

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date:	July 10, 2018	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
		<input type="checkbox"/> Workshop	<input type="checkbox"/> Public Hearing
Department:	Engineering & Public Works		
Submitted By:	Engineering & Public Works		
Submitted For:	Roadway Production Division		

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a contract with Florida Safety Contractors, Inc. (FSCI) in the amount of \$532,222.64 for the construction of overhead flashing school zone signs (project).

SUMMARY: Approval of this contract will allow Palm Beach County (County) to issue a notice to proceed to FSCI, a Hillsborough County based company, to begin construction of the project. The proposed work will add overhead flashing school zone signs at six schools throughout the County. On September 12, 2017 the Board of County Commissioners approved a Local Agency Program Agreement (R2017-1209) with the Florida Department of Transportation (FDOT) whereby the FDOT granted the County \$591,941 toward the construction of the project. Construction is expected to be completed in early 2019. The Small Business Enterprise (SBE) goal for all projects is 15%, but the SBE compliance is not applicable due to federal funding restrictions. Districts 2, 3 & 7 (LBH)

Background and Justification: Bids for the project were received by the Engineering Department on April 10, 2018. Time to complete all work under this contract shall be 210 calendar days.

Attachments:

1. Location Map
2. Contract
3. Bid Tabulation

Recommended by:  6/26/2018
Department Director Date

Approved By:  7/1/18
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2018	2019	2020	2021	2022
Capital Expenditures	\$604,290	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
Grant Revenues	(\$546,223)	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$ 58,067 ✓	-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 X No

Budget Account No:

Fund 3500 Dept 361 Unit 1502-001 Object 6408/3104

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvement Fund	
Traffic Signals-Mast Arms-FY2012	
Overhead School Zone Flashers LAP Funded	
Construction Contract	\$532,222.64
Contingency	\$ 15,967.00
Testing Lab	\$ 5,000.00
Traffic Signalization, Striping & Signage	\$ 14,000.00
Staff Costs -	
Roadway Production	\$ 10,600.00
Roadway Production (Survey)	\$ 5,300.00
Construction Coordination	\$ 21,200.00 ✓
	\$604,289.64 ✓
Allowable Federal LAP Grant Expenses	(\$546,222.64)
Fiscal Impact	\$ 58,067.00 ✓

C. Departmental Fiscal Review: Alice Karlman

III. REVIEW COMMENTS

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

Robert Hanna 6/13/18
OFMB
Contract Dev. and Control
6/12/18
6/27/18

B. Approved as to Form and Legal Sufficiency:

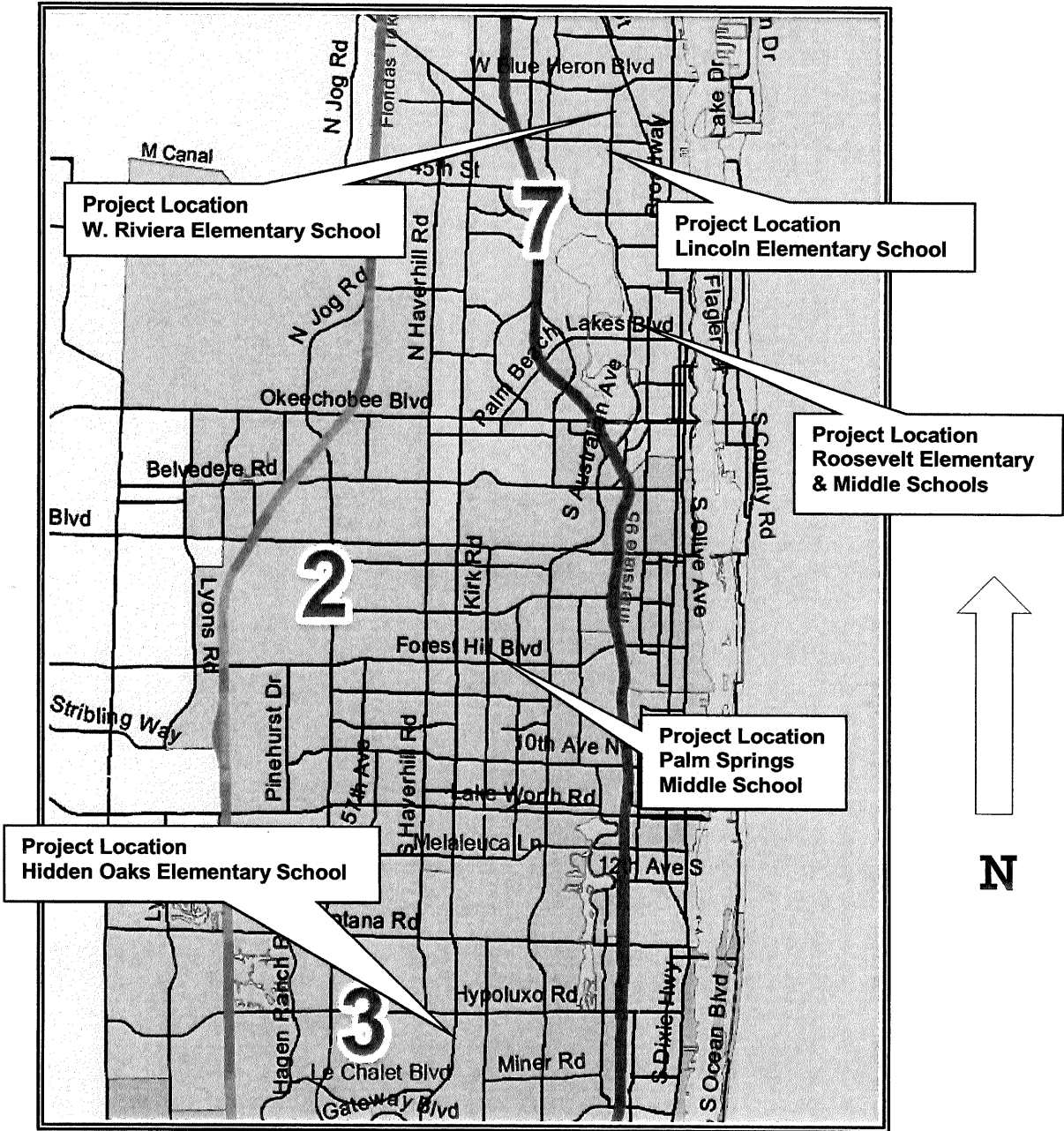
M. B. Herman 6/28/18
Assistant County Attorney

C. Other Department Review:

Department Director

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

PROJECT LOCATION
OVERHEAD FLASHING SCHOOL ZONE SIGNS
PALM BEACH COUNTY PROJECT #2015708



LOCATION MAP

Overhead Flashing School Zone Signs

Project #2015708

FM #4366930-1

ITEM #		DESCRIPTION	QTY	UNITS	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID ITEMS										
1	101-1	Mobilization	1	LS	\$ 35,400.61	\$60,899.69	\$ 45,801.21	\$ 45,801.21	\$ 25,000.00	\$ 25,000.00
2	102-1	Maintenance of Traffic	1	LS	\$ 26,480.56	\$76,124.61	\$ 32,961.11	\$ 32,961.11	\$ 20,000.00	\$ 20,000.00
3	104-10-3	Sediment Barrier	225	LF	\$ 10.75	\$364.50	\$ 11.49	\$ 2,585.25	\$ 10.00	\$ 2,250.00
4	104-18	Inlet Protection System	3	EA	\$ 189.86	\$305.25	\$ 229.71	\$ 689.13	\$ 150.00	\$ 450.00
5	110-4	Removal of Existing Concrete Pavement	78	SY	\$ 23.29	\$830.70	\$ 26.57	\$ 2,072.46	\$ 20.00	\$ 1,560.00
6	522-1	Concrete, Sidewalk and Driveways, 4" Thick	91	SY	\$ 89.35	\$3,696.42	\$ 108.70	\$ 9,891.70	\$ 70.00	\$ 6,370.00
7	570-1-2	Performance Turf, Sod	53	SY	\$ 20.99	\$152.64	\$ 31.98	\$ 1,694.94	\$ 10.00	\$ 530.00
8	641-2-70B	Complete Pole Removal - Deep	1	SY	\$ 3,926.81	\$7,425.83	\$ 6,653.62	\$ 6,653.62	\$ 1,200.00	\$ 1,200.00
9	700-1-11	Single Post Sign, F&I Ground Mount, Up To 12 SF	22	AS	\$ 713.25	\$7,883.70	\$ 776.50	\$ 17,083.00	\$ 650.00	\$ 14,300.00
10	700-1-12	Single Post Sign, F&I Ground Mount, 12 - 20 SF	1	AS	\$ 970.00	\$1,083.43	\$ 440.00	\$ 440.00	\$ 1,500.00	\$ 1,500.00
11	700-1-50	Single Post Sign, Relocate	1	AS	\$ 413.41	\$311.51	\$ 326.81	\$ 326.81	\$ 500.00	\$ 500.00
12	700-1-60	Single Post Sign, Remove	30	AS	\$ 52.24	\$572.40	\$ 54.47	\$ 1,634.10	\$ 50.00	\$ 1,500.00
13	700-3-2-04	Overhead Sign Panel - 31-50 SF	9	EA	\$ 1,540.94	\$17,771.04	\$ 1,081.88	\$ 9,736.92	\$ 2,000.00	\$ 18,000.00
14	700-3-501	Sign Panel, Relocate, Up To 12 SF	1	EA	\$ 320.62	\$118.43	\$ 141.24	\$ 141.24	\$ 500.00	\$ 500.00
15	700-4-112	Overhead Cantelever Sign Structure (21-30 Ft)	4	EA	\$ 33,744.20	\$283,720.00	\$ 26,988.39	\$ 107,953.56	\$ 40,500.00	\$ 162,000.00
16	700-4-113	Overhead Cantelever Sign Structure (31-40 Ft)	5	EA	\$ 41,850.62	\$295,332.00	\$ 32,701.23	\$ 163,506.15	\$ 51,000.00	\$ 255,000.00
17	700-12-32-2	Overhead Mount Solar-Powered Sign Beacon (Two Beacon)-Including School Zone Flashers	18	EA	\$ 5,267.42	\$131,316.12	\$ 4,909.84	\$ 88,377.12	\$ 5,625.00	\$ 101,250.00
18	711-11-123	Thermoplastic, Standard, White, Solid, 12" for Crosswalk and Roundabout	384	LF	\$ 3.01	\$695.04	\$ 3.02	\$ 1,159.68	\$ 3.00	\$ 1,152.00
19	711-11-125	Thermoplastic, Standard, White, Solid, 24" for Stop Line and Crosswalk	856	LF	\$ 6.17	\$2,730.64	\$ 8.33	\$ 7,130.48	\$ 4.00	\$ 3,424.00
20	711-11-160	Thermoplastic, Standard, White, Message or Symbol	17	EA	\$ 265.22	\$1,527.45	\$ 380.43	\$ 6,467.31	\$ 150.00	\$ 2,550.00
21	711-17	Thermoplastic, Remove Existing Thermoplastic Pavement Markings	2,595	SF	\$ 4.12	\$7,162.20	\$ 4.23	\$ 10,976.85	\$ 4.00	\$ 10,380.00
22	690-31-1	Signal Pedestal, Remove	11	EA	\$ 425.00	\$300.00	\$ 750.00	\$ 8,250.00	\$ 100.00	\$ 1,100.00
SUBTOTAL (BASE BID)								\$ 525,532.64		\$ 630,516.00
CONTINGENCY ITEMS										
23	---	Class I Concrete (Miscellaneous)	5	CY	\$ 350.00	\$362.44	\$ 500.00	\$ 2,500.00	\$ 200.00	\$ 1,000.00
24	---	Flowable Fill	5	CY	\$ 162.50	\$205.14	\$ 150.00	\$ 750.00	\$ 175.00	\$ 875.00
25	---	Changeable (Variable Message) Sign (Non MOT)	30	ED	\$ 42.50	\$23.51	\$ 35.00	\$ 1,050.00	\$ 50.00	\$ 1,500.00
26	---	Traffic Control Officer (Non MOT)	30	HR	\$ 65.00	\$56.34	\$ 65.00	\$ 1,950.00	\$ 65.00	\$ 1,950.00
27	700-1-12	Single Post Sign, F&I Ground Mount, 12 - 20 SF	1	AS	\$ 970.00	\$1,083.43	\$ 440.00	\$ 440.00	\$ 1,500.00	\$ 1,500.00
SUBTOTAL (CONTINGENCY)								\$ 6,690.00		\$ 6,825.00
TOTAL BID								\$ 532,222.64		\$ 637,341.00

PBC PROJECT #2015708		
Overhead Flashing School Zone Signs		
<i>THE ITEMS AND QUANTITIES SHOWN, SHALL GOVERN OVER THE PLANS.</i>		
<i>PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.</i>		

PAY ITEM FOOTNOTES:		
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.		

<u>Note #</u>		<u>PAY ITEM FOOTNOTES</u>
1	101-1	Includes all costs associated with mobilization and demobilization
2	102-1	Includes all costs associated with furnishing, installing, maintaining and removal of all items of maintenance of traffic. Lights and flags are required on the first two warning signs in the series.
8	641-2-70B	Includes pole and complete removal of the pole foundation depth of up to 25 feet. Includes disposal of pole.
9	700-1-11	All proposed school warning signs and supplemental signs shall have flourescent yellow-green backgrounds.
11	700-1-60	When location of existing post mounted flasher assembly to be removed is in the sidewalk or behind the sidewalk, the foundations shall be totally removed and when location of existing post mounted flasher assembly to be removed in in a median separator the foundation shall be removed down to 4 inches below the top elevation of the traffic separator and then capped with 4 inches of concrete finished flush with the top of the separator. Item includes all costs associated with removal of post mounted flasher assembly, disconnection from power supply and coordination with FPL.
12	700-4-112	Contractor is responsible for coordination with FPL for de-energizing power lines.
13	700-12-32	Includes all costs associated with furnishing, installing solar power assembly to power flashing beacons. Refer to FDOT approved products list for solar panels. Includes two beacons which shall be furnished and installed per school zone sign as required by palm beach county standards.
14		All items shall include cost to furnish and install unless otherwise noted.

Working days to complete project: 210 calendar days, (See Special Provisions).

Bids as read at opening on Tuesday, April 10, 2018; 2:00 PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Geraldine Lazzarino-Kelly, Technical Assistant 1

Checked by: Holly B. Knight, P.E., Contracts Section Manager