

**Lee County Board Of County Commissioners  
Agenda Item Summary**

**Blue Sheet No. 20050471**

**1. ACTION REQUESTED/PURPOSE:** Approve Change Order No. 5 to APAC-Southeast, under B-04-06 U.S. 41 (SR 739) Mariana Avenue to North of Littleton Road, in the amount of \$72,746.11 for signalization costs. Also approve Budget Transfer of \$72,747 from the Transportation Capital Improvement Fund Reserves to U.S. 41 (SR 739) Mariana Avenue to North of Littleton Road project and amend FY 04/05 – 08/09 CIP accordingly. This Change Order was anticipated and funds will be available upon execution of the transfer request.

**2. WHAT ACTION ACCOMPLISHES:** Provides Lee County with a Contractor to provide signalization for the U.S. Business 41 widening project.

**3. MANAGEMENT RECOMMENDATION:** Staff recommends approval.

<b>4. Departmental Category:</b> 09 Transportation <i>C9a</i>		<b>5. Meeting Date:</b> <i>4-26-05</i>
<b>6. Agenda:</b> <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On	<b>7. Requirement/Purpose: (specify)</b>	
	<input type="checkbox"/> Statute	<input type="checkbox"/> Ordinance
	<input checked="" type="checkbox"/> Admin. Code <i>AC-4-4</i>	<input type="checkbox"/> Other
	<b>8. Request Initiated:</b> Commissioner _____ Department <u>Transportation</u> Division _____ By: <u>Scott Gilbertson, Director</u>	

**9. Background:**

On March 29, 2004, Lee County Commissioners approved the bid award of B-04-06 U.S. Business 41 (SR 739) from Mariana Avenue to North of Littleton Road in order to widen existing U.S. Business 41 from two lanes to four lanes with utilities, drainage, lighting and signalization, and an alternate noise wall.

Change Orders No. 1 through No. 4 were approved for this project in the amount of \$73,119.35. It is being recommended that Change Order No. 5 be approved in the amount of \$72,746.11.

Florida Department of Transportation has agreed to fund the signalization costs at the intersection of Pine Island Road (S.R. 78) and U.S. Business 41 (S.R. 739) under the CIGP agreement from the State Legislature in FY 06. Since FY 06 does not begin until July 2005, the County will advance the costs for the State. The CIGP agreement will be brought back before the Board at the commencement of FY 06. At that time, budget will be established to receive reimbursement from FDOT for the signalization costs.

Funds will be available in account string 20402030700.506540

- Attachments: 1. One (1) original Change Order No. 5 for execution  
2. Budget Transfer

**10. Review for Scheduling:**

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services				County Manager/P.W. Director
					Analyst	Risk	Grants	Mgr	
<i>[Signature]</i>	<i>[Signature]</i>	N/A		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

**11. Commission Action:**

- Approved  
 Deferred  
 Denied  
 Other

Rec. by CoAtty

Date: *4/8/05*

Time: *4:06*

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Forwarded To:

*Admin. 4/11/05*

RECEIVED BY  
COUNTY ADMIN: *[Signature]*

*4-11-05* *[Signature]*

*4:30 pm*

COUNTY ADMIN

FORWARDED TO: *[Signature]*

*4-13-05*

*2:45 pm*

(A Change Order Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners over \$50,000)

CONTRACT/PROJECT NAME: U.S. BUSINESS 41 (SR 739) Mariana Ave. to North of Littleton Road.

CONTRACTOR: APAC-Southeast, Inc PROJECT NO.: LCDOT 4020 Account #: \_\_\_\_\_

CONTRACT NO.: 2757 BID NO.: B-04-06

CHANGE REQUESTED BY: Betsy Rowan DATE OF REQUEST: 3/3/05

Upon the completion and execution of this Change Order by both parties to the Contract the Contractor is authorized to and shall proceed to make the following changes in the Contract Documents:

Description: Upgrade system to meet future needs.

Purpose of Change Order: Lee County Traffic Department requested a change at the intersection of Pine Island Road (S.R. 78) and S.R. 739 (U.S. Business 41) to change the Signals from an X-span to a box-span system. The change includes the addition of cameras and an interconnect system. This will allow for the system to accommodate for future needs. Lee County Traffic Department requested the elimination of the Street Light Cabling system and replaced it with break-away fuse holders with rubber boots and surge arrestors. The Florida Department of Transportation has agreed to fund the \$ 72,746.11 under the CIGP agreement from the State Legislature for FY 06, and provide payment to Lee County.

Attachments (List documents supporting change) **Project Line ITEM BREAKDOWN AND CONTRACTOR PROPOSALS**

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIME:

Original Contract Price

Original Contract Time

\$ 6,262,879.89 (LCU \$ 323,600.75)  
( FDOT \$ 1,241,957.70)

395  
Calendar Days

Previous Change Orders No. 1 to No. 4

Net change from previous Change Orders

- 1) \$ ( 3001.21) LCU
- 2) \$ 4,733.96 LCDOT
- 3) \$ 39,745.60 LCDOT
- 4) \$ 31,641.00 LCU

- 1) 8 Days
- 3) 45 Days
- 4) 15 Days

Calendar Days

Contract Price prior to this Change Order

Contract Time prior to this Change Order

\$ 6,307,359.45 (LCU \$ 352,240.54)  
( FDOT \$ 1,241,957.7)

463  
Calendar Days

Net Increase (Decrease) of this Change Order  
\$ 72,746.11

Net Increase (Decrease) of this Change Order

0  
Calendar Days

Contract Price with all approved Change Orders

Contract Time with all approved Change Orders

\$ 6,380,105.56 (LCU \$ 352,240.54)  
( FDOT \$ 1,241,957.7)

463  
Calendar Days

It is understood and agreed that the acceptance of this modification by the CONTRACTOR constitutes an accord and satisfaction, and represents payment in full (both time and money) for all costs arising out of, or incidental to, the above mentioned change.

RECOMMENDED:

ACCEPTED:

COUNTY APPROVAL:

BY: \_\_\_\_\_  
Consultant (if applicable) Date

BY: Wes Tanner  
Contractor

BY: \_\_\_\_\_  
Department Director  
(Under \$25,000)

BY: Betsy Rowan  
County Project Manager

Wes TANNER  
(PRINT NAME)

Date Approved: \_\_\_\_\_

BY: [Signature] 3/21/05  
Department Director Date

Date Accepted: 3/10/05

BY: \_\_\_\_\_  
County Manager  
(Under \$50,000)

[Signature] 4/6/05  
Contracts Management Date

Corporate Seal

Date Approved: \_\_\_\_\_

APPROVED:

BY: \_\_\_\_\_  
Chairman  
Board of County Commissioners  
(Over \$50,000)

\_\_\_\_\_  
County Attorney's Office Date

Date Approved: \_\_\_\_\_

SF 739 Business 41 Signalization Costs

	Description	New Quantity	Old Quantity	Difference	Unit Measure	Existing Unit Price	New Total Cost	Old Total Cost	Difference	Remarks
555-1-1	Directional Bore (<6")	422	114	231	LF	\$30.90	\$10,660.50	\$3,522.60	\$7,137.90	
555-1-2	Directional Bore (>6")	345	537	5370	LF	\$106.10	\$36,604.50	\$56,975.70	(\$20,371.20)	
630-1-12	Conduit(F&I)(UG)(2"PVC)	5907	6108	-201	LF	\$4.90	\$28,944.30	\$29,929.20	(\$984.90)	
630-1-12	Conduit(F&I)(UG)(3"PVC)	0	1446	-1446	LF	\$4.90	\$0.00	\$7,085.40	(\$7,085.40)	Deleted 3" Conduit
630-1-12	Conduit(F&I)(UG)(1 1/4"PVC)	16,416	0	16416	LF	\$4.90	\$80,436.40	\$0.00	\$80,436.40	
630-1-22	Conduit(F&I)(UG)(2"PVC)	1035	1485	-450	LF	\$5.15	\$5,330.25	\$7,647.75	(\$2,317.50)	
630-1-22	Conduit(F&I)(UG)(3"PVC)	0	299	-299	LF	\$5.15	\$0.00	\$1,539.85	(\$1,539.85)	Deleted 3" Conduit
630-1-22	Conduit(F&I)(UG)(1 1/4"PVC)	1,821	0	1821	LF	\$5.15	\$9,378.15	\$0.00	\$9,378.15	
632-7-1	Signal Cable (F&I)	3	3	0	PI	3,090.00	\$0.00	\$0.00	\$0.00	
632-8-212	Cable Interc. F&I(1-25PR,UG)	9264	1780	7484	LF	\$1.55	\$14,359.20	\$2,759.00	\$11,600.20	
634-4-113	Span Wire Box	1	1	0	PI	\$2,356.93	\$2,356.93	\$2,575.00	(\$218.07)	Deleted 634-4-112
635-1-11	P&J Boxes(F&I) (PULL BOX)	65	54	11	EA	\$309.00	\$20,085.00	\$16,686.00	\$3,399.00	
635-1-13	P&J Boxes(F&I) (Mount Junction Bo	0	1	-1	EA	\$412.00	\$0.00	\$412.00	(\$412.00)	
650 51-313	Traffic signal (3sect)(1way)	39	27	12	AS	\$772.50	\$1,223.68	\$47,723.52	\$20,857.50	
650 51-513	Traffic signal (5 sect)(1way)	5	6	-1	AS	\$1,184.50	\$2,009.70	\$10,048.50	\$7,107.00	Plan Error/Unit Price & Increase due to addition of more LED TYPE
653-181	Signal Pedest.F&I Led (1Dir)	12	10	2	AS	\$412.00	\$4,944.00	\$4,120.00	\$824.00	
653-182	Signal Pedest.F&I Led (2Dir)	5	6	-1	AS	\$839.45	\$4,197.25	\$5,036.70	(\$839.45)	
659-101	Signal Head AUX B. PLATES	19	13	6	EA	\$97.85	\$1,859.15	\$1,272.05	\$587.10	
659-106	Signal Head AUX Tunnel Vis.	152	116	36	EA	\$25.75	\$3,914.00	\$2,987.00	\$927.00	
659-107	Signal Head AUX ALUM PED.	13	10	3	EA	\$515.00	\$6,695.00	\$5,150.00	\$1,545.00	
660-1-109	Loop Dec.(F&I) Type 9	15	26	-11	EA	\$247.20	\$3,708.00	\$6,427.20	(\$2,719.20)	
660-1-110	Loop Dec.(F&I) Type 10	2	3	-1	EA	\$360.50	\$721.00	\$1,081.50	(\$360.50)	
660-2-102	Loop Assem.(F&I) Type B	18	24	-6	AS	\$437.75	\$7,879.50	\$10,506.00	(\$2,626.50)	
660-2-106	Loop Assem.(F&I) Type F	8	22	-14	AS	\$746.75	\$5,974.00	\$16,428.50	(\$10,454.50)	
663-74-11	Vehicle Detector Optical	4	0	4	EA	\$8,827.05	\$35,308.20	\$0.00	\$35,308.20	
665-11	Pedestrian Detect.F&I/	3	5	-2	EA	\$154.50	\$463.50	\$772.50	(\$309.00)	
665-13	Pedestrian Det. With sign ont.	18	16	2	EA	\$154.50	\$2,781.00	\$2,472.00	\$309.00	
690-91	Remove Interconnect Cable	3150	0	3150	LF	\$1.00	\$3,150.00	\$0.00	\$3,150.00	
715-5-11	Luminaire & Bracket Arm	4	0	4	EA	\$1,011.55	\$4,046.20	\$0.00	\$4,046.20	
400-1-15	Comp. Class 1 (Miscellaneous)	0	55.7	-55.7	CY	\$206.00	\$0.00	\$11,474.20	(\$11,474.20)	
715-14-12	Pull Box (F&I) ( SideWalk)	26	88	-62	EA	\$309.00	\$8,034.00	\$24,642.75	(\$16,608.75)	
715-500-1	Pole Cable Distribution System	0	62	-62	EA	\$927.00	\$0.00	\$57,474.00	(\$57,474.00)	





& Associates, Inc.

# LETTER OF TRANSMITTAL

PLANNING  
PUBLIC INVOLVEMENT  
PROJECT MANAGEMENT  
PERMITTING  
CEI

**CELLA & ASSOCIATES, INC.**

2125 FIRST STREET, SUITE 201  
FORT MYERS, FLORIDA 33901  
PHONE: (941) 337-1071  
FAX: (941) 337-1076

COMPANY: Lee County Traffic.  
ADDRESS: 5560 Zip Drive  
Fort Myers, Fl. 33913

DATE: October 22, 2004  
Lee County CIP PROJECT #: 4020  
ATTENTION: Rich Lisenbee, Signal Inspector  
RE: SR 739 (US BUS. 41) FIN Project 195754-1-54-01

### WE ARE SENDING YOU:

- ATTACHED       FORWARDED SEPARATELY      VIA Hand Delivered  
 Letter       Proposal       Plans       Invoice       Diskette  
 Copies       SF 254       Resumes       Original  
 [Shop Drawings] Other \_\_\_\_\_

QUANTITY	DESCRIPTION
2 EA.	Signal Submittal.

### THESE ARE TRANSMITTED AS CHECKED BELOW:

- For Approval       For Your Use       As Requested  
 For Review and Comment       Other \_\_\_\_\_

REMARKS: For your review and approval. Attached are unit prices from our contractor. The contractor is telling us the prices are in line with recent signal work with Lee County .

CC: File: 2.02.93 ✓ 5.03E 10.01
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SIGNED: <u>C. Duncan St. Clair</u> Name: C. Duncan St. Clair Title: Project Administrator
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IF MATERIAL RECEIVED IS NOT AS LISTED, PLEASE NOTIFY US AT ONCE  
2125 First Street, Suite 201 • Fort Myers, FL 33901

**ASHLAND**

APAC-Southeast, Inc.

October 1, 2004

A subsidiary of Ashland Paving And Construction, Inc.  
Southern Florida Division  
14299 Alico Road  
Ft Myers, FL 33913  
Tel: 239 267-7767, Fax: 239 267-1336  
www.apac.com

Mr. Duncan St. Clair  
Project Administrator  
Cella & Associates, Inc.  
2125 First Street, Suite 201  
Fort Myers, FL 33901

Re: Change Order Request (Mid-Continent Electric, Inc.)  
Project: US Business 41 (SR 739) From Mariana Avenue to North of Littleton Road  
Financial Project ID: 195754-1-54-01  
Lee County No.: 12001  
Contract No.: 2757  
Location: Lee County, Florida

Dear Duncan:

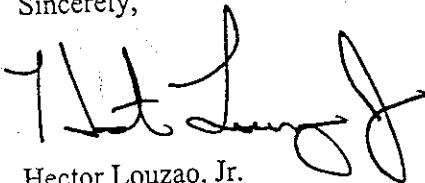
As requested a price for the accompanying items from our sub-contractor Mid-Continent Electric, Inc. plus APAC Southeast, Inc.'s mark-up of ten percent and one and a half percent for bond cost:

- Span Wire Box, 1.00 PI @ \$2,356.93 = \$2,356.93
- Traffic Signal, STD. (3 SECT 1 WAY), 39.00 AS @ \$1,223.68 = \$47,723.52
- Traffic Signal, STD. (5 SECT 1 WAY), 6.00 AS @ \$2,009.70 = \$12,058.20
- Vehicle Detector Optical, 4.00 EA @ \$8,827.05 = \$35,308.20
- Remove Interconnect Cable, 3,150.00 LF @ \$1.00 = \$3,150.00
- Luminaire & Bracket Arm, 4.00 EA @ \$1,011.55 = \$4,046.20

Please follow up with a Change Order to APAC to complete this work.

If you should have any questions, please let me know.

Sincerely,



Hector Louzao, Jr.  
Project Manager  
APAC Southeast, Inc.  
Southern Florida Division

**RECEIVED**  
OCT 05 2004

CELLA & ASSOCIATES, INC.

HL/hl 014

2.01.41

**apac**

09/29/2004 12:01 000 0000

PROJECT NUMBER: B-04-06

COUNTY: Lee  
LOCATION: US Business 41

BID DATE: December 30, 2003  
Revised September 29, 2004

<b>Mid-Continent Electric, Inc.</b>	
4586 Progress Avenue	Naples, Florida 34104
Phone (239) 643-0266	Fax (239) 643-5821

634 4 113	1.00 PI Span Wire Box	\$2,111.00	\$2,111.00 *
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650 51 313 /	39.00 AS Traffic Signal, STD. (3 SECT 1 WAY)	\$1,096.00	\$42,744.00 *
650 51 513 J	6.00 AS Traffic Signal, STD. (5 SECT 1 Way)	\$1,800.00	\$10,800.00 *

663 74 11	4.00 EA Vehicle Detector Optical	\$7,906.00	\$31,624.00 *
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690 91	3,150.00 LF Remove Interconnect Cable	\$0.90	\$2,835.00
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715 5 11	4.00 EA Luminaire & Bracket Arm	\$906.00	\$3,624.00
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# CELLA & ASSOCIATES, INC.

2125 FIRST STREET  
SUITE 201  
TELEPHONE (239) 337 1071  
FAX NUMBER (239) 337-1076  
FORT MYERS, FLORIDA  
33901

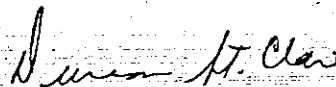
PLANNING, PUBLIC INVOLVEMENT, PROJECT  
MANAGEMENT, PERMITTING AND CEI

TO: Hector Louzao  
FROM: C. Duncan St. Clair

DATE: October 4, 2004  
RE: Street Light Cabling System

The County would like to have the cabling system removed from the lighting job. They would rather have the break-a-way fuse holders with rubber boots and surge arrestors. Please check with Mid-Continent Electric to see if they have a problem with this.

Sincerely,



C. Duncan St. Clair  
Project Administrator

cc: Steve Miller, P.E., Sr. Project Engineer  
Betsy Rowan, LC DOT Project Manager  
File: 2.02.78 ✓



January 5, 2005

To: Betsy Rowan  
 Project Manager

From: Duncan St. Clair  
 Project Administrator

Subject: Revised Lighting Pay-Items (Mid-Continent Electric, Inc.)

Reference: Project: US Business 41 (SR739) From Mariana Avenue to North of Littleton Road  
 Financial Project ID: 195754-1-54-01  
 Lee County No.: 12001  
 Contract Number: 2757  
 Location: Lee County, Florida

The cost savings to eliminate the harness is as follows:

Item Number	Description	Quantity	Cost	Total
400-1-15	Class 1 Concrete	55.7 cy	\$206.00	\$11,474.20
715-14-12	Pull boxes in sidewalk	62 ea	\$309.00	\$19,158.00
715-500-1	Pole cable distribution systems	62 ea	\$927.00	\$57,474.00
			Total	\$88,106.20

Revised Contract Price:

Item Number	Description	Quantity	Cost	Total	Difference
715-622-104	Light pole complete	16	\$2,555.00	\$40,890.56	+ \$4,634.56
715-622-204 *	Light pole complete	24	\$2,594.74	\$62,273.76	+ \$2,018.76
715-622-304	Light pole complete	11	\$2,770.04	\$30,470.44	+ \$5,827.69
715-622-404 **	Light pole complete	11	\$2,797.95	\$30,777.45	+ \$7,601.85
				Total	+ \$20,082.86

Savings:	\$88,106.20	Deleted Items
	<u>- 20,082.86</u>	Increase in Lighting Costs
	\$68,023.64	Total Savings

\* - Item No. 715-622-204 quantity revised from 26 each to 24 each - Decreased by 2

\*\* - Item No. 715-622-404 quantity revised from 9 each to 11 each - Increased by 2

cc: File 202.154

*MS*  
*162*

December 13, 2004

Subject: Signals Meeting Minutes - By Duncan St. Clair, Cella & Associates, Inc.  
Meeting Conducted By Betsy Rowan, Lee County DOT

Reference: Financial Project ID: 195754-1-54-01  
Federal Aid Project Number: N/A  
Contract Number: 2757  
SR 739 (US Bus 41), Lee County

Meeting Convened: December 7, 2004, 1:00 PM

I. Attendees

- Rich Lisenbee, Traffic Signal Inspector, LCDOT
- Mike Say, Staff Engineer, LCDOT
- Mike Berens, Traffic Superintendent, LCDOT
- Mike Russell, KCCS
- Betsy Rowan, Project Manager, LCDOT
- Duncan St. Clair, Project Administrator, Cella & Associates, Inc.

II. Objectives

- Proposed installation of cameras at the intersection of SR 739 and Bayshore Road
- Find the funding for the additional work added to the contract
- Betsy Rowan stated that the county had no additional money for the addition of cameras at the intersection of SR 739 and Bayshore Road
- The Lee County Traffic Department needs to find an additional \$84,000.00 if the upgrade to the signalization is to be realized

III. Solution

- Rich Lisenbee is checking with Lawrence Massey of the FDOT concerning money for the interconnect cable and conduit
- If the FDOT pays for the interconnect cable, \$72,368.10, and the conduit for the cable, \$11,600.20 (a total of \$83,968.30), it would cover the improvements the county traffic department feels are necessary
- Traffic will get back to Betsy Rowan after Rich Lisenbee talks with Lawrence Massey of the FDOT

File 202.141 ✓