

ADDENDUM No. 1

March 28, 2011

TO

THE CONTRACT DOCUMENTS
FOR THE CONSTRUCTION OF

**COUNTY LINE RD & COBBLESTONE DR / NEW EAST RD
INTERSECTION SIGNALIZATION**

IN

HERNANDO COUNTY, FLORIDA

SOLICITATION NO. 11-0023

C.E.O. # 0716

NOTICE

BIDDERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF THIS ADDENDUM IN THE SPACE PROVIDED AND RETURN AT THE TIME OF BID DATE.

TO ALL PLAN HOLDERS:

The following changes, additions and/or deletions are hereby made a part of the Addendum No. 1 document for the **County Line Rd & Cobblestone Dr / New East Rd Intersection Signalization**, located in Hernando County, as fully and completely as if the same were fully set forth therein and referenced to:

SPECIFICATIONS

- Replace the Bid Schedule with the new **REVISED BID SCHEDULE dated March 18, 2010 (Addendum No. 1)**.

CLARIFICATIONS

- **Clarification 1:** Plans prepared with FDOT Index 2008, therefore that year document is the governing standards.
- **Clarification 2:** Sheet T-2, Pay Item 663-74-11 Vehicle Detection Optical, 4 EA, shall be Econolite Solo Terra.
- **Clarification 3:** Sheet T-2, Pay Item Note 2, 630-1-12 and 630-1-22, delete note.
- **Clarification 4:** Sheet T-3, Pay Item Note 10, 670-5-132, delete the sentence "The controller shall be housed in a Type "V" cabinet. The cabinet shall include an eight phase backplate with a minimum of 16 positions on the load bay". See Traffic Signal Controller Specifications for controller cabinet for this project.
- **Clarification 5:** Sheet T-3, Controller Specifications Note 3, UPS shall be a model PB2000-ITS Powerback, with automatic transfer switch and generator connection, and it shall be housed in a separate base mount cabinet.
- **Clarification 6:** Sheet T-4, the new signal installation shall be connected to the existing fiber optic

Addendum 1, March 18, 2011

interconnect cable located on the south side of intersection. Pasco County traffic to provide connection diagram.

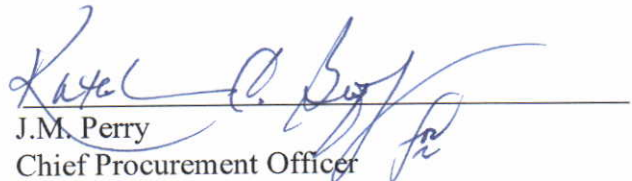
- **Clarification 7:** Sheet T-4, the new signal installation shall be constructed per wiring diagram provided by Pasco County; and using Pasco County Standard Splice Details (attached).
- **Clarification 8:** Sheet T-5, Pay Item 711-17 Remove Striping, Thermoplastic, 268 LF, shall be accomplished by water blasting.

PLANS

- Replace the Summary of Quantities Sheet T-2 with the new **REVISED SUMMARY OF QUANTITIES SHEET T-2.** This sheet revises the quantities of directional bore and conduits.
- Replace the Plan Sheet T-2 with the new **REVISED PLAN SHEET T-4.** This sheet revises the quantities of directional bore and conduits.

ACKNOWLEDGEMENT

By: _____
Vendor Authorized Signature



J.M. Perry
Chief Procurement Officer

Issued: March 28, 2011

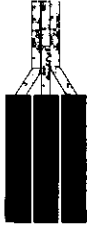
Signal Cable Splice Detail



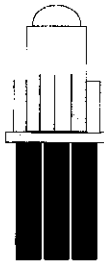
Strip all wires use care not to cut any strands of the wire.



Twist all wires together.



Solder all wires using only rosin core solder with a soldering gun or iron. "NO OPEN FLAME SOLDERING SHALL BE USED."



Twist on wire nut, size of wire nut shall be of adequate size for the number of wires being spiced. NO BARE WIRE SHALL BE EXPOSED.

Follow the directions steps 1 through 6 on the 3M 3570G Connector Sealing Pack to prepare the sealing pack.



Following step 7, insert the wire nut and wires into the sealing pack until the wire nut is at the end of the bag and the wires are covered by the resin.



Tape the splice following step 8 on the sealing pack directions to complete the splice.

Loop Lead-in Splice Detail



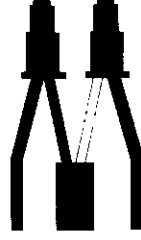
Strip all wires use care not to cut any strands of the wire.



Twist one loop wire together with each wire in the lead-in cable.



Solder all wires using only rosin core solder with a soldering gun or iron. "NO OPEN FLAME SOLDERING SHALL BE USED."



Twist on wire nut on each pair, size of wire nut shall be of adequate size for the number of wires being spiced. NO BARE WIRE SHALL BE EXPOSED.

Follow the directions steps 1 through 6 on the 3M 3570G Connector Sealing Pack to prepare the sealing pack.



Following step 7, insert the wire nut and wires into the sealing pack until the wire nut is at the end of the bag and the wires are covered by the resin.

Tape the splice following step 8 on the sealing pack directions to complete the splice. The entire assembly shall be fully coated with 3M Scotchkote or equal.

PASCO COUNTY TRAFFIC OPERATIONS

Project Name Standard Splicing Details

Sheet Number 1 of 1 Date 12/6/06 Work Order #:

Prepared By R. Reck Date 12/6/06

Checked By N. Ruark Date 12/6/06

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS				TOTAL THIS SHEET		GRAND TOTAL	
			T-2		FINAL		ORIG.	FINAL	ORIG.	FINAL
			ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL	ORIG.	FINAL
555-1-2	DIRECTIONAL BORE (6"-12")	LF	322				322		322	
630-1-12	CONDUIT (UNDERGROUND) (FBI)	LF	527				527		527	
630-1-22	CONDUIT (FURNISH)	LF	966				966		966	
632-7-1	CABLE, SIGNAL	Pi	1				1		1	
633-1-11	PULL AND JUNCTION BOXES (PULL BOX)	EA	6				6		6	
633-1-15	PULL AND JUNCTION BOXES (FIBER OPTIC JUNCTION BOX)	EA	1				1		1	
639-1-13	ELECTRICAL POWER SERVICE (OVERHEAD)	AS	1				1		1	
639-2-1	ELECTRICAL SERVICE WIRE	LF	150				150		150	
641-2-12	CONCRETE POLE (TYPE P-11)	EA	1				1		1	
649-31-01	MAST ARM ASSEMBLY (FURNISH & INSTALL) (6' ARM LENGTH)	EA	2				2		2	
649-31-03	MAST ARM ASSEMBLY (FURNISH & INSTALL) (6' ARM LENGTH)	EA	1				1		1	
649-31-04	MAST ARM ASSEMBLY (FURNISH & INSTALL) (6' ARM LENGTH)	EA	1				1		1	
650-51-31	TRAFFIC SIGNAL (LED) (11'-SECT., 1-WAY) (COURTOWN)	AS	10				10		10	
653-1-2	PEDESTRIAN SIGNAL (LED) (11'-SECT., 2-WAY) (COURTOWN)	AS	4				4		4	
659-1-01	SIGNAL HEAD AUXILIARIES (FBI) (11'-SECT. BACKPLATES)	EA	10				10		10	
659-1-02	SIGNAL HEAD AUXILIARIES, ALUMINUM PEDESTAL	EA	4				4		4	
653-74-11	VEHICLE DETECTION OPTICAL	EA	4				4		4	
653-74-12	VEHICLE DETECTION OPTICAL (EMERGENCY VEHICLE PRE-EMPTION)	EA	4				4		4	
655-1-1	DETECTOR, PEDESTRIAN (POLE MOUNT)	EA	8				8		8	
670-5-132	ACTUATED SOLID STATE CONTROLLER ASSEMBLY SPECIAL (TWO PRE-EMPTION PLANS)	AS	1				1		1	
685-1-28	SYSTEM AUXILIARIES INTERFACE PANEL	EA	1				1		1	
699-1-1	INTERNALLY ILLUMINATED SIGN (LED) (1' LED)	EA	4				4		4	

SHEET NO. T-2

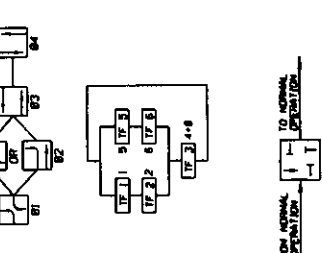
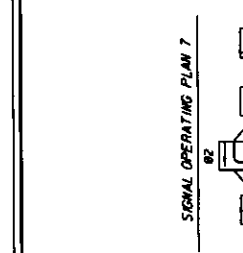
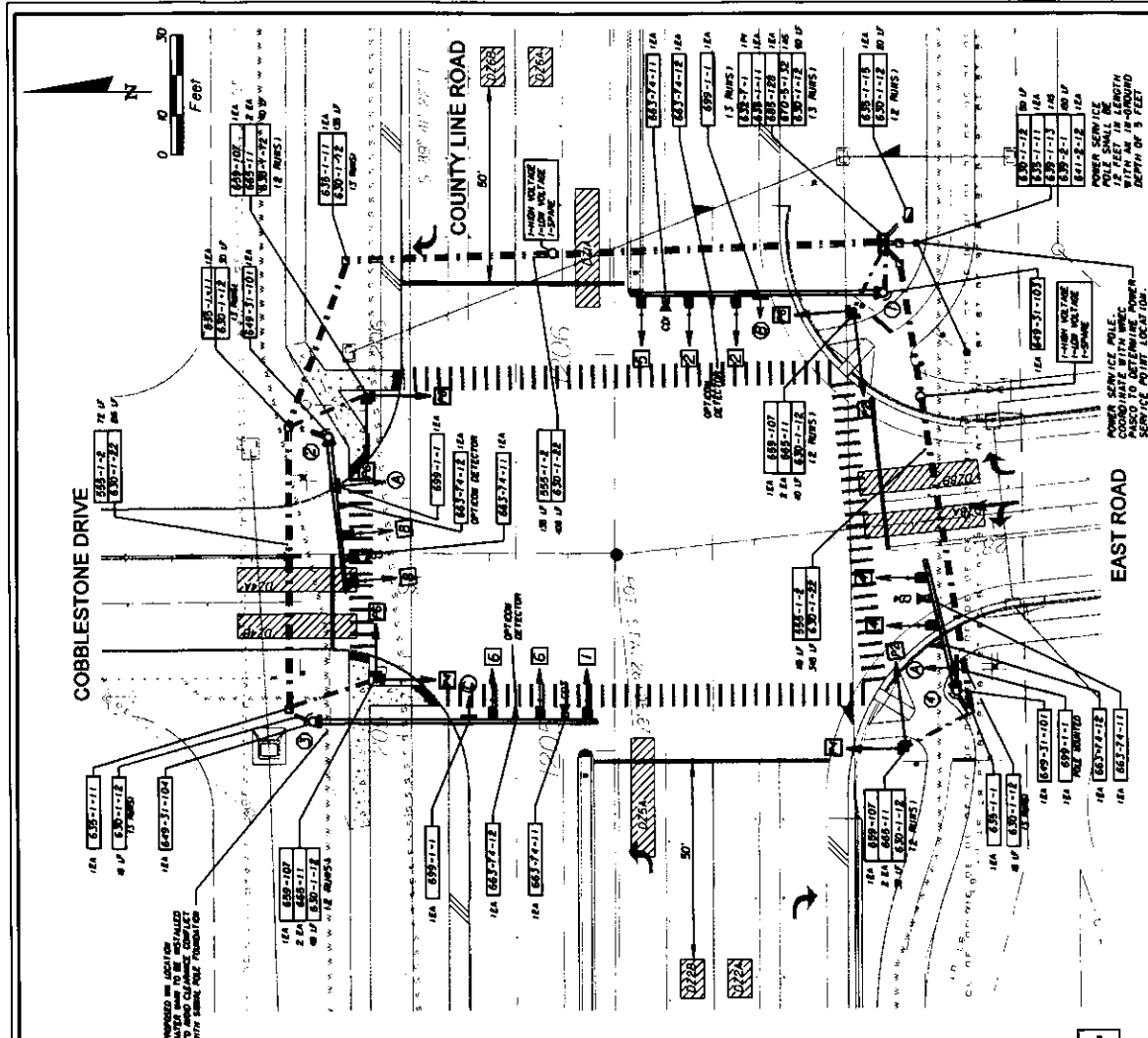
SUMMARY OF QUANTITIES
 COUNTY LINE ROAD @
 COBBLESTONE DR / NEW EAST RD
 HERNANDO COUNTY, FLORIDA

HERNANDO COUNTY
 ENGINEERING DEPARTMENT

DATE: 11/11/11
 P.E. NO. 11111



DATE	DESCRIPTION	REVISIONS	DATE	BY	DESCRIPTION



POLE DATA

POLE	ELV.	STATION	OFFSET
1	35.00	659-102	66.00 FT
2	35.00	659-107	72.00 FT
3	35.00	659-111	78.00 FT
4	35.00	659-112	84.00 FT

STATIONING ON DL COUNTY LINE ROAD

VEHICLE DETECTOR ASSIGNMENTS

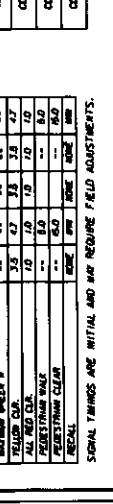
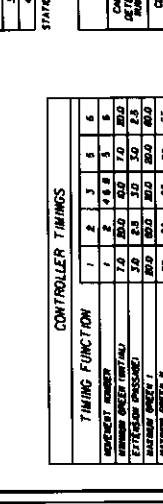
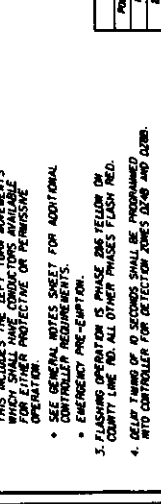
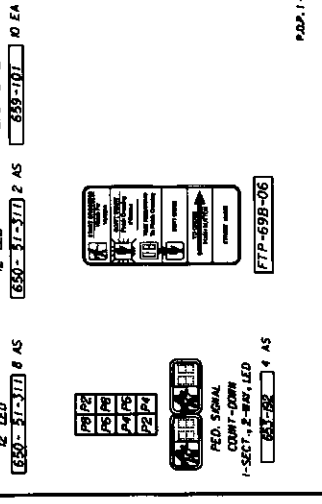
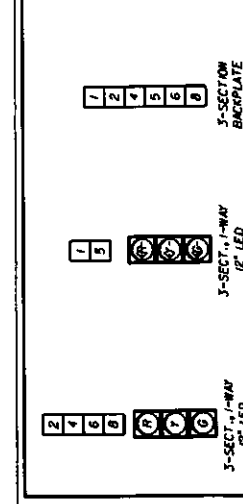
DETECTOR	FUNCTION	DELAY	PRE-EMPTION
CD	DETECTOR	10	0
CD	DETECTOR	10	0
CD	DETECTOR	10	0
CD	DETECTOR	10	0

CONTROLLER TIMINGS

FUNCTION	1	2	3	4	5	6
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0
EMERGENCY CLEAR	1.0	2.0	3.0	4.0	5.0	6.0

CONTROLLER OPERATORS:

- MAJOR STREET IS COUNTY LINE ROAD.
- MINOR STREET IS COBBLESTONE DRIVE / EAST ROAD.
- THE CONTROLLER SHALL BE WIRDED FOR FUTURE PHASE ASSIGNMENT AS SHOWN WITH THE FOLLOWING:
 - EACH PHASE ASSIGNMENT SHALL BE WIRDED FROM THE SIGNAL DISPLAY TO THE CONTROLLER CABINET AS A SEPARATE PHASE ASSIGNMENT.
 - PHASE ASSIGNMENTS SHALL BE AVAILABLE FOR EITHER PROTECTIVE OR PERMISSIVE OPERATION.
- SEE GENERAL NOTES SHEET FOR ADDITIONAL CONTROLLER REQUIREMENTS.
 - EMERGENCY PRE-EMPTION.
- FLASHING OPERATOR IS PHASE 2MS YELLOW ON COUNTY LINE RD. ALL OTHER PHASES FLASH RED.
- DELAY TIME OF 10 SECONDS SHALL BE PROGRAMMED INTO CONTROLLER FOR DETECTION ZONES D24B AND Q24B.



COASTAL DESIGN CONSULTANTS, INC.
 11111 W. BAYVIEW BLVD., SUITE 100, MIAMI, FL 33147
 TEL: 305-556-1111 FAX: 305-556-1112

HERNANDO COUNTY ENGINEERING DEPARTMENT

SIGNALIZATION PLAN
 COUNTY LINE ROAD @
 COBBLESTONE DR / NEW EAST RD
 HERNANDO COUNTY, FLORIDA

SHEET NO. T-4

DATE: _____ REVISION: _____

DESCRIPTION: _____

DATE: _____ REVISION: _____

DESCRIPTION: _____

SECTION VI - BID PROPOSAL

REVISED

SIGNAL BID SHEET

ADDENDUM NO. 1

ITEM NO.	PAY ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
1	101-1	MOBILIZATION	1	EA		
2	102-1	MAINTENANCE OF TRAFFIC	1	L.S.		
3	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	144	SY		
4	522-1	CONCRETE SIDEWALK 4" THICK	64	SY		
5	555-1-2	DIRECTIONAL BORE (6-12")	322	L.F.		
6	630-1-12	CONDUIT (UNDERGROUND) (F&I)	527	L.F.		
7	630-1-22	CONDUIT (FURNISH)	966	L.F.		
8	632-7-1	CABLE, SIGNAL	1	PI		
9	635-1-11	PULL & JUNCTION BOXES (PULL BOX)	6	EA		
10	635-1-15	PULL & JUNCTION BOXES (FIBER OPTIC JUNCTION BOX)	1	EA		
11	639-1-13	ELECTRICAL POWER SERVICE (OVERHEAD)	1	AS		
12	639-2-1	ELECTRICAL SERVICE WIRE	150	L.F.		
13	641-2-12	CONCRETE POLE (TYPE P-II)	1	EA		
14	649-31-101	MAST ARM ASSEMBLY (FURNISH & INSTALL) (36' ARM LENGTH)	2	EA		
15	649-31-103	MAST ARM ASSEMBLY (FURNISH & INSTALL) (60' ARM LENGTH)	1	EA		
16	649-31-104	MAST ARM ASSEMBLY (FURNISH & INSTALL) (70.5' ARM LENGTH)	1	EA		
17	650-51-311	TRAFFIC SIGNAL (F&I) (3-SECT, 1-WAY) (LED)	10	AS		
18	653-192	PEDESTRIAN SIGNAL (LED) (1-SECT, 2-WAY) (COUNTDOWN)	4	AS		
19	659-101	SIGNAL HEAD AUXILIARIES (F&I) (3-SECT BACKPLATES)	10	EA		
20	659-107	SIGNAL HEAD AUXILIARIES, ALUMINUM PEDESTAL	4	EA		
21	663-74-11	VEHICLE DETECTION OPTICAL	4	EA		
22	663-74-12	VEHICLE DETECTION OPTICAL (EMERGENCY VEHICLE PRE-EMPTION)	4	EA		
23	665-11	DETECTOR, PEDESTRIAN (POLE MOUNT)	8	EA		
24	670-5-132	ACTUATED SOLID STATE CONTROLLER ASSEMBLY SPECIAL (TWO PRE-EMPTION PLANS)	1	AS		
25	685-128	SYSTEM AUXILIARIES INTERFACE PANEL	1	EA		
26	699-1-1	INTERNALLY ILLUMINATED SIGN EDGE (EDGE LIGHT "LED")	4	EA		
27	706-3	RETRO REFLECTIVE PAVEMENT MARKERS	20	EA		
28	711-11-121	SOLID TRAFFIC STRIPE, WHITE 6"	224	LF		
29	711-11-123	SOLID TRAFFIC STRIPE, WHITE 12"	528	LF		
30	711-11-221	SOLID TRAFFIC STRIPE, WHITE 24"	142	LF		
31	711-11-221	SOLID TRAFFIC STRIPE, YELLOW 6"	16	LF		
32	711-17	REMOVE STRIPING, THERMOPLASTIC	268	LF		

Total