

*Ord.*

**2015-0103**

**INTRODUCED BY: V.J. ST. PIERRE, JR., PARISH PRESIDENT  
(DEPARTMENT OF PUBLIC WORKS)**

**ORDINANCE NO. 15-4-5**

An ordinance approving and authorizing the execution of Change Order No. 1 for Parish Project No P111002-15, Road Maintenance 2014, to balance the contract quantities with actual quantities resulting in an increase of \$130,114.19 and a decrease in time of sixteen (16) days.

**WHEREAS,** Ordinance No. 14-10-8 adopted October 6, 2014 by the St. Charles Parish Council awarded construction of Parish Project No P111002-15, Road Maintenance 2014, to Barriere Construction Co, LLC; and,

**WHEREAS,** it is necessary to amend the contract to adjust the original contract quantities with actual quantities resulting in an increase to the contract amount by \$130,114.19 and in decrease in time of sixteen (16) days.

**THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:**

**SECTION I.** That Change Order No. 1 for Parish Project No. P111002-15, Road Maintenance 2014, to increase the contract amount by \$130,114.19 and decrease the time by sixteen (16) days is hereby approved and accepted.

**SECTION II.** That the Parish President is hereby authorized to execute said Change Order on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: SCHEXNAYDRE, LEWIS, WILSON, WOODRUFF, BENEDETTO, HOGAN,  
COCHRAN, FISHER-PERRIER  
NAYS: NONE  
ABSENT: FLETCHER

And the ordinance was declared adopted this 6th day of April, 2015, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: \_\_\_\_\_  
SECRETARY: \_\_\_\_\_  
DLVD/PARISH PRESIDENT: 4/8/15  
APPROVED: \_\_\_\_\_ DISAPPROVED: \_\_\_\_\_  
PARISH PRESIDENT: [Signature]  
RETD/SECRETARY: 4/8/15  
AT: 2:15 pm RECD BY: [Signature]

RECORDED IN THE ST. CHARLES PARISH  
CLERK OF COURT OFFICE  
ON April 9, 2015  
AS ENTRY NO. 404850  
IN MORTGAGE/CONVEYANCE BOOK  
NO. 1612 FOLIO 431

REFERENCE  
Ord. 14-10-8  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SECTION 00806**

**CHANGE ORDER**

No. 1

DATE OF ISSUANCE March 10, 2015

EFFECTIVE DATE \_\_\_\_\_

OWNER St. Charles Parish

CONTRACTOR Barriere Construction Co., L.L.C.

Contract: 2014 Road Maintenance Program

Project: Road Maintenance 2014

OWNER's Contract No. P111002-15 ENGINEER's Project No. 51.2060105.015

ENGINEER GEC, Inc.

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

**Description:** *See attached example on how to fill in this information*

1. Delete the Following Work Items:

- a. Base Bid Item #7: *Adjustment of Drainage Structures*  
Delete item in its entirety. (- \$400.00)
- b. Base Bid Item #8: *Adjustment of Water Valves*  
Delete item in its entirety. (- \$280.00)
- c. Base Bid Item #9: *Relocation of Infrastructure Items*  
Delete item in its entirety. (- \$20,000.00)
- d. Base Bid Item #11: *Shoulder Material (Stone Fill)*  
Delete item in its entirety. (- \$16,232.00)
- e. Base Bid Item #12: *Shoulder Material (Reclaimed Material)*  
Delete item in its entirety. (- \$12,174.00)
- f. Alternate Bid Item #7: *Adjustment of Drainage Structures*  
Delete item in its entirety. (- \$450.00)
- g. Alternate Bid Item #10: *Shoulder Material (Stone Fill)*  
Delete item in its entirety. (- \$18,136.00)

Total of Deduction of Items = (- \$67,672.00)

2. Add the Following Work Items:

- a. Base Bid Item #14: *Striping*  
Addition of \$ 5,032.50 (L.S.). See attached cost estimate for details.
- b. Base Bid Item #15: *Closing abandoned pipe with flowable fill*  
Addition of \$ 1,359.44 (L.S.). See attached cost estimate for details.

Total of Added Work Items = (+ \$6,391.94)

3. Revise the Following Work Item Quantities:

- a. Base Bid Item #2:            2 - Inch Depth Cold Plane  
The quantity is to be changed to 32,971 SY. (+ \$ 22.00)
- b. Base Bid Item #3:            2 - Inch Depth Asphaltic Wearing Course  
The quantity is to be changed to 4,075 TONS. (+ \$ 41,492.00)
- c. Base Bid Item #4:            6 - Inch Depth Asphalt Patching  
The quantity is to be changed to 444 SY. (- \$ 250.00)
- d. Base Bid Item #5:            Reflectorized Raised Pavement Markers  
The quantity is to be changed to 3 EACH. (+ \$ 18.00)
- e. Base Bid Item #6:            Adjustment of Manholes  
The quantity is to be changed to 4 EACH. (- \$ 400.00)
- f. Base Bid Item #10:           Shoulder Material (Earthen Fill)  
The quantity is to be changed to 26,830 L.F. (+ \$ 23,392.50)
- g. Alternate Bid Item #2:       2 - Inch Depth Cold Plane  
The quantity is to be changed to 43,546 SY. (+ \$ 5,061.00)
- h. Alternate Bid Item #3:       2 - Inch Depth Asphaltic Wearing Course  
The quantity is to be changed to 5,150 SY. (+ \$ 84,364.00)
- i. Alternate Bid Item #4:       6 - Inch Depth Asphalt Patching  
The quantity is to be changed to 940 SY. (+ \$ 24,125.00)
- j. Base Bid Item #5:            Reflectorized Raised Pavement Markers  
The quantity is to be changed to 3 EACH. (+ \$ 18.00)
- k. Alternate Bid Item #6:       Adjustment of Manholes  
The quantity is to be changed to 13 EACH. (+ \$ 400.00)
- l. Alternate Bid Item #8:       Adjustment of Water Valves  
The quantity is to be changed to 6 EACH. (- \$ 105.00)
- m. Alternate Bid Item #9:       Shoulder Material (Earthen Fill)  
The quantity is to be changed to 27,195 L.F. (+ \$ 22,658.75)
- n. Alternate Bid Item #9:       Shoulder Material (Reclaimed Material)  
The quantity is to be changed to 2,800 L.F. (- \$ 9,402.00)

Total of Change in Work Items Quantity = (+ \$ 191,394.25)

**Reason for Change Order:**

- 1. Deleted Work Items
  - a. The Adjustment of Drainage Structures (base bid) item was estimated on the total length of the project prior to bid, but was not required during construction.
  - b. The Adjustment of Water Valves (base bid) item was estimated on the total length of the project prior to bid, but was not required during construction.

- c. The Relocation of Infrastructure (base bid) item was included to relocate utility structures should they have been found during construction. There were no utility structures found, therefore this item was not required.
- d. The Stone Fill Shoulder Material (base bid) item was estimated on the total length of the project prior to bid, but was not required during construction. The earthen fill shoulder material was used in most of the areas where this item was estimated to have been used.
- e. The Reclaimed Material Shoulder Material (base bid) item was estimated on the total length of the project prior to bid, but was not required during construction. The earthen fill shoulder material was used in most of the areas where this item was estimated to have been used.
- f. The Adjustment of Drainage Structures (alternate bid) item was estimated on the total length of the project prior to bid, but was not required during construction.
- g. The Stone Fill Shoulder Material (alternate bid) item was estimated on the total length of the project prior to bid, but was not required during construction. The earthen shoulder material was used in most of the areas where this item was estimated to have been used.

## 2. Add Work Items

- a. Striping of the roadway was not included in the bid documents. Spruce St. had a crosswalk at the intersection of 5<sup>th</sup> St., so this item will put the crosswalk back into place. Oak Lane was added to this project, and requires a double yellow stripe and a stop bar at the intersection of Highway 90. This also includes crosswalk striping at the intersection of Pine St., which was not striped in last year's program.
- b. An abandoned pipe was found underneath the roadway of W. Pine St. To keep the pipe from deteriorating and collapsing, which would cause issues for the roadway right above it, the Parish requested that the pipe be filled with a material that will harden and would prevent the roadway issue.

## 3. Revise Work Item Quantities

- a. There was an additional 22 square yards of cold planning that took place. This is a 0.07% increase, and is most likely due to the bid quantities being estimated prior to the construction.
- b. The wearing course increase of 451 tons is due to the bid quantities being estimated prior to construction and added quantity to assist in drainage. Some areas would hold water had only 2 inches been placed, so the contractor increased the thickness to promote positive drainage where needed. Wearing course was also used to create aprons for drainage structures and driveways (when aprons were required).
- c. The removal of 2 square yards for 6 inch patching is a result of the construction quantity differing by 0.5% of the estimated quantity.
- d. The reflectorized raised pavement markers were estimated on total length of project prior to bid, but quantities from construction required this item to be increased by 3.
- e. The adjustment of manholes was estimated on total length of project prior to bid, but quantities from construction resulted in a decrease of 4 manholes.
- f. Of all 3 shoulder material contract items, the earthen material was almost exclusively used in this project. The estimated quantities for the 3 different shoulder materials were broken down evenly for each of the items; the stone item was not used and the reclaimed asphalt was used on only 2 streets.

- g. There was an additional 5,061 square yards of cold planning that took place, most likely do to the bid quantities being estimated prior to the construction and from Oak Lane being added to this project. The added quantity is a 13.15% increase.
- h. The wearing course increase of 917 tons has multiple reasons for being increased. The bid quantities being estimated prior to construction and added quantity to assist in drainage are 2 of the reasons why there is such a large increase. Some areas would hold water had only 2 inches been placed, so the contractor increased the thickness to promote positive drainage where needed. The third reason for the high increase is from Oak Ln. being added to the project.
- i. Patching quantities were increased mostly from Oak Lane being added to the project and for the work done on Hale St. that was not covered under the warranty work from the 2014 project.
- j. The reflectorized raised pavement markers were estimated on total length of project prior to bid, but quantities from construction required this item to be increased by 3.
- k. The additional 4 manholes that required adjustment is due to the bid quantities being estimated prior to construction. The result is a \$400 increase to the contract amount.
- l. The adjustment of water valves was estimated on total length of project prior to bid, but quantities from construction resulted in a decrease of 4 manholes.
- m. As mentioned above in part 3-d, the earthen material was almost exclusively used in this project. The estimated quantities for the 3 different shoulder materials were broken down evenly for each of the items; the stone item was not used and the reclaimed asphalt was used on only 2 streets.
- n. Only 2 streets used reclaimed material as shoulder material. The remaining areas that required shoulder material was addressed with earthen fill shoulder material.

**Attachments:**

Striping breakdown

Southern Synergy Estimate

Barriere email with Southern Synergy estimate and mark-up percentage

Breakdown for adding flowable fill

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>1,265,580.00</u>
Net Increase (Decrease) from previous Change Orders No. <u>-</u> to <u>-</u> : \$ <u>0.00</u>
Contract Price prior to this Change Order: \$ <u>1,265,580.00</u>
Net increase of this Change Order: \$ <u>130,114.19</u>
Contract Price with all approved Change Orders: \$ <u>1,395,694.19</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: 90 Days Notice to Proceed Date: <u>November 10, 2014</u> Project Completion Date: <u>February 7, 2015</u>
<del>Net change from previous Change Orders No. <u>-</u> to No. <u>-</u>: Substantial Completion: _____ Ready for final payment: _____ (days)</del>
<del>Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days or dates)</del>
Net decrease from this Change Order: Project Completion Date: <u>February 7, 2015</u> Substantial Completion: <u>January 22, 2015</u> (-16 days)
Contract Times with all approved Change Orders: Notice to Proceed Date: <u>November 10, 2014</u> Substantial Completion: <u>January 22, 2015</u> (76 days)

RECOMMENDED:

By: Aid Inouard  
ENGINEER (Authorized Signature)

Date: 03/10/15

APPROVED:

By: [Signature]  
OWNER (Authorized Signature)

Date: 4/8/15

ACCEPTED:

By: [Signature]  
CONTRACTOR (Authorized Signature)

Date: 3/10/2015

RECORDED IN THE ST. CHARLES PARISH  
CLERK OF COURT OFFICE  
ON April 9, 2015  
AS ENTRY NO. 404850  
IN MORTGAGE/CONVEYANCE BOOK  
NO. 1412 FOLIO 431

<u>Item</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Quantity</u>	<u>Amount</u>
Plastic Pavement Striping (4" Width)	Lin. Ft.	\$ 5.00	166	\$ 830.00
Plastic Pavement Striping (12" Width)	Lin. Ft.	\$ 3.00	75	\$ 225.00
Plastic Pavement Striping (24" Width)	Lin. Ft.	\$ 15.00	18	\$ 270.00
Mobilization	Each	\$ 3,250.00	1	\$ 3,250.00
				<i>Sub-Total</i> \$ 4,575.00
10% Contractor Mark-up				\$ 457.50
				<b>Total</b> \$ 5,032.50



**Southern Synergy LLC**  
 1105 Bert St.  
 Laplace, LA 70068  
 985-359-9953  
 504-617-6247  
 A DBE Company

# Estimate

DATE	ESTIMATE #
11/18/2014	2407

BILL TO
Barriere Construction Co. PO Box 1576 Boutte, LA 70039 United States

ITEM	DESCRIPTION	QTY	RATE	TAX	AMOUNT
Project	Oak Lane St. Charles Parish	1	0.000		0.000
*****	Southern Synergy LLC will furnish materials and labor for the completion of the quote.	1	0.000		0.000
++	The work will be performed in accordance with DOTD Manual. Quote are good for 30 days. Southern Synergy is not responsible for layout for any other party	1	0.000		0.000
727-01-00100	Mobilization	1	3,250.000		3,250.000
732-01-01000	Plasitic Pavement Striping (4" Width)(Thermoplastic 90 mil) LNFT	164	5.000		820.000
732-01-02080	Plastic Pavement Striping (24" Width) (Thermoplastic 125 mil) LNFT	20	15.000		300.000
Subtotal					4,370.000
0.000% Tax					0.000
Total					4,370.000



## Gavin Gillen

---

**From:** Dawn D'Angelo <DawnD@Barriere.com>  
**Sent:** Tuesday, December 16, 2014 4:10 PM  
**To:** Gavin Gillen  
**Subject:** Fwd: Striping

Gavin,

Lam is out of the office so he sent his add on per email. It will give you what you need to do the plan change. Just add the 10%.

Sincerely,

Dawn

Sent from my iPhone

Dawn D'Angelo

Begin forwarded message:

**From:** southern synergy  
<[southern synergy@southern synergyllc.com](mailto:southern synergy@southern synergyllc.com)<<mailto:southern synergy@southern synergyllc.com>>>  
**Date:** December 16, 2014, 4:01:06 PM CST  
**To:** Dawn D'Angelo <[DawnD@Barriere.com](mailto:DawnD@Barriere.com)<<mailto:DawnD@Barriere.com>>>  
**Subject:** RE: Fwd: Striping

Hi dawn, ~~It is \$3 per Inft for 12 inch and \$5 post Inft for 18 inch~~ Thanks

Sent via the Samsung Galaxy Mega™, an AT&T 4G LTE smartphone

----- Original message -----

**From:** Dawn D'Angelo  
**Date:** 12/15/2014 8:08 AM (GMT-06:00)  
**To:** Nguyen Lam  
**Subject:** Fwd: Striping

This will be added to the quote you already gave me for striping. Please revise your quote.

Thanks

Sent from my iPhone

Dawn D'Angelo

Begin forwarded message:

From: Gavin Gillen <ggillen@gecinc.com<mailto:ggillen@gecinc.com><mailto:ggillen@gecinc.com>>  
Date: December 15, 2014, 8:02:31 AM CST  
To: Dawn D'Angelo <DawnD@Barriere.com<mailto:DawnD@Barriere.com><mailto:DawnD@Barriere.com>>  
Subject: Striping

Dawn,

I don't know if you saw in earlier emails, but we are going to have to put striping down for crosswalks on Spruce St. and Pine St. (which was actually done in last year's program). Can you provide a price for doing 12" white thermoplastic striping for lengths of 20' and 18' for Pine and two 18' stripes for Spruce (total of 74 linear feet)?

I'm not sure if you can combine this with the striping quote for Oak Lane. Either way works for me.

Thanks!

Sincerely,

Gavin D. Gillen, P.E. | Project Manager  
G.E.C., Inc.  
Office: (504) 838-6009 | Cell Phone: (504) 237-9697 | Fax: (504)  
218-7229  
Email: [GGillen@gecinc.com](mailto:GGillen@gecinc.com)<mailto:GGillen@gecinc.com><mailto:GGillen@gecinc.com>

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

From: Dawn D'Angelo [<mailto:DawnD@Barriere.com>]  
Sent: Tuesday, November 18, 2014 11:09 AM  
To: Gavin Gillen  
Subject: Oak Lane Striping

Gavin,

~~If this is approved, just add our 10% and process a change order.~~

Sincerely,

Dawn

The information in this email and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies on your systems and notify the sender immediately. You should not retain, copy, or use this email for any purpose, nor disclose all or any part of its content to any other person.

The information in this email and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies on your systems and notify the sender immediately. You should not retain, copy, or use this email for any purpose, nor disclose all or any part of its content to any other person.

The information in this email and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies on your systems and notify the sender immediately. You should not retain, copy, or use this email for any purpose, nor disclose all or any part of its content to any other person.

Breakdown For Adding Flowable Fill:

State Project No. 2014 St. Charles Streets

St. Charles Parish

Base Labor

<i>Classification</i>	<i>Number</i>	<i>Days</i>	<i>10-hour Daily Rate</i>	<i>Total</i>
Working Foreman	1	0.50	\$434.75	\$217.38
Heavy Operator	1	0.50	\$301.13	\$150.57
Craftsman	2	0.50	\$220.69	\$220.69
				<u>\$588.63</u>
Public Liability Insurance (12%)				\$70.64
Bond (4%)				\$23.55
FICA/FUTA/SUTA (8.5%)				\$50.03
Workers Comp (12%)				\$70.64
Fringes (12%)				\$70.64
<b>Bond, Insurance, Taxes</b>				<u>\$285.49</u>
<b>Labor, Bond, Insurance and Taxes</b>				<b>\$874.12</b>
<b>15% Markup Allowed</b>				<b>\$131.12</b>

**TOTAL LABOR \$1,005.23**

Material

	<i>Amt</i>	<i>Units</i>	<i>Unit Price</i>	<i>Total</i>
Flowable Fill	3	CY	\$102.67	\$308.01
<b>15% Markup Allowed</b>				<b>\$46.20</b>

**TOTAL OTHER \$354.21**

Equipment

	<i>Amt</i>	<i>Days</i>	<i>10 hour Day Rate</i>	<i>Total</i>
Ford Pickup (Foreman)	0	0.00	\$40.00	\$0.00

**TOTAL EQUIPMENT \$0.00**

Subcontractor

	<i>Amt</i>	<i>Units</i>	<i>Unit Price</i>	<i>Total</i>
Lowboy	0	DY	\$900.00	\$0.00
Trucking- Triaxle	0	DY	\$650.00	\$0.00
				<u>\$0.00</u>

**10% Markup Allowed \$0.00**

**TOTAL SUBCONTRACTOR \$0.00**

**GRAND TOTAL: \$1,359.44**

**Unit Price 1 LS \$1,359.44**