

CS-13-192

RECEIVED

CHANGE ORDER APPROVAL FORM

CONTRACT MANAGEMENT

2014 JUN 24 AM 11:51

PROJECT: Blackrock Road Corridor Improvements CHANGE ORDER NUMBER: 4
 DATE: 6-3-14
 CONTRACT NUMBER: CM2034
 TO CONTRACTOR: Petticoat-Schmitt Civil Contractors Inc.

Reason for Change Order: Additional drainage improvements at Maranatha Road and Opal Avenue. Construct turn lanes by traditional methods in lieu of FDR; CEI overtime charges for time worked in excess of 8.0 hours per day.

Original Contract Sum.....	\$	<u>3,890,509.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>(1,176,575.57)</u>
Contract Sum Prior to This Change Order.....	\$	<u>2,713,933.43</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>(9,923.71)</u>
New Contract Sum Including this Change Order.....	\$	<u>2,704,009.72</u>

The contract for substantial completion will be (increased) (decreased) (unchanged) by 0 days;
Substantial Completion: 07/29/14; Final Completion: 09/26/14

14 JUN 25 PM 3:50

RECEIVED
COUNTY MANAGER'S
OFFICE

APPROVED BY: [Signature] DATE: 6/23/14
 Scott Herring, Public Works Director

APPROVED BY: [Signature] DATE: 6/25/14
 Contract Management

APPROVED BY: [Signature] DATE: 6.27.14
5/6/14 Office of Management & Budget

APPROVED BY: [Signature] DATE: 6/27/14
 County Manager (BOCC designee)

2014 JUN 30 AM 11:32

RECEIVED
CONTRACT MANAGEMENT

ACCOUNT NO. 63470541-563100 BRR50

CHANGE ORDER REQUEST FORM

Blackrock Road Corridor Improvement Project

No. 4

PROJECT

DATE OF ISSUANCE: June 3, 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 9.10 CY of Regular Excavation; Add 60.0 LF of 18" Elliptical S/CD Pipe; Add 4.0 EA 18" Ellip. SD MES's; Add 55.0 SY of Performance Turf Sod, Delete 1,555.0 SY of Full Depth Reclamation (FDR), Delete 347.28 CY of Base Materials (Limerock or Crushed Concrete), Add 176.0 CY of Regular Excavation, Add 1,555.0 SY of Type B Stabilization, Add 1,555.0 SY of Optional Base Group 6 (8" Limerock - LBR 100), Add 528.0 LF of Saw-Cutting of Roadway, Add 1.0 LS Re-Mobilization Fee for Mixing of Stabilized Subgrade, Delete Cost of CEI Inspectors hours that exceeded 8.0 hours per work day and weekend work.

Reason for Change Order: Additional drainage improvements at Maranatha Rd. and Opal Avenue. Construct turn lanes by traditional methods in lieu of FDR, CEI overtime charges for time worked in excess of 8.0 hours per day.

Attachments: (List documents supporting change): E-mail Correspondence, Plan Revisions and ETM Cost Breakdown w/back up.

RECOMMENDED:

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

Date: 6/12/2014

APPROVED:

By: [Signature]
COUNTY (Authorized Signature)

Date: 6/27/14

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 6/13/14

Change Order No. 4 Cost Estimate (ETM)

Item No.		Description		Estimated Qty.	Units	Unit Price	Total Price
1	120-1	Regular Excavation	*	185.10	CY	\$ 7.15	\$ 1,323.47
2	430-175-218	Pipe Culvert, Opt. Matl., Ellip., 18" S/CD	*	60.00	LF	\$ 44.50	\$ 2,670.00
3	430-984-625	MES, ELLIP/ARCH, 18" SD	*	4.00	EA	\$ 1,145.00	\$ 4,580.00
4	520-1-2	Performance Turf Sod	*	55.00	SY	\$ 2.19	\$ 120.45
5	300-1	Full Depth Reclamation (Pulverization)	*	(1555.00)	SY	\$ 9.45	\$ (14,694.75)
6	300-4	Base Materials (Limerock or Crushed Concrete)	*	(347.28)	CY	\$ 83.00	\$ (28,824.24)
7	160-4	Type 'B' Stabilization	*	1555.00	SY	\$ 5.14	\$ 7,992.70
8	285-706	Optional Base Group 6 (8" Limerock - LBR 100)	*	1555.00	SY	\$ 13.40	\$ 20,837.00
9	-	Saw-Cutting of Roadway (Plan Station Limits)		528.00	LF	\$ 0.75	\$ 396.00
10	-	Re-Mobilization for Stabilization Mixing		1.00	LS	\$ 2,500.00	\$ 2,500.00
11	-	CEI Overtime Costs - (Constance Echols, Inspector) - between 3/24/14 and 5/31/14	**	(46.00)	Hours	\$ 92.48	\$ (4,254.08)
12	-	CEI Overtime Costs - (Jeremy Cronk, Senior Inspector) - between 5/14/14 and 5/31/14	**	(25.00)	Hours	\$ 102.81	\$ (2,570.25)
Total =							\$ (9,923.71)

* = Current Contract Unit Prices

** = CEI Invoice Price / Hour

By: 
 Carrie Smithheart
 Date: 6/2/14

Detailed Timesheet for the Period Ending 3/29/2014

Thursday, May 29, 2014

1:33:55 PM

ENGLAND, THIMS & MILLER, INC

Employee 15270 Echols, Constance L.

Signed

_____ Echols, Constance L.

Approved

_____ Williams, Buckley K.

Posted

Organization

Total Hr	Sun 3/23	Mon 3/24	Tue 3/25	Wed 3/26	Thu 3/27	Fri 3/28	Sat 3/29
12136.00000	Black Rock Road CEI Client: Nassau County						
Reg 40.00		11.00	9.00	9.00	8.00	3.00	
Ovt 3.50						3.50	

DAILY TOTALS

Total Hr	Sun 3/23	Mon 3/24	Tue 3/25	Wed 3/26	Thu 3/27	Fri 3/28	Sat 3/29
Reg 40.00		11.00	9.00	9.00	8.00	3.00	
Ovt 3.50						3.50	

Detailed Timesheet for the Period Ending 4/5/2014

Thursday, May 29, 2014
1:34:25 PM

ENGLAND, THIMS & MILLER, INC

Employee 15270 Echois, Constance L.

Signed _____
Echois, Constance L.

Approved _____
Williams, Buckley K.

Posted

Organization

		Total Hr	Sun 3/30	Mon 3/31	Tue 4/1	Wed 4/2	Thu 4/3	Fri 4/4	Sat 4/5
12136.00000	Black Rock Road CEI								
	Reg	40.00		8.00	8.00	8.00	8.00	8.00	
	Ovt	5.50		2.00	2.00	1.00	.50		
Client: Nassau County									
DAILY TOTALS									
	Reg	40.00		8.00	8.00	8.00	8.00	8.00	
	Ovt	5.50		2.00	2.00	1.00	.50		

Detailed Timesheet for the Period Ending 5/3/2014

Thursday, May 29, 2014

1:34:47 PM

ENGLAND, THIMS & MILLER, INC

Employee 15270 Echols, Constance L.

Signed

Echols, Constance L.

Approved

Williams, Buckley K.

Posted

Organization

12136.00000

Black Rock Road CEI

Client: Nassau County

Reg

Ovt

Total Hr	Sun 4/27	Mon 4/28	Tue 4/29	Wed 4/30	Thu 5/1	Fri 5/2	Sat 5/3
40.00		8.00	8.00	8.00	8.00	8.00	
1.00		1.00					

DAILY TOTALS

Reg

Ovt

Total Hr	Sun 4/27	Mon 4/28	Tue 4/29	Wed 4/30	Thu 5/1	Fri 5/2	Sat 5/3
40.00		8.00	8.00	8.00	8.00	8.00	
1.00		1.00					

Detailed Timesheet for the Period Ending 5/10/2014

Thursday May 29, 2014

1:35:06 PM

ENGLAND, THIMS & MILLER, INC

Employee 15270 Echols, Constance L.

Signed

_____ Echols, Constance L.

Approved

_____ Williams, Buckley K.

Posted

Organization

12136.00000

Black Rock Road CEI

Client: Nassau County

Reg

Ovt

Total Hr	Sun 5/4	Mon 5/5	Tue 5/6	Wed 5/7	Thu 5/8	Fri 5/9	Sat 5/10
40.00		8.00	8.00	8.00	8.00	8.00	
11.50		1.50	.50	1.00	.50		8.00

DAILY TOTALS

Reg

Ovt

Total Hr	Sun 5/4	Mon 5/5	Tue 5/6	Wed 5/7	Thu 5/8	Fri 5/9	Sat 5/10
40.00		8.00	8.00	8.00	8.00	8.00	
11.50		1.50 ✓	.50 ✓	1.00 ✓	.50 ✓		8.00 ✓

Detailed Timesheet for the Period Ending 5/17/2014

Thursday, May 29, 2014

1:35:29 PM

ENGLAND, THIMS & MILLER, INC.

Employee 15270 Echols, Constance L.

Signed _____
Echols, Constance L.

Approved _____
Williams, Buckley K.

Posted

Organization

Total Hr	Sun 5/11	Mon 5/12	Tue 5/13	Wed 5/14	Thu 5/15	Fri 5/16	Sat 5/17
12136.00000	Black Rock Road CEI Client: Nassau County						
Reg 40.00		8.00	8.00	8.00	8.00	8.00	
Ovt 12.50		3.50	1.00				8.00

DAILY TOTALS

Total Hr	Sun 5/11	Mon 5/12	Tue 5/13	Wed 5/14	Thu 5/15	Fri 5/16	Sat 5/17
Reg 40.00		8.00	8.00	8.00	8.00	8.00	
Ovt 12.50		3.50	1.00				8.00

Detailed Timesheet for the Period Ending 5/24/2014

Thursday, May 29, 2014
1:35:49 PM

ENGLAND, THIMS & MILLER, INC

Employee 15270 Echols, Constance L.

Signed _____
Echols, Constance L.

Approved _____
Williams, Buckley K.

POSTEL

Organization

		Total Hr	Sun 5/18	Mon 5/19	Tue 5/20	Wed 5/21	Thu 5/22	Fri 5/23	Sat 5/24
12136.00000	Black Rock Road CEI								
									Client: Nassau County
	Reg	40.00		8.00	8.00	8.00	8.00	8.00	
	Ovt	9.00		1.00	1.50			.50	6.00
DAILY TOTALS									
	Reg	40.00		8.00	8.00	8.00	8.00	8.00	
	Ovt	9.00		1.00	✓ 1.50	✓		.50	✓ 6.00

Detailed Timesheet for the Period Ending 5/31/2014

Sunday, June 01, 2014

5:02:56 PM

ENGLAND, THIMS & MILLER, INC.

Employee 15270 Echols, Constance L.

Signed _____
Echols, Constance L.

Approved _____

Submitted

Organization

	Total Hr	Sun 5/25	Mon 5/26	Tue 5/27	Wed 5/28	Thu 5/29	Fri 5/30	Sat 5/31
00004.00000								
Holiday								
Reg	8.00		8.00					

	Total Hr	Sun 5/25	Mon 5/26	Tue 5/27	Wed 5/28	Thu 5/29	Fri 5/30	Sat 5/31
12136.00000								
Black Rock Road CEI								
Reg	32.00			8.00	8.00	8.00	8.00	
Ovt	3.00			2.00		1.00		

Client: Nassau County

DAILY TOTALS

	Total Hr	Sun 5/25	Mon 5/26	Tue 5/27	Wed 5/28	Thu 5/29	Fri 5/30	Sat 5/31
Reg	40.00		8.00	8.00	8.00	8.00	8.00	
Ovt	3.00			2.00		1.00		

Detailed Timesheet for the Period Ending 5/17/2014

Thursday, May 29, 2014

1:35:13 PM

ENGLAND, THIMS & MILLER, INC.

Employee 13810 Cronk, Jeremy J.

Signed

Cronk, Jeremy J.

Approved

Ponder, Kent A.

Hosted

Organization

12136.00000

Black Rock Road CEI

Client: Nassau County

Reg

40.00

Ovt

4.50

Total Hr	Sun 5/11	Mon 5/12	Tue 5/13	Wed 5/14	Thu 5/15	Fri 5/16	Sat 5/17
		8.00	8.00	8.00	8.00	8.00	
				2.50		2.00	

DAILY TOTALS

Reg

40.00

Ovt

4.50

Total Hr	Sun 5/11	Mon 5/12	Tue 5/13	Wed 5/14	Thu 5/15	Fri 5/16	Sat 5/17
		8.00	8.00	8.00	8.00	8.00	
				2.50	✓	2.00	✓

Detailed Timesheet for the Period Ending 5/24/2014

Thursday, May 29, 2014

1:36:32 PM

ENGLAND, THIMS & MILLER, INC

Employee 13810 Cronk, Jeremy J.

Signed

Cronk, Jeremy J.

Approved

Williams, Buckley K.

Organization

12136.00000

Black Rock Road CEI

Client: Nassau County

Reg

Ovt

Total Hr	Sun 5/18	Mon 5/19	Tue 5/20	Wed 5/21	Thu 5/22	Fri 5/23	Sat 5/24
40.00		8.00	8.00	8.00	8.00	8.00	
11.50	6.00	1.00	.50	2.00	2.00		

DAILY TOTALS

Reg

Ovt

Total Hr	Sun 5/18	Mon 5/19	Tue 5/20	Wed 5/21	Thu 5/22	Fri 5/23	Sat 5/24
40.00		8.00	8.00	8.00	8.00	8.00	
11.50	6.00	1.00	.50	2.00	2.00		

Carrie Smithheart

From: Carrie Smithheart
Sent: Thursday, May 29, 2014 12:51 PM
To: 'Clyde Cross'
Cc: 'Jonathan Page'; Kent Ponder; 'Dow Peters'
Subject: Blackrock - Turn Lanes

Importance: High

Clyde,

I broke it down using the 1,555 SY provided by the EOR. Below are my figures:

FDR Option

- FDR → (1,555 SY) @ \$9.45 = (\$14,694.75)
 - Cement Treated Base → (11.69 Tons) @ \$162.00 = (\$ 1,893.78)
 - Emulsion → (4,976 Gal) @ \$2.70 = (\$13,435.20)
 - Base Materials → (347.28 CY) @ \$83.00 = (\$28,824.24)
- Estimated Total = (\$58,847.97)

Traditional Option

- Additional Regular Excavation → 176 CY @ \$7.15 = \$ 1,258.40
 - Saw cutting → 500 LF @ \$1.00 = \$ 500.00
 - 12" Stabilization → 1,555 SY @ \$5.14 = \$ 7,992.70
 - Up-charge to Mob Mixing Machine in for Small Amount → 1 LS = \$ 2,500.00
 - 8" LR Base → 1,555 SY @ \$13.40 = \$20,837.00
- Estimated Total = \$33,088.10

TOTAL ESTIMATED SAVINGS = \$25,759.87

The following items will be included in the next change order:

- FDR → (1,555 SY) @ \$9.45 = (\$14,694.75)
 - Base Materials → (347.28 CY) @ \$83.00 = (\$28,824.24)
 - Additional Regular Excavation → 176 CY @ \$7.15 = \$ 1,258.40
 - Saw cutting → 500 LF @ \$1.00 = \$ 500.00
 - 12" Stabilization → 1,555 SY @ \$5.14 = \$ 7,992.70
 - Up-charge to Mob Mixing Machine in for Small Amount → 1 LS @ \$2,500.00 = \$ 2,500.00
 - 8" LR Base → 1,555 SY @ \$13.40 = \$20,837.00
- CO Addition = (\$10,430.89)**

The remaining items below are field measured items and will be paid for as measured in the field during construction operations:

- Cement Treated Base → (11.69 Tons) @ \$162.00 = (\$ 1,893.78) Amount is approximate only
- Emulsion → (4,976 Gal) @ \$2.70 = (\$13,435.20) Amount is approximate only

Please let this e-mail serve as approval to construct the new turn lanes by conventional methods.

If you have any questions please give me a call.

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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From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Wednesday, May 28, 2014 12:39 PM
To: 'Dow Peters'; Kent Ponder; Carrie Smithheart
Cc: Robert Griner; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Dow, the cost scenario based on the 1,600 SY you figured is as follows:

FDR Option

- FDR – 1,600 SY @ \$9.45 = \$15,120.00
- Cement Treated Base – 12 Tons @ \$162.00 = \$1,944.00
- Emulsion – 4,160 Gal @ \$2.70 = \$11,232.00
- Base Materials – 357.33 CY @ \$83.00 = \$29,658.39

FDR Total - \$57,954.39

Traditional Option

- Additional Regular Excavation – 176 CY @ \$7.15 = \$1,258.40
- 12" Stabilization – 1,600 SY @ \$5.14 = \$8,224.00
- Upcharge to Mob Mixing Machine in for Small Amount – LS \$2,500.00
- 8" LR Base – 1,600 SY @ \$13.40 = \$21,440.00

Traditional Total - \$33,422.40

Based on my numbers building the turn lanes via traditional appears to be cheaper.

Clyde Cross

Vice President



6380 Phillips Highway * Jacksonville, FL 32216

(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418

www.petticoatschmitt.com

Carrie Smithheart

From: Jonathan Page [jpage@nassaucountyfl.com]
Sent: Wednesday, May 28, 2014 3:25 PM
To: Carrie Smithheart; Dow Peters
Cc: Kent Ponder
Subject: RE: Blackrock - Turn Lanes

Sounds like a plan to me.

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Wednesday, May 28, 2014 2:07 PM
To: Dow Peters; Jonathan Page
Cc: Kent Ponder
Subject: RE: Blackrock - Turn Lanes

Dow,

It would be executed through a change order. I have one in process right now that I can add it to. Either way the County will realize the savings as it relates to this issue.

Is everyone in agreement to move forward with this? If so, I'll get it going.

Carrie Smithheart

Project Administrator



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

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From: Dow Peters [mailto:dpeters@petersandyaffee.com]
Sent: Wednesday, May 28, 2014 1:36 PM
To: Carrie Smithheart; Jonathan Page
Cc: Kent Ponder
Subject: RE: Blackrock - Turn Lanes

Carrie,

Thanks for confirming the cost that Clyde put together. Looks like we can certainly have an opportunity for a win-win here. Just curious, is there a way for PCS to commit to the change so the County can realized the savings? Or will it just be handle with a negative change order? On a different note, I still have not heard back from Randy Stormant with Bechtol to confirm the FDR Mix Design. I will try him again today.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.
10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256
904.265.0751(Office)
904.735.6486(Cell)
<http://www.petersandyaffee.com>



From: Carrie Smithheart [<mailto:SmithheartC@etminc.com>]
Sent: Wednesday, May 28, 2014 12:47 PM
To: Dow Peters; Jonathan Page
Cc: Kent Ponder
Subject: FW: Blackrock - Turn Lanes

To all,

I actually just finished with my break down. Although I used the 1,555 SY number, Clyde's below assessment as to cost appears to be very close.

The only thing we need to remember is that the Cement Treated Base, Emulsion & Base Materials are measured items. We would pay for what they actually place.

Carrie Smithheart
Project Administrator



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

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From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Wednesday, May 28, 2014 12:39 PM
To: 'Dow Peters'; Kent Ponder; Carrie Smithheart
Cc: Robert Griner; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Dow, the cost scenario based on the 1,600 SY you figured is as follows:

FDR Option

- FDR – 1,600 SY @ \$9.45 = \$15,120.00
- Cement Treated Base – 12 Tons @ \$162.00 = \$1,944.00
- Emulsion – 4,160 Gal @ \$2.70 = \$11,232.00
- Base Materials – 357.33 CY @ \$83.00 = \$29,658.39

FDR Total - \$57,954.39

Traditional Option

- Additional Regular Excavation – 176 CY @ \$7.15 = \$1,258.40
- 12" Stabilization – 1,600 SY @ \$5.14 = \$8,224.00
- Upcharge to Mob Mixing Machine in for Small Amount – LS \$2,500.00
- 8" LR Base – 1,600 SY @ \$13.40 = \$21,440.00

Traditional Total - \$33,422.40

Based on my numbers building the turn lanes via traditional appears to be cheaper.

Clyde Cross
Vice President


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

From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Wednesday, May 28, 2014 9:55 AM
To: Clyde Cross; 'Kent Ponder'; 'SmithheartC@etminc.com' (SmithheartC@etminc.com)
Cc: Robert Griner; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Clyde,
Good morning, as a point of clarification I would like add to your comments below. Typical Section Sheets 4 and 7 only refer to the "typical roadway configuration" and do not represent the proposed FDR Widening. There is a note in the plans that refer the reader to the FDR Specifications that speak to the FDR Widening. FDR widening has always been a part of the construction plan set. The mix design submitted by your subcontractor was rejected due to inconsistencies and we are awaiting a new FDR mix design so we can move forward with an appropriate pavement widening. I have expressed my concerns to the County and the CEI about absorbing any additional cost for pavement widening that was not in the original bid. Let me know if you any questions, I will be happy to add discussions to move the project along. Thanks.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.

10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256
904.265.0751(Office)
904.735.6486(Cell)
<http://www.petersandyaffee.com>



From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Wednesday, May 28, 2014 9:30 AM
To: 'Kent Ponder'; 'SmithheartC@etminc.com' (SmithheartC@etminc.com)
Cc: Robert Griner; Dow Peters; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Kent,

Sorry for the delay in getting back to you on this but I do want to clarify that the plans do not show the turn lanes being constructed with FDR. Please look at the typical sections on sheets 4 and 7 which shows the FDR for only 24' wide. I did clear this up with Carrie early on in the Project that the actual pay width of the FDR is 25' wide instead of the 24' wide.

My FDR sub tells me that the mix design submitted will not work for the turn lanes.

Clyde Cross
Vice President



From: Kent Ponder [<mailto:PonderK@etminc.com>]
Sent: Friday, May 23, 2014 10:36 AM
To: Clyde Cross
Cc: Robert Griner; Peters Dow; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Clyde,

If you recall the FDR mix design in the plans was not elected to be used by your sub (APS) and they turned in a FDR mix design that was rejected. Subsequently, cores of the existing asphalt were pulled in order for them to develop and submit for approval a new mix design. We are waiting on that design so the EOR can review it to determine if the Structural numbers will adequately match existing and then we can determine if would be acceptable to place FDR in the turn lane widening areas as was called out in the plans or if an alternate pavement design is needed. Once the EOR receives the information back for your subs, then we can determine how to proceed from there. We expect that a solution can be decided upon next week once all the data is compared. We understand your desire to move forward and we will do our best to help expedite it.

Thanks,

PS – Per your other email the FDR is scheduled for the end of the project. The revision two mentioned below was the baseline...Have you not updated and submitted the CPM on a monthly basis?

Kent A. Ponder, P.E.

Sr. Project Engineer



Direct: 904-265-3151
Cell: 904-497-8891
Fax: 904-646-9485
Email: PonderK@etminc.com

14775 Old Saint Augustine Road, Jacksonville, Florida, 32258

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

From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]

Sent: Friday, May 23, 2014 9:44 AM

To: Kent Ponder

Cc: Robert Griner; Peters Dow; Page Jonathan; Jeremy Cronk; Constance Echols

Subject: RE: Blackrock - Turn Lanes

Schedule Revision #2 shows the turn lane work starting on 5/12/14. We are ready to be doing it now and need an answer as to how it will be built. We have been trying to get this answered for several weeks now.

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: Kent Ponder [<mailto:PonderK@etminc.com>]

Sent: Friday, May 23, 2014 7:51 AM

To: Clyde Cross

Cc: Robert Griner; Peters Dow; Page Jonathan; Jeremy Cronk; Constance Echols

Subject: Re: Blackrock - Turn Lanes

Sorry Clyde, I forgot to ask what monthly CPM update that you turned into Carrie are you looking at. I will need to go through her stuff since she is out and I want to make sure we are on the same page.

Thanks

Kent A. Ponder, P.E.
Sr. Project Engineer

England-Thims & Miller, Inc.
14775 Old St. Augustine Road
Jacksonville, FL 32258

Direct: 904-265-3151
Fax: 904-646-9485
Cell: 904-497-8891
Email: PonderK@etminc.com<mailto:PonderK@etminc.com>

Sent from my iPhone

On May 23, 2014, at 7:45 AM, "Kent Ponder" <PonderK@etminc.com<mailto:PonderK@etminc.com>> wrote:

Good Morning Clyde,

I don't have it in front of me...when does your schedule indicate you guys doing:

- 1) the turn lane?
- 2) the FDR?

Kent A. Ponder, P.E.
Sr. Project Engineer

England-Thims & Miller, Inc.
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Jacksonville, FL 32258

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Cell: 904-497-8891
Email: PonderK@etminc.com<mailto:PonderK@etminc.com>

Sent from my iPhone

On May 23, 2014, at 7:38 AM, "Clyde Cross" <ccross@petticoatschmitt.com<mailto:ccross@petticoatschmitt.com>> wrote:

Kent,

There has been much discussion on how to build the turn lane widening (FDR or Stab & LR). Carrie told me she thought it was going to be stab & limerock. WE are needing to do this work now. Please advise which way to go so the project will not be delayed.

Thanks

Clyde Cross
Vice President

<image001.jpg>
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(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418
www.petticoatschmitt.com<http://www.petticoatschmitt.com>

Carrie Smithheart

From: Clyde Cross [ccross@petticoatschmitt.com]
Sent: Wednesday, May 28, 2014 1:09 PM
To: 'Dow Peters'; Kent Ponder; Carrie Smithheart
Cc: Robert Griner; 'Page Jonathan'; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

I need to add some sawcutting in to the traditional but that wont be much, probably around \$0.75/LF.

[Clyde Cross](#)

Vice President



6380 Phillips Highway * Jacksonville, FL 32216

(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418

www.petticoatschmitt.com

From: Clyde Cross
Sent: Wednesday, May 28, 2014 12:39 PM
To: 'Dow Peters'; 'Kent Ponder'; 'SmithheartC@etminc.com' (SmithheartC@etminc.com)
Cc: Robert Griner; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Dow, the cost scenario based on the 1,600 SY you figured is as follows:

FDR Option

- FDR – 1,600 SY @ \$9.45 = \$15,120.00
- Cement Treated Base – 12 Tons @ \$162.00 = \$1,944.00
- Emulsion – 4,160 Gal @ \$2.70 = \$11,232.00
- Base Materials – 357.33 CY @ \$83.00 = \$29,658.39

FDR Total - \$57,954.39

Traditional Option

- Additional Regular Excavation – 176 CY @ \$7.15 = \$1,258.40
- 12" Stabilization – 1,600 SY @ \$5.14 = \$8,224.00
- Upcharge to Mob Mixing Machine in for Small Amount – LS \$2,500.00
- 8" LR Base – 1,600 SY @ \$13.40 = \$21,440.00

Traditional Total - \$33,422.40

Based on my numbers building the turn lanes via traditional appears to be cheaper.

[Clyde Cross](#)

Vice President



6380 Phillips Highway * Jacksonville, FL 32216

(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418

www.petticoatschmitt.com

From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Wednesday, May 28, 2014 9:55 AM
To: Clyde Cross; 'Kent Ponder'; 'SmithheartC@etminc.com' (SmithheartC@etminc.com)
Cc: Robert Griner; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Clyde,

Good morning, as a point of clarification I would like add to your comments below. Typical Section Sheets 4 and 7 only refer to the "typical roadway configuration" and do not represent the proposed FDR Widening. There is a note in the plans that refer the reader to the FDR Specifications that speak to the FDR Widening. FDR widening has always been a part of the construction plan set. The mix design submitted by your subcontractor was rejected due to inconsistencies and we are awaiting a new FDR mix design so we can move forward with an appropriate pavement widening. I have expressed my concerns to the County and the CEI about absorbing any additional cost for pavement widening that was not in the original bid. Let me know if you any questions, I will be happy to add discussions to move the project along. Thanks.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.
10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256
904.265.0751(Office)
904.735.6486(Cell)
<http://www.petersandyaffee.com>



From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Wednesday, May 28, 2014 9:30 AM
To: 'Kent Ponder'; 'SmithheartC@etminc.com' (SmithheartC@etminc.com)
Cc: Robert Griner; Dow Peters; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Kent,

Sorry for the delay in getting back to you on this but I do want to clarify that the plans do not show the turn lanes being constructed with FDR. Please look at the typical sections on sheets 4 and 7 which shows the FDR for only 24' wide. I did clear this up with Carrie early on in the Project that the actual pay width of the FDR is 25' wide instead of the 24' wide.

My FDR sub tells me that the mix design submitted will not work for the turn lanes.

Clyde Cross
Vice President


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(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418
www.petticoatschmitt.com

From: Kent Ponder [<mailto:PonderK@etminc.com>]
Sent: Friday, May 23, 2014 10:36 AM
To: Clyde Cross
Cc: Robert Griner; Peters Dow; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Clyde,

If you recall the FDR mix design in the plans was not elected to be used by your sub (APS) and they turned in a FDR mix design that was rejected. Subsequently, cores of the existing asphalt were pulled in order for them to develop and submit for approval a new mix design. We are waiting on that design so the EOR can review it to determine if the Structural numbers will adequately match existing and then we can determine if would be acceptable to place FDR in the turn lane widening areas as was called out in the plans or if an alternate pavement design is needed. Once the EOR receives the information back for your subs, then we can determine how to proceed from there. We expect that a solution can be decided upon next week once all the data is compared. We understand your desire to move forward and we will do our best to help expedite it.

Thanks,

PS – Per your other email the FDR is scheduled for the end of the project. The revision two mentioned below was the baseline...Have you not updated and submitted the CPM on a monthly basis?

Kent A. Ponder, P.E.

Sr. Project Engineer



England, Thims & Miller, Inc.

VISION • EXPERIENCE • RESULTS

Direct: 904-265-3151
Cell: 904-497-8891
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Email: PonderK@etminc.com

14775 Old Saint Augustine Road, Jacksonville, Florida, 32258

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

From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Friday, May 23, 2014 9:44 AM
To: Kent Ponder
Cc: Robert Griner; Peters Dow; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: RE: Blackrock - Turn Lanes

Schedule Revision #2 shows the turn lane work starting on 5/12/14. We are ready to be doing it now and need an answer as to how it will be built. We have been trying to get this answered for several weeks now.

Clyde Cross
Vice President

6380 Philips Highway * Jacksonville, FL 32216

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

From: Kent Ponder [mailto:PonderK@etminc.com]
Sent: Friday, May 23, 2014 7:51 AM
To: Clyde Cross
Cc: Robert Griner; Peters Dow; Page Jonathan; Jeremy Cronk; Constance Echols
Subject: Re: Blackrock - Turn Lanes

Sorry Clyde, I forgot to ask what monthly CPM update that you turned into Carrie are you looking at. I will need to go through her stuff since she is out and I want to make sure we are on the same page.

Thanks

Kent A. Ponder, P.E.
Sr. Project Engineer

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Sent from my iPhone

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Good Morning Clyde,

I don't have it in front of me...when does your schedule indicate you guys doing:

- 1) the turn lane?
- 2) the FDR?

Kent A. Ponder, P.E.
Sr. Project Engineer

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Email: PonderK@etminc.com<mailto:PonderK@etminc.com>

Sent from my iPhone

On May 23, 2014, at 7:38 AM, "Clyde Cross"
<ccross@petticoatschmitt.com<mailto:ccross@petticoatschmitt.com>> wrote:

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Thanks

Clyde Cross
Vice President

<image001.jpg>

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www.petticoatschmitt.com<<http://www.petticoatschmitt.com>>

Carrie Smithheart

From: Carrie Smithheart
Sent: Friday, April 11, 2014 12:42 PM
To: Clyde Cross
Cc: Sharon Carlson; Robert Griner; Kent Ponder; Constance Echols; Jeremy Cronk; Jonathan Page; Carrie Smithheart
Subject: RE: Blackrock Road - CO No. 4 - Plan Revision No. 3 (Maranatha Rd. Pipe Crossing)

Clyde,

In addition to the 18.0 LF of 18" Elliptical S/CD pipe and 2.0 ea. 18" Elliptical SD MES's, the following items will be overrun at the current contract until such time they can be included in the next contract change order.

- 570-1-2 Performance Turf, Sod (55 SY)
- 120-1 Regular Excavation (9.1 CY)

If you have any questions please give me a call.

Carrie Smithheart

Project Administrator



England, Thims & Miller, Inc.

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

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From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Friday, April 11, 2014 9:53 AM
To: Carrie Smithheart
Cc: Kent Ponder; Jonathan Page
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Carrie,

Good morning, the additional quantities are as follows:

- 570-1-2 Performance Turf, Sod (55 SY)
- 120-1 Regular Excavation (9.1 CY)

Thanks, let me know if you have any additional questions.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.
10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256
904.265.0751(Office)
904.735.6486(Cell)
<http://www.petersandyaffee.com>



From: Carrie Smithheart
Sent: Wednesday, April 09, 2014 9:23 AM
To: Clyde Cross
Cc: 'Sharon Carlson'; Robert Griner; Kent Ponder; Constance Echols; Jeremy Cronk; Jonathan Page
Subject: Blackrock Road - Plan Revision No. 3 (Maranatha Rd. Pipe Crossing)

Clyde,

Please find attached Plan Revision No. 3 for the above referenced project. Please delete all corresponding plan sheets and replace with the attached. This revision is being issued due to future drainage concerns along Maranatha Road.

Per the revisions, we will need to install a pipe crossing on Maranatha Rd. with MES's and grade for a swell ditch on the east side of Blackrock Rd. At this time we will over run the current contract quantities for 18" Elliptical S/CD pipe by 18.0 LF and 18" Elliptical SD MES by 2.0 ea. All necessary quantity additions will be included in the next contract change order.

If you have any questions please give me a call.

Carrie Smithheart

Project Administrator



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

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From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Tuesday, April 08, 2014 1:51 PM
To: Carrie Smithheart
Cc: Kent Ponder; Jonathan Page
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Carrie,

Attached is the plan revisions for the drainage issue in question at Maranatha Road. Let me know if you have any questions or comments about the swallow swale that we are proposing for the northeast quadrant at Maranatha Road. We provided details for the ditch while maintaining the cover of the proposed pipe from S-19 to S-25. Thanks.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.
10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256
904.265.0751(Office)
904.735.6486(Cell)
<http://www.petersandyaffee.com>



Carrie Smithheart

From: Carrie Smithheart
Sent: Monday, April 07, 2014 12:23 PM
To: Jonathan Page; 'Dow Peters'
Cc: Kent Ponder
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)
Attachments: SKMBT_C284e14040712110.pdf

Importance: High

Jonathan / Dow,

Please see the attached survey information for Maranatha Rd. These are rod shots and not actual elevations, however you can see that there is definitely some grading issues with the existing ditches. The existing profile of Maranatha Rd. rises dramatically east of our last survey shots. Based on this, it appears that both of the ditches and the roadway should fall to the west, back towards Blackrock Rd. At this time, water appears to collect (pool) at between 60' – 100' east of Blackrock Rd. along Maranatha. The existing ditches have build up within them and need to be re-graded.

Dow, Please provide a solution to address this situation.

Thank you,

Carrie Smithheart

Project Administrator



England-Thims & Miller, Inc.

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

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From: Dow Peters [mailto:dpeters@petersandyaffee.com]
Sent: Friday, April 04, 2014 1:36 PM
To: Carrie Smithheart; Jonathan Page
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Jonathan/Carrie:

We are currently reviewing the drainage design and survey that we have for the area in question. We will review and report back. Thanks.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.
10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256



From: Carrie Smithheart [<mailto:SmithheartC@etminc.com>]
Sent: Friday, April 04, 2014 1:17 PM
To: Jonathan Page; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

We will do that.

I'll let you know what we find.

Carrie Smithheart

Project Administrator



England-Thims & Miller, Inc.
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Direct: 904-265-3170
Cell: 904-509-9007
Fax: 904-646-9485
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From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Friday, April 04, 2014 1:10 PM
To: Carrie Smithheart; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Thanks! Stupid question... If the northside and southside are both flowing east why would the MES be on the southside? It seem like you would need one on both sides or none at all? I tend to doubt that one side flows east and the other flows west, but check it out please!

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Friday, April 4, 2014 1:03 PM

To: Jonathan Page; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Jonathan → Please see attached plan sheet 49 showing the existing profile of Maranatha Rd. It falls back to the east. We will be creating a swell at the tie-in point with Blackrock Rd. This will keep the Blackrock Rd. runoff off of Maranatha. Unless the existing ditch flows backwards from the roadway profile grades, which I do not know at this point, Maranatha Rd. runoff should be flowing to the east. We can shoot the ditch line on Monday to verify.

Dow → Do you have any additional survey points down Maranatha other than the information we have shown in the plans?

Carrie Smithheart

Project Administrator



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

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From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Friday, April 04, 2014 12:39 PM
To: Carrie Smithheart; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Where does the water from the northside ditch go? To me it appears to be getting blocked by the new pipe. It would seem we left off a MES and box on the north side? Maybe I'm wrong but at this point I tend to agree with the citizen. Unless the northside somehow drains to the east which it does not appear to...

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Friday, April 4, 2014 12:04 PM
To: Jonathan Page; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Jonathan,

Based on the plans, see plan sheets 33 & 34 (attached), the SE corner of Maranatha Rd. will drain into a new MES (S-20) then down to structure S-19, to S-25, across Blackrock Road and pop off into the drainage easement at MES S-24. This should enhance the current drainage condition.

Carrie Smithheart

Project Administrator



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

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From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Friday, April 04, 2014 11:41 AM
To: Carrie Smithheart; Dow Peters
Cc: Jonathan Page; Scott Herring; Shelley Caldwell
Subject: Citizen Call

Mr Michael Silva (904) 548-8132 called today and is concerned that the drainage from Mirantha Road is going to be adversely affected by the new system being installed at this moment. Will you please review the plans and let me know if he is correct and we need to do something or if your confident with the design as it is?

Thanks,

Jonathan

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

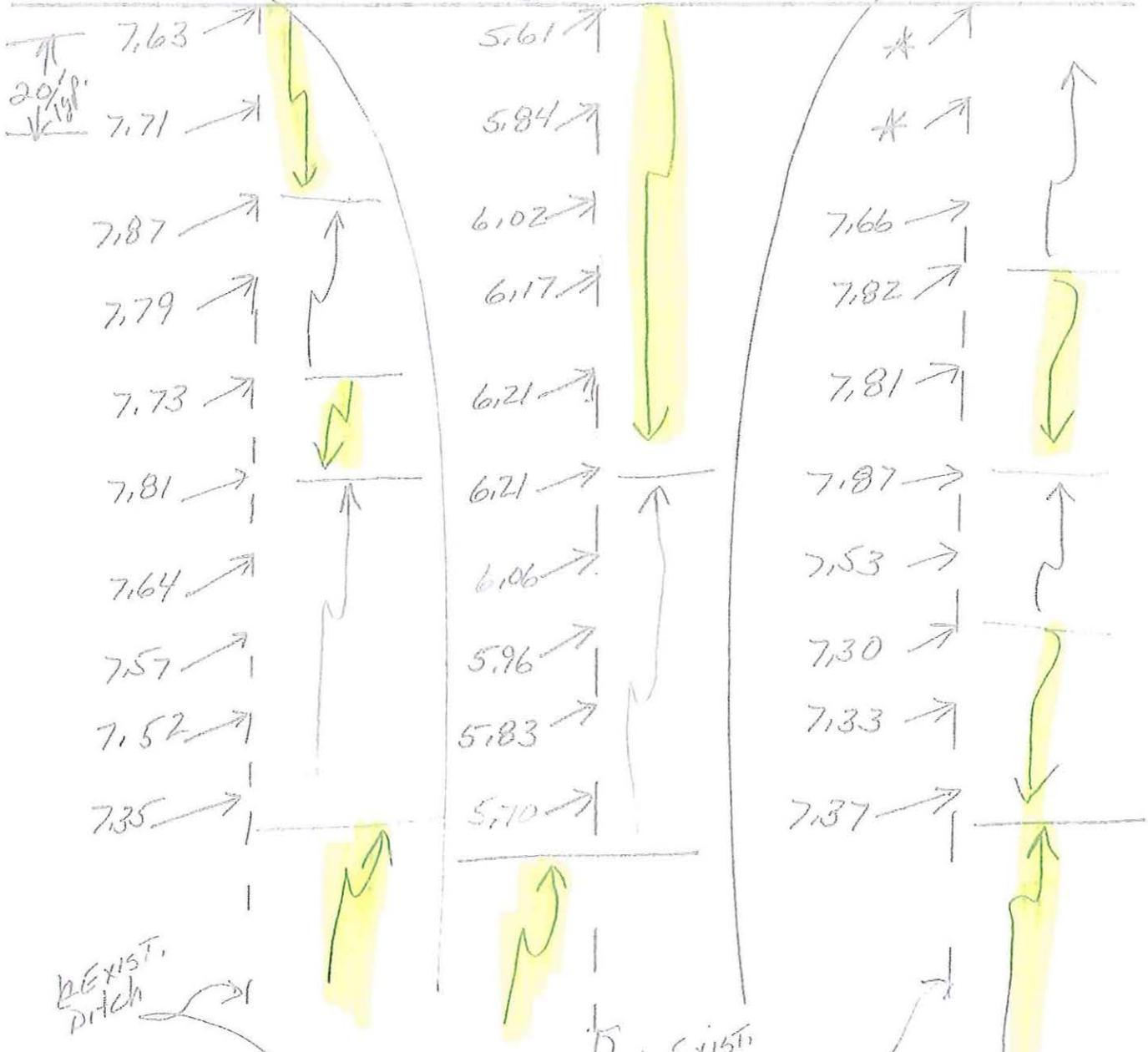


EXISTING GROUND SURVEY SHOTS (NOTE: NOT ELEVATIONS)

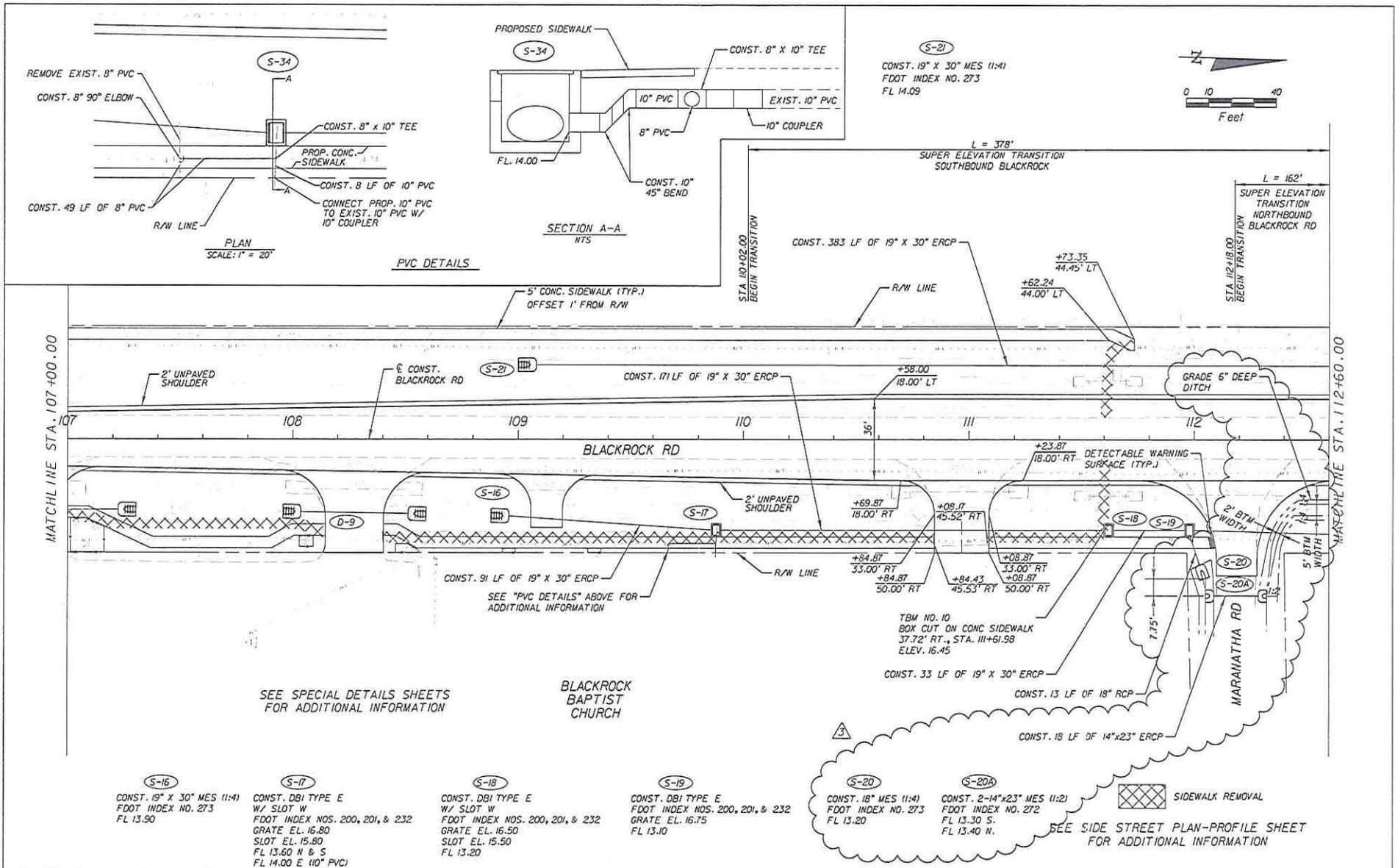
SHOTS TAKEN @ 20' APART

→ N

New Pipe Run



NOT TO SCALE



REVISIONS	
DATE	DESCRIPTION
04-05-2004	ADDED CROSS DRAIN UNDER MARIATHA RD; ADDED DITCH GRADING ON N. SIDE OF MARIATHA RD; UPDATED F.L. OF S-20

peters yaffee
 TRANSPORTATION & TRAFFIC ENGINEERING
 30199 SOUTHSHORE BLVD, SUITE 110
 JACKSONVILLE, FL 32254
 CERTIFICATE OF AUTHORIZATION 28258
 BOW W. PETERS III, P.E., 45566



NASSAU COUNTY ENGINEERING
NASSAU COUNTY FLORIDA
 CONSTRUCTION PLANS FOR:
BLACKROCK RD

PLAN SHEET

SHEET NO.	33
-----------	----

Carrie Smithheart

From: Carrie Smithheart
Sent: Friday, May 02, 2014 10:57 AM
To: 'Clyde Cross'
Cc: Kent Ponder; Constance Echols; 'Jonathan Page'
Subject: Blackrock Road - Additional Pipe Crossing at Opal Avenue
Attachments: Opal Pipe Run Plan.pdf

Clyde,

Per Nassau County's request we need to add a pipe crossing at Opal Avenue. Attached are the marked up plan sheets providing all information necessary for the installation.

We will overrun the following existing Pay Items until such time we execute the next contract change order:

430-175-218 (Pipe Culvert Opt. Material, Ellip., 18" S/CD) → 42.0 LF @ \$44.50/LF = \$1,860.00	
430-984-625 (MES, Ellip., 18" SD) → 2.0 EA @ \$1,145.00	= <u>\$2,290.00</u>
	Total = <u>\$4,150.00</u>

If you have any questions please give me a call.

Carrie Smithheart

Project Administrator



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: Friday, May 02, 2014 10:57 AM
To: 'Clyde Cross'
Cc: Kent Ponder; Constance Echols; 'Jonathan Page'
Subject: Blackrock Road - Additional Pipe Crossing at Opal Avenue
Attachments: Opal Pipe Run Plan.pdf

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Total = \$4,150.00

If you have any questions please give me a call.

Carrie Smithheart

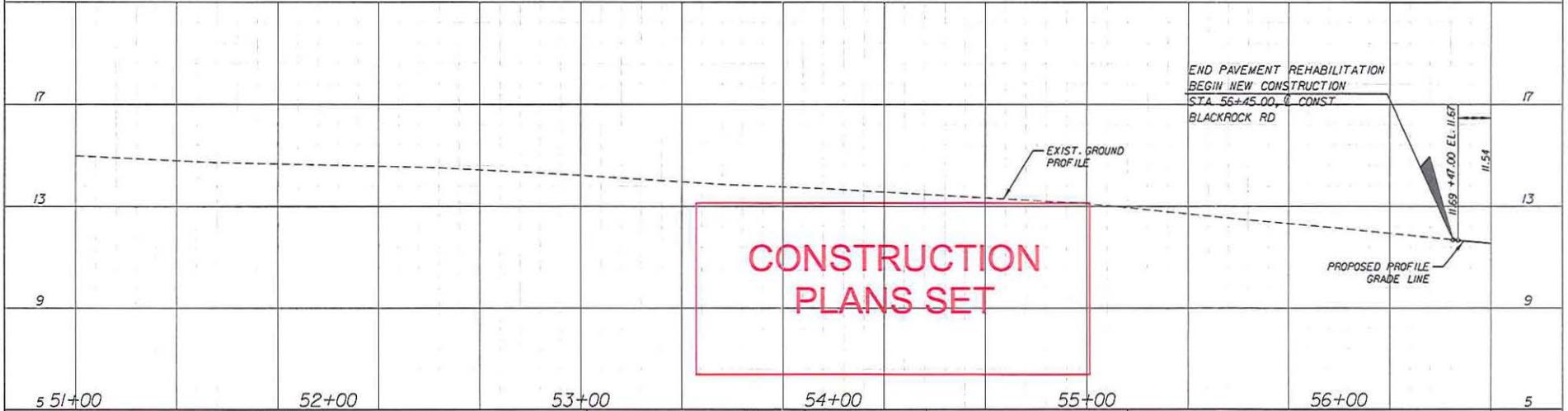
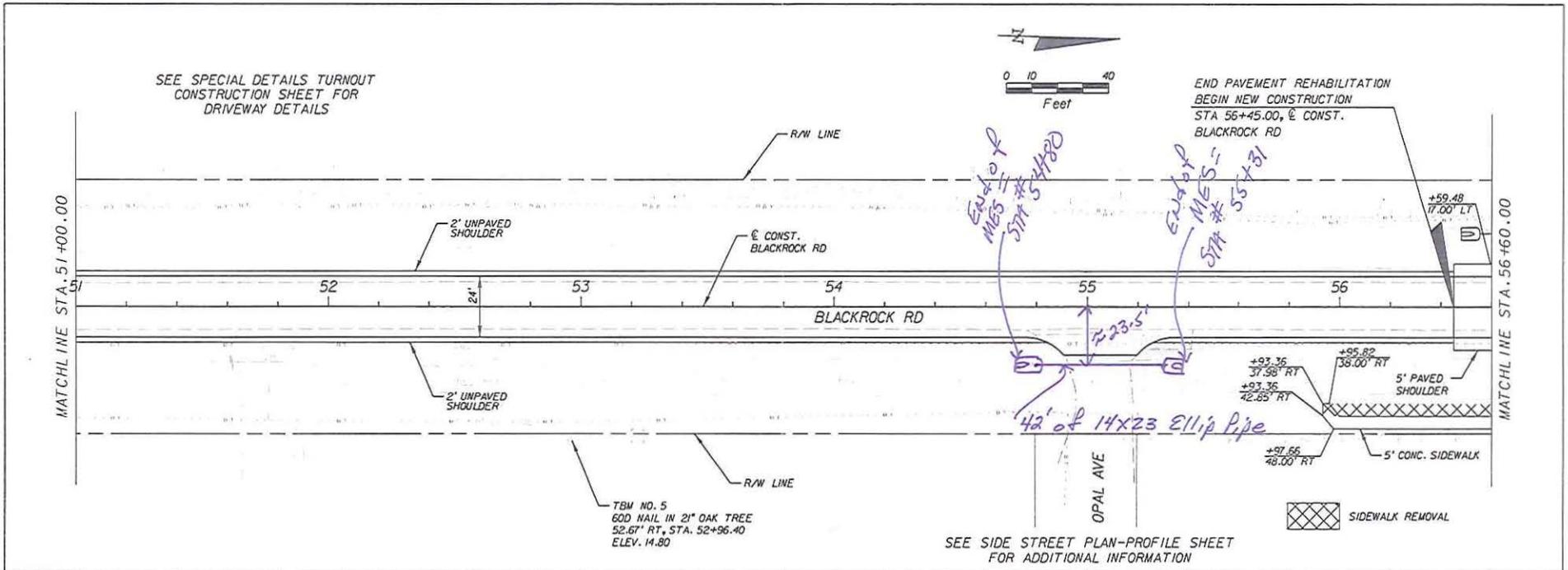
Project Administrator



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Email: SmithheartC@etminc.com

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REVISIONS	
DATE	DESCRIPTION

peters yaffee
 TRANSPORTATION & TRAFFIC ENGINEERING
 10199 SOUTHSHORE BLVD, SUITE 110
 JACKSONVILLE, FL 32256
 CERTIFICATE OF AUTHORIZATION 20259
 DOW W. PETERS III, P.E., 45545



NASSAU COUNTY ENGINEERING
 NASSAU COUNTY FLORIDA
 CONSTRUCTION PLANS FOR:
 BLACKROCK RD

PLAN SHEET

SHEET NO.
23

Carrie Smithheart

From: Carrie Smithheart
Sent: Friday, May 02, 2014 10:57 AM
To: 'Clyde Cross'
Cc: Kent Ponder; Constance Echols; 'Jonathan Page'
Subject: Blackrock Road - Additional Pipe Crossing at Opal Avenue
Attachments: Opal Pipe Run Plan.pdf

Clyde,

Per Nassau County's request we need to add a pipe crossing at Opal Avenue. Attached are the marked up plan sheets providing all information necessary for the installation.

We will overrun the following existing Pay Items until such time we execute the next contract change order:

430-175-218 (Pipe Culvert Opt. Material, Ellip., 18" S/CD) → 42.0 LF @ \$44.50/LF = \$1,860.00
430-984-625 (MES, Ellip., 18" SD) → 2.0 EA @ \$1,145.00 = \$2,290.00
Total = \$4,150.00

If you have any questions please give me a call.

Carrie Smithheart

Project Administrator



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, April 23, 2014 11:23 AM
To: 'Jonathan Page'
Cc: Kent Ponder
Subject: FW: Blackrock Road - Pipe Crossing at Opal Ave.
Attachments: SKMBT_C284e14042311040.pdf

Jonathan,

Based on the below and current contract prices for 18" cross drains & MES's, the actual cost would be \$4,159.00. Once I get a reply back from Dow I will contact Clyde with Petticoat-Schmitt.

Carrie

From: Carrie Smithheart
Sent: Wednesday, April 23, 2014 11:20 AM
To: Dow Peters
Cc: Kent Ponder; jon.doke@kisingercampo.com
Subject: Blackrock Road - Pipe Crossing at Opal Ave.

Dow,

Nassau County would like to replace the existing 15" CMP that crosses Opal Ave. due to its poor condition. In the original Bid Set of plans we called for this pipe to be replaced with 42 LF of 18" RCP at an offset of 30.39' Rt. with Flow Lines at 10.31 BK and 10.05 AH. Since the side street profile changed to a lower elevation profile in the Construction Set of plans I think that 14" x 23" Elliptical pipe would be the best way to go. In addition, since we are not going back into the side street nearly as far as we were going to, my thought is to have the pipe installed at an offset of approximately 23.50' Rt., thus aligning the new pipe run with the existing ditch line. Also, based on the limited amount of cover, I think that the original Bid Set flow lines of 10.31 BK and 10.05 AH would still be appropriate. See attached.

With the above said, please review my thought process. If you agree, could you please provide stationing for where the end of the MES's would fall. If you do not agree, could you please provide information as to what the necessary length of pipe, size of pipe, offsets, flow lines and stationing needs to be.

Thanks,

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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From: C284e@etminc.com [<mailto:C284e@etminc.com>]

Sent: Wednesday, April 23, 2014 11:05 AM

To: Carrie Smithheart

Subject: Message from KMBT_C284e

Carrie Smithheart

From: Jonathan Page [jpage@nassaucountyfl.com]
Sent: Tuesday, April 22, 2014 10:36 AM
To: Carrie Smithheart
Cc: Kent Ponder
Subject: RE: Pipe Desilting

How about if we replaced the pipe and added MES's? That pipe looks to have failed but I can't really tell for sure. At any rate if we touch it I believe MES's would need to be installed? The pipe is shown as a 15" existing but that seems very small for this location.

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Tuesday, April 22, 2014 10:26 AM
To: Jonathan Page
Cc: Kent Ponder; Constance Echols
Subject: Pipe Desilting

Jonathan,

Per your request.

The Statewide Average for this area, based on 318 LF of pipe, is \$11.70/LF. If you are looking at only doing this at the Opal Ave. location, approximately 56 LF, I would expect to be looking at something more like \$15.00/LF or between \$650.00 to \$850.00 or there about.

Carrie Smithheart

Project Administrator



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

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From: C284e@etminc.com [<mailto:C284e@etminc.com>]
Sent: Tuesday, April 22, 2014 10:19 AM
To: Carrie Smithheart
Subject: Message from KMBT_C284e

Contract Type: CC AR&B: V5
Displaying: VALID ITEMS WITH HITS
Proc: 3102 1 To: 0993999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0425 2 91	3	\$6,850.41	\$89,055.35	13.000	EA	N	MANHOLES, J-8, <10'
0425 2 93	1	\$3,900.00	\$7,800.00	2.000	EA	N	MANHOLES, J-8, PARTIAL
0425 2101	1	\$18,975.00	\$18,975.00	1.000	EA	N	MANHOLES, SPECIAL, <10'
0425 3 43	1	\$3,000.00	\$3,000.00	1.000	EA	N	JUNCTION BOX, DRAINAGE, P-7, PARTIAL
0425 5	6	\$1,108.90	\$70,969.56	64.000	EA	N	MANHOLE, ADJUST
0425 5 1	7	\$1,113.79	\$104,696.27	94.000	EA	N	MANHOLE, ADJUST, UTILITIES
0425 6	7	\$445.07	\$68,095.39	153.000	EA	N	VALVE BOXES, ADJUST
0425 7	1	\$1,070.00	\$1,070.00	1.000	EA	N	MANHOLE COVER- REPLACE
0425 74 1	1	\$2,977.70	\$32,754.70	11.000	EA	N	MANHOLES & INLETS CLEANING & SEAL, <10'
0430 94 1	2	\$11.70	\$3,720.00	318.000	LF	N	DESILTING PIPE, 0 - 24"
0430174118	3	\$61.49	\$6,825.76	111.000	LF	N	PIPE CULV, OPT MATL, ROUND, 18"SD
0430174124	1	\$145.44	\$1,163.52	8.000	LF	N	PIPE CULV, OPT MATL, ROUND, 24"SD
0430175115	3	\$285.07	\$6,271.48	22.000	LF	N	PIPE CULV, OPT MATL, ROUND, 15"S/CD
0430175118	6	\$34.51	\$257,957.45	7,475.000	LF	N	PIPE CULV, OPT MATL, ROUND, 18"S/CD
0430175124	5	\$48.44	\$222,348.03	4,590.000	LF	N	PIPE CULV, OPT MATL, ROUND, 24"S/CD
0430175130	3	\$74.90	\$130,619.32	1,744.000	LF	N	PIPE CULV, OPT MATL, ROUND, 30"S/CD
0430175136	3	\$96.38	\$63,418.00	658.000	LF	N	PIPE CULV, OPT MATL, ROUND, 36"S/CD
0430175142	1	\$112.49	\$148,936.76	1,324.000	LF	N	PIPE CULV, OPT MATL, ROUND, 42"S/CD
0430175148	2	\$128.95	\$181,684.08	1,409.000	LF	N	PIPE CULV, OPT MATL, ROUND, 48"S/CD
0430175218	2	\$42.65	\$20,132.22	472.000	LF	N	PIPE CULV, OPT MATL, OTHER, 18"S/CD
0430602125	1	\$1,428.90	\$1,428.90	1.000	EA	N	U-ENDWALL, W \GRATE, STD 260, 1:4 SLP, 18"
0430611125	1	\$2,000.00	\$4,000.00	2.000	EA	N	U-ENDWALL, BAFFLES, STD 261, 1:4 SLP, 18"
0430611129	1	\$2,200.00	\$2,200.00	1.000	EA	N	U-ENDWALL, BAFFLES, STD 261, 1:4 SLP, 24"
0430612029	1	\$3,863.98	\$3,863.98	1.000	EA	N	U-ENDWALL, GRATE, STD 261, 1:6 SLP, 24"
0430612033	1	\$4,772.42	\$4,772.42	1.000	EA	N	U-ENDWALL, GRATE, STD 261, 1:6 SLP, 30"
0430830	3	\$296.97	\$28,360.69	95.500	CY	N	PIPE FILLING AND PLUGGING
0430982125	3	\$1,014.09	\$9,126.84	9.000	EA	N	MITERED END SECT, OPTIONAL RD, 18" CD
0430982133	1	\$1,500.00	\$3,000.00	2.000	EA	N	MITERED END SECT, OPTIONAL RD, 30" CD
0430982141	2	\$2,802.50	\$5,605.00	2.000	EA	N	MITERED END SECT, OPTIONAL RD, 48" CD
0430982625	1	\$1,200.00	\$9,600.00	8.000	EA	N	MITERED END SECT, OPT - OTHER, 18" CD
0430984125	3	\$996.01	\$9,960.14	10.000	EA	N	MITERED END SECT, OPTIONAL RD, 18" SD
0430984129	1	\$2,107.03	\$4,214.06	2.000	EA	N	MITERED END SECT, OPTIONAL RD, 24" SD
0431 1 1	1	\$177.60	\$31,080.00	175.000	LF	N	PIPE LINER, OPTIONAL MATERIAL, 0-24"
0432 3 7	1	\$3,000.00	\$3,000.00	1.000	EA	N	CHEM GROUT REPAIR, PIPE, NON-TEST, 42"
0440 1 20	2	\$27.54	\$107,645.23	3,909.000	LF	N	UNDERDRAIN, TYPE II
0440 70	1	\$1,553.21	\$24,851.36	16.000	EA	N	UNDERDRAIN INSPECTION BOX
0440 73 2	1	\$20.97	\$8,660.61	413.000	LF	N	UNDERDRAIN OUTLET PIPE, 6"
0440 73 3	1	\$32.73	\$7,233.33	221.000	LF	N	UNDERDRAIN OUTLET PIPE, 8"
0446 71 1	1	\$32.00	\$38,432.00	1,201.000	LF	N	EDGEDRAIN OUTLET PIPE, 4"
0450 2 84	1	\$250.00	\$332,250.00	1,329.000	LF	N	PREST BEAMS: FLORIDA-I BEAM 84"

Carrie Smithheart

From: Carrie Smithheart
Sent: Friday, April 11, 2014 12:42 PM
To: Clyde Cross
Cc: Sharon Carlson; Robert Griner; Kent Ponder; Constance Echols; Jeremy Cronk; Jonathan Page; Carrie Smithheart
Subject: RE: Blackrock Road - CO No. 4 - Plan Revision No. 3 (Maranatha Rd. Pipe Crossing)

Clyde,

In addition to the 18.0 LF of 18" Elliptical S/CD pipe and 2.0 ea. 18" Elliptical SD MES's, the following items will be overrun at the current contract until such time they can be included in the next contract change order.

- 570-1-2 Performance Turf, Sod (55 SY)
- 120-1 Regular Excavation (9.1 CY)

If you have any questions please give me a call.

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@etmnc.com

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From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Friday, April 11, 2014 9:53 AM
To: Carrie Smithheart
Cc: Kent Ponder; Jonathan Page
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Carrie,

Good morning, the additional quantities are as follows:

- 570-1-2 Performance Turf, Sod (55 SY)
- 120-1 Regular Excavation (9.1 CY)

Thanks, let me know is you have any additional questions.

Dow W. Peters III, P.E.
President
Peters and Yaffee, Inc.
10199 Southside Boulevard, Suite 110
Jacksonville, FL 32256
904.265.0751(Office)
904.735.6486(Cell)
<http://www.petersandyaffee.com>



From: Carrie Smithheart
Sent: Wednesday, April 09, 2014 9:23 AM
To: Clyde Cross
Cc: 'Sharon Carlson'; Robert Griner; Kent Ponder; Constance Echols; Jeremy Cronk; Jonathan Page
Subject: Blackrock Road - Plan Revision No. 3 (Maranatha Rd. Pipe Crossing)

Clyde,

Please find attached Plan Revision No. 3 for the above referenced project. Please delete all corresponding plan sheets and replace with the attached. This revision is being issued due to future drainage concerns along Maranatha Road.

Per the revisions, we will need to install a pipe crossing on Maranatha Rd. with MES's and grade for a swell ditch on the east side of Blackrock Rd. At this time we will over run the current contract quantities for 18" Elliptical S/CD pipe by 18.0 LF and 18" Elliptical SD MES by 2.0 ea. All necessary quantity additions will be included in the next contract change order.

If you have any questions please give me a call.

Carrie Smithheart

Project Administrator



Direct: 904-265-3170
Cell: 904-609-9007
Fax: 904-646-9485
Email: SmithheartC@etminc.com

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From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Tuesday, April 08, 2014 1:51 PM
To: Carrie Smithheart
Cc: Kent Ponder; Jonathan Page
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Carrie,

Attached is the plan revisions for the drainage issue in question at Maranatha Road. Let me know if you have any questions or comments about the swallow swale that we are proposing for the northeast quadrant at Maranatha Road. We provided details for the ditch while maintaining the cover of the proposed pipe from S-19 to S-25. Thanks.

Dow W. Peters III, P.E.

President

Peters and Yaffee, Inc.

10199 Southside Boulevard, Suite 110

Jacksonville, FL 32256

904.265.0751(Office)

904.735.6486(Cell)

<http://www.petersandyaffee.com>



Carrie Smithheart

From: Carrie Smithheart
Sent: Monday, April 07, 2014 12:23 PM
To: Jonathan Page; 'Dow Peters'
Cc: Kent Ponder
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)
Attachments: SKMBT_C284e14040712110.pdf

Importance: High

Jonathan / Dow,

Please see the attached survey information for Maranatha Rd. These are rod shots and not actual elevations, however you can see that there is definitely some grading issues with the existing ditches. The existing profile of Maranatha Rd. rises dramatically east of our last survey shots. Based on this, it appears that both of the ditches and the roadway should fall to the west, back towards Blackrock Rd. At this time, water appears to collect (pool) at between 60' – 100' east of Blackrock Rd. along Maranatha. The existing ditches have build up within them and need to be re-graded.

Dow, Please provide a solution to address this situation.

Thank you,

Carrie Smithheart

Project Administrator



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Direct: 904-265-3170

Cell: 904-509-9007

Fax: 904-646-9485

Email: SmithheartC@etminc.com

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From: Dow Peters [mailto:dpeters@petersandyaffee.com]
Sent: Friday, April 04, 2014 1:36 PM
To: Carrie Smithheart; Jonathan Page
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Jonathan/Carrie:

We are currently reviewing the drainage design and survey that we have for the area in question. We will review and report back. Thanks.

Dow W. Peters III, P.E.

President

Peters and Yaffee, Inc.

10199 Southside Boulevard, Suite 110

Jacksonville, FL 32256

904.265.0751(Office)

904.735.6486(Cell)

<http://www.petersandyaffee.com>



From: Carrie Smithheart [<mailto:SmithheartC@etmnc.com>]
Sent: Friday, April 04, 2014 1:17 PM
To: Jonathan Page; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

We will do that.

I'll let you know what we find.

Carrie Smithheart

Project Administrator



England, Thims & Miller, Inc.
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Direct: 904-265-3170

Cell: 904-509-9007

Fax: 904-646-9485

Email: SmithheartC@etmnc.com

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From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Friday, April 04, 2014 1:10 PM
To: Carrie Smithheart; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Thanks! Stupid question... If the northside and southside are both flowing east why would the MES be on the southside? It seem like you would need one on both sides or none at all? I tend to doubt that one side flows east and the other flows west, but check it out please!

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

From: Carrie Smithheart <SmithheartC@etmnc.com>
Sent: Friday, April 4, 2014 1:03 PM

To: Jonathan Page; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Jonathan → Please see attached plan sheet 49 showing the existing profile of Maranatha Rd. It falls back to the east. We will be creating a swell at the tie-in point with Blackrock Rd. This will keep the Blackrock Rd. runoff off of Maranatha. Unless the existing ditch flows backwards from the roadway profile grades, which I do not know at this point, Maranatha Rd. runoff should be flowing to the east. We can shoot the ditch line on Monday to verify.

Dow → Do you have any additional survey points down Maranatha other than the information we have shown in the plans?

Carrie Smithheart

Project Administrator



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

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From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]
Sent: Friday, April 04, 2014 12:39 PM
To: Carrie Smithheart; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: RE: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Where does the water from the northside ditch go? To me it appears to be getting blocked by the new pipe. It would seem we left off a MES and box on the north side? Maybe I'm wrong but at this point I tend to agree with the citizen. Unless the northside somehow drains to the east which it does not appear to...

Jonathan P. Page, P.E.
Engineer III
(904) 491-7330
Nassau County Public Works
96161 Nassau Place
Yulee, FL 32097
www.nassaucountyfl.com

From: Carrie Smithheart <SmithheartC@etminc.com>
Sent: Friday, April 4, 2014 12:04 PM
To: Jonathan Page; Dow Peters
Cc: Kent Ponder; Scott Herring; Shelley Caldwell
Subject: Blackrock Road - RE: Citizen Call (Mr Michael Silva)

Jonathan,

Based on the plans, see plan sheets 33 & 34 (attached), the SE corner of Maranatha Rd. will drain into a new MES (S-20) then down to structure S-19, to S-25, across Blackrock Road and pop off into the drainage easement at MES S-24. This should enhance the current drainage condition.

Carrie Smithheart

Project Administrator



Direct: 904-265-3170

Cell: 904-509-9007

Fax: 904-646-9485

Email: SmithheartC@etminc.com

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From: Jonathan Page [<mailto:jpage@nassaucountyfl.com>]

Sent: Friday, April 04, 2014 11:41 AM

To: Carrie Smithheart; Dow Peters

Cc: Jonathan Page; Scott Herring; Shelley Caldwell

Subject: Citizen Call

Mr Michael Silva (904) 548-8132 called today and is concerned that the drainage from Mirantha Road is going to be adversely affected by the new system being installed at this moment. Will you please review the plans and let me know if he is correct and we need to do something or if your confident with the design as it is?

Thanks,

Jonathan

Jonathan P. Page, P.E.

Engineer III

(904) 491-7330

Nassau County Public Works

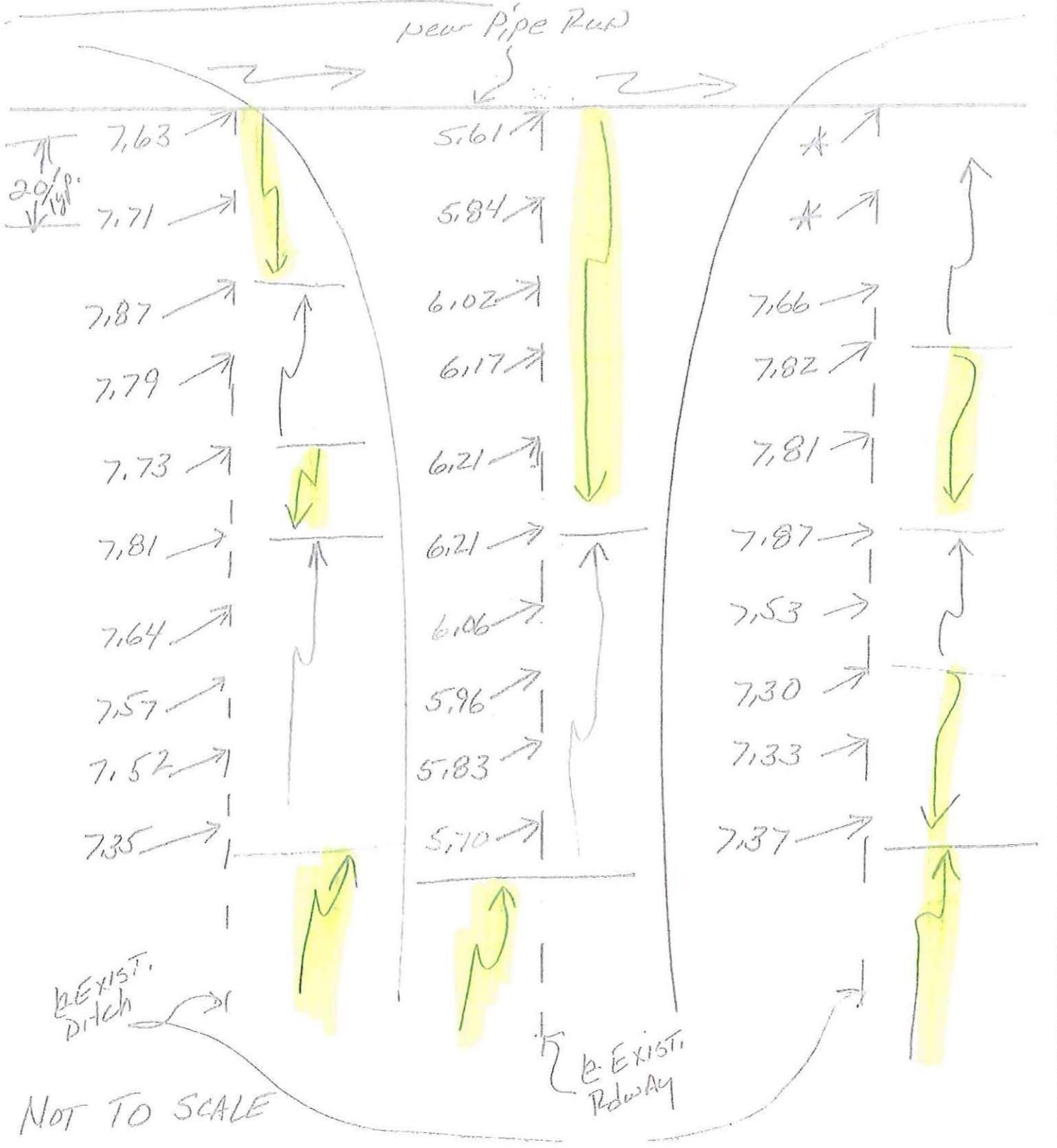
96161 Nassau Place

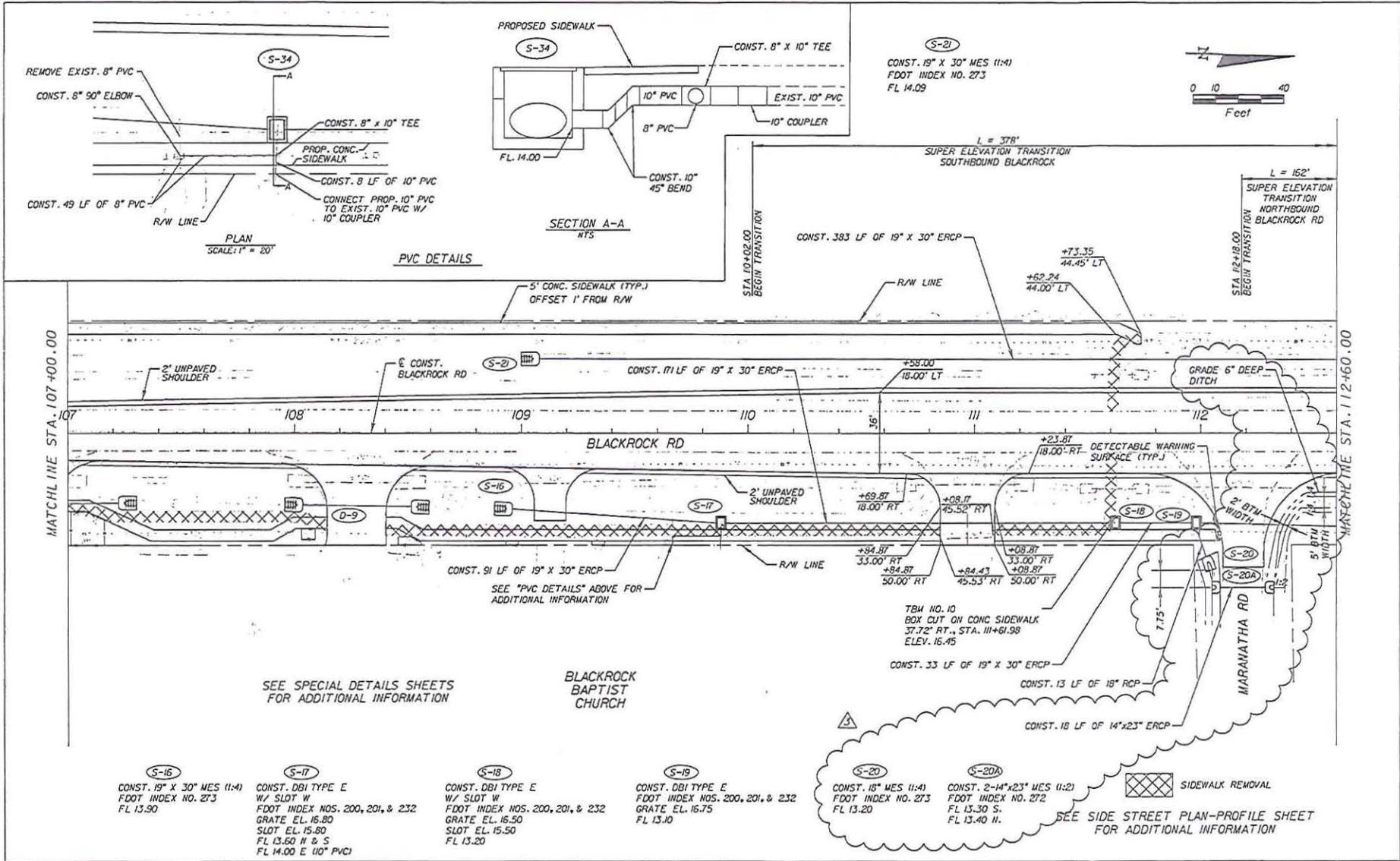
Yulee, FL 32097

www.nassaucountyfl.com

MAZAPATA Rd. Blackrock
 PROJ. NO. _____ PROJ. NAME _____

EXISTING Ground Survey Shots (NOTE: NOT ELEVATIONS)
 SHOTS TAKEN @ 20' APART → N





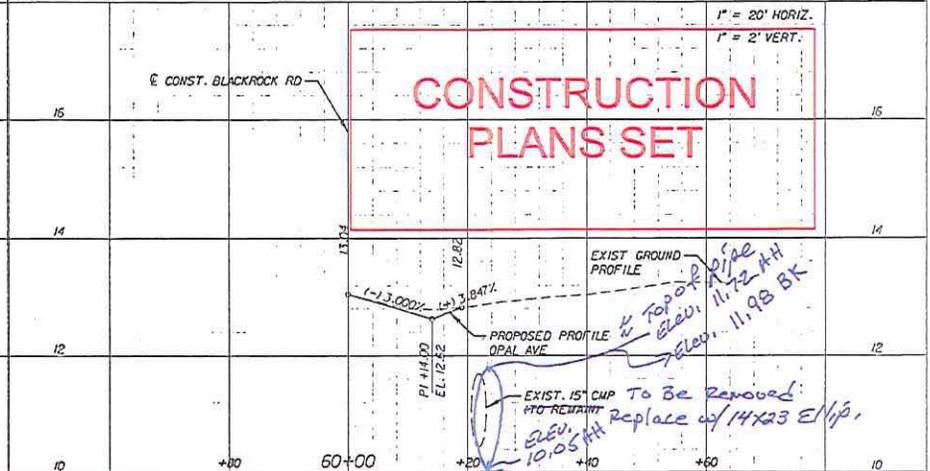
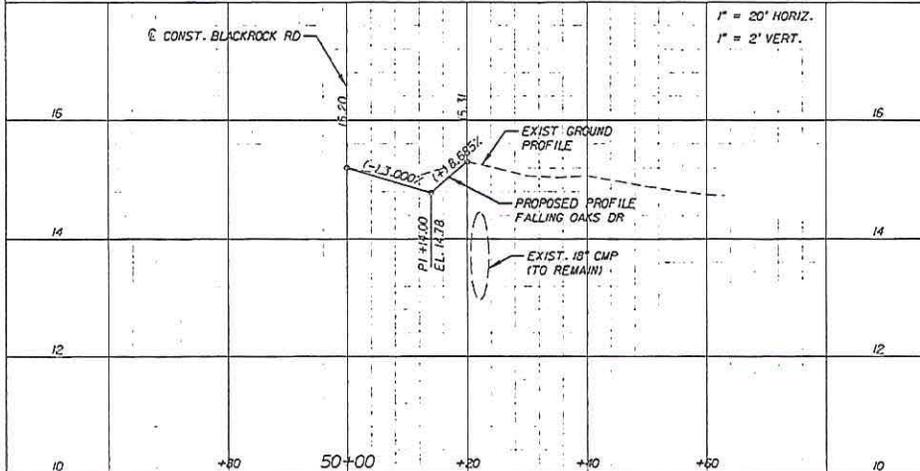
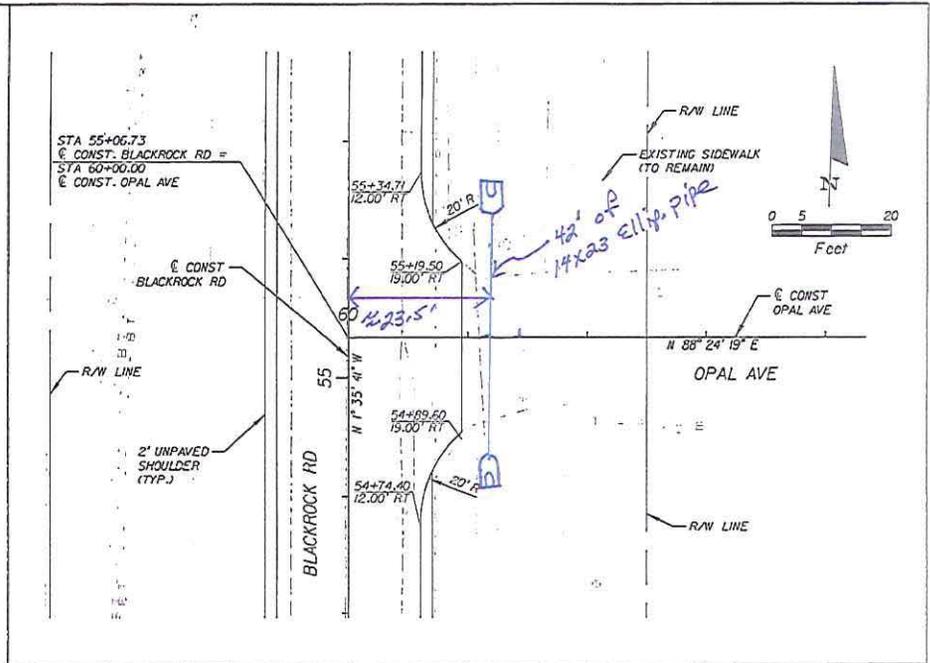
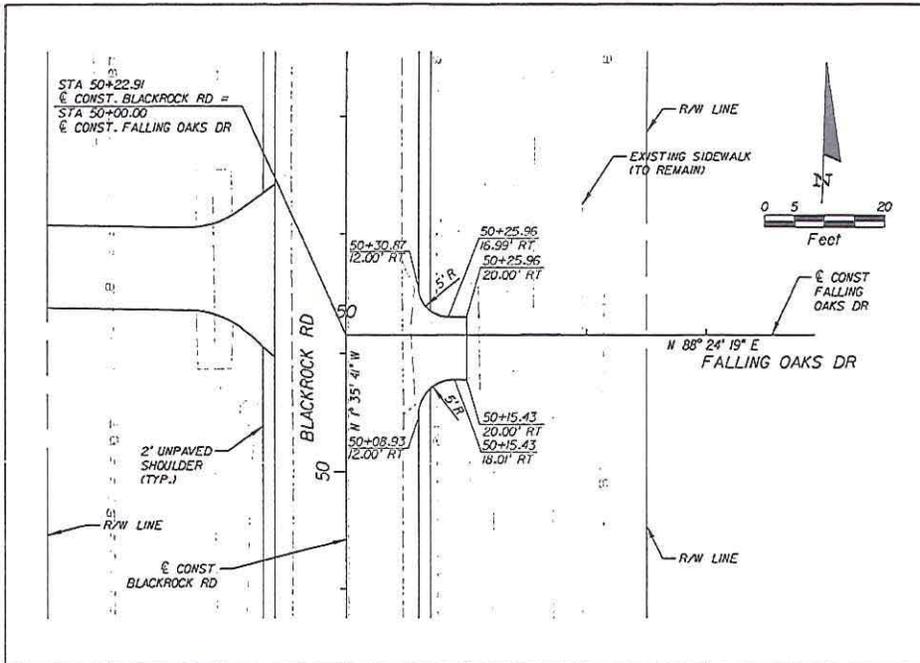
peters yaffee
TRANSPORTATION & TRAFFIC ENGINEERING
1899 EDWARDS BLVD, SUITE 818
MICHIGAVILLE, FL 32184
CERTIFICATE OF AUTHORIZATION 38258
BOW W, PETERS B, P.L.L.C.



NASSAU COUNTY ENGINEERING
NASSAU COUNTY FLORIDA
CONSTRUCTION PLANS FOR:
BLACKROCK RD

PLAN SHEET

SHEET NO.
33



**CONSTRUCTION
PLANS SET**

REVISIONS	
DATE	DESCRIPTION

peters yaffee
TRANSPORTATION & TRAFFIC ENGINEERING
1619N. SOUTHWEST BLVD, SUITE 110
JACKSONVILLE, FL 32256
CERTIFICATE OF AUTHORIZATION 28234
DORIS M. PETERS, P.E. 65565



NASSAU COUNTY ENGINEERING
NASSAU COUNTY FLORIDA
CONSTRUCTION PLANS FOR:
BLACKROCK RD

**SIDE STREET
PLAN-PROFILE**

SHEET NO.
44

Carrie Smithheart

From: Dow Peters [dpeters@petersandyaffee.com]
Sent: Friday, May 23, 2014 11:10 AM
To: Carrie Smithheart
Cc: Chris Evers; Kent Ponder
Subject: RE: Blackrock - Widening Clarification

Carrie/Kent,

My apologies for not getting this information to you sooner. The total area for turn lane widening is **1,555 SY**. This includes the area at the beginning of the project (Sta 12+14 to Sta 16+40) and the area at Heron Isle Parkway (Sta 107+00 to Sta 118+94). I will give Randy Stormant a call to get an update on the cores that APS delivered. I don't think that the original FDR pavement design will change, I just want to confirm before we commit to a new widening pavement mix design. Below is a pavement mix design that we can use as a potential alternative. Let me know if you have any questions or concerns. Thanks.

- 2" SP-12.5 Asphalt = 171,05 TN → AL ready included in Contract,
 - 8" Limerock Base = 1555 sy @ \$13,40/sy = \$20,837.00
 - 12" Stabilization = 1555 sy @ \$5,14/sy = \$7,992.70
-
- \$28,829.70

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Current = FDR = \$9,45/sy = \$14,694.75
11,69/TN = CTB = \$162/TN = \$1,893.78
4976/GAL = Emul = \$2.70/Gal = \$13,435.20

\$30,023.73

\$1,194.03

From: Carrie Smithheart [mailto:SmithheartC@etminc.com]
Sent: Thursday, May 08, 2014 3:46 PM
To: Dow Peters
Cc: Chris Evers
Subject: RE: Blackrock - Widening Clarification

It may. In my preliminary conversations with Clyde, he did mention extra time. Currently I think they are looking to start the FDR towards the end of this month.

Thanks,

Carrie

From: Dow Peters [mailto:dpeters@petersandyaffee.com]
Sent: Thursday, May 08, 2014 3:37 PM
To: Carrie Smithheart
Cc: Chris Evers
Subject: RE: Blackrock - Widening Clarification

Carrie,

I agree with your method to balance the cost difference. I would like to see what Randy's review reveals before we propose the alternative pavement design. I think your pavement estimate below is a good start. Does this change have an impact on the schedule at all? Don't want to have Clyde chomping at the bit. Thanks.

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From: Carrie Smithheart [<mailto:SmithheartC@etminc.com>]
Sent: Thursday, May 08, 2014 3:29 PM
To: Dow Peters
Cc: Chris Evers
Subject: RE: Blackrock - Widening Clarification

What I want to be able to do is come up with an estimate for building it in a traditional fashion and the look at that price against the cost of doing it by FDR based on the SY provided by you. I believe if we have the SY area we can extrapolate the AC and other additives that we have pay items for to be able to see the cost difference between the 2 methods, if any.

I guess the one other thing I would need is what we think the traditional pavement section would be. I would expect something like, 12" SG, 8" limerock base and 2" of SP-9.5. In addition I would expect the SG to go out an addition 2' or so.

Carrie Smithheart
Project Administrator



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

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From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Thursday, May 08, 2014 3:16 PM
To: Carrie Smithheart
Cc: Chris Evers
Subject: RE: Blackrock - Widening Clarification

Carrie,

I will get you the total area of lane widening sections. Would it make sense to capture the total cost of the lane widening sections and price it base on the original FDR Bid. And use that price as a baseline price that would be acceptable for what pavement design can be constructed in these areas? We would also need to know if Randy will have any changes to his pavement design for FDR so we can match the final structural number for the FDR Section. Hopefully that makes sense. I am available to chat if you like.

Dow W. Peters III, P.E.

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From: Carrie Smithheart [<mailto:SmithheartC@etminc.com>]

Sent: Thursday, May 08, 2014 3:08 PM

To: Chris Evers; Dow Peters

Subject: RE: Blackrock - Widening Clarification

Importance: High

Here is one problem I foresee.

I know Dow went on the record, that this would be acceptable as long as the cost does not go up. I am assuming that this is due to the plans and specs specifically calling this out as FDR and the contractor bid it this way. In other words they essentially agreed it could be done.

Dow → Can you provide a square yard area of the turn lane widening areas. I would like to do a takeoff to come up with an estimated cost of doing these in a traditional fashion before we send anything out.

Thanks,

Carrie Smithheart

Project Administrator



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From: Chris Evers [<mailto:chris@eversig.com>]
Sent: Thursday, May 08, 2014 1:38 PM
To: Carrie Smithheart; Dow Peters
Subject: Re: Blackrock - Widening Clarification

Okay, I got with Tommy and reviewed the two options.

Here is what we came up with:

Due to the variable existing profile and proposed profile adjustments on the CIR section it will be difficult to get consistent quantities of excess material to build the turn lane. Under normal instances it might be possible but it looks to be more trouble than it's worth for this project. Expected production would be too slow meaning more lifts for construction of the turn lane. For this reason I suggest accepting traditional construction in this area of the job. Let me know if you have any questions. I copied just you two so that we could address anything before firing off to the whole group. Carrie, if you'd like I will let you send it out or I am happy to reply to the email you sent a few hours ago. Thanks.

Chris Evers
727-638-1699

Evers Infrastructure Group LLC
chris@eversig.com
www.eversig.com

APWA Florida Chapter Past President
Chrise@apwaflorida.org
florida.apwa.net

Florida Public Works - First to Respond, Last to Leave

On May 8, 2014, at 10:54 AM, Carrie Smithheart <SmithheartC@etminc.com> wrote:

Clyde,

After further discussions with the EOR, Nassau County and the Evers Group, at this time we do not what you to proceed with the below; Box out for 8" of limerock (no compaction requirements), Construct FDR.

It is our understanding that there will be excess mix generated from the mainline FDR operations. The excess material will then be placed for the turn lane widening base construction. Basically, this would mean, the turn lane widening areas would be boxed out 8" to 10" at the time the mainline FDR process begins (the idea is to make sure we have 8" of the FDR mixture as the base material with it graded to accept the 2" asphalt overlay. We will be speaking with Bechtol & APS today and should have Complete Clarification for you after those discussions.

Carrie Smithheart
Project Administrator

<image002.gif>

Direct: 904-265-3170

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

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From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Tuesday, May 06, 2014 9:26 AM
To: Carrie Smithheart
Cc: Robert Griner; Matt Kiger; Kent Ponder; Constance Echols; Jeremy Cronk
Subject: RE: Blackrock - Widening Clarification

We will construct the widening turn lanes according to this email:

- Box out for 8" of limerock (no compaction requirements)
- Construct FDR.

Clyde Cross
Vice President

<image001.jpg>
6380 Phillips Highway * Jacksonville, FL 32216
(904) 751-0888 * Fax (904) 751-0988 * Direct (904) 854-7418
www.petticoatschmitt.com

From: Carrie Smithheart [<mailto:SmithheartC@etminc.com>]
Sent: Monday, April 28, 2014 3:25 PM
To: Clyde Cross
Cc: Robert Griner; Matt Kiger; Kent Ponder; Constance Echols; Jeremy Cronk
Subject: FW: Blackrock - Widening Clarification

Clyde,

Please see the below response from the EOR and the attached response to project RFI No. 3.

Carrie Smithheart
Project Administrator

<image002.gif>

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

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From: Dow Peters [<mailto:dpeters@petersandyaffee.com>]
Sent: Monday, April 28, 2014 3:10 PM
To: Carrie Smithheart
Subject: RE: Blackrock - Widening Clarification

Carrie,

The response that was prepared for RFI No. 3 is still valid. The pavement design for the widening area is shown in Typical Section 1 (Sta 12+14.50 to Sta 56+45.00) and Typical Section 4 (Sta 102+00 to 122+38.00). These widening areas are shown in the plans as "Homogenous Full Depth Reclamation Base" with Type SP-9.5 Structural Course (Traffic C)(2"). All widening for Blackrock Road is being called for by using this homogenous mix with the FDR Process. Additional details for all widening areas are included in the FDR Specs - Widening Section 32 12 04-4. The pavement design that is listed below only refers to the approach areas north and south of the bridge. Thanks.

Dow W. Peters III, P.E.
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<http://www.petersandyaffee.com>
<image003.jpg>

From: Clyde Cross [<mailto:ccross@petticoatschmitt.com>]
Sent: Monday, April 28, 2014 12:35 PM
To: Carrie Smithheart
Cc: Robert Griner; Matt Kiger
Subject: Blackrock - Widening Clarification

Carrie, there is still a bit of confusion regarding how the widening areas are to be built. The widening areas I refer to are the one depicted in the attached jpg file (delineated by the red line). The other widening area is past the bridge at the other end of the job and widens on both sides of the road.

The way I understand these areas will be built are as follows:

12" Stabilization (LBR 40)
8" Limerock Base
2" SP 9.5 Asphalt

An exception to the above is if we decide to use 6" of solid limerock in lieu of the 12" Stabilization. Please confirm this.

[Clyde Cross](#)

Vice President

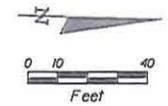
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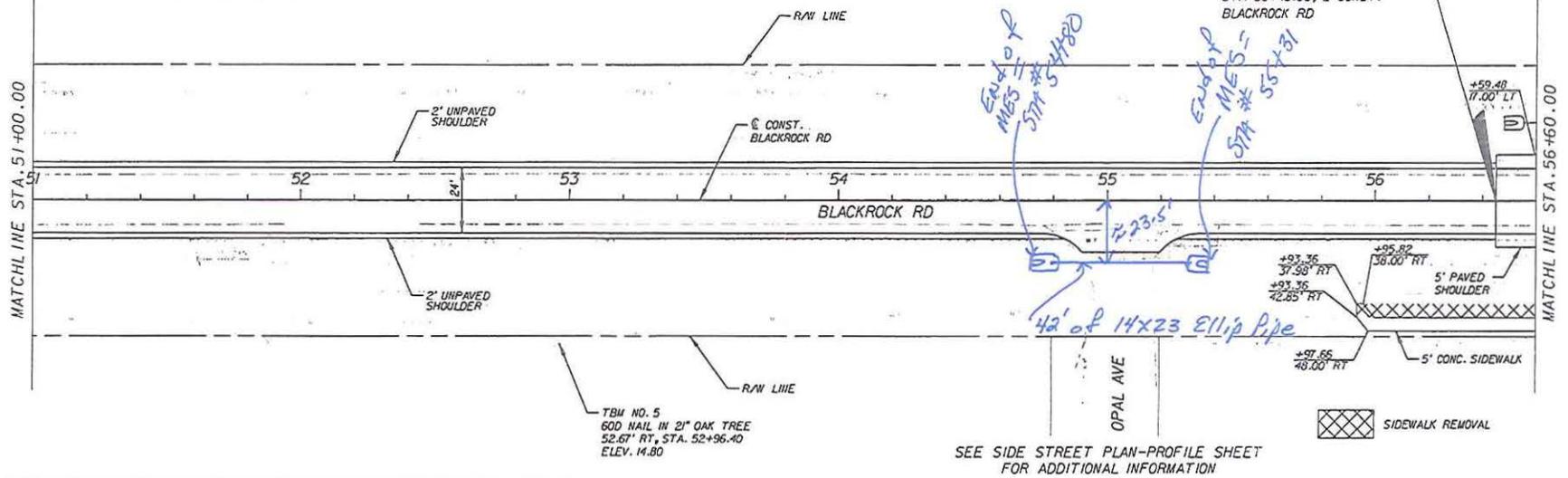
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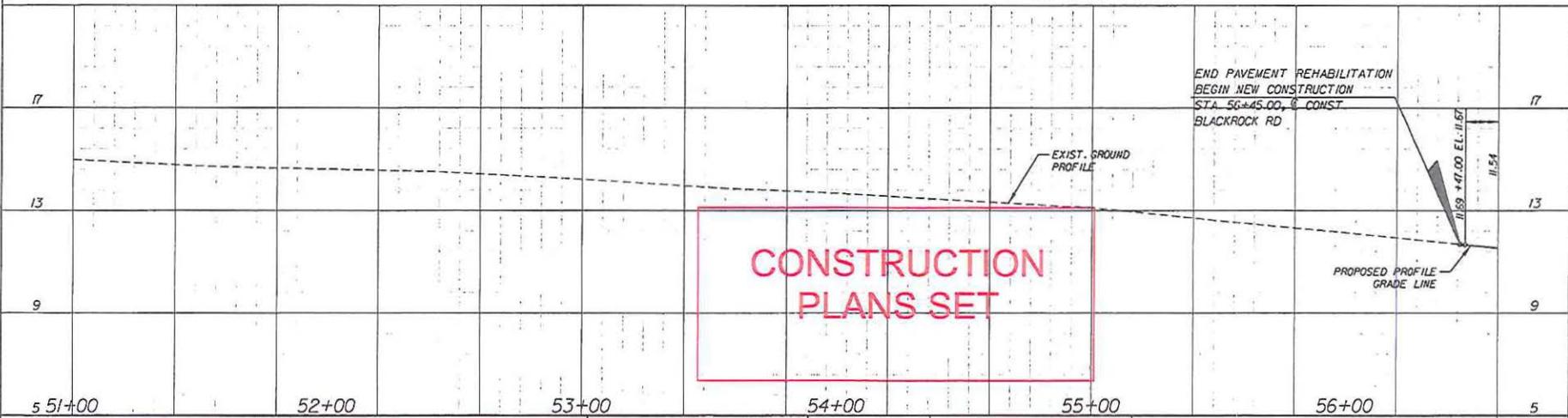
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END PAVEMENT REHABILITATION
BEGIN NEW CONSTRUCTION
STA 56+45.00, @ CONST.
BLACKROCK RD



SEE SIDE STREET PLAN-PROFILE SHEET
FOR ADDITIONAL INFORMATION



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

peters yaffee
TRANSPORTATION & TRAFFIC ENGINEERING
10189 SOUTHSHORE BLVD, SUITE 310
JACKSONVILLE, FL 32216
CENTRAL FLORIDA AUTHORIZATION 202328
DOH W. PETERS II, P.E. 45545



NASSAU COUNTY ENGINEERING
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CONSTRUCTION PLANS FOR:
BLACKROCK RD

PLAN SHEET

SHEET NO.
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