

CS 13-159

RECEIVED

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CONTRACT MANAGEMENT

CONTRACT MANAGEMENT

CHANGE ORDER APPROVAL FORM

2014 APR 29 PM 2:25

2014 APR 22 PM 2:37

PROJECT: Blackrock Road Corridor Improvements CHANGE ORDER NUMBER: 3

DATE: 3-27-14

CONTRACT NUMBER: CM2034

TO CONTRACTOR: Petticoat-Schmitt Civil Contractors Inc.

Reason for Change Order: (1) Removal of large sycamore tree not originally in the project scope due to required root removal of said tree during new ditch excavation and grading. Tree is not expected to survive root removal process and may pose a fall hazard. Additional cost \$1,210.00; (2) Construction plans called for MES's where quantities were not included in the bid tab. Additional cost \$29,745.00; (3) Incorrect sum totals on CO#1. Add \$3.14 to contract;

Original Contract Sum.....	\$	<u>3,890,509.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>(1,207,533.71)</u>
Contract Sum Prior to This Change Order.....	\$	<u>2,682,975.29</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>30,958.14</u>
New Contract Sum Including this Change Order.....	\$	<u>2,713,933.43</u>

RECEIVED
COUNTY MANAGERS
OFFICE
19 APR 24 PM 3:19

APPROVED BY: [Signature] DATE: 4-2-14
Scott Herring, Public Works Director

APPROVED BY: [Signature] DATE: 4-24-14
Contract Management

APPROVED BY: [Signature] DATE: 4-25-14
Office of Management & Budget

APPROVED BY: [Signature] DATE: 4/28/14
County Manager (BOCC designee)

ACCOUNT NO. 63470541-563100 BRR50

5/24/14

SECTION 00 63 63

CHANGE ORDER REQUEST FORM

Blackrock Road Corridor Improvement Project

No. 3

PROJECT

DATE OF ISSUANCE: March , 2014

EFFECTIVE DATE:

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

COUNTY Contract No.: CM 2034

CONTRACTOR: Petticoat-Schmitt Civil Contractors, Inc.

ENGINEER / ARCHITECT: Peters & Yaffee

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

Description: Add 1.0 EA Tree Removal (large sycamore); Add \$3.14 to contract due to incorrect sum totals on CO No. 1; Add 8.0 EA 18" Rnd. SD MES's; Add 7.0 EA 18" Ellip. SD MES's; Add 2.0 EA 24" Rnd SD MES's; Add 5.0 EA 24" Ellip. SD MES's.

Reason for Change Order: Removal of large sycamore tree not originally in the project scope due to required root removal of said tree during new ditch excavation and grading. Tree is not expected to survive root removal process and may pose a fall hazard. Incorrect sum totals on CO No. 1. Construction Plans called for the MES's indicated above to be installed, however these quantities were not included in the Bid Tab.

Attachments: (List documents supporting change): E-mail Correspondence, Petticoat-Schmitt Civil Contractors, Inc. cost proposal for tree removal with County acceptance and ETM Cost Breakdown w/back up.

RECOMMENDED:

By: 
Engineer/Architect (Authorized Signature)

Date: 4/10/2014

APPROVED:

By: 
COUNTY (Authorized Signature)

Date: 4/28/14

ACCEPTED:

By: 
Contractor (Authorized Signature)

Date: 4/10/14

Charlotte Young

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Wednesday, April 09, 2014 11:08 AM
To: Charlotte Young
Cc: Jonathan Page; Shelley Caldwell
Subject: RE: Change Order No. 3_Petticoat-Schmitt_Blackrock Road

Charlotte,

I made the change and initialed it. Just before I mailed it out I realized I used my estimate numbers and not the actual cost proposal for the tree removal. Petticoat's price of \$1210.00 is the cost everyone agreed to. Signatures had already been inked and I wanted to get it in. If necessary I can re-do that page and get new signatures.

My apologies,

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

This message may contain confidential information. If you have received this message by mistake, please inform the sender by sending an e-mail reply. At the same time please delete the message and any attachments from your system without making, distributing or retaining any copies. Although all our e-mail messages and any attachments upon sending are automatically virus scanned we assume no responsibility for any loss or damage arising from the receipt and/or use.

From: Charlotte Young [mailto:cyoung@nassaucountyfl.com]
Sent: Wednesday, April 09, 2014 10:55 AM
To: Carrie Smithheart
Cc: Jonathan Page; Shelley Caldwell
Subject: Change Order No. 3_Petticoat-Schmitt_Blackrock Road

Carrie,

I have been meaning to get with you all week regarding the above referenced change order(attached) . I see on the Change Order Request form that the amount was revised from \$30,910.64 to \$30,958.14; a difference of \$47.50. I have calculated that the difference is in the cost of the tree removal. Your estimate was \$1,162.50 (based on FDOT) and Clyde's email proposed \$1,210.00.

It isn't clear to me who initialed the change; was it ETM or Petticoat-Schmitt. Do all parties agree on the change order amount \$30,958.14?

RECEIVED

CHANGE ORDER REQUEST FORM
CONTRACT MANAGEMENT

Blackrock Road Corridor Improvement Project

No. 3

PROJECT

2014 APR -2 PM 2:43

DATE OF ISSUANCE: March 27 2014

EFFECTIVE DATE:

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

COUNTY Contract No.: CM 2034

CONTRACTOR: Petticoat-Schmitt Civil Contractors, Inc.

ENGINEER / ARCHITECT: Peters & Yaffee

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

Description: Add 1.0 EA Tree Removal (large sycamore); Add \$3.04 to contract due to incorrect sum totals on CO No. 1 and CO No. 2; Add

Reason for Change Order: Removal of large sycamore tree not originally in the project scope due to required root removal of said tree during new ditch excavation and grading. Tree is not expected to survive root removal process and may pose a fall hazard.

Attachments: (List documents supporting change): E-mail Correspondence, Petticoat-Schmitt Civil Contractors, Inc. cost proposal for tree removal with County acceptance and ETM Cost Breakdown w/back up.

VOID

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$ 3,890,509.00

CHANGE IN CONTRACT TIMES:

Original Contract Times

Substantial Completion: 190 Days

Ready for Final Payment: 250 Days
(days or dates)

Net change from previous Change Orders No. 1 to No. 2

\$ (1,207,533.71)

Net change from previous Change Orders No. N/A to No. N/A

0

(days)

Contract Price prior to this Change Order

\$ 2,682,975.29

Contract Times Prior to this Change Order

Substantial Completion: 190 Days

Ready for Final Payment: 250 Days
(days or dates)

Net Increase (decrease) of this Change Order

\$ 30,910.64

30,958.14

Net Increase (decrease) of this Change Order

0

(days)

Contract Price with all approved Change Orders

\$ 2,713,885.93

2,713,933.43

Contract Times with all approved Change Orders

Substantial Completion: 190 Days

Ready for Final Payment: 250 Days
(days or dates)

RECOMMENDED:

By: [Signature]
Engineer/Architect (Authorized Signature)

Date: 3/27/14

APPROVED:

By: _____
COUNTY (Authorized Signature)

Date: _____

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 3/27/14



VISION • EXPERIENCE • RESULTS

RECEIVED

CONTRACT MANAGEMENT

2014 APR -2 PM 2:43

www.etm-inc.com

tel 904-642-8990 • fax 904-646-9485

14775 Old St. Augustine Road • Jacksonville, Florida 32258

To: Nassau County Contract Management

ATTN: Jonathan Page, P.E., Engineer III
Engineering Services Department

Address: 96161 Nassau Place
Yulee, FL 32097

Date: 3/31/14

Job No: 12-136-00

Reference: Blackrock Road
Corridor Improvements Project

VIA: FedEx

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop Drawings Prints Plans Samples Specifications
- Copy of Letter Change Order Other

ITEMS	DATE	NO.	DESCRIPTION
1 Original	3/27/14	3	Change Order No. 3 – For Execution


2014 APR -1 P 12:26
 RECEIVED
 CIVIL SERVICES

THESE ARE TRANSMITTED AS CHECKED BELOW:

- For approval Approved as submitted Resubmit _____ copies for approval
- For your use Approved as noted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ for corrected prints
- Review and comment _____

Remarks: Jonathan, Can you please e-mail me a copy of the CO once it has been fully executed. Thanks,


COPY TO: file

SIGNED: 
 Carrie Smithheart
 Project Administrator

Change Order No. 3 Cost Estimate (ETM)

Item No.		Description	Estimated Qty.	Units	Unit Price	Total Price	
1	110-15	Tree Removal (Large Sycamore)	1.00	EA	\$ 862.50	\$ 862.50	
2	101-1	Additional Mobilization (Tree Removal)	1.00	LS	\$ 300.00	\$ 300.00	
3	430-984-125	MES, RND, 18" SD	*	8.00	EA	\$ 1,075.00	\$ 8,600.00
4	430-984-625	MES, ELLIP/ARCH, 18" SD	*	7.00	EA	\$ 1,145.00	\$ 8,015.00
5	430-984-129	MES, RND, 24" SD	*	2.00	EA	\$ 1,365.00	\$ 2,730.00
6	430-984-629	MES, ELLIP/ARCH, 24" SD	*	5.00	EA	\$ 2,080.00	\$ 10,400.00
7	N/A	Change Order's No. 1 Correction		1.00	LS	\$ 3.14	\$ 3.14
						Total =	\$ 30,910.64

* = Current Contract Unit Prices

By: 
Carrie Smithheart

Date: 3/6/14 updated

Subject: Blackrock Project - Tree Sycamore Tree

Carrie,

I understand the County wants us to remove the large Sycamore Tree where the new fence is to be installed. That tree was not included in our bid Clear & Grub price because it is outside of the R/W. We are not equipped to remove a large tree like this one and will have to get a specialty tree company to perform the work. The cost for this additional work is as follows:

Shaw's Land Clearing - \$1,100.00
10% Markup - \$110.00

Total Additional Cost - \$1,210.00

Please let me know if the additional work and price is approved.

Thanks.

Clyde Cross
Vice President

6380 Philips Highway * Jacksonville, FL 32216
(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418 www.petticoatschmitt.com

-----Original Message-----

From: Peggy Forbes [<mailto:pforbes@shawtree.com>]
Sent: Monday, February 24, 2014 10:55 AM
To: Sharon Carlson; Clyde Cross
Cc: 'Roy Shaw'
Subject: Estimate from Shaw Land Clearing LLC

Mr. Cross,

Attached is our revised proposal to include grinding the stump as requested.

Please let me know if I can be of any further assistance.

Sincerely,

Shaw Land Clearing LLC
904-387-1804

From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Tuesday, February 18, 2014 3:09 PM
To: Victoria
Cc: Carrie Smithheart
Subject: RE: Blackrock Fence Question

Tori,

I just got off the phone with your mom and she stated she wanted the Sycamore tree to come down with the rest of the shrubs. We will make that happen.

Thanks and Aloha,

Jonathan

Jonathan Page, P.E.
Engineer III
Nassau County Engineering Services
96161 Nassau Place
Yulee, FL. 32097 (904) 491-7330

From: Victoria [<mailto:haleamanu123@aol.com>]
Sent: Tuesday, February 18, 2014 12:08 PM
To: Jonathan Page
Subject: Re: Blackrock Fence Question

Aloha

I was under the impression you said that the cedar privacy slats were going to be put back.

LMK

T

Shaw's Land Clearing, LLC

2762 W. Beaver Street
 Jacksonville, FL 32254
 (904) 387-1804
 (904) 388-9277 Fax

Estimate

Date	Estimate #
2/24/2014	2776-REV

Bill To
Petticoat-Schmitt 6380 Phillips Hwy Jacksonville, FL 32216

P.O. No.	Terms	Rep	Customer #	JOB LOCATION
	Due on receipt	Roy	e-mailed	Blackrock Rd & Freeman
Description				Total
We propose to furnish all equipment and labor to perform the following:				
Remove (1) large sycamore tree, leaving stump cut low.				950.00
Grind stump, leaving mulch from stump grinding.				150.00
Shaw's Land Clearing appreciates your business!				Total \$1,100.00

Payment of services due when rendered. Interest of 1.5% per month is charged on balance over 30 days. Customer agrees to pay all court costs and attorney fees. Shaw's Land Clearing shall not be responsible for damage to any private or accompanying sub-surface or any route reasonably necessary to perform these services.

Signature _____

Florida Department of Transportation
 Item Average Unit Cost
 From 2012/01/01 to 2012/12/31

Contract Type: ALL Statewide
 Displaying: VALID ITEMS WITH HITS
 From: 0101 1 To: 9999999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description		
0102911	1	15	\$2.08	\$118,375.94	56,876.000	LF	N	PAVT MARKING REMOVABLE TAPE,WH-BLK,SKIP	
0102911	2	33	\$1.79	\$396,797.91	222,225.000	LF	N	PAVT MARKING REMOVABLE TAPE,WH-BLK,SOLID	
0102911	3	11	\$4.70	\$60,796.62	12,929.000	SF	N	PAVT MARKING REMOVABLE TAPE,WH-BLK,OTHER	
0102912	1	4	\$2.43	\$23,035.00	9,475.000	LF	N	PAVT MARKING REMOVABLE TAPE,YELLOW,SKIP	
0102912	2	30	\$1.87	\$508,803.94	271,864.000	LF	N	PAVT MARKING REMOVABLE TAPE,YELLOW,SOLID	
0102912	3	2	\$4.24	\$42,235.00	9,950.000	SF	N	PAVT MARKING REMOVABLE TAPE,YELLOW,OTHER	
0103	1	7	\$700,000.00	\$700,000.00	1.000	LS	N	TEMPORARY WORK STRUCTURE, PROJECT NUMBER	
0104	1	30	\$1.44	\$159,950.28	111,024.000	SY	N	ARTIFICIAL COVERINGS / ROLL EROSION CNTL	
0104	6	2	\$17.50	\$13,633.00	779.000	LF	N	TEMPORARY SLOPE DRAIN / RUNOFF CONT STR	
0104	7	5	\$1,907.63	\$22,891.60	12.000	EA	N	SEDIMENT BASIN / CONTAINMENT SYSTEM	
0104	9	7	\$2,177.55	\$43,550.95	20.000	EA	N	SEDIMENT BASIN / CONTAINMENT SY CLEANOUT	
0104	10	3	191	\$1,789,434.66	1,726,848.580	LF	N	SEDIMENT BARRIER	
0104	11	81	\$9.86	\$698,900.34	70,862.200	LF	N	FLOATING TURBIDITY BARRIER	
0104	12	35	\$4.04	\$82,161.24	20,321.000	LF	N	STAKED TURBIDITY BARRIER- NYL REINF PVC	
0104	15	44	\$1,841.63	\$362,801.10	197.000	EA	N	SOIL TRACKING PREVENTION DEVICE	
0104	18	156	\$75.52	\$552,177.53	7,312.000	EA	N	INLET PROTECTION SYSTEM	
0104	19	13	\$.22	\$30,975.21	141,879.000	SY	N	CHEMICAL TREATMENT FOR EROSION CONTROL	
0107	1	192	\$19.40	\$1,407,343.65	72,532.094	AC	N	LITTER REMOVAL	
0107	2	187	\$29.25	\$1,823,695.04	62,341.846	AC	N	MOWING	
0109	71	2	8	\$84.32	\$227,657.60	2,700.000	DA	N	FIELD OFFICE, 600 SQ FT
0109	71	3	20	\$70.23	\$458,967.70	6,535.000	DA	N	FIELD OFFICE, 900 SQ FT
0109	71	4	6	\$82.44	\$395,309.80	4,795.000	DA	N	FIELD OFFICE,1200 SQ FT
0109	71	5	5	\$82.41	\$369,177.10	4,480.000	DA	N	FIELD OFFICE,1500 SQ FT
0110	1	1	201	\$7,723.80	\$18,719,930.88	2,423.667	AC	N	CLEARING & GRUBBING
0110	2	1	12	\$6,034.38	\$159,187.00	26.380	AC	N	CLEARING & GRUBBING (PUSH BUTTON CONT)
0110	3	38	\$23.56	\$4,586,281.09	194,658.400	SF	N	REMOVAL OF EXISTING STRUCTURE	
0110	4	146	\$12.79	\$2,731,254.84	213,519.890	SY	N	REMOVAL OF EXISTING CONCRETE PAVEMENT	
0110	5	1	\$2,500.00	\$2,500.00	1.000	EA	N	PLUGGING WATER WELLS, ARTESIAN	
0110	7	1	49	\$119.37	\$104,688.08	877.000	EA	N	MAILBOX, F&I SINGLE
0110	8	1	\$3,000.00	\$6,000.00	2.000	DA	N	UNDERWATER DEBRIS REMOVAL	
0110	12	1	\$325.00	\$13,000.00	40.000	SY	N	HYDRODEMOLITION, REM OF DECK SURFACE	
0110	15	1	\$500.00	\$10,500.00	21.000	EA	N	ARBORIST WORK, TREE TRIMMING- LIMBS/ROOT	
0110	15	4	\$1,000.00	\$18,000.00	18.000	EA	N	ARBORIST WORK, RELOCATE TREE	
0110	71	1	2	\$195.29	\$134,750.00	690.000	LF	N	BRIDGE FENDER SYSTEM, REMOVAL & DISPOSAL
0110	73	3	\$41.91	\$23,304.00	556.000	LF	N	REMOVE EXISTING BULKHEAD	

1 ea
 Tree Removal w/
 Stump Grinding to
 Below Grade.
 AVG =
 \$1000 + \$1500 = 750
 2

SMALL Qty + X LG
 Size @ 15%
 MARK-UP

= \$750 (1.15) = 862.50
 + mobilization = \$300

Total Estimated = \$1162.50

Carrie Smithheart

To: Carrie Smithheart
Subject: FW: Blackrock Fence Question

From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Tuesday, February 18, 2014 4:26 PM
To: Carrie Smithheart
Cc: Kent Ponder; Constance Echols; Victoria
Subject: RE: Blackrock Fence Question

Carrie,

Yes even though the tree would be inside the fence, the homeowner does not want the liability should the tree not live. It would likely die a slow death leaving her the liability to remove it later is not desirable to her.

Thanks!

Jonathan

Jonathan Page, P.E.
Engineer III
Nassau County Engineering Services
96161 Nassau Place
Yulee, FL. 32097 (904) 491-7330

From: Carrie Smithheart [<mailto:SmithheartC@etmnc.com>]
Sent: Tuesday, February 18, 2014 4:15 PM
To: Jonathan Page
Cc: Kent Ponder; Constance Echols
Subject: RE: Blackrock Fence Question

Jonathan,

Now we want to take down the sycamore tree.

Carrie Smithheart

Project Administrator

ETM
England-Thims & Miller, Inc.
VISION • EXPERIENCE • RESULTS

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

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Carrie Smithheart

From: Clyde Cross [ccross@petticoatschmitt.com]
Sent: Monday, February 24, 2014 2:58 PM
To: Carrie Smithheart
Subject: Balckrock Project - Tree Sycamore Tree
Attachments: Est_2776REV_from_Shaws_Land_Clearing_LLC_5052.pdf

Carrie,

I understand the County wants us to remove the large Sycamore Tree where the new fence is to be installed. That tree was not included in our bid Clear & Grub price because it is outside of the R/W. We are not equipped to remove a large tree like this one and will have to get a specialty tree company to perform the work. The cost for this additional work is as follows:

Shaw's Land Clearing - \$1,100.00
10% Markup - \$110.00

Total Additional Cost - \$1,210.00

Please let me know if the additional work and price is approved.

Thanks.

Clyde Cross
Vice President

6380 Philips Highway * Jacksonville, FL 32216
(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418 www.petticoatschmitt.com

-----Original Message-----

From: Peggy Forbes [<mailto:pforbes@shawtree.com>]
Sent: Monday, February 24, 2014 10:55 AM
To: Sharon Carlson; Clyde Cross
Cc: 'Roy Shaw'
Subject: Estimate from Shaw Land Clearing LLC

Mr. Cross,

Attached is our revised proposal to include grinding the stump as requested.

Please let me know if I can be of any further assistance.

Sincerely,

Shaw Land Clearing LLC
904-387-1804

Carrie Smithheart

From: Jonathan Page [jpage@nassaucountyfl.com]
Sent: Monday, February 24, 2014 3:56 PM
To: Carrie Smithheart
Cc: Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Project - Tree Sycamore Tree

Carrie,

Due to the tree being right on/inside the property line and the fact that our activities would destroy a lot of the root ball (but leave the tree) I agree that this is additional to the scope. The property owner has expressed concern that the tree would eventually die and that she would want the County to remove it if it did so let's proceed with the removal.

Thanks,

Jonathan

Jonathan P. Page, P.E.
Engineer III
96161 Nassau Place
Yulee, FL 32097

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Monday, February 24, 2014 3:49 PM
To: Jonathan Page
Cc: Kent Ponder
Subject: FW: Blackrock Project - Tree Sycamore Tree

Jonathan,

Due to the size of the Sycamore tree and the fact that it is technically out of the ROW, Petticoat-Schmitt is requesting additional payment for its removal, \$1,210.00. I do believe Petticoat would not have include its removal in their clearing and grubbing price. I have attached my cost estimate, \$1,162.50, along with Petticoats cost proposal to remove the tree. Considering the size of the tree, I am shocked their cost is not significantly higher. We are very close in price and I believe we should accept their cost proposal and move forward.

Please review and let me know of it is ok to proceed.

Thanks,

Carrie Smithheart
Project Administrator
England-Thims & Miller, Inc.

Cell: (904) 509-9007

-----Original Message-----

From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Monday, February 24, 2014 2:58 PM
To: Carrie Smithheart

Carrie Smithheart

From: Matt Kiger [mkiger@petticoatschmitt.com]
Sent: Wednesday, March 05, 2014 3:06 PM
To: Carrie Smithheart
Cc: Clyde Cross
Subject: Blackrock Road MES Quantities

Carrie,

We are coming up with a difference in quantities with the mitered ends on our schedule of values against the construction plans.

Per our schedule of values we have 22 MES in total.

- ~~2 - MITERED END SECTION, ELLIP/ARCH - 30" CD~~
- 4 - MITERED END SECTION, ROUND, 18" SD
- 4 - MITERED END SECTION, ELLIP/ARCH - 18" SD
- 2 - MITERED END SECTION, ROUND, 24" SD
- 10 - MITERED END SECTION, ELLIP/ARCH - 24" SD

Looking at the plans we are finding 44 MES in total.

- ~~2 - MITERED END SECTION, ELLIP/ARCH - 30" CD~~
 - 12 - MITERED END SECTION, ROUND, 18" SD $\$1675.00 (8) =$ $\$8,600.00$
 - 11 - MITERED END SECTION, ELLIP/ARCH - 18" SD $\$1145.00 (7) =$ $\$8,015.00$
 - 4 - MITERED END SECTION, ROUND, 24" SD $\$1365.00 (2) =$ $\$2,730.00$
 - 15 - MITERED END SECTION, ELLIP/ARCH - 24" SD $\$2080.00 (5) =$ $\$10,400.00$
- $\$29,745.00$

Please advise. In the meantime we will go ahead and overrun the mitered ends in the pay request.

Thanks,

Matt Kiger
Field Engineer
Cell: (904) 673-7983



6380 Phillips Highway * Jacksonville, FL 32216
Office: (904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7422
www.petticoatschmitt.com

18" RND = 430-984-125
MES, RND, 18" SD

18" Ellip = 430-984-625
MES, Ellip, 18" SD

24" RND = 430-984-129
MES, RND, 24" SD

24" Ellip = 430-984-629
MES, Ellip, 24" SD

CHANGE ORDER APPROVAL FORM

PROJECT: Blackrock Road Corridor Improvements CHANGE ORDER NUMBER: 1


DATE: 10-15-13

CONTRACT NUMBER: CM2034

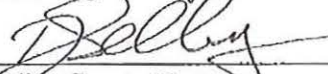
TO CONTRACTOR: Petticoat-Schmitt Civil Contractors Inc.

Reason for Change Order: Reduction or elimination of pay item quantities to reduce the cost of the initial bid \$1,209,832.41 for a revised total project cost of \$2,680,676.59. These design revisions are detailed in attached Exhibit A and quantities changes can be seen highlighted in "yellow" on the attached Exhibit B.


Original Contract Sum.....	\$	<u>3,890,509.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>3,890,509.00</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>(1,209,676.59)</u> <i>1,209,832.41</i>
New Contract Sum Including this Change Order.....	\$	<u>2,680,676.59</u> <i>2.28.14</i>

APPROVED BY: 
Scott Herring, Public Works Director

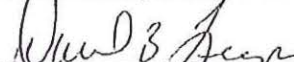
DATE: 10/15/13

APPROVED BY: 
Ted Selby, County Manager

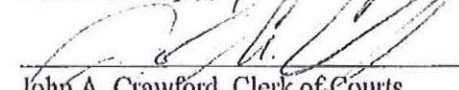
DATE: 11/4/13

APPROVED BY: 
David Hallman, County Attorney

DATE: 11-4-13

APPROVED BY: 
Daniel B. Leeper, Chair

DATE: 11-4-13

ATTEST: 
John A. Crawford, Clerk of Courts

DATE: 11/6/13

*MES
11.06.13*

CHANGE ORDER REQUEST FORM

Blackrock Road Corridor Improvements Project

No. 01

PROJECT

DATE OF ISSUANCE _____ EFFECTIVE DATE Date of final execution _____

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

COUNTY Contract / Purchase Order No.:

CONTRACTOR Pellicoat-Schmitt Civil Contractors ENGINEER / ARCHITECT Peters & Yalfee

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

Description: Design changes to reduce the quantities and reduce the cost of the initial bid; These design revisions and quantities changes can be seen highlighted in "yellow" (See Exhibit "B")

Reason for Change Order: A cost reduction analysis was completed to determine if any of the recommended design changes would result in an allowable total project cost. Based on the evaluation, it has been determined that all of the recommended changes will reduce the initial base bid price to \$2,680,676.59 (see Exhibit "A"); a cost savings of \$1,209,832.41 (see Exhibit "B").

Attachments: (List documents supporting change)

<p>CHANGE IN CONTRACT PRICE:</p> <p>Original Contract Price</p> <p>\$3,890,509.00</p>	<p>CHANGE IN CONTRACT TIMES:</p> <p>Original Contract Times</p> <p>Substantial Completion: _____</p> <p>Ready for Final Payment: _____ (days or dates)</p>
<p>Net change from previous Change Orders No. ___ to No. ___</p> <p>\$.00</p>	<p>Net change from previous Change Orders No. ___ to No. ___</p> <p>_____</p> <p>(days)</p>
<p>Contract Price prior to this Change Order</p> <p>\$ 3,890,509.00</p>	<p>Contract Times Prior to this Change Order</p> <p>Substantial Completion: _____</p> <p>Ready for Final Payment: _____ (days or dates)</p>
<p>Net Increase (decrease) of this Change Order</p> <p>\$ (1,209,832.41)</p>	<p>Net Increase (decrease) of this Change Order</p> <p>_____</p> <p>(days)</p>
<p>Contract Price with all approved Change Orders</p> <p>\$ 2,680,676.59</p>	<p>Contract Times with all approved Change Orders</p> <p>Substantial Completion: _____</p> <p>Ready for Final Payment: _____ (days or dates)</p>

RECOMMENDED:

By: [Signature]
Engineer/Architect (Authorized Signature)

Date: 10/15/2013

APPROVED:

By: [Signature]
COUNTY (Authorized Signature)

Date: 11-4-13

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 10/15/13

Peters and Yaffee Analysis for
Blackrock Road Bid Evaluation
(Petticoat-Schmitt)
"Exhibit A"

OPTION 1

Cost Reduction Analysis

A. Pavement Design Revision

Elimination of the Friction Course (FC-9.5)(1") and replace with Type (SP-9.5)(1") for travel lanes and driveways. This option also reduces the proposed Type (SP-9.5) from 1.5" to 1". The final pavement design will be 2" of Type (SP-9.5). This design option allows for 12' Travel Lanes, however changes the Pavement Design to accommodate the reduced Structural Number needed. The elimination of Friction Course is based on the proposed traffic volume per FDOT Flexible Pavement Design Manual 2008, Chapter 4 (Friction Course Policy).

B. Shoulder Pavement Revision

The option would eliminate the proposed paved shoulder for the Blackrock Road Project. This design option will provide an unpaved stabilized shoulder width of 2'. This design option does meet AASHTO's Guidance for minimum shoulder width requirement of 2'.

C. Drainage Improvements Revision

With the elimination of the proposed paved shoulder the roadway improvements will tie into the existing ditch front slope. This approach would eliminate the need for the majority of the ditch regrading and sidedrain improvements. However, several cross-drains will need improvements in order to meet clear zone criteria. The improvements at Heron Isle Parkway will remain in place to accommodate the roadway widening.

D. Sod Revision

This option would only use Performance Sod at the unpaved shoulders, proposed sidewalk locations and at drainage features. Performance Sod would also be provided at the areas disturbed due to shoulder construction and minor regrading.

E. Sidewalk Improvements Revision

If Options B and C are executed, a reduction in removing and constructing proposed sidewalk will occur. This will allow for much of the existing sidewalk to remain in place and reduce the amount of proposed sidewalk needed.

F. First Coast Rail Road Improvements

This option would transition the roadway width using striping in order to utilize the existing typical section at the Rail Road Crossing.

With the revisions for the above Cost Reduction Items the *Project Grand Total* = \$2,680,676.59 based on Bid pricing submitted by Petticoat-Schmitt Construction.

PROJECT: BLACKROCK ROAD CORRIDOR IMPROVEMENTS
 LOCATION: YULEE, FLORIDA
 BID NUMBER: NC10-005
 BID OPENING DATE: WEDNESDAY, SEPTEMBER 11, 2013

COST REDUCTION ANALYSIS - OPTION 1
 "EXHIBIT B"

LINE NO.	ITEM DESCRIPTION	UNIT	EST. QUAN.	Engineer's Estimate		[Low Bidder]		Cost Differential
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	
1	101-1 MOBILIZATION	LS	1	\$50,000.00	\$50,000.00	\$230,000.00	\$230,000.00	\$230,000.00
2	102-1 MAINTENANCE OF TRAFFIC	LS	1	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$55,000.00
3	104-10-2 IKAY BALES	EA	274	\$8.50	\$2,329.00	\$19.35	\$5,301.90	\$2,972.90
4	104-10-3 SEDIMENT BARRIER	LF	6932	\$0.37	\$6,031.71	\$1.50	\$10,398.00	\$4,366.29
5	104-11 FLOATING TURBIDITY BARRIER	LF	549	\$0.50	\$1,921.50	\$13.25	\$7,274.25	\$5,352.75
6	110-1-1 CLEARING & GRUBBING	LS	1	\$17,500.00	\$17,500.00	\$125,000.00	\$125,000.00	\$107,500.00
7	110-4 REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	1271	\$5.50	\$6,990.50	\$7.10	\$9,024.10	\$2,033.60
8	110-7-1 MAILBOX F&I SINGLE	EA	59	\$129.00	\$6,454.00	\$125.00	\$6,250.00	-\$204.00
9	120-1 IRREGULAR EXCAVATION	CY	3907.5	\$5.57	\$21,764.78	\$7.15	\$27,838.53	\$5,173.85
10	120-5 EMBANKMENT	CY	5979	\$6.23	\$40,826.57	\$5.50	\$32,884.50	-\$7,942.07
11	160-4 TYPE B STABILIZATION	SY	3635	\$2.58	\$22,431.31	\$5.14	\$44,686.73	\$22,255.42
12	285-701 OPTIONAL BASE (BASE GROUP 1) 1/4" LIMEROCK (LBR 100)	SY	1250	\$5.25	\$6,562.50	\$9.75	\$12,187.50	\$5,625.00
13	285-703 OPTIONAL BASE (BASE GROUP 3) 1/2" LIMEROCK (LBR 100)	SY	1970	\$2.25	\$4,432.50	\$11.90	\$23,442.00	\$17,190.50
14	285-706 OPTIONAL BASE (BASE GROUP 6) 1/2" LIMEROCK (LBR 100)	SY	1720	\$10.04	\$17,268.80	\$12.43	\$21,379.20	\$4,110.40
15	300-1 FULL DEPTH RECLAMATION (PULVERIZATION)	SY	29125	\$1.85	\$53,881.25	\$9.45	\$275,201.25	\$221,320.00
16	300-2 CEMENT TREATED BASE	TN	219	\$72.00	\$15,768.00	\$182.00	\$25,478.00	\$10,710.00
17	300-3 EMULSION	GAL	\$2700	\$1.35	\$3,645.00	\$2.75	\$25,620.00	\$21,975.00
18	300-4 BASE MATERIALS (LIMEROCK OR CRUSHED CONCRETE)	CY	1170	\$60.00	\$70,200.00	\$83.00	\$97,110.00	\$26,910.00
19	324-1-13 SUPERPAVE ASPH. CONC. (TRAFFIC C) (SP-9.5)	TN	3558.5	\$84.79	\$301,203.71	\$94.00	\$344,898.44	\$43,694.73
20	327-1-2 ASPHALT CONC. FRICTION COURSE (TRAFFIC C) (FC-9.5) (PG 70-22) (17)	TN	0	\$96.50	\$0.00	\$116.00	\$0.00	\$0.00
21	328-1 MISCELLANEOUS ASPHALT PAVEMENT	TN	24.4	\$121.44	\$2,963.14	\$263.00	\$6,344.00	\$3,380.86
22	425-1-521 INLETS, DT BOT, TYPE C, <10'	EA	1	\$1,864.01	\$1,864.01	\$1,495.00	\$1,495.00	-\$369.01
23	425-1-541 INLETS, DT BOT, TYPE D, <10'	EA	7	\$2,520.33	\$17,642.31	\$2,100.00	\$14,700.00	-\$2,942.31
24	425-1-551 INLETS, DT BOT, TYPE E, <10'	EA	4	\$2,787.97	\$11,151.88	\$2,035.00	\$8,140.00	-\$3,011.88
25	425-1-581 INLETS, DT BOT, TYPE H, <10'	EA	2	\$5,128.02	\$10,256.04	\$2,370.00	\$4,740.00	-\$5,516.04
26	425-2-91 MANHOLE, >3' <10'	EA	1	\$4,734.63	\$4,734.63	\$4,920.00	\$4,920.00	\$185.37
27	430-174-118 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" SD	LF	62	\$41.83	\$2,593.46	\$32.00	\$1,984.00	-\$609.46
28	430-174-218 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18" SD	LF	33	\$50.46	\$1,669.38	\$39.40	\$1,300.20	-\$369.18
29	430-174-124 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" SD	LF	32	\$49.42	\$1,581.44	\$125.15	\$4,012.80	\$2,431.36
30	430-174-224 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24" SD	LF	219	\$41.35	\$9,055.65	\$54.00	\$11,826.00	\$2,770.35
31	430-174-230 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30" SD	LF	0	\$54.55	\$0.00	\$59.00	\$0.00	\$0.00
32	430-175-118 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/C/D	LF	87	\$41.83	\$3,639.21	\$31.00	\$2,697.00	-\$942.21
33	430-175-218 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18" S/C/D	LF	686	\$40.98	\$28,112.28	\$44.50	\$30,527.00	\$2,414.72
34	430-175-124 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/C/D	LF	55	\$54.23	\$2,982.65	\$48.50	\$2,667.50	-\$315.15
35	430-175-224 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24" S/C/D	LF	792	\$56.59	\$44,826.08	\$59.50	\$47,124.00	\$2,302.08
36	430-175-130 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30" S/C/D	LF	211	\$58.04	\$12,246.44	\$50.50	\$10,655.50	-\$1,590.94
37	430-175-230 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30" S/C/D	LF	271	\$73.74	\$19,983.54	\$120.00	\$32,520.00	\$12,536.46
38	430-953-2 PVC PIPE, FOR BACK OF SIDEWALK, NON STANDARD DIAMETER	LF	57	\$27.40	\$1,551.30	\$26.50	\$1,501.50	-\$49.80
39	430-984-533 MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 30" CD	EA	2	\$1,451.28	\$2,902.56	\$2,540.00	\$5,080.00	\$2,177.44
40	430-984-125 MITERED END SECTION, OPTIONAL - ROUND, 18" SD	EA	4	\$172.05	\$688.20	\$1,075.00	\$4,300.00	\$3,611.80
41	430-984-625 MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	4	\$301.25	\$1,205.00	\$1,145.00	\$4,580.00	\$3,375.00
42	430-984-125 MITERED END SECTION, OPTIONAL - ROUND, 24" SD	EA	2	\$321.12	\$642.24	\$1,365.00	\$2,730.00	\$1,987.76
43	430-984-525 MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	10	\$1,389.56	\$13,895.60	\$2,080.00	\$20,800.00	\$6,904.40
44	430-984-530 MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 30" SD	EA	0	\$1,452.65	\$0.00	\$2,780.00	\$0.00	\$0.00
45	515-2-321 IPEDIBICYCLE RAILING, ALUMINIUM ONLY, 54", TYPE 1	LF	264.5	\$71.00	\$18,879.50	\$51.50	\$29,706.75	\$10,827.25
46	520-1-8 ICONCRETE CURB AND GUTTER, RIBBON CURB	LF	107	\$32.30	\$3,456.10	\$23.75	\$2,541.25	-\$914.85
47	520-1-10 ICONCRETE CURB AND GUTTER, TYPE F	LF	82	\$13.12	\$1,075.84	\$20.25	\$1,660.50	\$584.66
48	522-1 SIDEWALK CONC. 14" THICK	SY	1703	\$26.97	\$45,929.91	\$31.25	\$53,218.75	\$7,288.84
49	522-2 SIDEWALK CONC. 16" THICK	SY	330	\$34.92	\$11,523.60	\$35.00	\$11,650.00	\$126.40
50	524-1-2 ICONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	125	\$41.59	\$5,198.75	\$42.75	\$5,343.75	\$145.00
51	527-1 DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	17	\$403.78	\$6,864.26	\$435.00	\$7,395.00	\$630.74
52	530-3-4 RUBBLE RIPRAP, DITCH LINING	TN	4.0	\$55.34	\$221.36	\$260.00	\$1,040.00	\$818.64
53	536-1-1 GUARDRAIL, ROADWAY	LF	475	\$16.08	\$7,638.00	\$20.00	\$9,500.00	\$1,862.00
54	536-73 GUARDRAIL, REMOVE	LF	325	\$1.52	\$494.00	\$4.25	\$1,381.25	\$887.25

Contract Management
 Prepared by: Charlotte J. Young
 Report Date: 12/12/2012

PROJECT: BLACKSBORO ROAD CORRIDOR IMPROVEMENTS
 LOCATION: VILLE, FLORIDA
 BID NUMBER: NCR-0485
 BID OPENING DATE: WEDNESDAY, SEPTEMBER 11, 2013

COST REDUCTION ANALYSIS - OPTION 1
 "BID #1" 5

EST. QUAN.	UNIT	Description	Engineer's Estimate			[Low Bidder]		
			UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	Com. Differential	
55	4	GUARDRAIL BRIDGE ANCHORAGE ASSEMBLY, F&I	\$7,797.42	\$30,709.68	\$7,000.00	\$28,000.00	\$7,709.68	
56	4	GUARDRAIL END ANCHORAGE ASSEMBLY, PARALLEL	\$7,500.00	\$30,000.00	\$7,000.00	\$28,000.00	\$2,000.00	
57	257	FENCING TYPE B, 5.1'-0" STANDARD	\$2,647.00	\$680,279.00	\$1,000.00	\$257,000.00	\$429,279.00	
58	2	FENCE GATE TYPE B, DOUBLE, 12.1'-0" OPENING	\$9,460.00	\$18,920.00	\$9,750.00	\$19,500.00	-\$580.00	
59	7288	PERFORMANCE TURF SOG	\$1,571.00	\$11,451,756.00	\$1,500.00	\$10,950,000.00	\$501,756.00	
60	1	LANDSCAPE COMPLETE (TREE PROTECTION)	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00	\$200.00	
Signing and Pavement Markings Base Bid								
61	7	SINGLE POST SIGN, F&I, LESS THAN 12 SF	\$290.17	\$2,031.19	\$260.00	\$1,820.00	\$211.19	
62	2	SINGLE POST SIGN, F&I, 12-20 SF	\$278.11	\$556.22	\$250.00	\$500.00	\$56.22	
63	27	SINGLE POST SIGN (RELOCATE)	\$324.29	\$8,755.83	\$300.00	\$8,100.00	\$655.83	
64	2	SINGLE POST SIGN (REMOVE)	\$171.50	\$343.00	\$150.00	\$300.00	\$43.00	
65	5	SIGN PANELS, F&I, 15 OR 4'	\$317.70	\$1,588.50	\$300.00	\$1,500.00	\$88.50	
66	22	SIGN PANELS RELOCATE, 15 OR 4'	\$74.79	\$1,645.38	\$70.00	\$1,540.00	\$105.38	
67	10	SIGN PANELS REPLACE, 15 OR LESS	\$174.00	\$1,740.00	\$160.00	\$1,600.00	\$140.00	
68	2	SIGN PANELS, REMOVE	\$115.29	\$230.58	\$110.00	\$220.00	\$10.58	
69	4	OBJECT MARKER (TYPE 2)	\$150.24	\$600.96	\$140.00	\$560.00	\$40.96	
70	468	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (YELLOW)	\$3.20	\$1,509.60	\$3.00	\$1,404.00	\$105.60	
71	7090	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL) (YELLOW)	\$3.20	\$22,688.00	\$3.00	\$21,240.00	\$1,448.00	
72	16	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (WHITE)	\$3.20	\$51.20	\$3.00	\$48.00	\$3.20	
73	7090	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (BLUE)	\$3.20	\$22,688.00	\$3.00	\$21,240.00	\$1,448.00	
74	1114-1111	THERMOPLASTIC STANDARD, WHITE, SOLID, 5"	\$3,897.73	\$43,275.07	\$3,500.00	\$38,500.00	\$4,775.07	
75	1114-1112	THERMOPLASTIC STANDARD, WHITE, SOLID, 3"	\$4,250.00	\$46,750.00	\$3,800.00	\$41,800.00	\$4,950.00	
76	1114-1122	THERMOPLASTIC STANDARD, WHITE, SOLID, 12"	\$1,571.00	\$17,281.00	\$1,400.00	\$15,400.00	\$1,881.00	
77	1114-1124	THERMOPLASTIC STANDARD, WHITE, SOLID, 18"	\$2,300.00	\$25,300.00	\$2,100.00	\$23,100.00	\$2,200.00	
78	1114-1125	THERMOPLASTIC STANDARD, WHITE, SOLID, 24"	\$3,540.00	\$38,940.00	\$3,200.00	\$34,400.00	\$4,540.00	
79	1114-1126	THERMOPLASTIC STANDARD, WHITE, SOLID, 30"	\$5,140.00	\$56,540.00	\$4,600.00	\$49,600.00	\$6,940.00	
80	1114-1127	THERMOPLASTIC STANDARD, YELLOW, SOLID, 5"	\$2,826.60	\$31,492.60	\$2,600.00	\$28,600.00	\$2,892.60	
81	1114-1128	THERMOPLASTIC STANDARD, YELLOW, SOLID, 12"	\$10.15	\$111.65	\$9.00	\$99.00	\$12.65	
82	1114-1129	THERMOPLASTIC STANDARD, YELLOW, SOLID, 18"	\$17,400.84	\$191,409.28	\$15,800.00	\$174,000.00	\$17,409.28	
83	1114-1130	THERMOPLASTIC STANDARD, YELLOW, SOLID, 24"	\$25,820.00	\$284,020.00	\$23,600.00	\$259,600.00	\$24,420.00	
84	1114-1131	THERMOPLASTIC STANDARD, YELLOW, SOLID, 30"	\$36,820.00	\$405,020.00	\$33,800.00	\$372,400.00	\$32,620.00	
GRS-155 Bridge Base Bid								
85	1	REMOVAL OF EXISTING STRUCTURE	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$500.00	
86	1	EXISTING PEDESTRIAN BRIDGE RELOCATION	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$500.00	
87	1452	GRAVEL FILL (SELECT BACKFILL)	\$41.50	\$60,160.00	\$38.00	\$55,040.00	\$5,120.00	
88	200.2	CONC CLAS II (SUPERS STRUCTURE)	\$2,499.00	\$500,380.00	\$2,200.00	\$440,000.00	\$60,380.00	
89	2.2	CONC CLASS II (APPROACH SLABS)	\$300.00	\$660.00	\$270.00	\$594.00	\$66.00	
90	500.5	REIN STEEL (SUPERS STRUCTURE)	\$0.78	\$390.39	\$0.70	\$350.35	\$40.04	
91	415-1-9	REIN STEEL (APPROACH SLABS)	\$0.95	\$390.39	\$0.85	\$353.25	\$37.14	
92	450-2-15	15 INCH PRESTRESSED SLAB UNITS (15' X 20')	\$160.00	\$72,000.00	\$140.00	\$63,000.00	\$9,000.00	
93	450-2-25	15 INCH PRESTRESSED SLAB UNITS (15' X 20')	\$159.00	\$71,550.00	\$140.00	\$63,000.00	\$8,550.00	
94	450-3-11	BRIDGE DECK EXPANSION JOINT, POURED JOINT	\$25,000.00	\$275,000.00	\$22,000.00	\$242,000.00	\$33,000.00	
95	601-5-4	CONCRETE TRAFFIC RAILING-BRIDGE (RT F-SHAPE)	\$71.74	\$430,464.00	\$65.00	\$390,000.00	\$40,464.00	
96	600-3-2	CONCRETE TRAFFIC RAILING-BRIDGE (RT F-SHAPE)	\$70.79	\$424,782.00	\$65.00	\$390,000.00	\$34,782.00	
97	500-2-2	BEDDING STONE	\$30.70	\$307,000.00	\$28.00	\$280,000.00	\$27,000.00	
98	500-2-2	GRS BRIDGE ABUTMENT	\$58.00	\$580.00	\$50.00	\$500.00	\$80.00	
TOTAL BASE BID ITEMS 1 TO 81								
			\$1,675,373.17	\$1,675,373.17	\$1,500,000.00	\$1,500,000.00	\$175,373.17	
PART 1 - WATER MAIN CONSTRUCTION								
99	1	MOBILIZATION		\$0.00		\$0.00	\$0.00	
100	1	SITE PREPARATION		\$5,000.00		\$5,000.00	\$0.00	
101	1	MAINTENANCE OF TRAFFIC		\$4,500.00		\$4,500.00	\$0.00	
102	4	FIRE HYDRANT		\$2,700.00		\$2,700.00	\$0.00	
103	28	WATER MAIN, PVC, 6"		\$7,560.00		\$7,560.00	\$0.00	
104	4	GATE VALVE, 6"		\$3,600.00		\$3,600.00	\$0.00	

Contract Management
 Prepared by: Charles L. Young
 Report Date: 12/10/2012

PROJECT: BLACKROCK ROAD CORRIDOR IMPROVEMENTS
 LOCATION: YULIEE, FLORIDA
 BID NUMBER: NC13-103
 BID OPENING DATE: WEDNESDAY, SEPTEMBER 11, 2013

COST REDUCTION ANALYSIS - OPTION 1
 "EXHIBIT B"

ITEM	UNIT	EST. QUAN.	Engineer's Estimate		[Low Bidder]		Cost Differential
			UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	
SEA-7	EA	11	\$300.00	\$3,300.00	\$300.00	\$3,300.00	
SEA-8	EA	2	\$235.00	\$470.00	\$235.00	\$470.00	
SEA-9	EA	5	\$870.00	\$4,350.00	\$870.00	\$4,350.00	
SUBTOTAL - PART I WATER MAIN CONSTRUCTION:							
				\$8,120.00		\$8,120.00	
TOTAL - PART I WATER MAIN CONSTRUCTION:							
						\$8,120.00	
PART II - SEWER MAIN CONSTRUCTION							
SEA-10	LF	14	\$53.00	\$742.00	\$53.00	\$742.00	
SEA-11	LF	2650	\$20.00	\$53,000.00	\$20.00	\$53,000.00	
SEA-12	EA	10	\$665.00	\$6,650.00	\$665.00	\$6,650.00	
SEA-13	EA	1	\$920.00	\$920.00	\$920.00	\$920.00	
SEA-14	EA	1	\$2,410.00	\$2,410.00	\$2,410.00	\$2,410.00	
SEA-15	EA	5	\$1,910.00	\$9,550.00	\$1,910.00	\$9,550.00	
SEA-16	EA	2	\$3,355.00	\$6,710.00	\$3,355.00	\$6,710.00	
SEA-17	EA	1	\$1,275.00	\$1,275.00	\$1,275.00	\$1,275.00	
SEA-18	EA	3	\$1,640.00	\$4,920.00	\$1,640.00	\$4,920.00	
SEA-19	EA	2	\$520.00	\$1,040.00	\$520.00	\$1,040.00	
SEA-20	EA	65	\$270.00	\$17,550.00	\$270.00	\$17,550.00	
SEA-21	EA	2	\$84.00	\$168.00	\$84.00	\$168.00	
SEA-22	LF	11	\$18.00	\$198.00	\$18.00	\$198.00	
SEA-23	LF	2085	\$7.50	\$15,637.50	\$7.50	\$15,637.50	
SEA-24	HR	45	\$320.00	\$14,400.00	\$320.00	\$14,400.00	
SUBTOTAL - PART II SEWER MAIN CONSTRUCTION:							
				\$88,000.00		\$88,000.00	
TOTAL - PART II SEWER MAIN CONSTRUCTION:							
				\$88,000.00		\$88,000.00	
BASE BID (NASSAU COUNTY)							
				\$1,475,078.17		\$1,475,078.17	
TOTAL - PART I WATER MAIN CONSTRUCTION:							
				\$8,120.00		\$8,120.00	
TOTAL - PART II SEWER MAIN CONSTRUCTION:							
				\$144,547.00		\$144,547.00	
TOTAL JSA ALTERNATE BID							
				\$192,667.00		\$192,667.00	
TOTAL BASE BID PLUS JSA ALTERNATE BID							
				\$2,567,292.17		\$2,567,292.17	

CO# 3 EXHIBIT

Copy of
CO# 1 Document

CAPITAL PROJECTS ADMINISTRATION

PAYMENT SUMMARY

PROJECT: BLACKROCK ROAD CORRIDOR IMPROVEMENTS
CONTRACTOR: FETIGCAT-SCHMITT CIVIL CONTRACTORS, INC.
CONTRACT NO.: CM2034

Pay Item	DESCRIPTION	Unit	Quan.	Unit Cost	Original Contract Sum	Change Orders	New Contract Sum (including change orders)
1	101-1 MOBILIZATION	LS	1	\$200,000.00	\$200,000.00		\$200,000.00
2	102-1 MAINTENANCE OF TRAFFIC	LS	1	\$0.00	\$0.00		\$0.00
3	104-10-2 HAY BALES	EA	274	\$5.30	\$1,452.30		\$1,452.30
4	104-10-3 SEDIMENT BARRIER	LF	6933	\$1.50	\$10,399.50		\$10,399.50
5	104-11 FLOATING TURBIDITY BARRIER	LF	649	\$13.25	\$7,274.25		\$7,274.25
6	110-1-1 CLEARING & GRUBBING	LS	1	\$125,000.00	\$125,000.00		\$125,000.00
7	110-4 REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	1271	\$7.10	\$9,024.10		\$9,024.10
8	110-7-1 MAILBOX, F&I SINGLE	EA	60	\$125.00	\$6,250.00		\$6,250.00
9	120-1 REGULAR EXCAVATION	CY	3007.5	\$7.15	\$21,493.63		\$21,493.63
10	120-6 EMBANKMENT	CY	6979	\$5.60	\$38,982.40		\$38,982.40
11	160-4 TYPE B STABILIZATION	SY	6595	\$5.14	\$33,898.70		\$33,898.70
12	285-701 OPTIONAL BASE (BASE GROUP 1) (4" LIMEROCK) (LER 100)	SY	1250	\$9.75	\$12,187.50		\$12,187.50
13	285-703 OPTIONAL BASE (BASE GROUP 3) (5.6" LIMEROCK) (LER 100)	SY	1970	\$11.00	\$21,643.00		\$21,643.00
14	285-706 OPTIONAL BASE (BASE GROUP 6) (6" LIMEROCK) (LER 100)	SY	1720	\$13.40	\$23,048.00		\$23,048.00
15	300-1 FULL DEPTH RECLAMATION (FULVERIZATION)	SY	29125	\$9.45	\$275,231.25		\$275,231.25
16	300-2 CEMENT TREATED BASE	TN	219	\$162.00	\$35,478.00		\$35,478.00
17	300-3 EMULSION	GAL	93200	\$2.70	\$251,640.00		\$251,640.00
18	300-4 BASE MATERIAL S (LIMEROCK OR CRUSHED CONCRETE)	CY	1170	\$53.00	\$62,121.00		\$62,121.00
19	334-1-13 SUPERPAVE ASPH CONC (TRAFFIC C) (SP-9)	TN	3058.5	\$94.00	\$287,443.00		\$287,443.00
20	337-2-2 ASPHALT CONC-FRICTION COURSE (TRAFFIC C) (FC-0-0) (PG 70-22) (4")	TN	0	\$148.00	\$0.00		\$0.00
21	339-1 MISCELLANEOUS ASPHALT PAVEMENT	TN	24.4	\$200.00	\$4,880.00		\$4,880.00
22	425-1-521 INLETS, DT BOT, TYPE C, <10'	EA	1	\$1,495.00	\$1,495.00		\$1,495.00
23	425-1-541 INLETS, DT BOT, TYPE D, <10'	EA	7	\$2,100.00	\$14,700.00		\$14,700.00
24	425-1-551 INLETS, DT BOT, TYPE E, <10'	EA	4	\$2,035.00	\$8,140.00		\$8,140.00
25	425-1-581 INLETS, DT BOT, TYPE H, <10'	EA	2	\$2,870.00	\$5,740.00		\$5,740.00
26	425-2-91 MANHOLE, J-8, <10'	EA	1	\$4,920.00	\$4,920.00		\$4,920.00
27	430-174-118 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18" SD	LF	62	\$32.00	\$1,984.00		\$1,984.00
28	430-174-124 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24" SD	LF	32	\$120.15	\$3,844.80		\$3,844.80
29	430-174-224 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24" SD	LF	219	\$54.00	\$11,826.00		\$11,826.00
30	430-174-220 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30" SD	LF	0	\$60.00	\$0.00		\$0.00
31	430-175-118 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/C	LF	87	\$31.00	\$2,697.00		\$2,697.00
32	430-175-124 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/C	LF	650	\$44.50	\$28,945.00		\$28,945.00
33	430-175-124 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/C	LF	55	\$48.50	\$2,667.50		\$2,667.50
34	430-175-224 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24" S/C	LF	792	\$59.50	\$47,124.00		\$47,124.00
35	430-175-125 PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30" S/C	LF	211	\$62.50	\$13,187.50		\$13,187.50
36	430-175-220 PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30" S/C	LF	271	\$120.00	\$32,550.00		\$32,550.00
37	430-603-2 PVC PIPE, FOR BACK OF SIDEWALK, NON STANDARD DIAMETER	LF	57	\$28.50	\$1,611.50		\$1,611.50
38	430-603-633 MITERED END SECTION, OPTIONAL ELLIPTICAL / ARCH, 30" CD	EA	2	\$2,540.00	\$5,080.00		\$5,080.00
39	430-604-125 MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	4	\$1,075.00	\$4,300.00		\$4,300.00
40	430-604-625 MITERED END SECTION, OPTIONAL ELLIPTICAL / ARCH, 18" SD	EA	4	\$1,145.00	\$4,580.00		\$4,580.00
41	430-604-129 MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	2	\$1,365.00	\$2,730.00		\$2,730.00
42	430-604-629 MITERED END SECTION, OPTIONAL ELLIPTICAL / ARCH, 24" SD	EA	10	\$2,080.00	\$20,800.00		\$20,800.00
43	430-604-633 MITERED END SECTION, OPTIONAL ELLIPTICAL / ARCH, 30" SD	EA	0	\$2,780.00	\$0.00		\$0.00
44	515-2-221 FRED/BICYCLE RAILING, ALUM/NUM ONLY, 64", TYPE 1	LF	384.5	\$51.50	\$19,798.75		\$19,798.75
45	520-1-8 CONCRETE CURB AND GUTTER, RISSON CURB	LF	107	\$23.75	\$2,541.25		\$2,541.25
46	520-1-10 CONCRETE CURB AND GUTTER, TYPE F	LF	62	\$20.25	\$1,255.50		\$1,255.50
47	522-1 SIDEWALK CONC (4" THICK)	SY	1703	\$31.25	\$53,218.75		\$53,218.75
48	522-2 SIDEWALK CONC (6" THICK)	SY	300	\$35.00	\$10,500.00		\$10,500.00
49	524-1-2 CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	125	\$42.75	\$5,343.75		\$5,343.75
50	527-1 DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	17	\$485.00	\$8,245.00		\$8,245.00
51	530-3-4 RUBBLE R-TRAP, DITCH LINING	TN	4	\$200.00	\$800.00		\$800.00
52	535-1-1 GUARDRAIL, ROADWAY	LF	475	\$23.00	\$10,925.00		\$10,925.00
53	535-7-3 GUARDRAIL, REMOVE	LF	328	\$4.25	\$1,384.00		\$1,384.00
54	535-8 GUARDRAIL, BRIDGE ANCHORAGE ASSEMBLY, F&I	EA	4	\$2,065.00	\$8,260.00		\$8,260.00
55	535-85-24 GUARDRAIL END ANCHORAGE ASSEMBLY, PARALLEL	EA	4	\$1,600.00	\$6,400.00		\$6,400.00
56	550-10-220 FENCING, TYPE B, 5' 1-8" O', STANDARD	LF	257	\$11.00	\$2,827.00		\$2,827.00
57	550-60-223 FENCE GATE, TYPE B, DOUBLE, 12' 1-18" O' OPENING	SY	2	\$875.00	\$1,750.00		\$1,750.00
58	570-1-2 PERFORMANCE TURF, 500	SY	289	\$2.10	\$6,069.00		\$6,069.00
59	580-1 LANDSCAPE, COMPLETE (TREE PROTECTION)	LS	1	\$1,365.00	\$1,365.00		\$1,365.00
Signing and Pavement Markings Base Bid							
60	700-20-11 SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	7	\$260.00	\$1,820.00		\$1,820.00
61	700-20-12 SINGLE POST SIGN, F&I, 12-20 SF	AS	2	\$450.00	\$900.00		\$900.00
62	700-20-40 SINGLE POST SIGN (RELOCATE)	AS	27	\$65.75	\$1,776.75		\$1,776.75
63	700-20-60 SINGLE POST SIGN (REMOVE)	AS	2	\$1.05	\$2.10		\$2.10
64	700-48-18 SIGN PANELS, F&I, 15 OR <	EA	9	\$110.00	\$990.00		\$990.00
65	700-48-48 SIGN PANELS RELOCATE, 15 OR <	EA	22	\$51.00	\$1,122.00		\$1,122.00
66	700-48-58 SIGN PANELS REPLACE, 15 OR LESS	EA	18	\$99.50	\$1,791.00		\$1,791.00
67	700-48-60 SIGN PANELS, REMOVE	EA	2	\$14.85	\$29.70		\$29.70
68	705-10-2 OBJECT MARKER (TYPE 2)	EA	4	\$141.00	\$564.00		\$564.00
69	700-3 RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (YELLOW)	EA	468	\$4.15	\$1,941.60		\$1,941.60
70	700-3 RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL) (YELLOW)	EA	51	\$4.15	\$211.65		\$211.65
71	700-3 RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (WHITERED)	EA	10	\$4.15	\$41.50		\$41.50
72	700-3 RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (BLUE)	EA	7	\$4.15	\$29.05		\$29.05
73	711-11-111 THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	3,833	\$5.50	\$21,100.50		\$21,100.50
74	711-11-112 THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	NM	0,664	\$7.20	\$4,780.80		\$4,780.80
75	711-11-123 THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	1,057	\$2.15	\$2,272.65		\$2,272.65
76	711-11-124 THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	35	\$4.00	\$140.00		\$140.00
77	711-11-125 THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	390	\$5.50	\$2,145.00		\$2,145.00
78	711-11-170 THERMOPLASTIC, STANDARD, WHITE, SOLID, ARROW	EA	1	\$180.00	\$180.00		\$180.00
79	711-11-211 THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	1,941	\$5.50	\$10,729.50		\$10,729.50
80	711-11-224 THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	328	\$4.00	\$1,312.00		\$1,312.00
81	711-11-231 THERMOPLASTIC, STANDARD, YELLOW, 10-30 SKIP, 6"	GM	1,445	\$1,700.00	\$2,456.50		\$2,456.50
82	711-11-251 THERMOPLASTIC, STANDARD, YELLOW, GUIDELINE, 6"	LF	770	\$1.45	\$1,116.50		\$1,116.50
GRS-IBS Bridges Base Bid							
83	110-3A REMOVAL OF EXISTING STRUCTURE	LS	1	\$15,663.07	\$15,663.07		\$15,663.07
84	110-3B EXISTING PEDESTRIAN BRIDGE RELOCATION	LS	1	\$10,300.00	\$10,300.00		\$10,300.00
85	400-2-4 GRAVEL FILL (SELECT BACKFILL)	CY	1450	\$45.00	\$65,250.00		\$65,250.00
86	400-2-4 CONC CLASS II (SUPERSTRUCTURE)	CY	39.2	\$710.00	\$27,848.00		\$27,848.00
87	400-2-10 CONC CLASS II (APPROACH SLABS)	CY	2.2	\$710.00	\$1,562.00		\$1,562.00
88	415-1-4 REINF STEEL (SUPERSTRUCTURE)	LB	5325	\$2.10	\$11,182.50		\$11,182.50
89	415-1-9 REINF STEEL (APPROACH SLABS)	LB	420	\$2.10	\$882.00		\$882.00
90	450-3-15 15 INCH PRESTRESSED SLAB UNITS (15' X 48")	LF	352	\$220.00	\$77,440.00		\$77,440.00
91	450-3-55 15 INCH PRESTRESSED SLAB UNITS (15' X 30 5/8")	LF	88	\$285.00	\$25,080.00		\$25,080.00
92	458-1-11 BRIDGE DECK EXPANSION JOINT, POURED JOINT	LF	23	\$23.00	\$529.00		\$529.00
93	521-5-1 CONCRETE TRAFFIC RAILING-BRIDGE (3/4" F-SHAPE)	LF	48	\$103.00	\$4,944.00		\$4,944.00
94	530-3-3 RIPRAP, RUBBLE, BANK AND SHORE	TN	343	\$100.00	\$34,300.00		\$34,300.00
95	530-7-4 BEDDING STONE	TN	170	\$68.00	\$11,560.00		\$11,560.00
96	549-2 GRS BRIDGE ABUTMENT	SF	2340	\$110.00	\$257,400.00		\$257,400.00
TOTAL (A)					\$2,680,676.59	\$0.00	\$2,680,676.59

Should BE
44,692.30 (COT)

Should BE
343,899.00 (COT)

Should BE
2,680,679.73

CHANGE ORDER DETAILS & VALUES

CO#1	Revised Schedule of Values, reflected in the approved quantities above, resulting in deductive change order in the amount of \$1,209,832.41 (original bid \$3,690,509.00 minus \$1,209,832.41 = \$2,680,676.59)		
** Actual Amount that should have been deducted in CO# 1, (COT) **			
TOTAL CHANGE ORDERS:			\$0.00

*# 3,890,509.00
-# 1,209,829.27

2,680,679.73 (COT)

NOT = # 2,680,676.59
Diff. = \$ 3.14 (COT)

PAYMENT SUMMARY: **Corrected Totals**

PROJECT: **BLACKROCK ROAD CORRIDOR IMPROVEMENTS**

CONTRACTOR: **PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.**

CONTRACT NO.: **CM2034**

= **CORRECTED
TOTALS**

Pay Item	DESCRIPTION	Unit	Quan.	Unit Cost	Original Contract Sum	New Contract Sum (including change orders)
1	101-1 MOBILIZATION	LS	1	\$280,000.00	\$280,000.00	\$280,000.00
2	102-1 MAINTENANCE OF TRAFFIC	LS	1	\$80,000.00	\$80,000.00	\$80,000.00
3	104-10-2 HAY BALES	EA	274	\$19.35	\$5,301.90	\$5,301.90
4	104-10-3 SEDIMENT BARRIER	LF	6933	\$1.50	\$10,399.50	\$10,399.50
5	104-11 FLOATING TURBIDITY BARRIER	LF	549	\$13.25	\$7,274.25	\$7,274.25
6	110-1-1 CLEARING & GRUBBING	LS	1	\$125,000.00	\$125,000.00	\$125,000.00
7	110-4 REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	1271	\$7.10	\$9,024.10	\$9,024.10
8	110-7-1 MAILBOX, F&I SINGLE	EA	50	\$125.00	\$6,250.00	\$6,250.00
9	120-1 REGULAR EXCAVATION	CY	3907.5	\$7.15	\$27,938.63	\$27,938.63
10	120-6 EMBANKMENT	CY	5979	\$5.50	\$32,884.50	\$32,884.50
11	160-4 TYPE B STABILIZATION	SY	8695	\$5.14	\$44,692.30	\$44,692.30
12	285-701 OPTIONAL BASE (BASE GROUP 1) (4" LIMEROCK) (LBR 100)	SY	1250	\$9.75	\$12,187.50	\$12,187.50
13	285-703 OPTIONAL BASE (BASE GROUP 3) (5.5" LIMEROCK) (LBR 100)	SY	1970	\$11.90	\$23,443.00	\$23,443.00
14	285-706 OPTIONAL BASE (BASE GROUP 6) (8" LIMEROCK) (LBR 100)	SY	1720	\$13.40	\$23,048.00	\$23,048.00
15	300-1 FULL DEPTH RECLAMATION (PULVERIZATION)	SY	29125	\$9.45	\$275,231.25	\$275,231.25

PAYMENT SUMMARY: **Corrected Totals**

PROJECT: **BLACKROCK ROAD CORRIDOR IMPROVEMENTS**

= **CORRECTED
TOTALS**

CONTRACTOR: **PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.**

CONTRACT NO.: **CM2034**

16	300-2	CEMENT TREATED BASE	TN	219	\$162.00	\$35,478.00	\$35,478.00
17	300-3	EMULSION	GAL	93200	\$2.70	\$251,640.00	\$251,640.00
18	300-4	BASE MATERIALS (LIMEROCK OR CRUSHED CONCRETE)	CY	1170	\$83.00	\$97,110.00	\$97,110.00
19	334-1-13	SUPERPAVE ASPH. CONC. (TRAFFIC C) (SP-9.5)	TN	3658.5	\$94.00	\$343,899.00	\$343,899.00
20	337-7-42	ASPHALT CONC. FRICTION COURSE (TRAFFIC C) (FC-9.5) (PG 76-22) (1")	TN	0	\$116.00	\$0.00	\$0.00
20	339-1	MISCELLANEOUS ASPHALT PAVEMENT	TN	24.4	\$260.00	\$6,344.00	\$6,344.00
21	425-1-521	INLETS, DT BOT, TYPE C, <10'	EA	1	\$1,495.00	\$1,495.00	\$1,495.00
22	425-1-541	INLETS, DT BOT, TYPE D, <10'	EA	7	\$2,100.00	\$14,700.00	\$14,700.00
23	425-1-551	INLETS, DT BOT, TYPE E, <10'	EA	4	\$2,035.00	\$8,140.00	\$8,140.00
24	425-1-581	INLETS, DT BOT, TYPE H, <10'	EA	2	\$2,870.00	\$5,740.00	\$5,740.00
25	425-2-91	MANHOLE, J-8, <10	EA	1	\$4,920.00	\$4,920.00	\$4,920.00
26	430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	62	\$32.00	\$1,984.00	\$1,984.00
27	430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	83	\$38.40	\$3,187.20	\$3,187.20
28	430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	32	\$129.15	\$4,132.80	\$4,132.80
29	430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	219	\$54.00	\$11,826.00	\$11,826.00
30	430-174-230	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30"SD	LF	0	\$69.00	\$0.00	\$0.00
30	430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD	LF	87	\$31.00	\$2,697.00	\$2,697.00
31	430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18" S/CD	LF	686	\$44.50	\$30,527.00	\$30,527.00
32	430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	55	\$48.50	\$2,667.50	\$2,667.50

PAYMENT SUMMARY: **Corrected Totals**

PROJECT: **BLACKROCK ROAD CORRIDOR IMPROVEMENTS**

= **CORRECTED
TOTALS**

CONTRACTOR: **PETTICOAT-SCHMITT CIVIL CONTRACTORS, INC.**

CONTRACT NO.: **CM2034**

33	430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"S/CD	LF	792	\$59.50	\$47,124.00	\$47,124.00
34	430-175-130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30" S/CD	LF	211	\$62.50	\$13,187.50	\$13,187.50
35	430-175-230	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30"S/CD	LF	271	\$120.00	\$32,520.00	\$32,520.00
36	430-963-2	PVC PIPE, FOR BACK OF SIDEWALK, NON STANDARD DIAMETER	LF	57	\$26.50	\$1,510.50	\$1,510.50
37	430-982-633	MITERED END SECTION, OPTIONAL -ELLIPTICAL / ARCH, 30" CD	EA	2	\$2,540.00	\$5,080.00	\$5,080.00
38	430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	4	\$1,075.00	\$4,300.00	\$4,300.00
39	430-984-625	MITERED END SECTION, OPTIONAL -ELLIPTICAL / ARCH, 18" SD	EA	4	\$1,145.00	\$4,580.00	\$4,580.00
40	430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	2	\$1,365.00	\$2,730.00	\$2,730.00
41	430-984-629	MITERED END SECTION, OPTIONAL -ELLIPTICAL / ARCH, 24" SD	EA	10	\$2,080.00	\$20,800.00	\$20,800.00
42	430-984-633	MITERED END SECTION, OPTIONAL -ELLIPTICAL / ARCH, 30" SD	EA	0	\$2,780.00	\$0.00	\$0.00
42	515-2-321	PED/BICYCLE RAILING, ALUMINIUM ONLY, 54", TYPE I	LF	364.5	\$81.50	\$29,706.75	\$29,706.75
43	520-1-8	CONCRETE CURB AND GUTTER, RIBBON CURB	LF	107	\$23.75	\$2,541.25	\$2,541.25
44	520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	62	\$20.25	\$1,255.50	\$1,255.50
45	522-1	SIDEWALK CONC. (4" THICK)	SY	1703	\$31.25	\$53,218.75	\$53,218.75
46	522-2	SIDEWALK CONC. (6" THICK)	SY	390	\$35.00	\$13,650.00	\$13,650.00
47	524-1-2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	125	\$42.75	\$5,343.75	\$5,343.75
48	527-1	DETECTABLE WARNING ON WALKING SURFACE, RETROFIT	EA	17	\$485.00	\$8,245.00	\$8,245.00
49	530-3-4	RUBBLE RIPRAP, DITCH LINING	TN	4	\$260.00	\$1,040.00	\$1,040.00
50	536-1-1	GUARDRAIL, ROADWAY	LF	475	\$23.00	\$10,925.00	\$10,925.00

PAYMENT SUMMARY: **Corrected Totals**

PROJECT: **BLACKROCK ROAD CORRIDOR IMPROVEMENTS**



**CORRECTED
TOTALS**

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51	536-73	GUARDRAIL, REMOVE	LF	326	\$4.25	\$1,385.50	\$1,385.50
52	536-8	GUARDRAIL, BRIDGE ANCHORAGE ASSEMBLY, F&I	EA	4	\$2,065.00	\$8,260.00	\$8,260.00
53	536-85-24	GUARDRAIL END ANCHORAGE ASSEMBLY, PARALLEL	EA	4	\$1,900.00	\$7,600.00	\$7,600.00
54	550-10-220	FENCING, TYPE B, 5.1'-6.0', STANDARD	LF	257	\$11.00	\$2,827.00	\$2,827.00
55	550-60-223	FENCE GATE, TYPE B, DOUBLE, 12.1'-18.0' OPENING	EA	2	\$875.00	\$1,750.00	\$1,750.00
56	570-1-2	PERFORMANCE TURF, SOD	SY	7289	\$2.19	\$15,962.91	\$15,962.91
57	580-1	LANDSCAPE, COMPLETE (TREE PROTECTION)	LS	1	\$1,365.00	\$1,365.00	\$1,365.00
58		Signing and Pavement Markings Base Bid					
59	700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	7	\$260.00	\$1,820.00	\$1,820.00
60	700-20-12	SINGLE POST SIGN, F&I, 12-20 SF	AS	2	\$450.00	\$900.00	\$900.00
	700-20-40	SINGLE POST SIGN (RELOCATE)	AS	27	\$65.75	\$1,775.25	\$1,775.25
61	700-20-60	SINGLE POST SIGN (REMOVE)	AS	2	\$1.05	\$2.10	\$2.10
62	700-48-18	SIGN PANELS, F&I, 15 OR <	EA	9	\$110.00	\$990.00	\$990.00
63	700-48-48	SIGN PANELS RELOCATE, 15 OR <	EA	22	\$51.00	\$1,122.00	\$1,122.00
64	700-48-58	SIGN PANELS REPLACE, 15 OR LESS	EA	16	\$99.50	\$1,592.00	\$1,592.00
65	700-48-60	SIGN PANELS, REMOVE	EA	2	\$14.85	\$29.70	\$29.70
66	705-10-2	OBJECT MARKER (TYPE 2)	EA	4	\$141.00	\$564.00	\$564.00
67	706-3	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (YELLOW)	EA	468	\$4.15	\$1,942.20	\$1,942.20
68	706-3	RETRO-REFLECTIVE PAVEMENT MARKER (MONO-DIRECTIONAL) (YELLOW)	EA	51	\$4.15	\$211.65	\$211.65
69	706-3	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (WHITE/RED)	EA	16	\$4.15	\$66.40	\$66.40

PAYMENT SUMMARY: **Corrected Totals**

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70	706-3	RETRO-REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL) (BLUE)	EA	7	\$4.15	\$29.05	\$29.05
71	711-11-111	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	3.833	\$5,530.00	\$21,196.49	\$21,196.49
72	711-11-112	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8"	NM	0.064	\$7,200.00	\$460.80	\$460.80
73	711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	1057	\$2.15	\$2,272.55	\$2,272.55
74	711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	35	\$4.00	\$140.00	\$140.00
75	711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	390	\$5.50	\$2,145.00	\$2,145.00
76	711-11-170	THERMOPLASTIC, STANDARD, WHITE, SOLID, ARROW	EA	5	\$81.60	\$408.00	\$408.00
77	711-11-211	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	1.941	\$5,530.00	\$10,733.73	\$10,733.73
78	711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	328	\$4.00	\$1,312.00	\$1,312.00
79	711-11-231	THERMOPLASTIC, STANDARD, YELLOW, 10-30 SKIP, 6"	GM	1.446	\$1,700.00	\$2,458.20	\$2,458.20
80	711-11-251	THERMOPLASTIC, STANDARD, YELLOW, GUIDELINE, 6"	LF	776	\$1.45	\$1,125.20	\$1,125.20
81		GRS-IBS Bridge Base Bid					
82	110-3A	REMOVAL OF EXISTING STRUCTURE	LS	1	\$15,663.07	\$15,663.07	\$15,663.07
83	110-3B	EXISTING PEDESTRIAN BRIDGE RELOCATION	LS	1	\$10,300.00	\$10,300.00	\$10,300.00
	120-72	GRAVEL FILL (SELECT BACKFILL)	CY	1450	\$45.00	\$65,250.00	\$65,250.00
84	400-2-4	CONC CLAS II (SUPERSTRUCTURE)	CY	30.2	\$710.00	\$21,442.00	\$21,442.00
85	400-2-10	CONC CLASS II (APPROACH SLABS)	CY	2.2	\$710.00	\$1,562.00	\$1,562.00
86	415-1-4	REINF STEEL (SUPERSTRUCTURE)	LB	5305	\$2.10	\$11,140.50	\$11,140.50
87	415-1-9	REINF STEEL (APPROACH SLABS)	LB	420	\$2.10	\$882.00	\$882.00
88	450-3-15	15 INCH PRESTRESSED SLAB UNITS (15" X 48")	LF	352	\$220.00	\$77,440.00	\$77,440.00

PAYMENT SUMMARY: **Corrected Totals**

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89	450-3-95	15 INCH PRESTRESSED SLAB UNITS (15" X 30.5")	LF	88	\$285.00	\$25,080.00	\$25,080.00
90	458-1-11	BRIDGE DECK EXPANSION JOINT, POURED JOINT	LF	23	\$23.00	\$529.00	\$529.00
91	521-5-1	CONCRETE TRAFFIC RAILING-BRIDGE (32" F-SHAPE)	LF	88	\$103.00	\$9,064.00	\$9,064.00
92	530-3-3	RIPRAP, RUBBLE, BANK AND SHORE	TN	340	\$100.00	\$34,000.00	\$34,000.00
93	530-74	BEDDING STONE	TN	170	\$68.00	\$11,560.00	\$11,560.00
94	549-2	GRS BRIDGE ABUTMENT	SF	2340	\$110.00	\$257,400.00	\$257,400.00
TOTAL(s)						\$2,680,679.73	\$2,680,679.73

CHANGE ORDER DETAILS & VALUES	
Revised Schedule of Values; reflected in the approved quantities above, resulting in deductive change order in the amount of CO#1 \$1,209,832.41 (original bid \$3,890,509.00 minus \$1,209,832.41 = \$2,680,676.59)	N/A
** Revised Schedule of Values; reflected in the approved quantities above, Should have resulted in deductive change order in the amount of \$1,209,829.27 (original bid \$3,890,509.00 minus \$1,209,829.27 = \$2,680,679.73). Resulting in an error of \$3.14	
TOTAL CHANGE ORDERS:	\$0.00