

SECTION 00806

CHANGE ORDER

No. 2 (FINAL)

DATE OF ISSUANCE _____

EFFECTIVE DATE _____

OWNER: St. Charles Parish Government

CONTRACTOR: Fleming Construction Company, LLC

Contract: Primrose Ellington Canal Culvert Replacement

Project: Primrose Ellington Canal Culvert Replacement

OWNER's Contract No P090201-3

Engineer's Contract No.: 0908

ENGINEER Professional Engineering and Environmental Consultants, Inc.

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

Description:

To Install Additional foundation material under the culverts as modified by the Geotechnical Firm and Drawn by PEEC (see attached letter dated May 29, 2015 by Fleming (As modified by the engineer) and drawings prepared by PEEC dated May 27, 2015).

1. **Delete the Following Work Items:**

- a. Contract Item #: **D-004, F-001, F-002, F-004, F-005, R-001** (See attached table for adjusting the quantities based on completed work)

Total of Deducted Items = **(\$ 134,700.00)** See attached cost estimate for details.

2. **Add the Following Work Items:**

- a. New Contract Item #: **Line Item CO2: Foundation modification ad Lagatuuta and Diane**

Total Addition of (a) CO2: **\$ 60,047.90** See attached cost estimate for details.

3. **Revise the Following Work Item Quantities:**

- a. Contract Item #: **B-006, A-007, B-007, C-007, C-008, D-008, E-007, E-009** (See attached table for adjusting the quantities based on completed work)

Total Addition for (b): **\$ 16,579.64** See attached cost estimate for details.

Total of Change Order = - \$58,072.56

Reason for Change Order: List a reason for each Line Item listed above.

1. Deleted Work Items: **See attached table for adjusting the quantities based on work completed.**
2. Add Work Items: **To provide a permanent slope protection at the end of each culvert installed.**
3. Revise Work Item Quantities: **See attached table for adjusting the quantities based on work completed.**

Attachments: (List documents supporting change)

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>1,999,453.40</u>
Net Increase from previous Change Orders No. <u>0</u> to <u>1</u> : \$ <u>198,625.91</u>
Contract Price prior to this Change Order: \$ <u>2,198,079.31</u>
Net Decrease of this Change Order: \$ <u>58,072.46</u>
Contract Price with all approved Change Orders: \$ <u>2,140,006.85</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Ready for final payment: <u>360</u> (days)
Net Increase from previous Change Orders No. <u>0</u> to No. <u>1</u> : Ready for final payment: <u>45</u> (days)
Contract Times prior to this Change Order: Ready for final payment: <u>405</u> (days)
Net increase this Change Order: Ready for final payment: <u>11</u> (days)
Contract Times with all approved Change Orders: Ready for final payment: <u>416</u> (days or dates)

RECOMMENDED:

APPROVED:

ACCEPTED:

By: *Mo Sall*
ENGINEER (Authorized Signature)

By: _____
OWNER (Authorized Signature)

By: *[Signature]*
CONTRACTOR (Authorized Signature)

Date: 6/6/16

Date: _____

Date: 6/21/16

ATTACHMENT NO 2 - DESCRIPTION OF CHANGES

P0090201-3 Primrose (Ellington) Canal Road Crossing Culvert Replacement

Item No.	Description	Unit	Unit Price	Original Contract		Change Order No. 1		Change Order No. 2		Total to Date		Increases	Decreases	Deletions	Additions
				Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost				
M-001	Mobilization/Demobilization	LS	\$46,597.00	1	\$46,597.00		\$ -		\$ -	1.00	\$46,597.00				
A-001	Installation of signage and barricades, and provide full time flag person to control traffic on Primrose at Monsanto Ave.	LS	\$13,290.00	1	\$13,290.00		\$ -		\$ -	1.00	\$13,290.00				
A-002	Perform all work required for the construction layout at Monsanto Ave.	LS	\$788.00	1	\$788.00		\$ -		\$ -	1.00	\$788.00				
A-003	Perform all work required for the installation of the 14'10" X 4'10" Aluminum Arch Culvert at Monsanto Ave.	LF	\$3,088.72	45	\$138,992.40		\$ -		\$ -	45.00	\$138,992.40				
A-004	Perform all work required for relocation of the waterline at Monsanto Ave. Marked as "waterline adjustment at Monsanto"	LS	\$7,200.00	1	\$7,200.00		\$ -		\$ -	1.00	\$7,200.00				
A-005	Perform all work required for the construction of all required drop inlets, all bends and fittings, and related outfall pipes at Monsanto Ave.	LS	\$15,000.00	1	\$15,000.00		\$ -		\$ -	1.00	\$15,000.00				
A-006	Perform all work required for the installation of the concrete cloth at Monsanto Ave.	LS	\$16,000.00	1	\$16,000.00	1	\$ (16,000.00)			0.00	\$0.00			\$16,000.00	
A-007	Perform all work required to remove existing asphalt and install required new 4"asphaltic roadway (2"base course/2" wearing course) at Monsanto Ave.	TON	\$422.00	50	\$21,100.00		\$ -	13.12	\$5,536.64	63.12	\$26,636.64	\$5,536.64			
A-008	Placement of the 610 limestone required for the road maintenance at Monsanto Ave.	LS	\$10,000.00	1	\$10,000.00		\$ -		\$ -	1.00	\$10,000.00				
A-009	Install and removal of temporary coffer dams at Monsanto Ave.	EACH	\$11,125.00	2	\$22,250.00		\$ -		\$ -	2.00	\$22,250.00				
B-001	Perform all work required for the installation of the signage, barricades, and provide full time flag person to control the traffic on Primrose at River Oaks Ave.	LS	\$13,000.00	1	\$13,000.00		\$ -		\$ -	1.00	\$13,000.00				
B-002	Perform all work required for the construction layout at River Oaks Ave.	LS	\$800.00	1	\$800.00		\$ -		\$ -	1.00	\$800.00				
B-003	Perform all work required for the installation of the 14'10" X 4'10" Aluminum Arch Culvert at River Oaks Ave.	LF	\$3,210.00	42	\$134,820.00		\$ -		\$ -	42.00	\$134,820.00				
B-004	Perform all work required for the relocation of the existing waterline at River Oaks Ave.	LS	\$7,700.00	1	\$7,700.00		\$ -		\$ -	1.00	\$7,700.00				
B-005	Perform all work required for the installation of the concrete cloth at River Oaks Ave.	LS	\$16,000.00	1	\$16,000.00	1	\$ (16,000.00)			0.00	\$0.00			\$16,000.00	
B-006	Perform all work required to remove/replace the existing concrete drives at River Oaks Ave.	CY	\$300.00	14	\$4,200.00		\$ -	1	(\$300.00)	13.00	\$3,900.00		\$300.00		
B-007	Perform all work required to install the new 4"asphaltic roadway (2"base course/2" wearing course) at River Oaks Ave.	TON	\$450.00	40	\$18,000.00		\$ -	1.71	\$769.50	41.71	\$18,769.50	\$769.50			
B-008	Excavation and fill cost required for all temporary turn around areas at River Oaks Ave. Fill material shall be 610 crushed limestone.	LS	\$13,000.00	1	\$13,000.00		\$ -		\$ -	1.00	\$13,000.00				
B-009	Placement of the 610 limestone required for the road maintenance at River Oaks Ave.	LS	\$13,150.00	1	\$13,150.00		\$ -		\$ -	1.00	\$13,150.00				
B-010	10" tree removal of the Tallo Tree at the northwest corner at River Oaks Ave.	EACH	\$614.00	1	\$614.00		\$ -		\$ -	1.00	\$614.00				
B-011	24" tree removal of the pine trees at the northwest corner at River Oaks Ave.	EACH	\$2,000.00	2	\$4,000.00		\$ -		\$ -	2.00	\$4,000.00				
B-012	Perform all work required for the construction of all required drop inlets, all bends and fittings, and related outfall pipes at River Oaks Ave.	LS	\$18,200.00	1	\$18,200.00		\$ -		\$ -	1.00	\$18,200.00				
B-013	Install and removal of temporary coffer dams at River Oaks Ave.	EACH	\$11,150.00	2	\$22,300.00		\$ -		\$ -	2.00	\$22,300.00				
C-001	Perform all work required for the installation of the signage, barricades, and provide full time flag person to control the traffic on Primrose at Oak Lane	LS	\$13,000.00	1	\$13,000.00		\$ -		\$ -	1.00	\$13,000.00				
C-002	Perform all work required for the construction layout at Oak Lane	LS	\$1,000.00	1	\$1,000.00		\$ -		\$ -	1.00	\$1,000.00				
C-003	Perform all work required for the installation of the 14'10" X 4'10" Aluminum Arch Culvert at Oak Lane	LF	\$3,182.00	42	\$133,644.00		\$ -		\$ -	42.00	\$133,644.00				
C-004	Perform all work required for relocation of the waterline at Oak Lane. Marked as "waterline adjustment at Oak Lane"	LS	\$8,000.00	1	\$8,000.00		\$ -		\$ -	1.00	\$8,000.00				
C-005	Perform all work required for the relocation of the 6" sewer force main at Oak Lane	LS	\$10,000.00	1	\$10,000.00		\$ -		\$ -	1.00	\$10,000.00				
C-006	Perform all work required for the installation of the concrete cloth at Oak Lane	LS	\$16,000.00	1	\$16,000.00	1	\$ (16,000.00)			0.00	\$0.00			\$16,000.00	
C-007	Perform all work required to remove/replace the existing concrete drives at Oak Lane	CY	\$300.00	14	\$4,200.00		\$ -	3.5	\$1,050.00	17.50	\$5,250.00	\$1,050.00			
C-008	Perform all work required to install the new 4"asphaltic roadway (2"base course/2" wearing course) at Oak Lane	TON	\$500.00	40	\$20,000.00		\$ -	1.71	\$855.00	41.71	\$20,855.00	\$855.00			
C-009	Excavation and fill cost required for all temporary turn around areas at Oak Lane. Fill material shall be 610 crushed limestone.	LS	\$11,000.00	1	\$11,000.00		\$ -		\$ -	1.00	\$11,000.00				
C-010	Installation of the 610 limestone required for the road maintenance at Oak Lane	LS	\$13,000.00	1	\$13,000.00		\$ -		\$ -	1.00	\$13,000.00				
C-011	Perform all work required for the construction of the A-200 pipe bends, flap, and drop inlet for the outfall pipes at Oak Lane	LS	\$18,000.00	1	\$18,000.00		\$ -		\$ -	1.00	\$18,000.00				
C-012	Install and removal of temporary coffer dams at Oak Lane	EACH	\$6,000.00	2	\$12,000.00		\$ -		\$ -	2.00	\$12,000.00				
D-001	Perform all work required for the installation of the signage, barricades, and provide full time flag person to control the traffic on Primrose at Diane Drive	LS	\$13,000.00	1	\$13,000.00		\$ -		\$ -	1.00	\$13,000.00				
D-002	Perform all work required for the construction layout at Diane Drive	LS	\$1,000.00	1	\$1,000.00		\$ -		\$ -	1.00	\$1,000.00				
D-003	Perform all work required for the installation of the 26'7" X 5'5" aluminum arch culvert at Diane Drive	LF	\$5,980.00	66	\$394,680.00		\$ -		\$ -	66.00	\$394,680.00				
D-004	Perform all work required for the construction of the manufactured soil bags at Diane Drive	LF	\$250.00	100	\$25,000.00		\$ -	1	\$ (25,000.00)	0.00	\$0.00			\$25,000.00	
D-005	Perform all work required for the relocation of the waterline at Diane Drive. Marked as "waterline adjustment at Diane Drive"	LS	\$11,000.00	1	\$11,000.00		\$ -		\$ -	1.00	\$11,000.00				
D-006	Perform all work required for all required drop inlets, all bends and fittings, and related outfall pipes at Diane Drive	LS	\$1,000.00	1	\$1,000.00		\$ -		\$ -	1.00	\$1,000.00				
D-007	Perform all work required for the installation of the concrete cloth at Diane Drive	LS	\$17,000.00	1	\$17,000.00	1	\$ (17,000.00)			0.00	\$0.00			\$17,000.00	
D-008	Perform all work required to install the new 4"asphaltic roadway (2"base course/2" wearing course) at Diane Drive	TON	\$500.00	40	\$20,000.00		\$ -	1.71	\$855.00	41.71	\$20,855.00	\$855.00			
D-009	Installation of the 610 limestone required for the road maintenance at Diane Drive	LS	\$8,000.00	1	\$8,000.00		\$ -		\$ -	1.00	\$8,000.00				
D-010	The removal of 8" Tallo trees in the canal at Diane Drive	EACH	\$1,600.00	2	\$3,200.00		\$ -		\$ -	2.00	\$3,200.00				
D-011	The removal of the 10" Oak tree in the northwest corner at Diane Drive	EACH	\$1,900.00	1	\$1,900.00		\$ -		\$ -	1.00	\$1,900.00				
D-012	The removal of the 18" Willow tree in the canal at Diane Drive	EACH	\$3,000.00	1	\$3,000.00		\$ -		\$ -	1.00	\$3,000.00				
D-013	30" Oak tree removal in the southeast corner at Diane Drive	EACH	\$4,000.00	1	\$4,000.00		\$ -		\$ -	1.00	\$4,000.00				
D-014	Install and removal of temporary coffer dams at Diane Drive	EACH	\$6,000.00	2	\$12,000.00		\$ -		\$ -	2.00	\$12,000.00				
E-001	Perform all work required for the installation of the signage, barricades, and provide full time flag person to control the traffic on Primrose at Lagattuta Blvd.	LS	\$13,000.00	1	\$13,000.00		\$ -		\$ -	1.00	\$13,000.00				
E-002	Perform all work required for the construction layout at Lagattuta Blvd.	LS	\$1,000.00	1	\$1,000.00		\$ -		\$ -	1.00	\$1,000.00				
E-003	Perform all work required for the installation of the 26'7" X 5'5" aluminum arch culvert at Lagattuta Blvd.	LF	\$5,354.00	82	\$439,028.00		\$ -		\$ -	82.00	\$439,028.00				
E-004	Perform all work required for the relocation of the waterline at Diane Drive. Marked as "waterline adjustment at Lagattuta Blvd."	LS	\$11,000.00	1	\$11,000.00		\$ -		\$ -	1.00	\$11,000.00				
E-005	Perform all work required for the installation of the concrete cloth at Lagattuta Blvd.	LS	\$18,000.00	1	\$18,000.00	1	\$ (18,000.00)			0.00	\$0.00			\$18,000.00	
E-006	Perform all work required for all required drop inlets, all bends and fittings, and related outfall pipes at Lagattuta Blvd.	LS	\$1,000.00	1	\$1,000.00		\$ -		\$ -	1.00	\$1,000.00				
E-007	Perform all work required to install the new 4"asphaltic roadway (2"base course/2" wearing course) at Lagattuta Blvd.	TON	\$500.00	85	\$42,500.00		\$ -	13.12	\$6,560.00	98.12	\$49,060.00	\$6,560.00			
E-008	Installation of the 610 limestone required for the road maintenance at Lagattuta Blvd.	LS	\$12,000.00	1	\$12,000.00		\$ -		\$ -	1.00	\$12,000.00				
E-009	Perform all work required to install the barrier curb at Lagattuta Blvd.	LF	\$23.00	100	\$2,300.00		\$ -	54.5	\$1,253.50	154.50	\$3,553.50	\$1,253.50			
E-010	The removal of the 10" tree in the canal at the southwest corner at Lagattuta Blvd.	EACH	\$1,700.00	1	\$1,700.00		\$ -		\$ -	1.00	\$1,700.00				
E-011	Remove the 12" Japanese Pear tree at Lagattuta Blvd. and replace it with a new Japanese Pear tree	EACH	\$1,700.00	2	\$3,400.00		\$ -		\$ -	2.00	\$3,400.00				
E-012	Install and removal of temporary coffer dams at Lagattuta Blvd.	EACH	\$6,000.00	2	\$12,000.00		\$ -		\$ -	2.00	\$12,000.00				
F-001	Perform all work required for slab sodding to be constructed throughout the project as directed by the Owner	SY	\$10.00	200	\$2,000.00		\$ -	200	\$ (2,000.00)	0.00	\$0.00			\$2,000.00	
F-002	Perform all work required for Hydrosedding to be constructed throughout the project as directed by the Owner	SY	\$9.00	200	\$1,800.00		\$ -	200	\$ (1,800.00)	0.00	\$0.00			\$1,800.00	
F-003	Install and removal of the Project Sign at the jobsite	LS	\$1,200.00	1	\$1,200.00		\$ -		\$ -	1.00	\$1,200.00				
F-004	Perform all work required to remove trees as needed with a trunk size 4-12 inches in diameter where not described in the plans and specifications as directed by Owner	EACH	\$1,900.00	1	\$1,900.00		\$ -	1	\$ (1,900.00)	0.00	\$0.00			\$1,900.00	
F-005	Perform all work required to remove trees as needed with a trunk size 13-32 inches in diameter where not described in the plans and specifications as directed by Owner	EACH	\$4,000.00	1	\$4,000.00		\$ -	1	\$ (4,000.00)	0.00	\$0.00			\$4,000.00	
R-001	Relocation of Infrastructure. Refer to Division 10100 for Item description.	LS	\$100,000.00	1	\$100,000.00		\$ -	1	\$ (100,000.00)	0.00	\$0.00			\$100,000.00	
CO1	Install Concrete Head walls and Concrete Wing Walls including erosion control material	LS	\$281,625.91			1	\$281,625.91			1.00	\$281,625.91				\$281,625.91
CO2	Foundation Modification at Lagattuta and Diane	LS	\$60,047.90					1	\$60,047.90	1.00	\$60,047.90				\$60,047.90
TOTALS:					\$1,999,453.40		\$198,625.91		\$ (58,072.46)		\$2,140,006.85	\$16,879.64	(\$300.00)	(\$217,700.00)	\$341,673.81

RESULTING COST INCREASE TO ST. CHARLES PARISH

\$2,140,006.85

7.03% of Base Bid

Original Contract amount	\$1,999,453.40
After Change Order 1	\$2,198,079.31
After Change Order 2	\$2,140,006.85
Net Increase Total Project	\$140,553.45

SECTION 00805

WORK CHANGE DIRECTIVE

No. 1

DATE OF ISSUANCE June 24, 2015 EFFECTIVE DATE June 24, 2015

Owner: St. Charles Parish Government
Contractor: Fleming Construction Company, LLC
Contract: Primrose Ellington Canal Culvert Replacement
Project: Primrose Ellington Canal Culvert Replacement
Owner's Contract No.: P090201-3 Engineer's Contract No.: 0908
ENGINEER: Professional Engineering and Environmental Consultants, Inc.

Contractor is directed to proceed promptly with the following change(s):

Description: To install additional foundation material under the culverts as modified by the geotechnical firm and drawn by PEEC.

Attachments: (List documents supporting change) see attached letter dated May 29, 2015 by Fleming (As modified by the engineer) and drawings prepared by PEEC dated May 27, 2015.

Purpose for Work Change Directive:

Directive to proceed promptly with the Work described herein, prior to agreeing to changes on Contract Price and Contract Time, is issued due to: (check one)

- Non-agreement on pricing of proposed change.
- Necessity to proceed for schedule or other project reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ 60,047.90 Increase

Contract Time 11 days Increase

Basis of estimated change in Contract Price:

- Lump Sum
- Unit Price
- Cost of the Work
- Other (Per Attached cost breakdown by Fleming)

Recommended: Limited Authorization By*: Received:
By: MO Sahil By: Sam Scholle By: [Signature]
Engineer (Authorized Signature) Owner's Representative* Contractor (Authorized Signature)
Title: Principal, Engineer Title: Director Public Works Title: MEMBER
Date: 6/24/15 Date: 6-25-15 Date: 6-25-2015

*Owner's Representative is not authorized to finalize a Change Order nor does the Work Change Directive substitute the Change Order process as more fully set out in the General Conditions of the Construction Contract.

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____



FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

May 29, 2015

Mr. Mo Saleh
PEEC, Inc.
1065 Muller Parkway, Suite B
Westwego, La. 70094

Re: Primrose(Ellington Canal) Drainage Improvements, Box Culvert Replacement

Dear Mr. Saleh,

Please find attached cost breakdown to furnish all necessary labor, equipment and materials to deepen the bedding depth for both Lagattuta & Diane per PEEC drawing dated May 27, 2015. The total cost to perform added work:

Lagattuta: \$ 60,873.00 - 24,074.87 = \$ 36,798.51 } Total = \$ 60,047.90
Diane: \$ 23,249.33 = \$ 23,249.33 } *Mr. Saleh*

We have attached a breakdown for your review. Also to be inclusive with this added work, will be 21 days for time extensions for the delay & extra work. Please advise as soon as possible.

Sincerely,


Steve Freeman

Cc: Mr. Joe Malley, Fleming Construction
Mr. Rusty Loveless, Fleming Construction

Total equipment for added bedding 3532.32

Material:			
#57 limestone	34.84 x	305 tns	10,626.20
geo grid	1.30 x	850 sy	1,105.00
sand	10.70	0 cys	0.00
Fabric	0.62 x	0 sy	0.00
			11,731.20
	11,731.20 x	11.5% OH/PROFIT	1,349.09
		Total added 57 Stone, geogrid	13,080.29

Production:

L & E		
Material	-	47,793.16
	-	13,080.29

Total add at Laguna 60,873.44

← 24,074.57
\$ 36,798.57 approved
 MWF-Jab

Install additional bedding for Diane Dr. 245 tons +/-

LABOR:	Rate	Fringes	tax & ins.	60.00
1 - Foreman	40.00 x	"	20.00 =	60.00
1 - Operators	25.00 x	0.00 =	12.50 =	37.50
3 - Laborers	16.00 x	0.00 =	8.00 =	72.00
	169.50 x	20 hrs	3,390.00	169.50
		11.5% OH/PROFIT	"	525.45
		Total Labor for added bedding		3,915.45

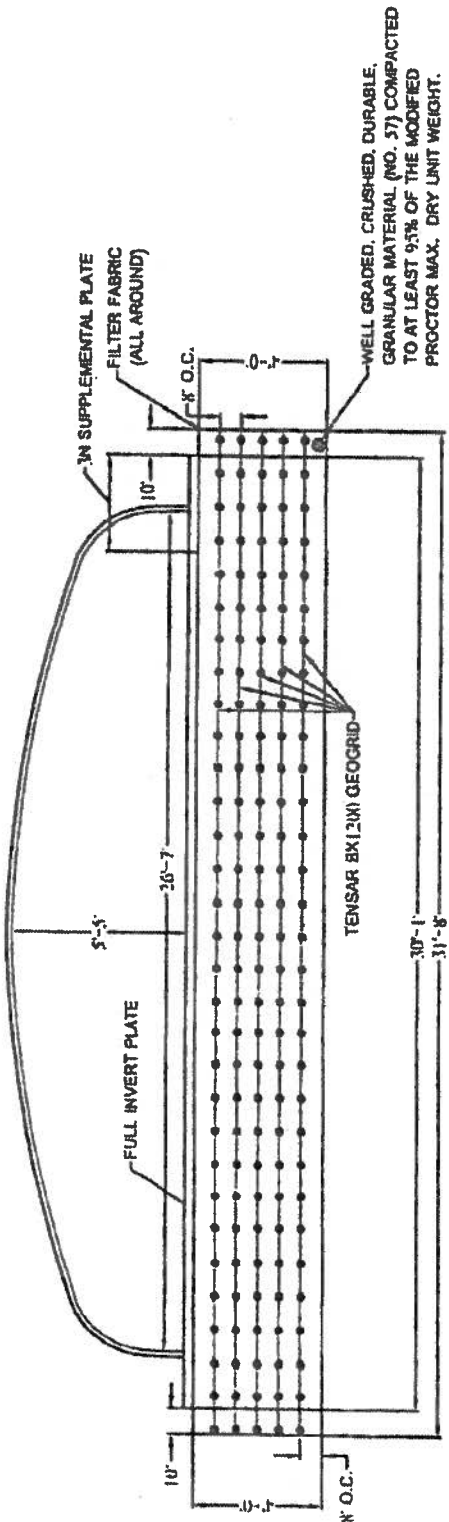
EQUIPMENT:	Rate	hrs	182.16	
1 Long reach excavator	39.60 x	20 hrs.	792.00	
1 200 Excavator	39.60 x	20 hrs.	792.00	
	1584.00		1584.00	
		11.5% OH/PROFIT	"	182.16
		Total equipment for added bedding		1,766.16

Material:	Rate	Material	5,831.80	
#57 limestone	34.84 x	145 tons	5,051.80	
geo grid	1.30 x	600 sy	780.00	
sand	10.70	0 cys	0.00	
Fabric	0.62 x	0 SY	0.00	
			5,831.80	
		11.5% OH/PROFIT	"	670.66
		Total added 57 Stone, geogrid		6,502.46

L & E
 Material-----
 Total add at Diane Drive

18,746.87
 8,802.48
 23,248.33

[Handwritten signature]



TYPICAL SECTION
R.T.S.

DRAWN FOR: ST. CHARLES PARISH	ELLINGTON CANAL CULVERT REPLACEMENT		FILE NAME: ELLINGTON CULVERTS
	DATE: MAY 27, 2015	REV. NO.	 PROFESSIONAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC. ENGINEERS, PLANNERS AND ENVIRONMENTAL CONSULTANTS 1086 Muller Parkway, Suite B, Westwego, LA 70084
SHEET 1 OF 1	FOUNDATION DETAIL FOR LAGATUTTA & DIANE		