

CS-12-152

RECEIVED

CONTRACT MANAGEMENT

CHANGE ORDER APPROVAL FORM

PROJECT: 14th Street Intersection Improvements
(Hickory to Atlantic)

CHANGE ORDER NUMBER: 3

DATE: 02-13-13

CONTRACT NUMBER: CM1849

TO CONTRACTOR: Baker Infrastructure Group

Reason for Change Order: Drainage tie-ins: add 8 LF of 15" RCP w/concrete collars for S41 Tie-In to existing pipe. Add Plate Steel at back of two curb inlets due to actual inlet top offset to structure bottom.

Original Contract Sum.....	\$	<u>1,577,221.30</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>8,145.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>1,585,366.30</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>3,072.96</u>
New Contract Sum Including this Change Order.....	\$	<u>1,588,439.26</u>

The contract for substantial completion will be (~~increased~~) (~~decreased~~) (unchanged) by 0 days;
Substantial Completion: March 26, 2013; Final Completion: May 25, 2013

APPROVED BY: [Signature] DATE: 3/18/13
Project Manager (Department Head)

APPROVED BY: [Signature] DATE: 3.26.13
Contract Manager

APPROVED BY: [Signature] DATE: 3.26.13
Director of Office of Management & Budget

APPROVED BY: [Signature] DATE: 3/27/13
County Manager

ACCOUNT NO.: 63470541-563100-14NT

Funds available 5/30/13

RECEIVED
CONTRACT MANAGEMENT
2013 MAR 27 PM 1:00

CHANGE ORDER REQUEST FORM
CONTRACT MANAGEMENT

14th Street (Hickory to Atlantic)

No. 3

PROJECT **2013 MAR 13 PM 3:09**

DATE OF ISSUANCE: 2/13/13

EFFECTIVE DATE:

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

COUNTY Contract / Purchase Order No.: CM-1849 / PO # 12000376

CONTRACTOR: Baker Infrastructure Group

ENGINEER / ARCHITECT: McCranie & Associates, Inc.

You are directed to make the following changes in the Contract Documents.


Description: Add 8 LF of 15" RCP w/concrete collars for S-41 Tie-In to existing pipe. Add Plate Steel at back of two curb inlets due to actual inlet top offset to structure bottom.

Reason for Change Order: Drainage tie-ins

Attachments: (List documents supporting change): Statewide Averages, Steel Plate Quote, Spreadsheet breakdown, Baker Cost Proposal, e-mail correspondence.

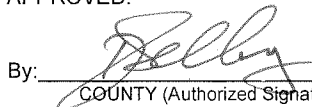
CHANGE IN CONTRACT PRICE: Original Contract Price \$ 1,577,221.30	CHANGE IN CONTRACT TIMES: Original Contract Times Substantial Completion: 270 Days Ready for Final Payment: 330 Days (days or dates)
Net change from previous Change Orders No. <u>N/A</u> to No. <u>N/A</u> \$ 8,145.00	Net change from previous Change Orders No. <u>N/A</u> to No. <u>N/A</u> 0 (days)
Contract Price prior to this Change Order \$ 1,585,366.30	Contract Times Prior to this Change Order Substantial Completion: 270 Days Ready for Final Payment: 330 Days (days or dates)
Net Increase (decrease) of this Change Order \$ 3,072.96	Net Increase (decrease) of this Change Order 0 (days)
Contract Price with all approved Change Orders \$ 1,588,439.26	Contract Times with all approved Change Orders Substantial Completion: 270 Days Ready for Final Payment: 330 Days (days or dates)

RECOMMENDED:

By: 
Engineer/Architect (Authorized Signature)

Date: 3/5/13

APPROVED:

By: 
COUNTY (Authorized Signature)

Date: 3/27/13

ACCEPTED:

By: 
Contractor (Authorized Signature)

Date: 3/6/2013

Carrie Smithheart

From: Carrie Smithheart
Sent: Thursday, December 06, 2012 10:18 AM
To: 'CHAON, Chuck (RBAUG)'
Cc: 'SLAWITSCHKA, Frank (RBAUG)'; Kent Ponder; 'Jonathan Page'; 'Dan McCranie'
Subject: 14th Street (Hickory to Atlantic) - Existing Manhole adjacent to Structure S-41

Chuck,

As a follow up to our field meeting this morning regarding the pipe tie-in at the existing manhole adjacent to structure S-41 shown on plan sheet 19, I agree the existing manhole is not shown to be removed, however it is a brick structure that is seriously deteriorated to the extent the existing brick is breaking apart. In addition to this, the ability to install a new manhole top, as discussed at the beginning of the project, will not work due to the roadway grades and the shallowness of the existing pipe.

Per our 12/5/12 field meeting, we agree the best case scenario would be to remove the existing brick structure, add a section of 15" RCP to connect the pipe run completely to structure S-41 and pour a concrete collar that will fully encase the new section of pipe and exiting pipe at the connection points.

Please provide a cost proposal to perform this work.

Thank you,

Carrie Smithheart

Project Administrator



England-Thims & Miller, Inc.

VISION • EXPERIENCE • RESULTS

Direct: 904-265-3170
Cell: 904-509-9007
Fax: 904-646-9485
Email: SmithheartC@etminc.com

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Carrie Smithheart

From: Carrie Smithheart
Sent: Wednesday, December 05, 2012 3:18 PM
To: 'CHAON, Chuck (RBAUG)'; 'SLAWITSCHKA, Frank (RBAUG)'
Cc: 'Dan McCranie'; Kent Ponder; 'Jonathan Page'; Kenneth Cornell
Subject: 14th Street (Hickory to Atlantic) - Curb Inlet Tie-Ins

Importance: High

Chuck,

I wanted to confirm everything discussed and agreed to in the field today. Per my conversation with Dan McCraine (EOR), we may plate the back of the structures, encase with concrete and backfill for sidewalk construction. This is due to the inability to set the structure tops per the attached detail without infringing within the proposed ADA ramps and sidewalk in which we must provide for a minimum of a 3' walkway at the bottom of the ramp. In addition, this will create a slightly tighter turning radius at the turnouts affected from approximately 30' to approx. 31.5'.

Please provide a cost proposal for the steel plates and additional concrete that will be necessary to perform this modification.

If you have any questions please give me a call.

Carrie Smithheart

Project Administrator



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VISION • EXPERIENCE • RESULTS

Direct: 904-265-3170
Cell: 904-509-9007
Fax: 904-646-9485
Email: SmithheartC@etminc.com


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Change Order No. 3 Cost Breakdown (ETM)

Description	Estimated Qty.	Units	Unit Price	Total Price
15" RCP	8.00	LF	\$ 36.50	\$ 292.00
Misc. Concrete for Concrete Collars	2.00	CY	\$ 627.68	\$ 1,255.36
Total =				\$ 1,547.36

Description	Estimated Qty.	Units	Unit Price	Total Price
3/4" x 4' x 8' Plate Steel	1.00	EA	\$ 1,083.57	\$ 1,083.57
Misc. Concrete for Concrete Collars	1.00	CY	\$ 627.68	\$ 627.68
Total =				\$ 1,711.25

Estimated Change Order Total = \$	3,258.61
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Actual Total
 From Baker = \$ 3,072.96
 PAY  (Coe) 2/5/13

By: 
 Carrie Smithheart

Date: 12/7/13

03/22/2012

11:40

12-FL-014

14th Street Corridor Improvements

*** Brian Pate

BID TOTALS

<u>Biditem</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
1	MOBILIZATION	1.000	LS	102,000.00	102,000.00
2	MAINTENANCE OF TRAFFIC	1.000	LS	116,000.00	116,000.00
3	SEDIMENT BARRIER	7,500.000	LF	1.40	10,500.00
4	INLET PROTECTION SYSTEM	28.000	EA	110.00	3,080.00
5	CLEARING AND GRUBBING	3.500	AC	19,000.00	66,500.00
6	REMOVAL OF EX CONC PAVEMENT	145.000	SY	50.00	7,250.00
7	MAILBOX F&I	28.000	EA	160.00	4,480.00
8	REGULAR EXCAVATION	2,000.000	CY	10.00	20,000.00
9	EMBANKMENT	500.000	CY	10.00	5,000.00
10	12" TYPE B STABILIZATION	9,500.000	SY	9.75	92,625.00
11	OBG 4	300.000	SY	13.75	4,125.00
12	OBG 6	7,500.000	SY	12.80	96,000.00
13	MILLING EXISTING ASPHALT (1.5" AVG)	13,000.000	SY	1.20	15,600.00
14	SUPERPAVE ASPH (SP-9.5)	1,400.000	TN	98.00	137,200.00
15	ASPH FRICTION COURSE (FC-9.5)	2,000.000	TN	111.50	223,000.00
16	PLAIN CONC PAVEMENT 6"	300.000	SY	29.00	8,700.00
17	INLETS CURB TYPE P-5 <10'	10.000	EA	2,500.00	25,000.00
18	INLETS CURB TYPE P-6 <10'	18.000	EA	2,900.00	52,200.00
19	INLETS CURB TYPE J-4 <10'	2.000	EA	4,000.00	8,000.00
20	INLETS DT BOT TYPE C <10'	3.000	EA	2,375.00	7,125.00
21	INLETS GUTTER TYPE V <10'	1.000	EA	2,500.00	2,500.00
22	MANHOLES P-7 <10'	1.000	EA	2,000.00	2,000.00
23	MANHOLES J-7 <10'	2.000	EA	2,500.00	5,000.00
24	MANHOLES (TOPS)	3.000	EA	1,200.00	3,600.00
25	PIPE CULVERT OPT, ROUND 15" S/CD	202.000	LF	36.50	7,373.00
26	PIPE CULVERT OPT, ROUND 18" S/CD	3,188.000	LF	38.50	122,738.00
27	PIPE CULVERT OPT, ROUND 30" S/CD	334.000	LF	61.80	20,641.20
28	PIPE CULVERT OPT, ROUND 36" S/CD	929.000	LF	70.80	65,773.20
29	FLARED END SECTION 18"	1.000	EA	600.00	600.00
30	FLARED END SECTION 36"	1.000	EA	1,780.00	1,780.00
31	CONC CURB & GUTTER TYPE F	7,600.000	LF	8.50	64,600.00
32	VALLEY GUTTER	100.000	LF	13.00	1,300.00
33	SIDEWALK CONC 4" THICK	100.000	SY	34.00	3,400.00
34	SIDEWALK CONC 6" THICK	1,400.000	SY	28.75	40,250.00
35	DET WARNING ON EX WALKING SURFACE - RE	10.000	EA	300.00	3,000.00
36	PERFORMANCE TURF SOD	3,300.000	SY	2.60	8,580.00
37	CONDUIT, (F&I) (ABOVE GROUND)	15.000	LF	15.00	225.00
38	CONDUIT, (F&I) (UNDERGROUND)	802.000	LF	5.00	4,010.00
39	CONDUIT, (F&I) (UNDERPAVEMENT JACKED)	187.000	LF	13.00	2,431.00
40	SIGNAL CABLE (F&I)	2.000	PL	2,100.00	4,200.00
41	PULL & JUNCTION BOX (F&I)	11.000	EA	270.00	2,970.00
42	ELECTRICAL POWER SERVICE (UNDERGROUN	1.000	AS	1,000.00	1,000.00
43	ELECTRICAL SERVICE WIRE (F&I)	270.000	LF	1.50	405.00
44	ELECTRICAL SERVICE DISCONNECT (F&I) (POL	1.000	EA	270.00	270.00
45	PRESTRESSED CONC POLE (F&I) (TYP P-II) SER	1.000	EA	1,000.00	1,000.00
46	MAST ARM (F&I) SINGLE ARM W/OUT LUMIN -	1.000	EA	31,500.00	31,500.00
47	TRAFFIC SIGNAL (F&I) 3- SECT 1 WAY STD	6.000	AS	980.00	5,880.00
48	TRAFFIC SIGNAL (F&I) 5- SECT 1 WAY STD	2.000	AS	1,370.00	2,740.00
49	PED SIGNAL (F&I) LED COUNTDOWN 1 DIRECTI	10.000	AS	575.00	5,750.00
50	PED SIGNAL (F&I) LED COUNTDOWN 2 DIRECTI	2.000	AS	1,120.00	2,240.00
51	SIGNAL HEAD AUXILLARIES (F&I) ALUM PEDE	4.000	EA	1,050.00	4,200.00
52	INDUCTIVE LOOP DETECTORS (F&I) 2 1CH R S	1.000	EA	180.00	180.00
53	INDUCTIVE LOOP DETECTORS (F&I) 10 2CH SS	3.000	EA	215.00	645.00

Florida Department of Transportation
Item Average Unit Cost
From 2007/01/01 to 2007/12/31

Contract Type: ('CC') STATEWIDE
Displaying: VALID ITEMS WITH HITS
From: 0102 2 1 To: 9999999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0350 78	3	\$2.13	\$25,498.95	11,944.000	LF	N	CLEANING & SEALING RANDOM CRACKS
0352 70	5	\$3.43	\$1,001,598.10	291,863.000	SY	N	GRINDING CONCRETE PAVT
0353 70	3	\$583.64	\$3,070,585.98	5,261.100	CY	N	CONC PAVT SLAB REPLACEMENT
0370 1	2	\$297.75	\$676,775.00	2,273.000	LF	N	BRIDGE APPR EXP JOINT
0400 1 1	2	\$430.07	\$6,064.00	14.100	CY	N	CONC CLASS I, CULVERTS
0400 1 2	39	\$1,191.57	\$1,436,960.80	1,205.940	CY	N	CONC CLASS I, ENDWALLS
0400 1 11	34	\$750.67	\$3,052,306.02	4,066.100	CY	N	CONC CLASS I, RETAINING WALLS
0400 1 15	126	\$627.68	\$2,428,837.48	3,869.530	CY	N	CONC CLASS I, MISCELLANEOUS
0400 2 1	6	\$938.90	\$3,014,723.48	3,210.900	CY	N	CONC CLASS II, CULVERTS
0400 2 2	3	\$1,448.95	\$145,764.60	100.600	CY	N	CONC CLASS II, ENDWALLS
0400 2 4	22	\$908.83	\$14,101,023.72	15,515.640	CY	N	CONC CLASS II, SUPERSTRUCTURE
0400 2 5	3	\$1,613.44	\$2,082,544.00	1,290.750	CY	N	CONC CLASS II, SUBSTRUCTURE
0400 2 10	26	\$527.30	\$3,350,385.98	6,353.800	CY	N	CONC CLASS II, APPROACH SLABS
0400 2 11	1	\$1,700.00	\$51,850.00	30.500	CY	N	CONC CLASS II, RETAINING WALLS
0400 2 15	16	\$933.69	\$618,009.20	661.900	CY	N	CONC CLASS II, MISCELLANEOUS
0400 3 20	3	\$476.67	\$930,850.00	1,952.800	CY	N	CONC CLASS III, SEAL
0400 4 1	18	\$997.37	\$12,107,804.90	12,139.785	CY	N	CONC CLASS IV, CULVERTS
0400 4 2	1	\$1,100.00	\$11,990.00	10.900	CY	N	CONC CLASS IV, ENDWALLS
0400 4 4	9	\$731.94	\$4,345,520.74	5,937.000	CY	N	CONC CLASS IV, SUPERSTRUCTURE
0400 4 5	27	\$1,255.22	\$11,285,172.38	8,990.600	CY	N	CONC CLASS IV, SUBSTRUCTURE
0400 4 6	1	\$400.00	\$72,000.00	180.000	CY	N	CONC CLASS IV, COUNTERWEIGHT
0400 4 8	6	\$2,102.62	\$1,055,453.10	501.970	CY	N	CONC CLASS IV, BULKHEAD
0400 4 11	6	\$739.90	\$1,810,165.00	2,446.500	CY	N	CONC CLASS IV, RETAINING WALLS
0400 4 15	12	\$1,043.84	\$2,115,020.58	2,026.200	CY	N	CONC CLASS IV, MISCELLANEOUS
0400 4 25	7	\$742.83	\$5,918,937.60	7,968.100	CY	N	CONC CLASS IV, MASS, SUBSTRUCTURE
0400 4104	1	\$1,200.00	\$72,000.00	60.000	CY	N	CONC CLASS IV, SUPERSTRUCTURE, LT-WT
0400 6	1	\$4,500.00	\$22,500.00	5.000	EA	N	PRECAST ANCHOR BEAMS
0400 7	12	\$3.69	\$160,250.10	43,463.000	SY	N	BRIDGE DECK GROOVING, LESS THAN 8.5"
0400 8 5	1	\$398.97	\$382,213.26	958.000	CY	N	CONC CLASS V, SUBSTRUCTURE
0400 8 22	1	\$1,100.00	\$121,770.00	110.700	CY	N	CONC CLASS V, SUPER STRUCT CLOSURE JNT
0400 8 39	1	\$1,075.00	\$8,417,465.00	7,830.200	CY	N	CONC CLASS V, PRCST SEG SUPSTR
0400 8106	1	\$4,450.00	\$62,300.00	14.000	CY	N	CONC CLASS V, MICROSILICA SUBSTRUCTURE
0400 9	12	\$4.95	\$190,438.19	38,503.000	SY	N	BRIDGE DECK GROOV & PLANING, DECK 8.5"&>
0400 32	2	\$4,210.40	\$140,880.00	33.460	CY	N	CONCRETE FOR JOINT REPAIR
0400 60 1	2	\$352,512.74	\$705,025.48	2.000	LS	N	CATHODIC PROTECTION-ELECT WORK, AC POW

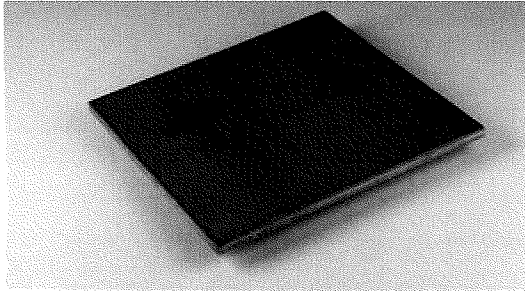


Discount Steel 1-800-522-5950
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SHOP HARDWARE | POWER TOOLS | SAW BLADES | DRILL BITS / TAPS | HAND TOOLS | FASTENERS | HINGES | ABRASIVES

AIR TOOLS

ASTM A36 Hot Rolled Steel Plate



Select Your Size: 3/4"

Stock Size: 96.000" x 240.000" - \$5,292.86

Cut To Size: 4 ft 0 and 0 in.
Width in inches: **48.000"**
8 ft 0 and 0 in.
Length in inches: **96.000"**

Select Cut Type:

- CNC Flame Cut -0" +1/2" \$25.00
- CNC Plasma Cut -0" +1/8" \$25.00
- CNC Flame Cut -0" +1/4" \$31.25

Each Weight: **980.16** **Each Price:** **\$1083.57**

Special Instructions/Comments (Optional)

Quantity 1

Features

A.K.A: Sheet, Flat stock

ASTM: A36 (ASTM A36 / A36M - 08 Standard Specification for Carbon Structural Steel)

Alloy: Commercial Quality/A36

Characteristics: Smooth, blue-grey finish. Inexact dimensions throughout piece.

Workability: General purpose material ideal for most processing techniques.

Applications: Base plates, Brackets, Gussets, Trailers

Specifications

Please Note:

Every effort has been made to ensure the reliability of the reported information, and is the result of a number of sources, including vendors and reference materials. Any use of the presented information is the user's responsibility and is intended for educational purposes only.

Chemistry Data For A36 Carbon Steel^a

