

SECTION 00806
CHANGE ORDER

No. 2

DATE OF ISSUANCE _____

EFFECTIVE DATE _____

OWNER St. Charles Parish

CONTRACTOR Barriere Construction Co., LLC

Contract: Ormond Blvd. Pavement Rehab

Project: Ormond Bld. Pavement Rehab

OWNER's Contract No. P11102-13

ENGINEER's Contract No. 0051.2060105.013

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. Contract Item 0014: *Temporary Pavement Markings (Solid Line)(4" Width)*
Delete Item in its entirety. (-\$ 5,005.20)
- b. Contract Item 0016: *Temporary Pavement Legends & Symbols (ONLY)*
Delete Item in its entirety. (-\$ 180.00)
- c. Contract Item 0036: *Saw Cutting Asphaltic Concrete Pavement Over Portland Cement Concrete Pavement*
Delete Item in its entirety. (-\$ 3,377.00)

Total of Deducted Items = (-\$8,562.20)

2. Add the Following Work Items:

- a. New Contract Item 0800: *Asphalt Price Adjustment*
Addition of -23,441.82 EACH (-\$23,441.82)
- b. New Contract Item 0802: *Striping Reflectivity Pay Bonus*
Addition of 2,324.14 EACH (\$2,324.14)

Total of Added Work Items = (-\$21,117.68)

3. Revise the Following Work Item Quantities:

- a. Contract Item 0001: *Superpave Asphaltic Concrete*
The quantity is to be changed to 6,636.68 TON. (-\$ 3,393.00). Decrease of 45.24 TON.
- b. Contract Item 0002: *Superpave Asphaltic Concrete, Drives, Turnouts and Miscellaneous*
The quantity is to be changed to 511.80 TON. (+\$ 5,780.25). Increase of 77.07 TON.
- c. Contract Item 0008: *Full Depth Patching of Jointed Concrete Pavement (48.1 square yards and over)(9" Thick)*
The quantity is to be changed to 3,337.74 SQYD. (+\$ 36,864.00). Increase of 368.64 SQYD.
- d. Contract Item 0010: *Concrete Curb (Mountable)*
The quantity is to be changed to 863.50 LNFT. (-\$ 2,024.04). Decrease of 168.67 LNFT.

- e. Contract Item 0012: *Temporary Pavement Markings (24" Width)*
The quantity is to be changed to 94 LNFT. (-\$ 30.75). Decrease of 41.00 LNFT.
- f. Contract Item 0015: *Temporary pavement Legends & Symbols (Arrow)*
The quantity is to be changed to 5 EACH. (-\$ 150.00). Decrease of 3 EACH.
- g. Contract Item 0017: *Temporary Pavement Legends & Symbols (RR Crossing)*
The quantity is to be changed to 4 EACH. (-\$ 240.00). Decrease of 3 EACH.
- h. Contract Item 0018: *Slab Sodding (Bermuda Grass)*
The quantity is to be changed to 600 SQYD. (-\$ 1,050.00). Decrease of 150 SQYD.
- i. Contract Item 0020: *Reflectorized Raised Pavement Markers*
The quantity is to be changed to 57 EACH. (-\$ 700.00). Decrease of 14 EACH.
- j. Contract Item 0021: *Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 125 mil)*
The quantity is to be changed to 12,882.5 LNFT. (-\$ 4,702.75). Decrease of 3,617.50 LNFT.
- k. Contract Item 0022: *Plastic Pavement Striping (8" Width)(Thermoplastic 125 mil)*
The quantity is to be changed to 2,738 LNFT. (+\$ 13,846.00). Increase of 2,408.00 LNFT.
- l. Contract Item 0023: *Plastic Pavement Striping (24" Width)(Thermoplastic 125 mil)*
The quantity is to be changed to 364 LNFT. (+\$ 5,038.00). Increase of 229.00 LNFT.
- m. Contract Item 0024: *Plastic Pavement Striping (Solid Linde)(4" Width)(Thermoplastic 90 mil)*
The quantity is to be changed to 11.243 MILE. (-\$ 368.60). Decrease of 0.097 MILE.
- n. Contract Item 0025: *Plastic Pavement Striping (Solid Line)(6" Width)(Thermoplastic 90 mil)*
The quantity is to be changed to 5.416 MILE. (+\$ 432.00). Increase of 0.072 MILE.
- o. Contract Item 0026: *Plastic Pavement Striping (Broken Line)(4" Width)(Thermoplastic 90 mil)*
The quantity is to be changed to 0.160 MILE. (+\$ 5.20). Increase of 0.002 MILE.
- p. Contract Item 0027: *Plastic Pavement Striping (Dotted Line)(4" W)(2' L)(Thermoplastic 90 mil)*
The quantity is to be changed to 0.308 MILE. (-\$ 75.00). Decrease of 0.025 MILE.
- q. Contract Item 0028: *Plastic Pavement Striping (Broken Line)(6" Width)(Thermoplastic 90 mil)*
The quantity is to be changed to 0.304 MILE. (-\$ 87.00). Decrease of 0.029 MILE.
- r. Contract Item 0031: *Plastic Pavement Legends and Symbols (Bicycle)*
The quantity is to be changed to 33 EACH. (-\$ 3,000.00). Decrease of 6 EACH
- s. Contract Item 0039: *Full Depth Patching of Jointed Concrete Pavement (16.1 square yards to 48.0 square yards)(9" Thick)*
The quantity is to be changed to 1,942.25 SQYD. (-\$ 55,643.75). Decrease of 445.15 SQYD
- t. Contract Item 9003: *Concrete Curb (8" Barrier)*
The quantity is to be changed to 2,571.00 LNFT. (+\$ 1,284.80). Increase of 73.00 LNFT

Total of Change in Work Items Quantity = (-\$ 8,214.64)

Reason for Change Order: List a reason for each Line Item listed above. *See attached example on how to fill in this information*

1. Deleted Work Items

- a. The work item "Temporary Pavement Markings (Solid Line)(4" Width)" was not used, and it can be removed from the contract.
- b. The work item "Temporary Pavement Legend & Symbols (ONLY)" was not used, and it can be removed from the contract.
- c. The work item "Saw Cutting Asphaltic Concrete Pavement Over Portland Cement Concrete Pavement" was not used, and it can be removed from the contract.

2. Add Work Items

- a. This item is being added in accordance with section 109.09 Payment Adjustment (Asphalt Cement and Fuels) of the contract Special Provisions.
- b. This item is being added to the project to apply a 3% pay bonus for initial retro-reflectivity readings of plastic pavement markings installed on the job, in accordance with section 732, Plastic Pavement markings, of the contract special provisions, see calculations below.

732-02-02000 Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 90 mil):
\$3800.00/mi x 11.243 mi = \$42,723.40

732-02-02020 Plastic Pavement Striping (Solid Line)(6" Width)(Thermoplastic 90 mil):
\$6000.00/mi x 5.416 mi = \$32,496.00

732-03-02000 Plastic Pavement Striping (Broken Line)(4" Width)(Thermoplastic 90 mil):
\$2600.00/mi x 0.16 mi = \$416.00

732-03-02010 Plastic Pvmnt Strip (Dotted Line)(4" W)(2' L)(Thermo 90 mil): \$999.00 x 0.308 mi
= \$924.00

732-03-02000 Plastic Pavement Striping (Broken Line)(6" Width)(Thermoplastic 90 mil):
\$3000.00/mi x 0.304 mi = \$912.00

Striping Total = \$77,471.40
Total Pay Bonus = \$2,324.14

3. Revise Work Item Quantities

- a. This item underran by 45.24 TON based upon collected haul tickets.
- b. This item overran by 77.07 TON based upon collected haul tickets.
- c. The current contract quantity was an estimated quantity. After final measurements of the concrete pavement patching, this item overran by 368.64 SQYD.
- d. The current contract quantity was an estimated quantity. After final measurements of the mountable concrete curb, this item underran by 168.67 LNFT.
- e. The plan quantity of 135 LNFT Temporary Pavement Markings (24" Width) was not fully used for the project. The item quantity underran by 41 LNFT.

- f. The plan quantity of 8 EACH Temporary Pavement Legend & Symbols (Arrow) was not fully used for the project. The item quantity underran by 3 EACH.
- g. The plan quantity of 7 EACH Temporary Pavement Legend & Symbols (RR Crossing) was not fully used for the project. The item quantity underran by 3 EACH.
- h. The plan quantity of 750 SQYD Slab Sodding (Bermuda Grass) was not fully used for the project. The item quantity underran by 150 SQYD.
- i. Reflectorized Raised Pavement Markers were placed in the roadway at the location of all fire hydrants. The item quantity underran by 14 EACH.
- j. The Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic 125 ml) was used for the bike lane. The plan details showed the bike lane intersecting River Road. On the southbound lane, the bike lane had to stop short prior to intersecting River Rd. At this southbound intersection, the roadway was not wide enough for two turning lanes and the bike lane.
- k. On plan sheet #4, the general notes call for thermoplastic markings to be replaced in the same locations as existing. As a result of this note, all existing crosswalk striping was replaced. The plan quantity for this item did not include crosswalk striping. Due to the crosswalk being restriped, the quantity overran by 2,408.00 LNFT.
- l. The contract item Plastic Pavement Striping (24" Width)(Thermoplastic 125 mil) called for a plan quantity of 135 LNFT. The quantity overran due to this item being used for the chevron striping. After final measurements of the striping item, there was a quantity overrun of 229 LNFT.
- m. The contract item Plastic Pavement Striping (4" Width)(Thermoplastic 90 mil) called for a plan quantity of 11.340 MILE. After final measurements of the striping item, there was a quantity underrun of 0.097 MILE.
- n. The contract item Plastic Pavement Striping (Solid Line)(6" Width)(Thermoplastic 90 mil) called for a plan quantity of 5.344 MILE. After final measurements of the striping item, there was a quantity overrun of 0.072 MILE.
- o. The contract item Plastic Pavement Striping (Broken Line)(4" Width)(Thermoplastic 90 mil) called for a plan quantity of 0.158 MILE. After final measurements of the striping item, there was a quantity overrun of 0.002 MILE.
- p. The plan quantity of .333 MILE Plastic Pavement Striping (Dotted Line)(4" W)(2' L)(Thermoplastic 90 mil) was not fully used for the project. The item quantity underran by .025 MILE.
- q. The plan quantity of .333 MILE Plastic Pavement Striping (Broken Line)(6" Width) (Thermoplastic 90 mil) was not fully used for the project. The item quantity underran by .029 MILE.
- r. The plan quantity of 39 EACH Plastic Pavement Legends and Symbols (Bicycle) was not fully used for the project. The item quantity underran by 6 EACH.
- s. The current contract quantity was an estimated quantity. After final measurements of the concrete pavement patching, this item underran by 445.15 SQYD.
- t. The current contract quantity was an estimated quantity. After final measurements of the mountable concrete curb, this item overran by 73.00 LNFT.

Attachments:

Change Order Table

CHANGE IN CONTRACT PRICE:
Original Contract Price \$1,648,790.42
Net (Increase) Decrease from previous Change Orders No. <u>1</u> to <u>1</u> : \$278,528.24
Contract Price prior to this Change Order: \$1,927,318.66
Net increase (decrease) of this Change Order: \$-37,894.52
Contract Price with all approved Change Orders: \$1,889,424.14

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: _____ Ready for final payment: _____ (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for final payment: _____ (days)
Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days)
Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for final payment: _____ (days or dates)

RECOMMENDED:

By: Brian Thundt
ENGINEER (Authorized Signature)
Date: 3/28/2017

APPROVED:

By: _____
OWNER (Authorized Signature)
Date: _____

ACCEPTED:

By: [Signature]
CONTRACTOR (Authorized Signature)
Date: 3/28/2017

Change Order #2 Table
St. Charles Parish
2/21/2017

Project: Ormond Blvd. Pavement Rehab
State Project #: H.010843.6
Engineer : GEC, Inc.
Contractor: Barriere Construction Co., LLC.

Proposal Line Number	Item ID	Item	Unit	Current Contract Quantity	Unit Price	Current Contract Amount	Final Constructed Quantity	QUANTITY CHANGE	Revised Contract Amount	Change Order Amount	Percent Change
1	502-01-00100	Superpave Asphaltic Concrete	TON	6681.92	\$ 75.00	\$ 501,144.00	6,636.68	-45.24	\$ 497,751.00	\$ (3,393.00)	-0.7%
2	502-01-00200	Superpave Asphaltic Concrete, Drives, Turnouts and Miscellaneous	TON	434.73	\$ 75.00	\$ 32,604.75	511.80	77.07	\$ 38,385.00	\$ 5,780.25	17.7%
3	509-01-00100	Cold Planing Asphaltic Pavement	SQYD	60408.43	\$ 1.00	\$ 60,408.43	60,408.43	0.00	\$ 60,408.43	\$ -	0.0%
4	509-02-00100	Contractor Retained Reclaimed Asphaltic Pavement	CUYD	-2528.33	\$ 1.00	\$ (2,528.33)	-2,528.33	0.00	\$ (2,528.33)	\$ -	0.0%
5	510-01-00200	Pavement Patching (12" Minimum Thickness)	SQYD	1511.23	\$ 50.00	\$ 75,561.50	1,511.23	0.00	\$ 75,561.50	\$ -	0.0%
6	602-05-03040	Full Depth Patching of Jointed Concrete Pavement (48.1 square yards and over) (6" Thick)	SQYD	726.37	\$ 85.00	\$ 61,741.45	726.37	0.00	\$ 61,741.45	\$ -	0.0%
7	602-05-03120	Full Depth Patching of Jointed Concrete Pavement (48.1 square yards and over) (8" Thick)	SQYD	56.67	\$ 95.00	\$ 5,383.65	56.67	0.00	\$ 5,383.65	\$ -	0.0%
8	602-05-03160	Full Depth Patching of Jointed Concrete Pavement (48.1 square yards and over) (9" Thick)	SQYD	2969.1	\$ 100.00	\$ 296,910.00	3,337.74	368.64	\$ 333,774.00	\$ 36,864.00	12.4%
9	707-01-00200	Concrete Curb (Barrier)	LNFT	708	\$ 12.00	\$ 8,496.00	708.00	0.00	\$ 8,496.00	\$ -	0.0%
10	707-01-00300	Concrete Curb (Mountable)	LNFT	1032.17	\$ 12.00	\$ 12,386.04	863.50	-168.67	\$ 10,362.00	\$ (2,024.04)	-16.3%
11	713-01-00100	Temporary Signs and Barricades	LUMP	1	\$ 85,000.00	\$ 85,000.00	1	0.00	\$ 85,000.00	\$ -	0.0%
12	713-02-00500	Temporary Pavement Markings (24" Width)	LNFT	135	\$ 0.75	\$ 101.25	94	-41.00	\$ 70.50	\$ (30.75)	-30.4%
13	713-03-02000	Temporary Pavement Markings (Broken Line) (4" Width) (10' Length)	MILE	0.22	\$ 500.00	\$ 110.00	0.22	0.00	\$ 110.00	\$ -	0.0%
14	713-04-01000	Temporary Pavement Markings (Solid Line) (4" Width)	MILE	16.684	\$ 300.00	\$ 5,005.20	0	-16.684	\$ -	\$ (5,005.20)	-100.0%
15	713-05-00100	Temporary Pavement Legends & Symbols (Arrow)	EACH	8	\$ 50.00	\$ 400.00	5	-3.00	\$ 250.00	\$ (150.00)	-37.5%
16	713-05-00300	Temporary Pavement Legends & Symbols (ONLY)	EACH	4	\$ 45.00	\$ 180.00	0	-4.00	\$ -	\$ (180.00)	-100.0%
17	713-05-00400	Temporary Pavement Legends & Symbols (RR Crossing)	EACH	7	\$ 80.00	\$ 560.00	4	-3.00	\$ 320.00	\$ (240.00)	-42.9%
18	714-01-00100	Slab Sodding (Bermuda Grass)	SQYD	750	\$ 7.00	\$ 5,250.00	600	-150.00	\$ 4,200.00	\$ (1,050.00)	-20.0%
19	727-01-00100	Mobilization	LUMP	1	\$ 150,000.00	\$ 150,000.00	1	0.00	\$ 150,000.00	\$ -	0.0%
20	731-02-00100	ReflectORIZED Raised Pavement Markers	EA	71	\$ 50.00	\$ 3,550.00	57	-14.00	\$ 2,850.00	\$ (700.00)	-19.7%
21	732-01-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 125 mil)	LNFT	16,500	\$ 1.30	\$ 21,450.00	12,882.5	-3,617.50	\$ 16,747.25	\$ (4,702.75)	-21.9%
22	732-01-02040	Plastic Pavement Striping (8" Width) (Thermoplastic 125 mil)	LNFT	330	\$ 5.75	\$ 1,897.50	2738	2,408.00	\$ 15,743.50	\$ 13,846.00	729.7%
23	732-01-02080	Plastic Pavement Striping (24" Width) (Thermoplastic 125 mil)	LNFT	135	\$ 22.00	\$ 2,970.00	364	229.00	\$ 8,008.00	\$ 5,038.00	169.6%
24	732-02-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 mil)	MILE	11.340	\$ 3,800.00	\$ 43,092.00	11.243	-0.097	\$ 42,723.40	\$ (368.60)	-0.9%
25	732-02-02020	Plastic Pavement Striping (Solid Line) (6" Width) (Thermoplastic 90 mil)	MILE	5.344	\$ 6,000.00	\$ 32,064.00	5.416	0.072	\$ 32,496.00	\$ 432.00	1.3%
26	732-03-02000	Plastic Pavement Striping (Broken Line) (4" Width) (Thermoplastic 90 mil)	MILE	0.158	\$ 2,600.00	\$ 410.80	0.160	0.002	\$ 416.00	\$ 5.20	1.3%
27	732-03-02020	Plastic Pavmt Strip (Dotted Line)(4" W)/(2" L)(Thermo 90 mil)	MILE	0.333	\$ 3,000.00	\$ 999.00	0.308	-0.025	\$ 924.00	\$ (75.00)	-7.5%
28	732-04-01080	Plastic Pavement Striping (Broken Line) (6" Width) (Thermoplastic 90 mil)	MILE	0.333	\$ 3,000.00	\$ 999.00	0.304	-0.029	\$ 912.00	\$ (87.00)	-8.7%
29	732-04-01080	Plastic Pavement Legends and Symbols (Arrow - Left Turn)	EACH	7	\$ 300.00	\$ 2,100.00	7	0.00	\$ 2,100.00	\$ -	0.0%
30	732-04-01100	Plastic Pavement Legends and Symbols (Arrow - Right Turn)	EACH	3	\$ 350.00	\$ 1,050.00	3	0.00	\$ 1,050.00	\$ -	0.0%
31	732-04-02000	Plastic Pavement Legends and Symbols (Bicycle)	EACH	39	\$ 500.00	\$ 19,500.00	33	-6.00	\$ 16,500.00	\$ (3,000.00)	-15.4%
32	732-04-15020	Plastic Pavement Legends and Symbols (ONLY)	EACH	4	\$ 200.00	\$ 800.00	4	0.00	\$ 800.00	\$ -	0.0%
33	732-04-18000	Plastic Pavement Legends and Symbols (RR Crossing)	EACH	7	\$ 750.00	\$ 5,250.00	7	0.00	\$ 5,250.00	\$ -	0.0%
34	732-05-00100	Removal of Existing Markings	MILE	2	\$ 7,500.00	\$ 15,000.00	2	0.00	\$ 15,000.00	\$ -	0.0%
35	740-01-00100	Construction Layout	Lump	1	\$ 50,000.00	\$ 50,000.00	1	0.00	\$ 50,000.00	\$ -	0.0%
36	N5-500-00360	Saw Cutting Asphaltic Concrete Pavement Over Portland Cement Concrete Pavement	IN-LF	33,770	\$ 0.10	\$ 3,377.00	0.00	-33,770.00	\$ -	\$ (3,377.00)	-100.0%
37	602-05-02040	Full Depth Patching of Jointed Concrete Pavement (16.1square yards to 48.0 square yards) (6" thick)	SQYD	383.09	\$ 100.00	\$ 38,309.00	383.09	0.00	\$ 38,309.00	\$ -	0.0%
38	602-05-02120	Full Depth Patching of Jointed Concrete Pavement (16.1square yards to 48.0 square yards) (8" thick)	SQYD	332.04	\$ 115.00	\$ 38,184.60	332.04	0.00	\$ 38,184.60	\$ -	0.0%
39	602-05-02160	Full Depth Patching of Jointed Concrete Pavement (16.1square yards to 48.0 square yards) (9" thick)	SQYD	2387.4	\$ 125.00	\$ 298,425.00	1,942.25	-445.15	\$ 242,781.25	\$ (55,643.75)	-18.6%
800	CI-999-00010	Asphalt Price Adjustment	EACH	\$ -	\$ 1.00	\$ -	-23,441.82	-23,441.82	\$ (23,441.82)	\$ (23,441.82)	
9001	CI-732-00010	Striping Reflectivity Pay Bonus	EACH	\$ -	\$ 1.00	\$ -	2,324.14	2,324.14	\$ 2,324.14	\$ 2,324.14	
9002	302-02-03000	Class II Base Course (8" Thick)	SQYD	107.00	\$ 32.18	\$ 3,443.26	107.00	0.00	\$ 3,443.26	\$ -	0.0%
9003	203-01-00100	General Excavation	CUYD	47.56	\$ 37.19	\$ 1,768.76	47.56	0.00	\$ 1,768.76	\$ -	0.0%
9003	707-01-00201	Concrete Curb (8" Barrier)	LNFT	2,498.00	\$ 17.60	\$ 43,964.80	2,571.00	73.00	\$ 45,249.60	\$ 1,284.80	2.9%
		Total:				\$ 1,927,318.66			\$ 1,889,424.14	\$ (37,894.52)	-2%