contingency: \$1,095,998.65
Goal: 15%
Goal Achieved: 13.1 %

SBE Participation:

(SB)FRS & ASSOCIATES, INC.	\$23,526.00	2.146%
(SB)AGRICULTURAL LAND SERVICES, INC.	\$14,140.98	1.29%
(SB)FINE-LINE STRIPING, INC.	\$27,730.00	2.53%
(SB) TREECYCLE LAND CLEARING, INC.	<u>\$78,255.00</u>	<u>7.14%</u>
	\$143,651.98	13.1%

Bidder #6: Engecon Construction, Inc.
2290 10th Avenue N., Suite #408
Lake Worth, FL 33461
Phone: 561-585-1565
Bid Amount: \$1,129,557.49
Amount Less Contingency: \$1,120,429.51
Goal: 15%
Goal Achieved: 57.7%

SBE Participation:

(SB)ENGECON CONSTRUCTION, INC. ²	\$647,180.35	57.7%
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Bidder #7: Florida Blacktop, Inc.
1287 West Atlantic Blvd.
Pompano Beach, FL 33069
Phone: 954-943-9700
Bid Amount: \$1,139,848.41
Amount Less Contingency: \$1,120,429.51
Goal: 15%
Goal Achieved: 17.6%

SBE Participation:

(SB)TRINITY STRIPING, INC.	\$14,962.07	1.33%
(SB) ANZCO INC.	\$90,088.00	8.04%

² Engecon Construction, Inc. is not certified to perform sod, grass services. The amount of \$12,345.30 was subtracted from their total SBE bid of \$659,525.65.



(SB) AGRICULTURAL LAND SERVICES INC.	\$14,140.98	1.26%
(SB) TREECYCLE LAND CLEARING, INC.	<u>\$78,255.00</u>	<u>6.98%</u>
	\$197,446.05	17.6%

Bidder #8:	R&D Paving, LLC
	400 Executive Center Drive, Suite 210
	West Palm Beach, FL 33401
Phone:	561-588-6681
Bid Amount:	\$1,142,973.57
Amount Less Contingency:	\$1,127,119.57
Goal:	15%
Goal Achieved:	54%

<u>SBE Participation:</u>		
(WB) R&D PAVING, LLC	\$619,010.20	54%

Bidder #9:	Almazan Construction
	2771 Vista Parkway, Unit F6
	West Palm Beach, FL 33411
Phone:	561-793-9400
Bid Amount:	\$1,118,627.45
Amount Less Contingency:	\$1,095,998.65
Goal:	15%
Goal Achieved:	0 %

<u>SBE Participation:</u>		
Alamazan Construction ³	\$1,042,888.00	79%

EVALUATION:

Bidder #1, J.W. Cheatham, LLC has met the SBE goal.

³ Almazan Construction was not a certified PBC SBE at the time of bid opening.

BID PROPOSAL						AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	J.W. CHEATHAM, LLC		ROSSO SITE DEVELOPMENT, INC.		LOREN JOCK TRUCKING, INC.	
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD CONTRACT													
Palm Beach County Project # 2018512													
Item #	Description	Qty	Unit	Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
Roadway Items													
1	Mobilization	1	LS	\$ 88,910.22	\$ 128,050.00	\$ 91,196.00	\$ 91,196.00	\$140,899.29	\$140,899.29	\$ 70,673.92	\$ 70,673.92		
2	Maintenance of Traffic (incl. Pedestrian M.O.T.)	1	LS	\$ 64,221.77	\$ 128,050.00	\$ 47,573.00	\$ 47,573.00	\$ 9,294.19	\$ 9,294.19	\$ 75,943.35	\$ 75,943.35		
3	Sediment Barrier (Silt Fence)	3,555	LF	\$ 2.34	\$ 2.88	\$ 1.10	\$ 3,910.50	\$ 0.53	\$ 1,884.15	\$ 1.68	\$ 5,972.40		
4	Clearing and Grubbing	1	LS	\$ 77,215.18	\$ 16,000.00	\$102,748.00	\$102,748.00	\$ 41,439.06	\$ 41,439.06	\$ 39,900.00	\$ 39,900.00		
5	Floating Turbidity Barrier	3,440	LF	\$ 8.85	\$ 16.91	\$ 9.45	\$ 32,508.00	\$ 7.28	\$ 25,043.20	\$ 10.50	\$ 36,120.00		
6	Regular Excavation	533	CY	\$ 14.33	\$ 7.69	\$ 10.00	\$ 5,330.00	\$ 2.07	\$ 1,103.31	\$ 22.02	\$ 11,736.66		
7	Embankment (Compacted in Place)	8,203	CY	\$ 17.20	\$ 12.89	\$ 11.10	\$ 91,053.30	\$ 12.90	\$105,818.70	\$ 15.66	\$ 128,458.98		
8	Type B Stabilization (LBR 40) (12")	7,958	SY	\$ 7.23	\$ 5.77	\$ 3.00	\$ 23,874.00	\$ 7.42	\$ 59,048.36	\$ 8.87	\$ 70,587.46		
9	Optional Base Group 7	7,215	SY	\$ 13.57	\$ 19.24	\$ 12.20	\$ 88,023.00	\$ 12.22	\$ 88,167.30	\$ 9.89	\$ 71,356.35		
10	Mill Existing Asphalt Pavement (2.5" AVG)	8,858	SY	\$ 3.46	\$ 4.50	\$ 3.00	\$ 26,574.00	\$ 3.77	\$ 33,394.66	\$ 3.93	\$ 34,811.94		
11	Miscellaneous Asphalt Pavement	159	TN	\$ 199.16	\$ 224.23	\$ 160.00	\$ 25,440.00	\$ 152.68	\$ 24,276.12	\$ 215.19	\$ 34,215.21		
12	Superpave Asphalt Concrete (Traffic Level C)	1,326	TN	\$ 122.54	\$ 112.20	\$ 93.00	\$123,318.00	\$ 125.86	\$166,890.36	\$ 128.57	\$ 170,483.82		
13	Asph. Concrete Friction Course (1.0") (FC-9.5) Rubber	884	TN	\$ 172.01	\$ 147.19	\$ 135.00	\$119,340.00	\$ 174.50	\$154,258.00	\$ 191.80	\$ 169,551.20		
14	Guardrail (Roadway)	3,088	LF	\$ 22.02	\$ 20.00	\$ 18.00	\$ 55,584.00	\$ 17.54	\$ 54,163.52	\$ 17.33	\$ 53,515.04		
15	End Anchorage Assemblies (Type II)	1	EA	\$ 1,185.88	\$ 2,900.00	\$ 865.00	\$ 865.00	\$ 840.00	\$ 840.00	\$ 2,940.00	\$ 2,940.00		
16	End Anchorage Assemblies (Type Flared)	1	EA	\$ 2,815.96	\$ 1,150.00	\$ 2,700.00	\$ 2,700.00	\$ 2,625.00	\$ 2,625.00	\$ 840.00	\$ 840.00		
17	Sodding	7,482	SY	\$ 2.83	\$ 3.00	\$ 2.05	\$ 15,338.10	\$ 2.48	\$ 18,555.36	\$ 2.21	\$ 16,535.22		
SUBTOTAL (ROADWAY)							\$855,374.90		\$927,700.58		\$ 993,641.55		
SIGNALIZATION PAY ITEMS													
18	Loop Assemble, F&I, Type F	2	AS	\$ 2,170.20	\$ 1,555.00	\$ 1,215.00	\$ 2,430.00	\$ 1,181.25	\$ 2,362.50	\$ 590.63	\$ 1,181.26		
19	Traffic Controller Assembly, Modify	1	AS	\$ 1,915.29	\$ 1,772.00	\$ 650.00	\$ 650.00	\$ 614.25	\$ 614.25	\$ 614.25	\$ 614.25		
SUBTOTAL (SIGNALIZATION)							\$ 3,080.00		\$ 2,976.75		\$ 1,795.51		
SIGNING AND PAVEMENT MARKING PAY ITEMS													
20	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12	5	AS	\$ 450.76	\$ 365.00	\$ 351.00	\$ 1,755.00	\$ 220.50	\$ 1,102.50	\$ 472.50	\$ 2,362.50		
21	SINGLE POST SIGN, REMOVE	3	AS	\$ 99.77	\$ 20.00	\$ 81.00	\$ 243.00	\$ 10.50	\$ 31.50	\$ 128.10	\$ 384.30		
22	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	1	AS	\$ 559.36	\$ 1,000.00	\$ 3,350.00	\$ 3,350.00	\$ 78.75	\$ 78.75	\$ 302.40	\$ 302.40		
23	RETRO-REFLECTIVE PAVEMENT MARKER	198	EA	\$ 13.00	\$ 3.00	\$ 5.00	\$ 990.00	\$ 5.25	\$ 1,039.50	\$ 5.51	\$ 1,090.98		
24	THRMPLSTC, STD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDBOUT	17.6	LF	\$ 10.58	\$ 2.00	\$ 2.70	\$ 47.52	\$ 2.47	\$ 43.47	\$ 2.10	\$ 36.96		
25	THRMPLSTC, STD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	85.9	LF	\$ 13.63	\$ 3.50	\$ 4.30	\$ 369.37	\$ 4.99	\$ 428.64	\$ 6.93	\$ 595.29		
26	THRMPLSTC, STD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	0.048	GM	\$ 5,404.51	\$ 753.00	\$ 5,700.00	\$ 273.60	\$ 1,890.00	\$ 90.72	\$ 2,493.75	\$ 119.70		

BID PROPOSAL						AVERAGE OF BID ITEMS		ENGINEERS ESTIMATE		J.W. CHEATHAM, LLC		ROSSO SITE DEVELOPMENT, INC.		LOREN JOCK TRUCKING, INC.	
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD CONTRACT															
Palm Beach County Project # 2018512															
Item #	Description	Qty	Unit	Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount				
27	THERMOPLASTIC, STANDARD, WHITE, ARROW	4	EA	\$ 191.83	\$ 120.00	\$ 97.00	\$ 388.00	\$ 99.75	\$ 399.00	\$ 115.50	\$ 462.00				
28	THRMPLSTC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	9.385	LF	\$ 31.24	\$ 3.00	\$ 3.50	\$ 32.85	\$ 3.94	\$ 36.98	\$ 3.47	\$ 32.57				
29	THRMPLSTC, STD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	1.363	GM	\$ 5,541.37	\$ 4,000.00	\$ 5,700.00	\$ 7,769.10	\$ 4,435.20	\$ 6,045.18	\$ 5,544.00	\$ 7,556.47				
30	THRMPLSTC, STD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	0.536	GM	\$ 5,662.90	\$ 4,064.00	\$ 5,700.00	\$ 3,055.20	\$ 4,435.20	\$ 2,377.27	\$ 5,544.00	\$ 2,971.58				
31	THRMPLSTC, STD-OPEN GRADED ASPH SURFACES, YELLOW, SKIP, 6", 10-30	0.448	GM	\$ 1,900.08	\$ 1,221.00	\$ 1,425.00	\$ 638.40	\$ 1,890.00	\$ 846.72	\$ 1,575.00	\$ 705.60				
SUBTOTAL (SIGNING AND PAVEMENT MARKING)							\$ 18,912.04		\$ 12,520.22		\$ 16,620.35				
CONTINGENCY ITEMS															
32	Class I Concrete (Miscellaneous)	10	CY	\$ 337.82		\$ 100.00	\$ 1,000.00	\$ 315.00	\$ 3,150.00	\$ 682.50	\$ 6,825.00				
33	Flowable Fill	10	CY	\$ 281.85		\$ 100.00	\$ 1,000.00	\$ 210.00	\$ 2,100.00	\$ 420.00	\$ 4,200.00				
34	Adjust Utility Pull Box	2	EA	\$ 468.93		\$ 500.00	\$ 1,000.00	\$ 315.00	\$ 630.00	\$ 341.25	\$ 682.50				
35	Adjust Valve Boxes	2	EA	\$ 359.83		\$ 500.00	\$ 1,000.00	\$ 315.00	\$ 630.00	\$ 341.25	\$ 682.50				
36	Support & Protect Utility Pole	2	EA	\$ 1,194.57		\$ 100.00	\$ 200.00	\$ 1,260.00	\$ 2,520.00	\$ 525.00	\$ 1,050.00				
37	Changeable (Variable Message) Sign (Non MOT)	40	ED	\$ 52.47		\$ 25.00	\$ 1,000.00	\$ 15.75	\$ 630.00	\$ 75.60	\$ 3,024.00				
38	Traffic Control Officer (Non MOT)	100	HR	\$ 55.73		\$ 25.00	\$ 2,500.00	\$ 57.75	\$ 5,775.00	\$ 55.65	\$ 5,565.00				
SUBTOTAL (CONTINGENCY)							\$ 7,700.00		\$ 15,435.00		\$ 22,029.00				
TOTAL BID							\$885,066.94		\$958,632.55		\$1,034,086.41				
Denotates math error															

BID PROPOSAL											
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD CONTRACT				MANCILS TRACTOR SERVICE, INC.		RANGER CONSTRUCTION INDUSTRIES, INC.		ENGECON CONSTRUCTION, INC.			
Palm Beach County Project # 2018512											
Item #	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
Roadway Items											
1	Mobilization	1	LS	\$100,000.00	\$ 100,000.00	\$ 107,915.00	\$ 107,915.00	\$115,000.00	\$ 115,000.00		
2	Maintenance of Traffic (incl. Pedestrian M.O.T.)	1	LS	\$100,000.00	\$ 100,000.00	\$ 129,572.00	\$ 129,572.00	\$ 30,000.00	\$ 30,000.00		
3	Sediment Barrier (Silt Fence)	3,555	LF	\$ 1.50	\$ 5,332.50	\$ 2.11	\$ 7,501.05	\$ 8.00	\$ 28,440.00		
4	Clearing and Grubbing	1	LS	\$ 60,000.00	\$ 60,000.00	\$ 76,933.00	\$ 76,933.00	\$ 80,000.00	\$ 80,000.00		
5	Floating Turbidity Barrier	3,440	LF	\$ 10.00	\$ 34,400.00	\$ 11.35	\$ 39,044.00	\$ 8.00	\$ 27,520.00		
6	Regular Excavation	533	CY	\$ 38.00	\$ 20,254.00	\$ 3.70	\$ 1,972.10	\$ 11.00	\$ 5,863.00		
7	Embankment (Compacted in Place)	8,203	CY	\$ 20.00	\$ 164,060.00	\$ 21.60	\$ 177,184.80	\$ 21.75	\$ 178,415.25		
8	Type B Stabilization (LBR 40) (12")	7,958	SY	\$ 4.00	\$ 31,832.00	\$ 5.72	\$ 45,519.76	\$ 7.45	\$ 59,287.10		
9	Optional Base Group 7	7,215	SY	\$ 13.00	\$ 93,795.00	\$ 10.50	\$ 75,757.50	\$ 17.00	\$ 122,655.00		
10	Mill Existing Asphalt Pavement (2.5" AVG)	8,858	SY	\$ 2.00	\$ 17,716.00	\$ 2.75	\$ 24,359.50	\$ 3.12	\$ 27,636.96		
11	Miscellaneous Asphalt Pavement	159	TN	\$ 250.00	\$ 39,750.00	\$ 197.25	\$ 31,362.75	\$ 223.00	\$ 35,457.00		
12	Superpave Asphalt Concrete (Traffic Level C)	1,326	TN	\$ 96.00	\$ 127,296.00	\$ 101.70	\$ 134,854.20	\$ 114.50	\$ 151,827.00		
13	Asph. Concrete Friction Course (1.0") (FC-9.5) Rubber	884	TN	\$ 165.00	\$ 145,860.00	\$ 150.35	\$ 132,909.40	\$ 170.50	\$ 150,722.00		
14	Guardrail (Roadway)	3,088	LF	\$ 18.85	\$ 58,208.80	\$ 20.22	\$ 62,439.36	\$ 22.15	\$ 68,399.20		
15	End Anchorage Assemblies (Type II)	1	EA	\$ 901.60	\$ 901.60	\$ 890.00	\$ 890.00	\$ 775.00	\$ 775.00		
16	End Anchorage Assemblies (Type Flared)	1	EA	\$ 2,817.50	\$ 2,817.50	\$ 3,112.00	\$ 3,112.00	\$ 2,745.00	\$ 2,745.00		
17	Sodding	7,482	SY	\$ 3.50	\$ 26,187.00	\$ 3.20	\$ 23,942.40	\$ 1.65	\$ 12,345.30		
SUBTOTAL (ROADWAY)				\$1,028,410.40		\$1,075,268.82		\$1,097,087.81			
SIGNALIZATION PAY ITEMS											
18	Loop Assemble, F&I, Type F	2	AS	\$ 1,618.75	\$ 3,237.50	\$ 1,080.00	\$ 2,160.00	\$ 1,130.00	\$ 2,260.00		
19	Traffic Controller Assembly, Modify	1	AS	\$ 2,000.00	\$ 2,000.00	\$ 960.00	\$ 960.00	\$ 590.00	\$ 590.00		
SUBTOTAL (SIGNALIZATION)				\$ 5,237.50		\$ 3,120.00		\$ 2,850.00			
SIGNING AND PAVEMENT MARKING PAY ITEMS											
20	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12	5	AS	\$ 540.00	\$ 2,700.00	\$ 500.00	\$ 2,500.00	\$ 450.00	\$ 2,250.00		
21	SINGLE POST SIGN, REMOVE	3	AS	\$ 60.00	\$ 180.00	\$ 135.60	\$ 406.80	\$ 122.50	\$ 367.50		
22	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	1	AS	\$ 180.00	\$ 180.00	\$ 320.00	\$ 320.00	\$ 290.00	\$ 290.00		
23	RETRO-REFLECTIVE PAVEMENT MARKER	198	EA	\$ 4.80	\$ 950.40	\$ 5.85	\$ 1,158.30	\$ 5.25	\$ 1,039.50		
24	THRMPLSTC, STD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	17.6	LF	\$ 2.40	\$ 42.24	\$ 2.22	\$ 39.07	\$ 2.01	\$ 35.38		
25	THRMPLSTC, STD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	85.9	LF	\$ 4.80	\$ 412.32	\$ 7.35	\$ 631.37	\$ 6.60	\$ 566.94		
26	THRMPLSTC, STD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	0.048	GM	\$ 2,376.00	\$ 114.05	\$ 2,750.00	\$ 132.00	\$ 2,400.00	\$ 115.20		

BID PROPOSAL				MANCILS TRACTOR SERVICE, INC.		RANGER CONSTRUCTION INDUSTRIES, INC.		ENGECON CONSTRUCTION, INC.	
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD CONTRACT									
Palm Beach County Project # 2018512									
Item #	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
27	THERMOPLASTIC, STANDARD, WHITE, ARROW	4	EA	\$ 150.00	\$ 600.00	\$ 122.22	\$ 488.88	\$ 110.50	\$ 442.00
28	THRMPLSTC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	9.385	LF	\$ 3.60	\$ 33.79	\$ 3.66	\$ 34.35	\$ 3.30	\$ 30.97
29	THRMPLSTC, STD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	1.363	GM	\$ 6,336.00	\$ 8,635.97	\$ 5,855.00	\$ 7,980.37	\$ 5,290.00	\$ 7,210.27
30	THRMPLSTC, STD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	0.536	GM	\$ 6,336.00	\$ 3,396.10	\$ 5,911.00	\$ 3,168.30	\$ 5,290.00	\$ 2,835.44
31	THRMPLSTC, STD-OPEN GRADED ASPH SURFACES, YELLOW, SKIP, 6", 10-30	0.448	GM	\$ 1,584.00	\$ 709.63	\$ 1,675.00	\$ 750.40	\$ 1,510.00	\$ 676.48
SUBTOTAL (SIGNING AND PAVEMENT MARKING)					\$ 17,954.49		\$ 17,609.83		\$ 15,859.68
CONTINGENCY ITEMS									
32	Class I Concrete (Miscellaneous)	10	CY	\$ 250.00	\$ 2,500.00	\$ 590.00	\$ 5,900.00	\$ 350.00	\$ 3,500.00
33	Flowable Fill	10	CY	\$ 300.00	\$ 3,000.00	\$ 590.00	\$ 5,900.00	\$ 300.00	\$ 3,000.00
34	Adjust Utility Pull Box	2	EA	\$ 250.00	\$ 500.00	\$ 560.00	\$ 1,120.00	\$ 300.00	\$ 600.00
35	Adjust Valve Boxes	2	EA	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00
36	Support & Protect Utility Pole	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 560.00	\$ 1,120.00	\$ 500.00	\$ 1,000.00
37	Changeable (Variable Message) Sign (Non MOT)	40	ED	\$ 22.00	\$ 880.00	\$ 22.22	\$ 888.80	\$ 14.00	\$ 560.00
38	Traffic Control Officer (Non MOT)	100	HR	\$ 58.30	\$ 5,830.00	\$ 67.00	\$ 6,700.00	\$ 45.00	\$ 4,500.00
SUBTOTAL (CONTINGENCY)					\$ 20,210.00		\$ 22,628.80		\$ 13,760.00
TOTAL BID					\$1,071,812.39		\$1,118,627.45		\$1,129,557.49
Denotates math error									

BID PROPOSAL				FLORIDA BLACKTOP, INC.		R & D PAVING, LLC		ALMAZAN CONSTRUCTION, INC.	
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD CONTRACT									
Palm Beach County Project # 2018512									
Item #	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Roadway Items									
1	Mobilization	1	LS	\$ 5,007.78	\$ 5,007.78	\$ 64,000.00	\$ 64,000.00	\$105,500.00	\$ 105,500.00
2	Maintenance of Traffic (incl. Pedestrian M.O.T.)	1	LS	\$ 64,113.43	\$ 64,113.43	\$ 46,500.00	\$ 46,500.00	\$ 75,000.00	\$ 75,000.00
3	Sediment Barrier (Silt Fence)	3,555	LF	\$ 1.65	\$ 5,865.75	\$ 1.50	\$ 5,332.50	\$ 3.00	\$ 10,665.00
4	Clearing and Grubbing	1	LS	\$ 99,727.60	\$ 99,727.60	\$119,189.00	\$ 119,189.00	\$ 75,000.00	\$ 75,000.00
5	Floating Turbidity Barrier	3,440	LF	\$ 10.54	\$ 36,257.60	\$ 9.50	\$ 32,680.00	\$ 3.00	\$ 10,320.00
6	Regular Excavation	533	CY	\$ 13.20	\$ 7,035.60	\$ 15.00	\$ 7,995.00	\$ 14.00	\$ 7,462.00
7	Embankment (Compacted in Place)	8,203	CY	\$ 18.65	\$ 152,985.95	\$ 19.10	\$ 156,677.30	\$ 14.00	\$ 114,842.00
8	Type B Stabilization (LBR 40) (12")	7,958	SY	\$ 12.92	\$ 102,817.36	\$ 7.65	\$ 60,878.70	\$ 8.00	\$ 63,664.00
9	Optional Base Group 7	7,215	SY	\$ 16.60	\$ 119,769.00	\$ 14.70	\$ 106,060.50	\$ 16.00	\$ 115,440.00
10	Mill Existing Asphalt Pavement (2.5" AVG)	8,858	SY	\$ 3.03	\$ 26,839.74	\$ 4.50	\$ 39,861.00	\$ 5.00	\$ 44,290.00
11	Miscellaneous Asphalt Pavement	159	TN	\$ 139.28	\$ 22,145.52	\$ 205.00	\$ 32,595.00	\$ 250.00	\$ 39,750.00
12	Superpave Asphalt Concrete (Traffic Level C)	1,326	TN	\$ 127.25	\$ 168,733.50	\$ 116.00	\$ 153,816.00	\$ 200.00	\$ 265,200.00
13	Asph. Concrete Friction Course (1.0") (FC-9.5) Rubber	884	TN	\$ 170.92	\$ 151,093.28	\$ 190.00	\$ 167,960.00	\$ 200.00	\$ 176,800.00
14	Guardrail (Roadway)	3,088	LF	\$ 33.23	\$ 102,614.24	\$ 24.35	\$ 75,192.80	\$ 26.50	\$ 81,832.00
15	End Anchorage Assemblies (Type II)	1	EA	\$ 1,606.28	\$ 1,606.28	\$ 855.00	\$ 855.00	\$ 1,000.00	\$ 1,000.00
16	End Anchorage Assemblies (Type Flared)	1	EA	\$ 4,244.18	\$ 4,244.18	\$ 3,010.00	\$ 3,010.00	\$ 3,250.00	\$ 3,250.00
17	Sodding	7,482	SY	\$ 2.28	\$ 17,058.96	\$ 5.10	\$ 38,158.20	\$ 3.00	\$ 22,446.00
SUBTOTAL (ROADWAY)					\$ 1,087,915.77		\$1,110,761.00		\$ 1,212,461.00
SIGNALIZATION PAY ITEMS									
18	Loop Assemble, F&I, Type F	2	AS	\$ 1,478.65	\$ 2,957.30	\$ 1,237.50	\$ 2,475.00	\$ 10,000.00	\$ 20,000.00
19	Traffic Controller Assembly, Modify	1	AS	\$ 3,165.60	\$ 3,165.60	\$ 643.50	\$ 643.50	\$ 8,000.00	\$ 8,000.00
SUBTOTAL (SIGNALIZATION)					\$ 6,122.90		\$ 3,118.50		\$ 28,000.00
SIGNING AND PAVEMENT MARKING PAY ITEMS									
20	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12	5	AS	\$ 541.85	\$ 2,709.25	\$ 231.00	\$ 1,155.00	\$ 750.00	\$ 3,750.00
21	SINGLE POST SIGN, REMOVE	3	AS	\$ 60.21	\$ 180.63	\$ 50.00	\$ 150.00	\$ 250.00	\$ 750.00
22	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	1	AS	\$ 180.62	\$ 180.62	\$ 82.50	\$ 82.50	\$ 250.00	\$ 250.00
23	RETRO-REFLECTIVE PAVEMENT MARKER	198	EA	\$ 4.82	\$ 954.36	\$ 5.50	\$ 1,089.00	\$ 75.00	\$ 14,850.00
24	THRMPLSTC, STD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	17.6	LF	\$ 3.71	\$ 65.30	\$ 2.60	\$ 45.76	\$ 75.00	\$ 1,320.00
25	THRMPLSTC, STD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	85.9	LF	\$ 7.44	\$ 639.10	\$ 5.30	\$ 455.27	\$ 75.00	\$ 6,442.50
26	THRMPLSTC, STD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	0.048	GM	\$ 4,050.83	\$ 194.44	\$ 1,980.00	\$ 95.04	\$ 25,000.00	\$ 1,200.00

BID PROPOSAL											
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD CONTRACT						FLORIDA BLACKTOP, INC.		R & D PAVING, LLC		ALMAZAN CONSTRUCTION, INC.	
Palm Beach County Project # 2018512											
Item #	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount		
27	THERMOPLASTIC, STANDARD, WHITE, ARROW	4	EA	\$ 177.01	\$ 708.04	\$ 104.50	\$ 418.00	\$ 750.00	\$ 3,000.00		
28	THRMPLSTC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	9.385	LF	\$ 5.52	\$ 51.81	\$ 4.15	\$ 38.95	\$ 250.00	\$ 2,346.25		
29	THRMPLSTC, STD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	1.363	GM	\$ 10,265.69	\$ 13,992.14	\$ 4,646.40	\$ 6,333.04	\$ 1,800.00	\$ 2,453.40		
30	THRMPLSTC, STD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	0.536	GM	\$ 10,303.54	\$ 5,522.70	\$ 4,646.40	\$ 2,490.47	\$ 2,800.00	\$ 1,500.80		
31	THRMPLSTC, STD-OPEN GRADED ASPH SURFACES, YELLOW, SKIP, 6", 10-30	0.448	GM	\$ 2,661.76	\$ 1,192.47	\$ 1,980.00	\$ 887.04	\$ 2,800.00	\$ 1,254.40		
SUBTOTAL (SIGNING AND PAVEMENT MARKING)					\$ 26,390.84		\$ 13,240.07		\$ 39,117.35		
CONTINGENCY ITEMS											
32	Class I Concrete (Miscellaneous)	10	CY	\$ 252.86	\$ 2,528.60	\$ 300.00	\$ 3,000.00	\$ 200.00	\$ 2,000.00		
33	Flowable Fill	10	CY	\$ 231.63	\$ 2,316.30	\$ 235.00	\$ 2,350.00	\$ 150.00	\$ 1,500.00		
34	Adjust Utility Pull Box	2	EA	\$ 1,204.11	\$ 2,408.22	\$ 300.00	\$ 600.00	\$ 450.00	\$ 900.00		
35	Adjust Valve Boxes	2	EA	\$ 532.22	\$ 1,064.44	\$ 350.00	\$ 700.00	\$ 150.00	\$ 300.00		
36	Support & Protect Utility Pole	2	EA	\$ 1,806.17	\$ 3,612.34	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00		
37	Changeable (Variable Message) Sign (Non MOT)	40	ED	\$ 30.10	\$ 1,204.00	\$ 17.60	\$ 704.00	\$ 250.00	\$ 10,000.00		
38	Traffic Control Officer (Non MOT)	100	HR	\$ 62.85	\$ 6,285.00	\$ 55.00	\$ 5,500.00	\$ 75.00	\$ 7,500.00		
SUBTOTAL (CONTINGENCY)					\$ 19,418.90		\$ 15,854.00		\$ 24,200.00		
TOTAL BID					\$ 1,139,848.41		\$1,142,973.57		\$ 1,303,778.35		
Denotates math error											

BID PROPOSAL	
Palm Beach County Project #2018512	
MACK DAIRY ROAD FROM INDIANTOWN ROAD TO 200' NORTH OF OLD INDIANTOWN ROAD	
THE COUNTY DOES NOT GUARANTEE THE ACCURACY OF THE FORMULAS AND EXTENSIONS USED IN THIS SPREADSHEET.	
THE ITEMS AND QUANTITIES ABOVE, SHALL GOVERN OVER THE PLANS.	
PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.	
Note #	PAY ITEM FOOTNOTES
1	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.
2	All items shall include cost to furnish and install unless otherwise noted.
3	Clearing and Grubbing includes cost of removal of existing drainage structures and pipes; asphalt pavement; curbs; base; sod; and any other items to be removed that are not specifically covered under another separate pay items. Includes all sawcutting.
4	Prime and tack coats are incidental to asphalt construction.
Working days to complete project: 150 Calendar Days (See Special Provisions)	
Bids as read at opening on Tuesday, December 11, 2018; 2:00 PM	
All bids subject to OSBA SBE compliance and Board Approval.	
Prepared by: Geraldine Lazzarino-Kelly, Technical Assistant I	
Checked by: Holly B. Knight, P.E., Contracts Section Manager	