

**SECTION 00806**

**CHANGE ORDER**

No. 1

DATE OF ISSUANCE 11/05/2015

EFFECTIVE DATE 11/05/2015

OWNER St. Charles Parish  
CONTRACTOR Kostmayer Construction LLC  
Contract: Cousins Pump Station Discharge Pipe Replacement  
Project: Cousins Pump Station Discharge Pipe Replacement  
OWNER's Contract No. P130101-1 ENGINEER's Contract No. 20-1270  
ENGINEER Meyer Engineers, Ltd.

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 #5: Bedding Material (Net Section)  
Delete item in its entirety. (-\$15,000)

Total of Deducted Items = (-\$15,000)

2. Add the Following Work Items:

- a. New Contract Item #10: Lump sum item for change of means and method of removal and installation based on discovery of discharge basin having slope paving. This item includes the material and installation of pipe, additional flanges, and associated methods of installation presented by the contractor.  
Addition of \$60,000 (L.S.). See attached cost estimate for details.

Total of Added Work Items = (+\$60,000)

3. Revise the Following Work Item Quantities:

- a. Contract Item #5: Plastic Material (Backfill) (Vehicular Measurement)  
The quantity is to be changed to 400 CY (+\$9,000)  
b. Contract Item #2: 48" Welded Discharge Pipe  
The quantity is not changed. (+/- \$ 0)

Total of Change in Work Items Quantity = (+\$9,000)

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

1. Deleted Work Items

- a. Per Work Change Directive No. 1 – Bedding material (limestone) removed from project in order to replace bedding with clay material. Clay material will prevent transfer of water along pipe length. This item will not be used and can be eliminated from the contract.

2. Add Work Items

- a. Per Work Change Directive No. 3 – Lump sum item number 10 was added to project in order to allow the contractor a change to his means and method for installation and removal of pipe based on the discovery of discharge pipe having slope paving. This lump sum contract price change includes all costs for all known obstructions to date; work shall be completed in compliance with the contract documents and is subject to testing and inspection. The contract price change is inclusive of all work required and costs incurred under "Alternate Number 4" including but not limited to: lengthening of two pipes each by 5 linear feet, removal of existing pipe, welding (subject to owner testing as defined in the contract documents), pipe alignment, flange alignment meeting manufacturer's specifications ensuring minimum pipe stain to pump), shimming of pipes under pier saddles, and reinstallation of pipe straps. All other technical specifications as defined in the contract documents still apply & all work should be completed in accordance with the contract documents. This item will include the addition of forty (40) contract days based on the lead time

of the additional materials and additional days for installation. This lump sum item description, cost, and time was agreed upon by both St. Charles Parish and Kostmayer Construction LLC.

- b. Neither the Contractor nor the Owner have knowledge of any other substantial differences between the physical or subsurface conditions of the site and the technical data and specifications of the contract documents. Should the contractor uncover any other material differences between the technical specifications and physical conditions, contractor shall in accordance with Section 5.04 of the General Conditions (SCP-E-00700) immediately notify the Owner and Engineer in writing.

3. Revise Work Item Quantities

- a. Per Work Change Directive No. 1 – Additional clay material was added to project as bedding material. The revised quantity is increased by 150 CY. The total contract quantity is now 400 CY.
- b. Per Work Change Directive No. 2 – The contractor shall be allowed the use of spiral welded pipe that was prohibited in section 02618 of the contract specifications. Revised specifications provided by Meyer Engineers, Ltd. are included in the Work Change Directive No. 2. The quantity of pipe was not changed by this Work Change Directive.

**Attachments:**

Work Change Directive No. 1 (with attached detail by Meyer Engineers, Ltd.)

Work Change Directive No. 2

Work Change Directive No. 3 (with attached narrative by Kostmayer Construction LLC)

CHANGE IN CONTRACT PRICE:
Original Contract Price <u>\$196,340.00</u>
Net Increase (Decrease) from previous Change Orders No. ___ to ___: <u>\$0.00</u>
Contract Price prior to this Change Order: <u>\$196,340.00</u>
Net increase of this Change Order: <u>\$54,000.00</u>
Contract Price with all approved Change Orders: <u>\$250,340.00</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>December 1, 2015</u> Ready for final payment: <u>January 15, 2016</u> (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: <u>0</u> Ready for final payment: <u>165</u> (days)
Contract Times prior to this Change Order: Substantial Completion: <u>December 1, 2015</u> Ready for final payment: <u>January 15, 2016</u> (days or dates)
Net increase this Change Order: Substantial Completion: <u>40</u> Ready for final payment: <u>205</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>January 10, 2016</u> Ready for final payment: <u>February 24, 2016</u> (days or dates)

RECOMMENDED:

By: [Signature]  
ENGINEER (Authorized Signature)

Date: 11-5-15

APPROVED:

By: \_\_\_\_\_  
OWNER (Authorized Signature)

Date: \_\_\_\_\_

ACCEPTED:

By: [Signature]  
CONTRACTOR (Authorized Signature)

Date: 11/6/15

DM  
JSS  
JTB  
AC  
CS

**SECTION 00805**

**WORK CHANGE DIRECTIVE**

No. 1

DATE OF ISSUANCE September 2, 2015 EFFECTIVE DATE September 2, 2015  
Owner: St. Charles Parish  
Contractor: Kostmayer Construction LLC  
Contract: Cousins Pump Station Discharge Pipe Replacement  
Project: Cousins Pump Station Discharge Pipe Replacement  
Owner's Contract No.: P130101 Engineer's Contract No.: 20-1270  
ENGINEER: Meyer Engineers, Ltd.

Contractor is directed to proceed promptly with the following change(s):  
**Description:** Replacement of limestone bedding for the discharge pipes to clay as referenced in the attached drawing.

**Attachments:** (List documents supporting change) Revised cross section drawing SK-1 attached to this directive.

**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.

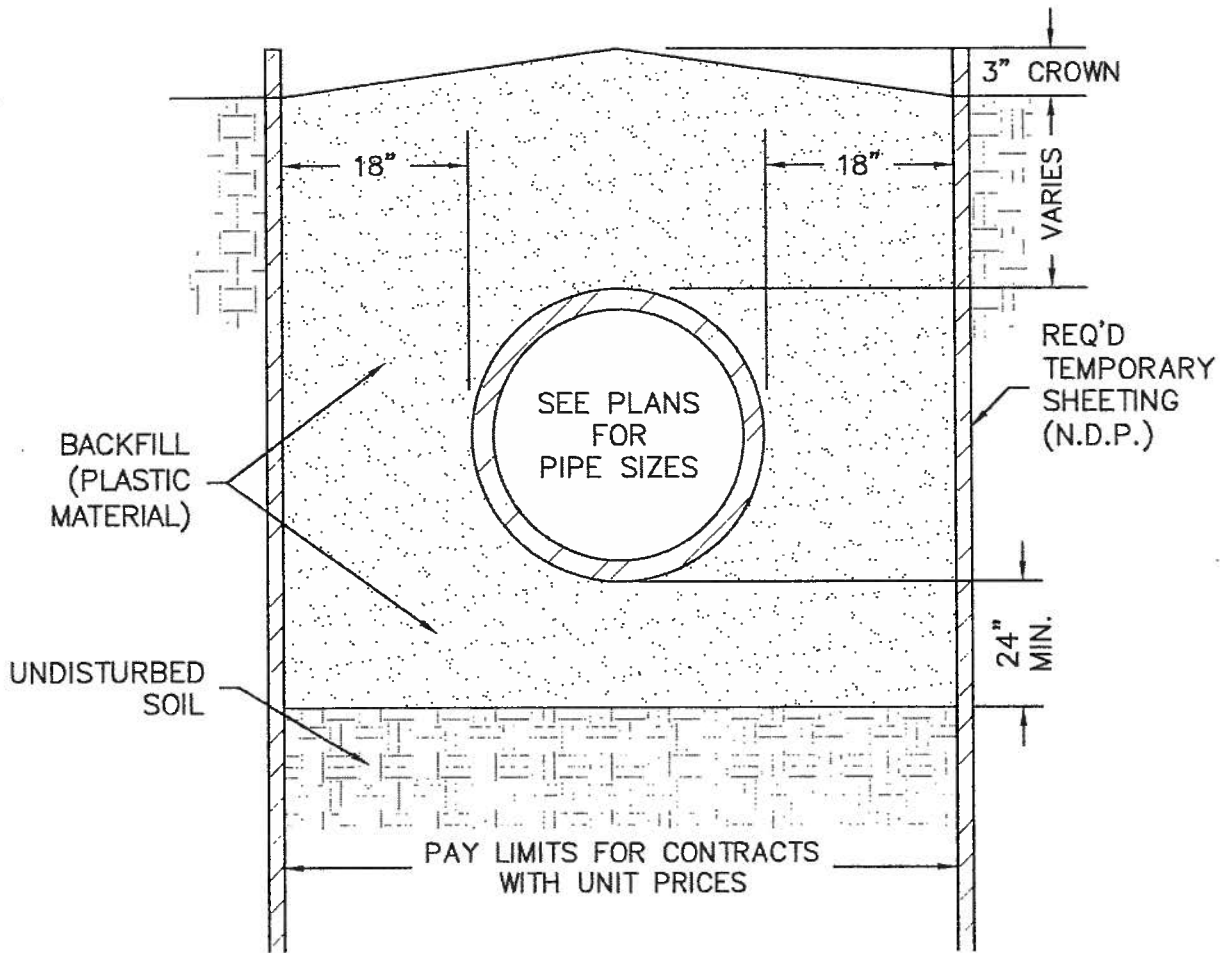
**Estimated Change in Contract Price and Contract Times (non-binding, preliminary):**  
Contract Price: \$ 6,000 [decrease]  
Contract Time 0 days [increase] [decrease]

**Basis of estimated change in Contract Price:**  
 Lump Sum  Unit Price  
 Cost of the Work  Other

Recommended: Limited Authorization By\*: Received:  
By: [Signature] By: Sam Falcetti By: Joseph Sharp  
Engineer (Authorized Signature) Owner's Representative\* Contractor (Authorized Signature)  
Title: [Signature] Title: PAROW Director Title: Project Manager  
Date: 9-10-15 Date: 9-10-15 Date: 9/3/15

\*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: \_\_\_\_\_



**NOTE:**  
 PLASTIC BACKFILL MATERIAL SHALL CONSIST OF EARTH MATERIALS NATURALLY OCCURRING OR CONTRACTOR BLENDED. MATERIALS THAT ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2487 AS "CL" OR "CH" WITH LESS THAN 35% SAND CONTENT ARE SUITABLE FOR USE AS BACKFILL MATERIAL. MATERIALS CLASSIFIED AS "ML" ARE SUITABLE IF BLENDED TO PRODUCE A MATERIAL THAT CLASSIFIES AS "CH" OR "CL" ACCORDING TO ASTM D 2487. ALL BACKFILL MATERIALS SHALL BE FREE FROM MASSES OF ORGANIC MATTER, STICKS, BRANCHES, ROOTS, AND OTHER DEBRIS INCLUDING HAZARDOUS AND REGULATED SOLID WASTES. MATERIALS PLACED IN THE SECTION MUST BE AT OR ABOVE THE PLASTICITY INDEX OF 10.

## RIGID PIPE INSTALLATION UNDER NATURAL GROUND

3  
 6

N.T.S.

project no. 20-1278  
 drawn JSE  
 checked JSE  
 date 09-02-2015  
 revised

### Meyer Engineers, Ltd.

4937 Hearst Street, Suite 1B, Metairie, Louisiana 70001  
 phone.504.885.9892 . fax.504-887-5056  
 website www.meyer-e-l.com



PIPE TRENCH DETAIL

**COUSINS PUMP STATION  
 DISCHARGE PIPE REPLACEMENT  
 ST. CHARLES PARISH, OWNER**

exhibit  
**SK-1**  
 of \_\_\_\_ sheets

20-1270  
L. J. Lee

Handwritten initials and marks on the right margin.

**SECTION 00805**

**WORK CHANGE DIRECTIVE**

No. 2

DATE OF ISSUANCE September 22, 2015 EFFECTIVE DATE September 22, 2015  
 Owner: St. Charles Parish  
 Contractor: Kostmayer Construction, LLC  
 Contract: Cousins Pump Station Discharge Pipe Replacement  
 Project: Cousins Pump Station Discharge Pipe Replacement  
 Owner's Contract No.: P130101 Engineer's Contract No.: 20-1270  
 ENGINEER: Meyer Engineers, Ltd

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

**Description:** Allow the use of spiral welded pipe that is prohibited in section 2618.

**Attachments:**

Specifications shall follow the email sent to Public Works by Jitendra Shah, PE on August 31, 2015:

**"PRODUCTS:**

This work consists of furnishing and installing 48" x 0.500" wall thickness spiralweld steel discharge pipes conforming to ASTM A-252 GR3 Standards for steel pipe as depicted on the drawings.

**PIPE WELDING:**

- All welders used upon the work of the Contract shall have been tested under the American Welding Society (AWS) "Standard Qualification Procedure". The Contractor shall certify that such tests were performed while the welder was in his employ. Welders and weld operators shall be qualified in accordance with AWS D1.1.
- Welding shall be in accordance with AWS structural welding code D1.1. All welds shall be complete joint penetration groove welds.
- Procedures for welding shall be in compliance with AWS structural welding code D1.1.
- Visual inspections per AWS D1.1 Table 1 shall be required:
  - One hundred percent visual inspection for all outside pipe welds.
  - At each pipe end, the first wrap of the inside weld shall be visually inspected.
- In accordance with AWS D1.1 Table 2, in-line Ultrasonic inspection of 100% of helical weld per ASTM A53, indications shall be inspected by handheld ultrasonic inspection.
- In accordance with AWS D1.1 Table 2; coil splice welds shall be Ultrasonically inspected.

**PROTECTIVE COATINGS:**

- All exterior surfaces of the discharge pipeline shall receive a two coat, coal-tar free epoxy coating; applied after sand blasting metal surfaces to minimum SSPC-SP10.
- All materials specified are manufactured by International.

- o Surface Prep: SSPC-SP10
- o 1<sup>st</sup> coat: Cathacoat 302H Primer
- o 2<sup>nd</sup> coat: Devtar 5A Epoxy – 8 mils
- o 3<sup>rd</sup> coat: Devtar 5A Epoxy – 8 mils”

The same welding procedure for welding the flange and flap gate does not change and UT test shall be done at those locations.

**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: \$ -0- [increase] [decrease]  
 Contract Time -0- days [increase] [decrease]

**Basis of estimated change in Contract Price:**

- Lump Sum
- Unit Price
- Cost of the Work
- Other

Recommended:	Limited Authorization By*:	Received:
By: <u>[Signature]</u> Engineer (Authorized Signature)	By: <u>[Signature]</u> Owner's Representative*	By: <u>[Signature]</u> Contractor (Authorized Signature)
Title: <u>PWS</u>	Title: <u>Director PWS</u>	Title: <u>Project Manager</u>
Date: <u>10-6-15</u>	Date: <u>9-10-15</u>	Date: <u>9/30/15</u>

\*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: \_\_\_\_\_

**SECTION 00805**

**WORK CHANGE DIRECTIVE**

No. 3

DATE OF ISSUANCE November 4, 2015 EFFECTIVE DATE \_\_\_\_\_  
Owner: St. Charles Parish  
Contractor: Kostmayer Construction, LLC  
Contract: Cousins Pump Station Discharge Pipe Replacement  
Project: Cousins Pump Station Discharge Pipe Replacement  
Owner's Contract No.: P130101 Engineer's Contract No.: 20-1270  
ENGINEER: Meyer Engineers, Ltd

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

**Description:** Directive will allow the contractor to change his means and methods to the attached description. This change is required due to the discovery of the discharge basin having slope paving preventing the installation of sheet pile coffer dam.

This directive encompasses the installation of two additional five foot (2x5') lengths, the installation of flanged sections to lengthen the pipe, and changes to the method of installation of the pipe. Due to the items required to facilitate this plan time will be added to the contract.

The cost of the directive is agreed upon by both, St. Charles Parish and Kostmayer Construction, LLC and will be incorporated into a Change Order to be submitted once this Work Change Directive is approved.

Contractor agrees that he does not know of any other problems with the completion of this project.

**Attachments:**

Letter from Kostmayer Construction, LLC received October 14, 2015 describing construction means.

**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: \$60,000 [increase] [~~decrease~~]

Contract Time 40 days [increase] [~~decrease~~]

**Basis of estimated change in Contract Price:**

- Lump Sum                       Unit Price  
 Cost of the Work               Other

Recommended:	Limited Authorization By*:	Received:
By: <u>[Signature]</u>	By: <u>[Signature]</u>	By: <u>[Signature]</u>
Engineer (Authorized Signature)	Owner's Representative*	Contractor (Authorized Signature)
Title: <u>President</u>	Title: <u>Director PWTWW</u>	Title: <u>Project Manager</u>
Date: <u>11-5-15</u>	Date: <u>11-9-15</u>	Date: <u>11/6/15</u>

\*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: \_\_\_\_\_



**KOSTMAYER CONSTRUCTION, LLC**

1080 OLD SPANISH TRAIL, SUITE 14  
SLIDELL, LA 70458

**CONTRACTOR LICENSE #25747**

OFFICE: (504) 837-3320  
OR (985) 639-3575  
FAX: (504) 837-8878

St. Charles Parish Government

RE: Alternate #4

This plan is an alternative for replacing the 2- 48" discharge pipes at cousins pumping station without the use of a shoring box. The sequence below is only a draft for the purpose of discussion and may not be the final sequence of events in replacing these pipes.

Although the drawings specifically call out new drainage pipes to be 82' in length, during the process of designing the shoring box the existing pipes were measured and found to be 94' in length. Assuming this was not on purpose and a new 10 section of pipe will have to be installed please see the sequence of events for replacing the 2 - 48" discharge pipes at cousins pumping station.

1. The new drainage pipes will have to be cut to install an additional 10 feet to each pipe. Once cut one end will be butt welded and the other connection will be made up of flanges. This will require 3 additional 48" welds per pipe.
2. Use a heavy visqueen to wrap the end of the discharge pipe and tie back to secure.
3. Remove unnecessary bolts in existing flanged connection.
4. Remove all but the last 6' section of soil from around 1 pipe.
5. Cut and remove a 15' section out of pipe.



EQUAL OPPORTUNITY EMPLOYER

**KOSTMAYER CONSTRUCTION, LLC**

1080 OLD SPANISH TRAIL, SUITE 14  
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**CONTRACTOR LICENSE #25747**

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FAX: (504) 837-8878

6. Remove final bolts from flanged connection
7. Lift approx. 58' long section of existing pipe from flanged connection to cut.
8. Install approx. 60' long section of new pipe from flanged connection towards the discharge pond.
9. Install 1" thick plywood to end of flanged new pipe to prevent water from flowing through new pipe.
10. Backfill new pipe up to flanged connection.
11. Remove remaining 6' section of soil from existing pipe.
12. Remove last section of existing pipe from trench, at this point there will be water in the trench up to the limits of the new backfill but will not enter the new pipe nor the suction side of pumping station.
13. Install new section of pipe with flapgate assembly.
14. Backfill with flowfill or clay soils approx. the last 6' of levee
15. Pump out water from trench with 2- 3" trash pumps, dry out and backfill remaining open trenched area.
16. Repeat.



  
Jimmie Kostmayer Jr.



Joseph Sharp



EQUAL OPPORTUNITY EMPLOYER