

Ord.
2011-0358

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

ORDINANCE NO. 11-11-17

An ordinance approving and authorizing the execution of Change Order No. 1(Final) for Parish Project No. P090204 Ormond Boulevard Culvert Replacement to decrease the contract amount by \$110,522.93 and add thirty seven (37) days to the contract time.

WHEREAS, Ordinance No. 11-1-10, adopted January 24, 2011, by the St. Charles Parish Council, approved and authorized the execution of a contract with Fleming Construction Co., LLC for Parish Project No. P090204 Ormond Boulevard Culvert Replacement in the amount of \$1,848,179.00; and,

WHEREAS, The decrease in contract amount resulted from the deletion of two line items in the amount of \$222,875.00, adding five line items in the amount of \$16,698.10, and changing thirty three line items with a net reduction of \$95,653.97; and,

WHEREAS, The increase in contract time resulted from twenty seven days related to weather and 10 days for the change directive items.

THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS,

SECTION I. To approve and authorize the execution of Change Order No. 1(Final) for Parish Project No. P090204 Ormond Boulevard Culvert Replacement to decrease the contract amount by \$110,522.93 and increase the contract time by thirty seven (37) days.

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, AUTHEMENT, RAYMOND, TASTET, BENEDETTO, HOGAN, COCHRAN, LAMBERT, NUSS

NAYS: NONE

ABSENT: NONE

And the ordinance was declared adopted this 21st day of November, 2011, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: _____

SECRETARY: _____

DLVD/PARISH PRESIDENT: November 22, 2011

APPROVED: DISAPPROVED: _____

PARISH PRESIDENT: VJSP

RETD/SECRETARY: November 23, 2011

AT: 9:10 Am RECD BY: _____

RECORDED IN THE ST. CHARLES PARISH
CLERK OF COURT OFFICE

ON November 28, 2011

AS ENTRY NO. 374841

IN MORTGAGE/CONVEYANCE BOOK

NO. 1452 FOLIO 75

REFERENCE

Ord. 11-1-10

CHANGE ORDER

No. 1 (Final)

DATE OF ISSUANCE November 7, 2011

EFFECTIVE DATE

OWNER	St. Charles Parish Department of Public Works/Wastewater	
CONTRACTOR	Fleming Construction Co., LLC	
Contract:	Ormond Boulevard Culvert Replacement	
Project:	P090204 – Ormond Boulevard Culvert Replacement	
OWNER's Contract No.	P090204	
ENGINEER:	Volkert, Inc.	ENGINEER's PROJECT No. 965801.80

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

Description:

1. Delete the Following Work Items:

a. Contract Item No. 713-09-00100 – Temporary Portable Barriers (Water Filled)	(\$97,875.00)
b. Contract Item No. S-002 - Relocation of Infrastructure	(\$125,000.00)
Total of Deleted Items	(\$222,875.00)

2. Add the Following Work Items:

a. Contract Item No. S-006 – Barrier Modifications for Rain Events	\$8,902.30
b. Contract item No. S-007 – Erosion Control – Turf Reinforcing Mats	\$4,471.00
c. Contract Item No. NS-300-00060 - Geogrid	\$100.80
d. Contract Item No. 203-01-00100 – General Excavation	\$3,008.00
e. Contract Item No. 203-04-00200 – Non-Plastic Embankment (Sand)	\$216.00
Total of Added Work Items	\$16,698.10

3. Revise the Following Work Item Quantities:

a. Contract Item No. 202-02-06100 – Removal of Concrete Walks and Drives	(\$27.00)
b. Contract Item No. 202-02-32100 – Removal of Pipe (Cross Drain) (60" CMP)	(\$440.00)
c. Contract Item No. 202-02-32120 – Removal of Pipe (Side Drain) (24" RCP & 18" RCP)	(\$1,160.00)
d. Contract Item No. 202-02-38500 – Removal of Surfacing and Stabilized Base	\$266.00
e. Contract Item No. 203-08-00100 – Geotextile Fabric	\$459.80
f. Contract Item No. 204-06-00100 – Temporary Silt Fencing	(\$189.00)
g. Contract Item No. 302-02-02100 – Class II Base Course (6" Thick) (Stone or RcyL PCC)	\$9,902.50
h. Contract Item No. 302-02-06120 – Class II Base Course (12" Thick)(Stone or RcyL PCC)	(\$28.00)
i. Contract Item No. 402-01-00100 – Traffic Maintenance Aggregate	(\$2,000.00)
j. Contract Item No. 502-01-00100 – Superpave Asphaltic Concrete	\$10,865.50
k. Contract Item No. 509-01-00100 – Cold Planing Asphaltic Concrete	(\$45.00)
l. Contract Item No. 701-03-01040 – Storm Drain Pipe (24" RCP)	(\$5,760.00)
m. Contract Item No. 702-04-00100 – Adjusting Manholes	\$2,899.18
n. Contract Item No. 706-02-00200 – Concrete Drive (6" Thick)	(\$221.00)
o. Contract Item No. 711-01-03000 – Rip Rap	\$2,552.00
p. Contract Item No. 713-02-00100 – Temporary Pavement Markings (4" Width)	\$390.60
q. Contract Item No. 713-06-00100 – Temp. Reflectorized Raised Pavement Markers	(\$1,420.80)
r. Contract Item No. 713-07-00100 – Temporary Precast Concrete Barrier (Cont. Furn.)	\$51,000.00
s. Contract Item No. 713-10-00100 – Temporary Precast Barrier Movement	\$6,450.00
t. Contract Item No. 714-01-00600 – Slab Sodding (St. Augustine)	\$406.00
u. Contract Item No. 715-01-00100 – Topsoil	(\$648.00)
v. Contract Item No. 726-01-00100 – Bedding Material	(\$1,456.00)
w. Contract Item No. 729-01-00100 – Sign (Type A)	\$27.84
x. Contract Item No. 732-01-01000 – Plastic Pavement Striping (4" Width) (Thermo 90)	\$27.75
y. Contract Item No. 732-01-01020 – Plastic Pavement Striping (6" Width) (Thermo 90)	(\$42.90)
z. Contract Item No. 732-05-00100 – Removal of Existing Markings	\$184.80
aa. Contract Item No. 739-01-00100 – Hydroseeding	(\$1,689.60)

bb. Contract Item No. 741-01-01140 – Water Main (12” PVC)	(\$930.00)
cc. Contract Item No. 741-01-02080 – Water Main (12” Ductile Iron)	(\$880.00)
dd. Contract Item No. 805-02-00200 – Class A(M) Concrete (Footings)	(\$5,900.00)
ee. Contract Item No. 806-01-00100 – Deformed Reinforcing Steel	(\$56.70)
ff. Contract Item No. NS-700-00180 – Impact Attenuator (Construction Zone)	\$30,956.00
gg. Contract Item No. NS-700-00181 – Impact Attenuator Relocation (Construction Zone)	\$2,160.00

Total Change in Work Item quantities (\$95,653.97)

TOTAL CHANGE IN PROJECT COST **(\$110,522.93)**

Reason for Change Order:

1. Deleted Work Items

- a. The water filled barriers specified were changed to precast concrete barriers to increase safety and reduce risk to traveling public through the work zone.
- b. The relocation of the infrastructure item in the bid was not used during the construction.

2. Add Work Items

- a. The concrete barriers and impact attenuators were modified at the canal crossing in order to allow water to flow freely across the roadway and work zone during a major rain event.
- b. Turf reinforcing mats were added along the slopes in front of the four wing walls of the culvert structure in order to prevent erosion and scouring.
- c. Geogrid was added into the traffic maintenance aggregate near 2416 Ormond Blvd. due to unsuitable soil conditions near an existing telecommunications manhole.
- d. Additional general excavation was required to install additional temporary asphaltic pavement in order to accommodate traffic shifts and maintenance of traffic through the work zone.
- e. Sand fill was used to backfill areas of unsuitable soil which were mucked out near a telecommunications manhole near 2416 Ormond Blvd. See also item 2c above.

3. Revise Work Item Quantities

- a. Contract Item No. 202-02-06100 – Removal of Concrete Walks and Drives
This item was reduced in cost due to actual quantity of driveways removed during construction.
- b. Contract Item No. 202-02-32100 – Removal of Pipe (Cross Drain) (60” CMP)
This item was reduced in cost due to actual quantity of culverts removed during construction.
- c. Contract Item No. 202-02-32120 – Removal of Pipe (Side Drain) (24” RCP & 18” RCP)
This item was reduced in cost due to revisions made to the storm drainage which required less pipe to be removed than what was included in the contract.
- d. Contract Item No. 202-02-38500 – Removal of Surfacing and Stabilized Base
This item increased in cost due to additional quantity of roadway removal required, which was not accounted for in the contract.
- e. Contract Item No. 203-08-00100 – Geotextile Fabric
This item increased in cost due to additional temporary asphalt paving required to facilitate traffic through the work zone while maintaining proper detour lane widths for all traffic shifts.
- f. Contract Item No. 204-06-00100 – Temporary Silt Fencing
This item decreased in cost due to actual quantity of silt fencing installed during construction.
- g. Contract Item No. 302-02-02100 – Class II Base Course (6” Thick) (Stone or Rcyl PCC)
This item increased in cost due to additional temporary asphalt paving required to facilitate traffic through the work zone while maintaining proper detour lane widths for all traffic shifts.
- h. Contract Item No. 302-02-06120 – Class II Base Course (12” Thick)(Stone or Rcyl PCC)
This item decreased in cost due to actual quantity of 12” Class II Base Course installed during construction.
- i. Contract Item No. 402-01-00100 – Traffic Maintenance Aggregate
This item decreased in cost due to actual quantity of traffic maintenance aggregate required during construction.
- j. Contract Item No. 502-01-00100 – Superpave Asphaltic Concrete
This item increased in cost due to additional temporary asphalt paving required to facilitate traffic through the work zone while maintaining wider detour lane widths for all traffic shifts.
- k. Contract Item No. 509-01-00100 – Cold Planing Asphaltic Concrete
This item decreased in cost due to actual quantity of cold planning during construction.

ST. CHARLES PARISH
ORMOND BOULEVARD CULVERT REPLACEMENT
P090204

- l. Contract Item No. 701-03-01040 – Storm Drain Pipe (24” RCP)
This item decreased in cost due to actual quantity of new 24” RCP storm drainage pipe required based on the re-configuration of the storm drainage.
- m. Contract Item No. 702-04-00100 – Adjusting Manholes
This item increased in cost due to two (2) additional manholes which required adjusting to meet new project grades.
- n. Contract Item No. 706-02-00200 – Concrete Drive (6” Thick)
This item decreased in cost due to actual quantity of driveway installed during construction.
- o. Contract Item No. 711-01-03000 – Rip Rap
This item increased in cost due to actual quantity of rip rap installed during construction. Additional rip rap was installed at the outfall of the culvert to prevent erosion and scouring.
- p. Contract Item No. 713-02-00100 – Temporary Pavement Markings (4” Width)
This item increased in cost due to additional temporary pavement striping needed to facilitate traffic through the work zone during construction.
- q. Contract Item No. 713-06-00100 – Temp. Reflectorized Raised Pavement Markers
This item decreased in cost due to actual quantity of temporary raised pavement markers installed during construction.
- r. Contract Item No. 713-07-00100 – Temporary Precast Concrete Barrier (Cont. Furn.)
This item increased in cost due to the change noted in item 1a above. The previously noted water filled barriers were replaced with precast concrete barriers to increase safety for traffic through the work zone.
- s. Contract Item No. 713-10-00100 – Temporary Precast Barrier Movement
This item increased in cost due to item 3r (above). Additional precast concrete barriers required additional movement of concrete barriers.
- t. Contract Item No. 714-01-00600 – Slab Sodding (St. Augustine)
This item increased in cost due to additional slab sodding required during construction which was not accounted for in the project plans.
- u. Contract Item No. 715-01-00100 – Topsoil
This item decreased in cost due to actual quantity of topsoil installed onsite during construction.
- v. Contract Item No. 726-01-00100 – Bedding Material
This item decreased in cost due to less storm drainage being installed onsite. See item 3l (above).
- w. Contract Item No. 729-01-00100 – Sign (Type A)
This item increased in cost due to actual quantity of signage installed onsite. Project plan quantities were incorrect.
- x. Contract Item No. 732-01-01000 – Plastic Pavement Striping (4” Width) (Thermo 90)
This item increased in cost due to additional striping installed as directed by the Engineer.
- y. Contract Item No. 732-01-01020 – Plastic Pavement Striping (6” Width) (Thermo 90)
This item decreased in cost due to actual quantity of 6” striping installed onsite.
- z. Contract Item No. 732-05-00100 – Removal of Existing Markings
This item increased in cost due to additional striping which was required by the Engineer to be removed prior to start of traffic shifts.
- aa. Contract Item No. 739-01-00100 – Hydroseeding
This item decreased in cost due to actual quantity of hydroseeding required during construction.
- bb. Contract Item No. 741-01-01140 – Water Main (12” PVC)
This item decreased in cost due to actual length of water main installed. Less water main length was removed during construction, resulting in less pipe length to be re-installed.
- cc. Contract Item No. 741-01-02080 – Water Main (12” Ductile Iron)
This item decreased in cost due to actual length of water main installed. Less water main length was removed during construction, resulting in less pipe length to be re-installed.
- dd. Contract Item No. 805-02-00200 – Class A(M) Concrete (Footings)
This item decreased in cost due to actual neat quantities of concrete placed for the foundation of the precast bridge culvert.
- ee. Contract Item No. 806-01-00100 – Deformed Reinforcing Steel
This item decreased in cost due to actual steel provided as determined by the approved shop drawings for the reinforcing steel.
- ff. Contract Item No. NS-700-00180 – Impact Attenuator (Construction Zone)
This item increased in cost due to the change in barriers from water filled to precast concrete barriers (see no. 1a above). Impact attenuators are not required on water filled barriers but are required for precast concrete barriers.
- gg. Contract Item No. NS-700-00181 – Impact Attenuator Relocation (Construction Zone)
This item increased in cost due to item no. 3ff above. Additional attenuators required additional relocations.

4. Contract Time

Total of 37 calendar days were added to the project. (23 rain days, 4 days adverse site conditions, 6 days due to additional work, and 4 days due to third party delay)

- 3 days due to pouring Cast-in-place manholes, which was a change from precast manholes to allow re-route of subsurface drain in median
- 2 days to raise two (2) additional manholes to allow re-route of subsurface drain in median
- 1 day due to lost time from re-design of storm drain re-route in median
- 3 days due to delay of pricing approval by third party utility (AT&T) for removal of a driveway so they could install new conduit.
- 1 day to install vertical offset in water main
- 4 days rain days during the month of June 2011
- 1 day adverse site conditions during the month of June 2011
- 19 days rain days during the month of July 2011
- 3 days adverse site conditions during the month of July 2011

Attachments:

CCD No. 1 – 3/25/11

CCD No. 2 – 5/2/11

CCD. No. 3 – 5/11/11

Fleming documentation for barrier modifications – 7/25/11

Fleming documentation for turf reinforcing mats – 9/14/11

Fleming time extension request – multiple items – 8/25/11

Fleming time extension request – Month of June 2011 – 7/7/11

Fleming time extension request – Month of July 2011 – 8/8/11

ST. CHARLES PARISH
 ORMOND BOULEVARD CULVERT REPLACEMENT
 P090204

CHANGE IN CONTRACT PRICE:
Original Contract Price \$1,848,179.00
Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$0.00
Contract Price prior to this Change Order: \$1,848,179.00
Net increase (decrease) of this Change Order: (\$110,522.93)
Contract Price with all approved Change Orders: \$1,737,656.07

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: July 26, 2011 Ready for final payment: 45 days
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: 0 Ready for final payment: 0
Contract Times prior to this Change Order: Substantial Completion: July 26, 2011 Ready for final payment: 45 days
Net increase (decrease) this Change Order: Substantial Completion: September 1, 2011 Ready for final payment: 0 days
Contract Times with all approved Change Orders: Substantial Completion: September 1, 2011 Ready for final payment: 45 days

RECOMMENDED:

By: [Signature]
 ENGINEER (Authorized Signature)

APPROVED:

By: [Signature]
 OWNER (Authorized Signature)

ACCEPTED:

By: [Signature]
 CONTRACTOR (Authorized Signature)

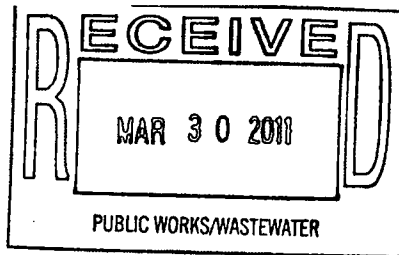
Date: 11-7-11

Date: 11/23/11

Date: 11/9/11

EJCDC 1910-8-B (1996 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America and the Construction Specifications Institute.



Volkert, Inc.
3466 Drusilla Lane
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Baton Rouge, LA 70809

Office 225.218.9440
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www.volkert.com

CONSTRUCTION CHANGE DIRECTIVE

PROJECT: ORMOND BOULEVARD CULVERT REPLACEMENT

PROJECT NO: P090204

DATE: 3/25/2011

CCD NO.: 001

OWNER: St. Charles Parish Department of Public Works/Wastewater

TO: Fleming Construction Co., LLC
23 East Airline Drive
Kenner, LA 70062
Attn: Mr. Steve Freeman

This Construction Change Directive is issued to provide instructions to and authorize the Contractor to perform the described changes herein to the Work and/or Contract Documents, and to memorialize that these changes are to be included in a future Change Order to the Contract. All parties hereby agree that the work described by this Directive is to be accomplished without change in Contract Time and that any and all changes set forth to the pay items and/or quantities as described below are to be performed as indicated and in conformance with the Louisiana Standard Specifications for Roads and Bridges, 2006 Edition and the Contract Documents dated January 2011 as prepared by Volkert, Inc.

DESCRIPTION:

The water filled barriers required to be used to separate northbound and southbound traffic during Phase I and Phase II traffic plans are to be deleted and replaced with precast concrete barriers of the same type, size and kind as those originally included in the Contract. Two (2) additional impact attenuators will also be added along with two (2) additional impact attenuator relocations. Additionally, the number of precast concrete barrier movements will be increased due to the number of concrete barriers being added will not equal the same total length as the original total length of water filled barriers. Lastly, the maximum time allotment for Road Closures will be increased from three (3) hours to four (4) hours.

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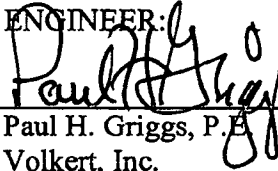
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The following is a summary of the changes to the pay item quantities as a result of the changes described above:

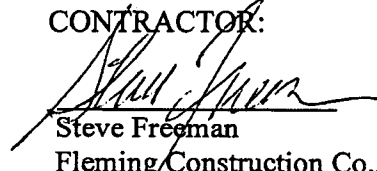
1. Eliminate, in its entirety from the Contract Documents, Pay Item No. 713-09-00100 – Temporary Portable Barriers (Water Filled); QTY: 225 EA @ \$435.00 EA for a total credit of \$97,875.00.
2. Increase Pay Item No. 713-07-00100 – Temporary Precast Concrete Barrier (Contractor Furnished) by 60 EA to a new total of 128 EA @ \$850.00 EA for a new total sum of \$108,800.00, which results in an increase of \$51,000.00.
3. Increase Pay Item No. 713-10-00100 – Temporary Precast Concrete Barrier Movement by 30 EA to a total of 45 EA @ \$215.00 EA for a new total sum of \$9,675.00, which results in an increase of \$6,450.00.
4. Increase Pay Item No. NS-700-00180 – Impact Attenuator (Construction Zone) by 2 EA to a total of 3 EA @ \$15,478.00 EA for a new total sum of \$46,434.00, which results in an increase of \$30,956.00.
5. Increase Pay Item No. NS-700-00181 – Impact Attenuator Relocation (Construction Zone) by 2 EA to a total of 3 EA @ \$1,080.00 EA for a new total sum of \$3,240.00, which results in an increase of \$2,160.00

The above changes result in a total project sum change of -\$7,309.00 (Credit).

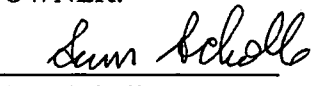
ENGINEER:


Paul H. Griggs, P.E.
Volkert, Inc.

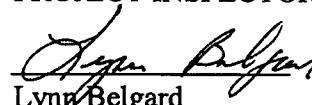
CONTRACTOR:


Steve Freeman
Fleming Construction Co., LLC

OWNER:


Sam Scholle
St. Charles Parish

PROJECT INSPECTOR:


Lynn Belgard
Volkert, Inc.

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CONSTRUCTION CHANGE DIRECTIVE

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PROJECT: ORMOND BOULEVARD CULVERT REPLACEMENT

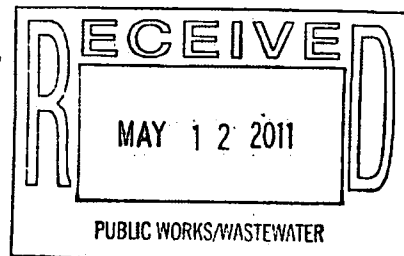
PROJECT NO: P090204

DATE: 5/2/2011

CCD NO.: 002

OWNER: St. Charles Parish Department of Public Works/Wastewater

TO: Fleming Construction Co., LLC
23 East Airline Drive
Kenner, LA 70062
Attn: Mr. Steve Freeman



This Construction Change Directive is issued to provide instructions to and authorize the Contractor to perform the described changes herein to the Work and/or Contract Documents, and to memorialize that these changes are to be included in a future Change Order to the Contract. All parties hereby agree that the work described by this Directive is to be accomplished without change in Contract Time and that any and all changes set forth to the pay items and/or quantities as described below are to be performed as indicated and in conformance with the Louisiana Standard Specifications for Roads and Bridges, 2006 Edition and the Contract Documents dated January 2011 as prepared by Volkert, Inc.

DESCRIPTION:

Due to improper backfill of an excavation by AT&T around a manhole near STA. 105+30, 35' LT., an area required over-excavation, placement of non-plastic embankment (sand), and placement of geogrid within the traffic maintenance aggregate section in front of 2416 Ormond Blvd. This Construction Change Directive will add pay items for general excavation, non-plastic embankment (sand), and geogrid. Some quantities given below are estimates, as these will be field measured. Also, additional excavation required for placement of additional temporary asphalt needed for Phase I and Phase II traffic shifts will be measured and paid according to the unit price indicated below for general excavation. The additional asphalt sections are required to maintain minimum detour traffic lanes during Phase I and Phase II.

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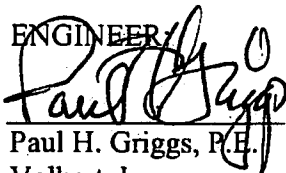
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The following is a summary of the changes to the pay item quantities as a result of the changes described above:

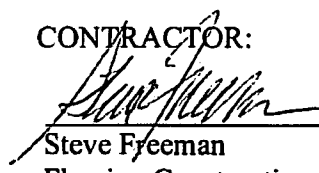
1. Add Pay Item No. 203-01-00100 – General Excavation; QTY: 188 CY @ \$16.00/CY for a total sum of \$3008.00, which results in an increase of \$3008.00.
2. Add Pay Item No. 203-04-00200 – Non-Plastic Embankment (Sand); QTY: 6 CY @ \$36.00/CY for a total sum of \$216.00, which results in an increase of \$216.00.
3. Add Pay Item No. NS-300-00060 – Geogrid; QTY: 16.8 SY @ \$6.00/SY for a total sum of \$100.80, which results in an increase of \$100.80

The above changes result in a total project sum change of \$3,324.80.

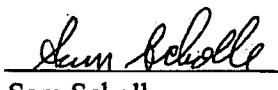
ENGINEER:


Paul H. Griggs, P.E.
Volkert, Inc.

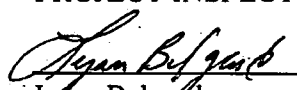
CONTRACTOR:


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Chattanooga, Tennessee • Alexandria, Virginia • Washington, D.C.





FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

APRIL 12, 2011

ATTN: MR. DENNIS HYMEL, JR.
VOLKERT & ASSOCIATES, INC.
3466 DRUSILLA LANE, SUITE A
BATON ROUGE, LA. 70809

RE: ORMOND CULVERT REPLACEMENT PROJECT
ST. CHARLES PARISH, LA.

DEAR MR. HYMEL,

As per your request our pricing for the additional pay items are as follows:

203-01-00100 - General excavation -CY \$ 16.00/CY
203-04-00200 - Nonplastic embankment (Sand) - CY \$ 36.00/CY
NS-300-00060 - Geogrid - SY \$ 6.00/SY

This is for the work we done for AT&T improperly backfilling work. The remaining work Performed will be paid by already established bid items.

Sincerely,

Steve Freeman

Fleming Construction Co.,
Project Manager

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

NS GEOGRID (04/01): This item consists of furnishing and placing geogrid reinforcement in the areas shown on the plans prior to placement of base course.

Materials:

(1) General Requirements: The geogrid shall be a biaxially oriented polymer grid structure composed of polypropylene or high density polyethylene with apertures designed to interlock with the surrounding fill material. The joints at the crossover points of mesh shall be welded or interwoven in such a manner that the elements will not separate under handling and construction activities or under dynamic loads anticipated over the life of the structure. The geogrid shall be resistant to damage during construction, including ultraviolet light degradation, and it shall have long-term resistance to chemical and biological degradation caused by the fill materials being reinforced.

(2) Detailed Requirements:

<u>Property</u>	<u>Test Method</u>	<u>Requirements</u>
Aperture Size,	I.D. Calipered	1.0 - 1.5 in. (25 - 38 mm)
Open Area, min.	COE Method	70%
Flexural Rigidity, min.	ASTM D1388	18 lb-ft (24.4 N·m)
Tensile Modulus, min.	GRI GGI-87	14,000 lb/ft (22.4 kN/m)
Junction Efficiency, min.	GRI GG2-87	90%

NOTES:

1. All numerical values represent minimum average roll values required in the designated direction.

2. The contractor shall submit a Certificate of Compliance that the geogrid meets the physical properties outlined above. The Department reserves the right to randomly sample and test geogrid material.

Construction Methods

The geogrid shall be placed in continuous sheets parallel to the centerline. Adjacent sheets of geogrid shall be overlapped a minimum of 18 inches (450 mm). Care shall be taken to ensure that geogrid sections do not separate during construction.

The geogrid shall be cut to conform to curved sections so as to maintain placement parallel to the centerline. Care shall be taken to ensure that excessive buckling of the grid material does not occur. Excessive material quantity, if any, required for making curves shall be at no direct pay.

Tracked equipment will not be allowed to operate directly on the geogrid. Damaged geogrid shall be either removed and replaced with new geogrid or covered with a second layer of geogrid extending 3 feet (1 m) in each direction from the damaged area.

Each geogrid roll shall be labeled or tagged to provide product identification sufficient for field inventory and quality control purposes. Rolls shall be stored in a manner which protects them from the elements. If stored outdoors, they shall be elevated and protected from ultraviolet light.

Measurement and Payment

Geogrid reinforcement will be measured and paid for by the square yard (sq m) of covered area at the contract unit price under:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
-----------------	-----------------	-----------------

NS-300-00060

Geogrid

Square Yard (Sq m)



Volkert, Inc.

3466 Drusilla Lane
Suite A
Baton Rouge, LA 70809

Office 225.218.9440
Fax 225.218.9471
batonrouge@volkert.com

www.volkert.com

CONSTRUCTION CHANGE DIRECTIVE

PROJECT: ORMOND BOULEVARD CULVERT REPLACEMENT

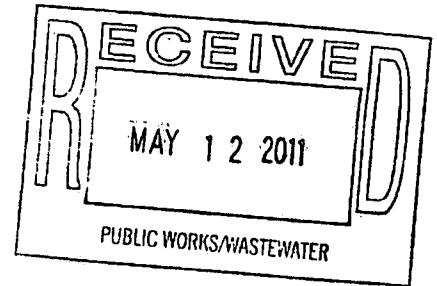
PROJECT NO: P090204

DATE: 5/11/2011

CCD NO.: 003

OWNER: St. Charles Parish Department of Public Works/Wastewater

TO: Fleming Construction Co., LLC
23 East Airline Drive
Kenner, LA 70062
Attn: Mr. Steve Freeman



This Construction Change Directive is issued to provide instructions to and authorize the Contractor to perform the described changes herein to the Work and/or Contract Documents, and to memorialize that these changes are to be included in a future Change Order to the Contract. All parties hereby agree that the work described by this Directive is to be accomplished without change in Contract Time and that any and all changes set forth to the pay items and/or quantities as described below are to be performed as indicated and in conformance with the Louisiana Standard Specifications for Roads and Bridges, 2006 Edition and the Contract Documents dated January 2011 as prepared by Volkert, Inc.

DESCRIPTION:

This Change Directive will increase quantities for the specified pay items below in order to provide additional temporary asphaltic concrete pavement along the inner edge of pavement along Ormond Blvd. on both the northbound and southbound lanes. The project's traffic plan and sequence of construction plans require a minimum of 10.5' wide travel lanes during Phase I and Phase II traffic routing. The topographic survey for the project shows existing lane widths of Ormond Blvd. to be greater than what was actually encountered onsite. Due to this discrepancy, the existing lanes will be required to be widened along the inside edge of pavement utilizing temporary asphaltic concrete pavement. This widening is required to allow enough overall roadway width to place two (2) sets of precast concrete barriers and provide a minimum of 10.5' wide travel lanes during Phase I and Phase II traffic detours.

Office Locations:

Birmingham, Foley, Huntsville, Mobile, Alabama • Gainesville, Orlando, Pensacola, Tampa, Florida • Atlanta, Georgia
Collinsville, Illinois • Baton Rouge, Slidell, Louisiana • Biloxi, Mississippi • Jefferson City, Missouri • Raleigh, North Carolina
Chattanooga, Tennessee • Alexandria, Virginia • Washington, D.C.



VOLKERT

Volkert, Inc.

3466 Drusilla Lane
Suite A
Baton Rouge, LA 70809

Office 225.218.9440
Fax 225.218.9471
batonrouge@volkert.com

www.volkert.com

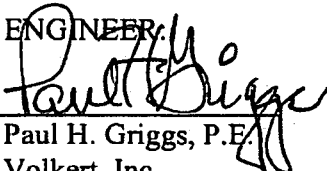
A three (3) foot wide strip of asphalt will be added along both sides of Ormond Blvd. from the northern crossover to the southern crossover of Phase I and Phase II. This Construction Change Directive will increase pay items for asphaltic concrete pavement, Class II base course (6" thick), and geotextile fabric. Some quantities given below are estimates, as these will be field measured.

The following is a summary of the changes to the pay item quantities as a result of the changes described above:

1. Increase Pay Item No. 203-08-00100 – Geotextile Fabric by 397 SY to a new total of 2121 SY @ \$1.90/SY for a new total sum of \$4,029.90, which results in an increase of \$754.00.
2. Increase Pay Item No. 302-02-02100 – Class II Base Course (6" Thick) (Stone or Recycled PCC) by 396.4 SY for a new total sum of \$18,535.00, which results in an increase of \$9,910.00.
3. Increase Pay Item No. 502-01-00100 – Superpave Asphaltic Concrete by 68.89 TON for a new total sum of \$75,095.95, which results in an increase of \$10,677.95

The above changes result in a total project sum change of \$21,341.95.

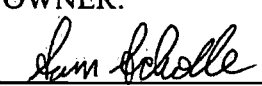
ENGINEER:


Paul H. Griggs, P.E.
Volkert, Inc.

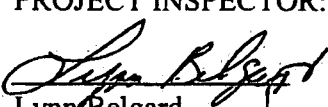
CONTRACTOR:


Steve Freeman
Fleming Construction Co., LLC

OWNER:


Sam Scholle
St. Charles Parish

PROJECT INSPECTOR:


Lynn Belgard
Volkert, Inc.

Office Locations:

Birmingham, Foley, Huntsville, Mobile, Alabama • Gainesville, Orlando, Pensacola, Tampa, Florida • Atlanta, Georgia
Collinsville, Illinois • Baton Rouge, Slidell, Louisiana • Biloxi, Mississippi • Jefferson City, Missouri • Raleigh, North Carolina
Chattanooga, Tennessee • Alexandria, Virginia • Washington, D.C.





FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

JULY 25, 2011

ATTN: MR. DENNIS HYMEL, JR.
VOLKERT & ASSOCIATES, INC.
3466 DRUSILLA LANE, SUITE A
BATON ROUGE, LA. 70809

RE: ORMOND CULVERT REPLACEMENT PROJECT
ST. CHARLES PARISH, LA.

DEAR Mr. Hymel,

The cost to install barrier modifications to allow for rain events is:

Labor	\$ 2,588.75
Equipment	\$ 990.92
Subtotal	\$ 3,579.92
15% OHP	\$ 550.92
Total:	\$ 4,116.92

Rental	
Impact Attenuators x 2 (May 12-31)	\$ 1,838.63(CCI invoice no. 625)
Super Cones x15 ea (May 12-31)	\$ 137.94(CCI invoice no. 625)
Impact Attenuators x 2 (June 1-21)	\$ 2,032.17(CCI invoice no. 657)
Super Cones x 15 ea (June 1-21)	\$ 152.46(CCI invoice no. 657)
Subtotal:	\$ 4,161.20
15% OHP	\$ 624.18
Rental total:	\$ 4,785.38

L & E Total:	\$ 4,116.92
Rental total:	\$ 4,785.38
Total this request:	\$ 8,902.30

As part of this request, we also request 4 days extensions of time for barrier and traffic adjustments.

Page Two
July 25, 2011

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Freeman". The signature is written in a cursive style with a large, sweeping initial "S".

Steve Freeman
Fleming Construction Co., LLC
Project Manager

Cc: Mr. Joe Malley, Fleming Construction Co., LLC

CCI Safety

Division of Command Construction Ind.
3209 N Turnbull Drive
Metairie, LA 70002

JUN 14 2011

Invoice

Date	Invoice #
5/31/2011	625

Bill To
CCISFTY11089-Ormond Blvd. Fleming Construction Co., LLC 23 East Airline Hwy Kenner, LA 70062 USA

Rental Location
Ormond Blvd. Culvert Replacement St. Charles Parish

Change Order

PO#	Ordered By	Ship Date	State Project #															
	Steve Freeman	5/12/2011	PO90204															
Days on Rent	Quantity	Description	Rate Per Day	Amount														
19	15	42" Cone	7.26	137.94														
	15	Base																
19	2	Absorb TL3 350	96.77	1,838.63														
		Sales Tax	9.00%	0.00														
<table border="1"> <tr> <td>VENDOR CODE</td> <td>COMI</td> </tr> <tr> <td>INV #</td> <td>625</td> </tr> <tr> <td>G/L #</td> <td>DE</td> </tr> <tr> <td>JOB #</td> <td>10-206</td> </tr> <tr> <td>CATEGORY #</td> <td>1000</td> </tr> <tr> <td>APPROVAL</td> <td></td> </tr> <tr> <td>ENTERED</td> <td></td> </tr> </table>					VENDOR CODE	COMI	INV #	625	G/L #	DE	JOB #	10-206	CATEGORY #	1000	APPROVAL		ENTERED	
VENDOR CODE	COMI																	
INV #	625																	
G/L #	DE																	
JOB #	10-206																	
CATEGORY #	1000																	
APPROVAL																		
ENTERED																		
Please make checks payable to Command Construction Industries			Total	\$1,976.57														

CCI Safety

Division of Command Construction Ind.
3209 N Turnbull Drive
Metairie, LA 70002

JUL 14 2011

Invoice

Date	Invoice #
6/30/2011	657

Bill To
CCISFTY11089-Ormond Blvd. Fleming Construction Co., LLC 23 East Airline Hwy Kenner, LA 70062 USA

Rental Location
Ormond Blvd. Culvert Replacement St. Charles Parish

PO#	Ordered By	Shlp Date	State Project #															
	Steve Freeman	6/30/2011	PO90204															
Days on Rent	Quantity	Description	Rate Per Day	Amount														
21	15	42" Cone	7.26	152.46														
	15	Base																
21	2	Absorb TL3 350	96.77	2,032.17														
		Sales Tax	9.00%	0.00														
<table border="1"> <tr> <td>VENDOR CODE</td> <td>Cam11</td> </tr> <tr> <td>INV #</td> <td>657</td> </tr> <tr> <td>G/L #</td> <td></td> </tr> <tr> <td>JO#</td> <td>10-206</td> </tr> <tr> <td>CATEGORY #</td> <td></td> </tr> <tr> <td>APPROVED</td> <td></td> </tr> <tr> <td>ENTERED</td> <td></td> </tr> </table>					VENDOR CODE	Cam11	INV #	657	G/L #		JO#	10-206	CATEGORY #		APPROVED		ENTERED	
VENDOR CODE	Cam11																	
INV #	657																	
G/L #																		
JO#	10-206																	
CATEGORY #																		
APPROVED																		
ENTERED																		
Please make checks payable to Command Construction Industries			Total	\$2,184.63														



FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

September 14, 2011

ATTN: MR. DENNIS HYMEL, JR.
VOLKERT & ASSOCIATES, INC.
3466 DRUSILLA LANE, SUITE A
BATON ROUGE, LA. 70809

RE: ORMOND CULVERT REPLACEMENT PROJECT
ST. CHARLES PARISH, LA.

DEAR Mr. Hymel,

The cost to furnish and install erosion matting on the slopes of the new banks for the above referenced project will be:

Labor	\$ 2,028.31
Equip	\$ 548.21
Materials	\$ 1,807.03
Subtotal	\$ 4,383.55
Bond 2%	\$ 87.67

Total this request: \$ 4,471.00

If you have any questions or require any additional information, please don't hesitate to give us a call.

Sincerely,

Steve Freeman
Fleming Construction Co., LLC
Project Manager

Cc: Mr. Joe Malley, Fleming Construction Co., LLC

Mr. Dennis Hymel
 Volkert, Inc.
 3466 Drusilla Lane, Suite A
 Baton Rouge, La.

RE: Ormond Boulevard Culvert Replacement Project

Subject: **Erosion Blanket on Bank Slopes**

Dear Sir,

Per your request our additional cost to perform the above is as follows.

LABOR:	Rate	Fringes		tax & ins.		
1 -Foreman	36.25 x	=	36.25 +	18.13 =	54.38	54.38
1 -Operators	20.00 x	0.00 =	20.00 +	3.00 =	23.00	23.00
3 -Laborers	12.00 x	0.00 =	12.00 +	6.00 =	18.00	54.00
2 -Truck driv	15.00 x	0.00 =	15.00 +	7.50 =	22.50	45.00
					<u>176.38</u>	<u>176.38</u>
	176.38 x	10 hrs /Day	=	1,763.75		
				15%OH/PROFIT	=	2,028.31
EQUIPMENT:						
1 Excavator		62.50 x	5 hrs.	=	312.50	
		x		=		
1 -1 ton Service trk.		10.42 x	10 hrs.	=	104.20	
1 -1/2 ton pickup trk.		6.00 x	10 hrs.	=	60.00	
				=		
					<u>476.70</u>	
	476.70	+ 15% OH/PROFIT	=		548.21	
						Total 2,576.52

Material:

Erosion Fabric	1444.90 ls	1 ls		1444.90	
				0.00	
				<u>1444.90</u>	
			taxes	<u>126.43</u>	
				<u>1571.33</u>	
	1571.33 x	15 %	=	1807.03	

Production:

L & E	=	2576.52
Material-----	=	1807.03
		<u>4383.55</u>
Bond (2%)		\$87.67
Total		4471.22

Remit To:
PO BOX 95
Kenner, LA 70063-0095
Phone (504) 468-1234

Pelican Construction Supplies
"Your Concrete Accessory Source"
Prompt Service Backed by Quality Manufacturers

305 23rd Street
Kenner, LA 70062
Fax (504) 468-1211
Watts (800) 982-5428

*****QUOTE***** 004829
QUOTE TO: FLEMING CONSTRUCTION CO. FLEMING CONSTRUCTION CO.
23 E. AIRLINE DRIVE STEVE @ 464.4000
KENNER, LA 70062

CONTACT: JACK / CLARA

PHONE: (504) 464-4000

QUOTE#	ORDER-DTE	SALESPERS	REQ-DATE	SHIP VIA	WGHT	PGE	CUST#	CUST PO NUMBER	DOC-REQ#	SUB TERMS	FREIGHT TRMS	FOB	INSD	SALES
004829	SEP 08 2011	BS	SEP 08 2011	WILL CALL			FLEMIN			NET 30	PREPAID	ORIGIN		DH

LIN	OR'D	PRODUCT	UNIT	DESCRIPTION	UNIT \$	EXTENDED
001	3	MSMISC	EA	GREEN SOLUTION GS50 8' X112.5'	298.00	894.00
002				EROSION CONTROL BLANKET		
003	1	MSMISC	BX	STAPLES 6" X 1" X 1" 11 GAUGE	48.00	48.00

SUB-TOTAL AMOUNT 942.00
SALES TAX 82.43

TOTAL AMOUNT 1024.43

WE APPRECIATE YOUR BUSINESS!!

RETURN POLICY: All returns subject to a restocking charge. No returns after 30 days.

Remit To:
PO BOX 95
Kenner, LA 70063-0095
Phone (504) 468-1234

Pelican Construction Supplies
"Your Concrete Accessory Source"
Prompt Service Backed by Quality Manufacturers

305 23rd Street
Kenner, LA 70062
Fax (504) 468-1211
Watts (800) 982-5428

*****INVOICE***** 145703

SOLD TO: FLEMING CONSTRUCTION CO.
23 E. AIRLINE DRIVE
KENNER, LA 70062

SHIP TO: STEVE @ 225.270.7667
ARMOND JOB
PICK UP IN BATON ROUGE
BATON ROUGE, LA

AUG 11 2011

CONTACT: JACK / CLARA

504)464-4000

INVCE# INVCE-DATE SALESPERS REQ-DATE
145703 AUG 10 2011 BS AUG 08 2011

Ormond

WGHT PGE

CUST# CUST PO NUMBER DOC-REQ#
FLEMIN 10-206 STEVE

GHT TRMS FOB
AID ORIGIN

OR'D	SHIP	BKOR	PRODUCT	UNIT	DESCRIPTION	UNIT \$	EXTENDED
1	1		MSMISC	EA	S2 EROSION CONTROL TYPE D 7-1/2' X 120'	66.67	66.67
1	1		MSMISC	BX	STAPLES 1" X 6" 11 GAUGE	48.00	48.00

VENDOR CODE	PELDI
INV. #	145703
G/L #	M
JOB #	10-206
CAT #	1000
APPROVED	<i>[Signature]</i>
ENTERED	<i>[Signature]</i>

*8/25-11 / Quincy
called for POD.*

SUB-TOTAL AMOUNT	114.67
SALES TAX	10.03
TOTAL AMOUNT	124.70

WE APPRECIATE YOUR BUSINESS!!

CUSTOMER

RETURN POLICY: All returns subject to a restocking charge. No returns after 30 days.

Remit To:
PO BOX 95
Kenner, LA 70063-0095
Phone (504) 468-1234

Pelican Construction Supplies
"Your Concrete Accessory Source"
Prompt Service Backed by Quality Manufacturers

305 23rd Street
Kenner, LA 70062
Fax (504) 468-1211
Watts (800) 982-5428

SOLD TO:

FLEMING CONSTRUCTION CO.
23 E. AIRLINE DRIVE
KENNER, LA 70062

DELIVERY TICKET 146745

SHIP TO:

STEVE @ 464.4000
RUSTY @ 296.9956
JOB# 10-206
CHANGE ORDER

CONTACT: JACK / CLARA

PHONE: (504)464-4000

INVOICE#	ORDER-DTE	SALESPERS	REQ-DATE	SHIP VIA	WGHT	PGE			
146745	SEP 13 2011	BS	SEP 13 2011	WILL CALL					
CUST#	CUST PO NUMBER	DOC-REQ#	SUB TERMS	FREIGHT TRMS	FOB	INSD	SALES		
FLEMIN 5813		STEVE F.	NET 30	PREPAID	ORIGIN		BS		
OR'D	SHIP	PRODUCT	UNIT DESCRIPTION	UNIT \$	EXTENDED				
8	8	MSMISC	EA 18" FABRIC PINS W/ WASHERS	48.53	388.24				

SUB-TOTAL AMOUNT	388.24
SALES TAXES	33.97
TOTAL AMOUNT	422.21

WE APPRECIATE YOUR BUSINESS!!

RETURN POLICY: All returns subject to a restocking charge. No returns after 30 days.



FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

AUGUST 25, 2011

ATTN: MR. DENNIS HYMEL, JR.
VOLKERT & ASSOCIATES, INC.
3466 DRUSILLA LANE, SUITE A
BATON ROUGE, LA. 70809

RE: ORMOND CULVERT REPLACEMENT PROJECT
ST. CHARLES PARISH, LA.

DEAR MR. HYMEL,

THIS IS SIMPLY A REQUEST FOR EXTENSIONS OF TIME DUE TO SEVERAL ISSUES. RATHER THAN DO EACH ONE INDIVIDUALLY, I HOPE IT WILL BE ALRIGHT TO COMBINE THEM. THEY ARE AS FOLLOWS:

- TO INSTALL A Poured IN PLACE CATCH BASIN AT 103+90 +/-, WE REQUEST A TOTAL OF **3 DAYS** EXTENSION OF TIME.
- TO RAISE TWO EACH CATCH BASINS AT 104+60+/- (EAST & WEST SIDE) WE REQUEST **2 DAYS**, ONE DAY FOR EACH CATCH BASIN.
- LOST TIME DUE TO DECISION ON HOW TO LAY DRAIN PIPING BECAUSE OF ELEVATIONAL DISCREPANCY, WAS **1 DAY**.
- ATT DELAY DUE TO DELAY OF PRICING APPROVAL WILL BE **3 DAYS**.
- FOR INSTALLING OFFSET IN WATER PIPING WILL BE **1 DAY**.

THE TOTAL DAYS FOR THIS REQUEST IS 10 DAYS.

SINCERELY,

STEVE FREEMAN
FLEMING CONSTRUCTION CO., LLC



FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

July 7, 2011

Mr. Dennis Hymel
Volkert, Inc.
3466 Drusilla Lane, Suite A
Baton Rouge, La.

Re: Ormond Blvd. Culvert Project
SCP Project No. P090204
St. Charles Parish, La.

Dear Mr. Hymel,

This is simply request for extensions of time for rain day/adverse side conditions for the Above referenced project for the month of June 2011. The following days are as follows:

Rain

22,23,25,27

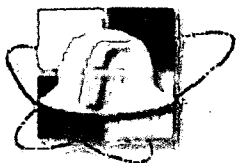
Adverse site conditions

24

The total days for this request are Five (5) days.

Sincerely,

Steve Freeman
Fleming Construction Co., LLC
Estimator/Project Manager



FLEMING CONSTRUCTION CO., L.L.C.

PAVING & PIPE CONTRACTORS SINCE 1953 LOUISIANA LICENSE NO. 935

August 8, 2011

Mr. Dennis Hymel
Volkert, Inc.
3466 Drusilla Lane, Suite A
Baton Rouge, La.

Re: Ormond Blvd. Culvert Project
SCP Project No. P090204
St. Charles Parish, La.

Dear Mr. Hymel,

This is simply request for extensions of time for rain day/adverse site conditions for the above referenced project for the month of July 2011. The following days are as follows:

Rain

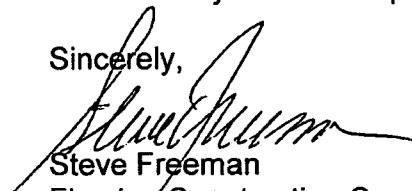
1,5,6,8,12,14,15,16,17,18,19,
22, 23,24,25,28,29,30,31

Adverse site conditions

2,20,26

The total days for this request are twenty-two days.

Sincerely,


Steve Freeman
Fleming Construction Co., LLC
Estimator/Project Manager

ATTACHMENT NO 1 - DESCRIPTION OF CHANGES
 P090204 - ORMOND BOULEVARD CULVERT REPLACEMENT

Item No.	Item 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				
202-01-00100	Removal of Structures and Obstructions	LS	\$31,000	1	\$31,000.00					1.00	\$31,000.00				
202-02-06100	Removal of Concrete Walks and Drives	SY	\$27	104	\$2,808.00	0.00	27.00			103.00	\$2,781.00		\$27.00		
202-02-26000	Removal of Manholes	EA	\$1,700	2	\$3,400.00	0.00	0.00			2.00	\$3,400.00				
202-02-32100	Removal of Pipe (Cross Drain) (60" CMP)	LF	\$55	410	\$22,550.00	8.00	440.00			402.00	\$22,110.00		\$440.00		
202-02-32120	Removal of Pipe (Side Drain) (24" RCP and 18" RCP)	LF	\$40	96	\$3,840.00	29.00	1160.00			67.00	\$2,680.00		\$1,160.00		
202-02-38500	Removal of Surfacing and Stabilized Base	SY	\$38	800	\$30,400.00	7.00	266.00			807.00	\$30,666.00		\$266.00		
203-02-00100	Drainage Excavation	CY	\$26.00	52	\$1,352.00	0.00	0.00			52.00	\$1,352.00				
203-05-00100	Excavation and Embankment	LS	\$69,000	1	\$69,000.00	0.00	0.00			1.00	\$69,000.00				
203-08-00100	Geotextile Fabric	SY	\$1.90	1724	\$3,275.60	242.00	459.80			1966.00	\$3,735.40		\$459.80		
204-02-00100	Temporary Hay or Straw Bales	EA	\$15.00	16	\$240.00	0.00	0.00			16.00	\$240.00				
204-06-00100	Temporary Silt Fencing	LF	\$7.00	269	\$1,883.00	27.00	189.00			242.00	\$1,694.00		\$189.00		
302-02-02100	Class II Base Course (6" Thick) (Stone or Recycled PCC)	SY	\$25.00	345	\$8,625.00	396.10	9902.50			741.10	\$18,527.50		\$189.00		
302-02-06120	Class II Base Course (12" Thick) (Stone or Recycled PCC)	SY	\$40	866.7	\$34,668.00	0.70	28.00			866.00	\$34,640.00		\$28.00		
402-01-00100	Traffic Maintenance Aggregate	CY	\$100.00	100	\$10,000.00	20.00	2000.00			80.00	\$8,000.00		\$2,000.00		
509-01-00100	Cold Planing Asphaltic Concrete	TON	\$155.00	415.6	\$64,418.00	70.10	10865.50			485.70	\$75,283.50		\$10,865.50		
509-02-00100	Contractor Retained Reclaimed Asphaltic Pavement	CY	\$125	37	\$4,625.00	0.00	0.00			37.00	\$4,625.00				
701-03-01020	Storm Drain Pipe (18" RCP)	LF	\$198	28	\$5,544.00	0.00	0.00			28.00	\$5,544.00				
701-03-01040	Storm Drain Pipe (24" RCP)	LF	\$180	72	\$12,960.00	32.00	5760.00			40.00	\$7,200.00		\$5,760.00		
702-02-00200	Manholes (R&CB-11)	EA	\$4,000	3	\$12,000.00	0.00	0.00			3.00	\$12,000.00				
702-04-00100	Adjusting Manholes	EA	\$1,449.59	1	\$1,449.59	2.00	2899.18			3.00	\$4,348.77		\$2,899.18		
706-02-00200	Concrete Drive (6" Thick)	SY	\$85	103.7	\$8,814.50	2.60	221.00			101.10	\$8,593.50		\$221.00		
711-01-03000	Rip Rap (30 Lbs., 14" Thick)	SY	\$88	43	\$3,784.00	29.00	2552.00			72.00	\$6,336.00		\$2,552.00		
713-02-00100	Temporary Pavement Markings (4" Width)	LF	\$0.30	4594	\$1,378.20	1302.00	390.60			1.00	\$10,000.00		\$390.60		
713-06-00100	Temporary Retroflected Raised Pavement Markers	EA	\$4.80	600	\$2,880.00	296.00	1420.80			304.00	\$1,459.20		\$1,420.80		
713-07-00100	Temporary Precast Concrete Barrier (Contractor Furnished)	EA	\$850	68	\$57,800.00	60.00	\$1000.00			128.00	\$108,800.00		\$51,000.00		
713-09-00100	Temporary Portable Barriers (Water Filled)	EA	\$435	225	\$97,875.00	225.00	97875.00			0.00	\$0.00		\$97,875.00		
713-10-00100	Temporary Precast Barrier Movement	EA	\$215	15	\$3,225.00	30.00	6450.00			45.00	\$9,675.00		\$6,450.00		
714-01-00600	Slab Sodding (St. Augustine)	SY	\$7.00	512	\$3,584.00	58.00	406.00			570.00	\$3,990.00		\$406.00		
715-01-00100	Topsoil	CY	\$36	900	\$32,400.00	18.00	648.00			882.00	\$31,752.00		\$648.00		
719-04-00100	Landscaping	LS	\$10,000	1	\$10,000.00	0.00	0.00			1.00	\$10,000.00				
726-01-00100	Bedding Material	CY	\$65	38.3	\$2,489.50	22.40	1456.00			15.90	\$1,033.50		\$1,456.00		
727-01-00100	Mobilization	LS	\$84,300	1	\$84,300.00	0.00	0.00			1.00	\$84,300.00				
729-01-00100	Sign (Type A)	SF	\$24	14.5	\$348.00	1.16	27.84			15.66	\$375.84		\$27.84		
729-21-00100	U-Channel Post	EA	\$40	4	\$160.00	0.00	0.00			4.00	\$160.00				
730-12-00100	Rmvl and Storage of Lt Poles (Grand Mount) (25 Ft., To be Re-installed)	EA	\$3,800	3	\$11,400.00	0.00	0.00			3.00	\$11,400.00				
732-01-01000	Plastic Pavement Striping (4" Width) (Thermo 90 Mil)	LF	\$0.75	1594	\$1,195.50	37.00	27.75			1631.00	\$1,223.25		\$27.75		
732-01-01020	Plastic Pavement Striping (6" Width) (Thermo 90 Mil)	LF	\$1.10	1698	\$1,867.80	39.00	42.90			1659.00	\$1,824.90		\$42.90		
732-04-01020	Plastic Pavement Legends & Symbols (Arrow - Straight)	EA	\$175	4	\$700.00	0.00	0.00			4.00	\$700.00				
732-04-02000	Plastic Pavement Legends & Symbols (Bicycle)	EA	\$310	4	\$1,240.00	0.00	0.00			4.00	\$1,240.00				
732-05-00100	Removal of Existing Markings	EA	\$135	9	\$1,215.00	0.00	0.00			9.00	\$1,215.00		\$184.80		
735-01-00100	Mailboxes	EA	\$68	9	\$612.00	0.00	0.00			9.00	\$612.00				
735-02-00100	Mailbox Supports (Single)	EA	\$68	9	\$612.00	0.00	0.00			9.00	\$612.00				
739-01-00100	Hydro Seeding	ACRE	\$2,640	1.45	\$3,828.00	0.64	1689.60			0.81	\$2,138.40		\$1,689.60		
740-01-00100	Construction Layout	LS	\$6,200	1	\$6,200.00	0.00	0.00			1.00	\$6,200.00				

ATTACHMENT NO 1 - DESCRIPTION OF CHANGES
P090204 - ORMOND BOULEVARD CULVERT REPLACEMENT

Item No.	Item 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				
741-01-01140	Water Main (12" PVC)	LF	\$310	16	\$4,960.00	3.00	930.00			13.00	\$4,030.00		\$930.00		
741-01-02080	Water Main (12" Ductile Iron)	LF	\$110	106	\$11,660.00	8.00	880.00			98.00	\$10,780.00		\$880.00		
802-05-00100	Cofferdams	LS	\$168,600	1	\$168,600.00		0.00			1.00	\$168,600.00				
805-02-00200	Precast Concrete Piles (14")	LF	\$36,54	6480	\$236,779.20		0.00			6480.00	\$236,779.20				
806-01-00100	Class A(M) Concrete Footings	CY	\$295	390	\$115,050.00	20.00	5900.00			370.00	\$109,150.00		\$5,900.00		
806-01-00100	Deformed Reinforcing Steel	LB	\$0.81	99031	\$80,215.11	70.00	56.70			98961.00	\$80,158.41		\$56.70		
NS-700-00180	Impact Attenuator (Construction Zone)	EA	\$15,478	1	\$15,478.00	2.00	30956.00			3.00	\$46,434.00				
NS-700-00181	Impact Attenuator Relocation (Construction Zone)	EA	\$1,080	1	\$1,080.00	2.00	2160.00			3.00	\$3,240.00				
S-001	Precast Concrete Bridge Units (28 Ft. Span X 6.5' Rise)	LS	\$353,300	1	\$353,300.00		0.00			1.00	\$353,300.00				
S-002	Relocation of Infrastructure Items	LS	\$125,000	1	\$125,000.00	1.00	125000.00			0.00	\$0.00				\$125,000.00
S-003	Sewer Force Main Offset	LS	\$16,000	1	\$16,000.00		0.00			1.00	\$16,000.00				
S-004	Project Signs	LS	\$1,250	1	\$1,250.00		0.00			1.00	\$1,250.00				
S-005	Timber Bulkhead	LS	\$40,000	1	\$40,000.00		0.00			1.00	\$40,000.00				
S-006	Barrier Modifications for Rain Events	LS	\$8,902.30	0	\$0.00	1.00	8902.30			1.00	\$8,902.30				\$8,902.30
S-007	Erosion Control - Turf Reinforcing Mats	SY	\$4,471.00	0	\$0.00	1.00	4471.00			1.00	\$4,471.00				\$4,471.00
NS-300-00060	Geogrid	CY	\$6.00	0	\$0.00	16.80	100.80			16.80	\$100.80				\$100.80
203-01-00100	General Excavation	CY	\$16.00	0	\$0.00	188.00	3008.00			188.00	\$3,008.00				\$3,008.00
203-04-00200	Non-Plastic Embankment (Sand)	CY	\$36.00	0	\$0.00	6.00	216.00			6.00	\$216.00				\$216.00

TOTALS: \$1,848,179.00 (\$110,522.93) \$0.00 \$1,737,656.07 \$118,547.97 (\$22,894.00) (\$222,875.00) \$16,698.10

RESULTING COST INCREASE TO ST. CHARLES PARISH (\$110,522.93) -5.98% of Base Bid