CHANGE ORDER FORM

CHANGE ORDER NUMBER	02

PROJECT:	FM 1000: Construction of a new location, non-freeway facility, consisting of grading, structures, base, surfacing, signals and pavement markings. From Proposed US 271 Relief Route, east to FM										
	1735.										
CONTRACTOR:	James Construction Gro	oup. LLC		****							
	ected to make the following		act Documents.								
CHANGES:	Revise wingwalls at sta	. 300+31.83									
ATTACHMENTS:	See Separate list of Att	achments									
	CHANGE IN CONTRACT P	RICF	CHANGE IN CONTRAC	T TIME							
1. Original Price:	CHANGE III CONTAACT I	\$ 18,846,843.37	Original Time:	383	DAYS						
2. Total of Prior Ch	ange Orders:	\$0.00	Total of Prior Change Orders:	0	DAYS						
			Total Time Prior to Current								
3. Total Price Prior	to Current Change Order:	\$ 18,846,843.37	Change Order:	383	_DAYS						
4. Total of Current	Change Order:	\$2,964.69	Total of Current Change Order:	0	_DAYS						
5. New Price Result Order:	ting from Current Change	\$ 18,849,808.06	New Time Resulting from Current Change Order:	383	DAYS						
AGREED BY:											
James Constructi	ion Group, LLC										
			(Signature)	(D	ate)						
PTP Transportati	ion, LLC:										
			(Signature)	(D	ate)						
APPROVED BY:	-										
Titus County:											
•			(Signature)	(D	ate)						
Texas Departme	nt of Transportation:	***************************************		_							
			(Signature)	(D	ate)						
Federal Highway	Administration:										
			(Signature)	(D	ate)						

COST REPORT

Item Number Item Desc.		Description	Unit	Unit Unit Price		Change Order Quantity	Revised Quantity	Change Order Cost	
Change O	rder 02	 							
466		WINGWALL (FW-0)(HW=6FT)	EA	\$ 7,300.00	2.00	-2.00	0.00	\$ (14,600.00)	
466	9999	WINGWALL (FW-0)(HW=6FT), Partial	LS	\$ 3,035.84	0.00	1.00	1.00	\$ 3,035.84	
466	2048	WINGWALL (PW)(HW=4FT)	EA	\$ 7,105.35	0.00	1.00	1.00	\$ 7,105.35	
466	2050	WINGWALL (PW)(HW=6FT)	EA	\$ 7,423.50	0.00	1.00	1.00	\$ 7,423.50	
							*******	•	
	L				.	TOTAL CHANGE	ORDER COST =	\$ 2,964.69	

Page 1 of 1 Last Revised: 2/6/2014



FM 1000 - Change Order 02 List of Attachments

- Letter to TxDOT Re: Change Order 02 Justification
- Letter to TxDOT Re: Change Order 02 Price Justification
- Letter to TxDOT Re: Change Order 02 Environmental Assurance Statement
- Construct Modified Wing Walls at STA 300+31.83
 - o Revised Culvert 13 Plan Sheets
 - o James Construction Change Order Request and Pricing Summary
 - o Highway 19 Construction Pricing Breakdown
 - o TxDOT Average Bid Price



February 5, 2014

Mr. Roger Ledbetter, P.E. Area Engineer – Mount Pleasant Texas Department of Transportation – Atlanta District 2210 W. Ferguson Mount Pleasant, Texas 75455

RE: Titus County CSJ: 1226-04-01 FM 1000

Change Order 02 Justification

Dear Mr. Ledbetter:

PTP Transportation, LLC, on behalf of Titus County, is submitting for your review and approval Change Order 02 for the subject project. This change order is necessary to provide for payment for modifications to culvert 13 on the project.

Due to limited lateral space in drainage ditches, the culvert inlet and outlet wingwalls have been modified to shorten the length the structure.

All of the costs associated with this change order are summarized in the Cost Report, included with this change order. The breakdown of costs are summarized and discussed on a separate letter under the subject of price justification. If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

PTP TRANSPORTATION, LLC

Pichell. Kowberger P.E.

Richard L. Kronenberger, P.E. Director of Construction Services

Attachments

cc: PTP Transportation, LLC Staff

File



February 5, 2014

Mr. Roger Ledbetter, P.E. Area Engineer – Mount Pleasant Texas Department of Transportation – Atlanta District 2210 W. Ferguson Mount Pleasant, Texas 75455

RE: Titus County

CSJ: 1226-04-01

FM 1000

Change Order 02 Price Justification

Dear Mr. Ledbetter:

This letter serves as notice that the new pay items and prices below has been reviewed and are considered fair and reasonable for the subject project. The new pay items are as follows:

Item Number		Description	Unit	Unit Price
Item	Desc	Description	Oun	Olit Frice
0466	9999	WINGWALL (FW-0)(HW=6FT), Partial	LS	\$3,035.84
0466	2048	WINGWALL (PW)(HW=4FT)	EA	\$7,105.35
0466	2050	WINGWALL (PW)(HW=6FT)	EA	\$7,423.50

This consideration is made based on the justification provided for each item consisting of quotes, previously established labor and equipment rates, and invoices provided. Each Item is discussed in greater detail below.

0466-9999 WINGWALL (FW-0)(HW=6FT), Partial

This new item is created to allow for payment of work completed before the wingwall design change was implemented. The pricing justification is based on the attached invoice from Highway 19 Construction for the work completed with allowable markup. After reviewing the invoice, several rates for labor and equipment are in a price per day. This gives some cost savings as the rates per day are lower than a typical per hour charge for eight hours. The pricing for this Item is considered fair and reasonable.

0466-2048 WINGWALL (PW)(HW=4FT)/ 0466-2050 WINGWALL (PW)(HW=6FT)

These new item costs are to establish a unit price for new wingwall design. A comparison to the attached state average bid prices of \$7499.55 for Item 0466-2048 and \$8,909.54 for Item 0466-2050 indicates the contractor estimate attached is priced competitively. The pricing also includes allowable markups for the work performed and is considered to be fair and reasonable.

February 5, 2014 Mr. Roger Ledbetter US 271 Change Order 11 Price Justification Page 2

If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

Richard L. Kronenberger, P.E.

Assistant Director of Construction Services

Rich Pl. Kowbergan P.E.

ce: PTP Transportation, LLC Staff

File



February 5, 2014

Mr. Roger Ledbetter, P.E. Area Engineer – Mount Pleasant Texas Department of Transportation – Atlanta District 2210 W. Ferguson Mount Pleasant, Texas 75455

RE: Titus County

CSJ: 1226-04-01

FM 1000

Change Order 02 Environmental Assurance Statement

Dear Mr. Ledbetter:

This letter is to serve as notice that the proposed work on this change order will not affect any of the environmental clearances or commitments for the subject project. The work in this change order includes modifying the end treatments of culvert 13 at STA 300+31.83 to shorten the length of the wingwalls.

If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

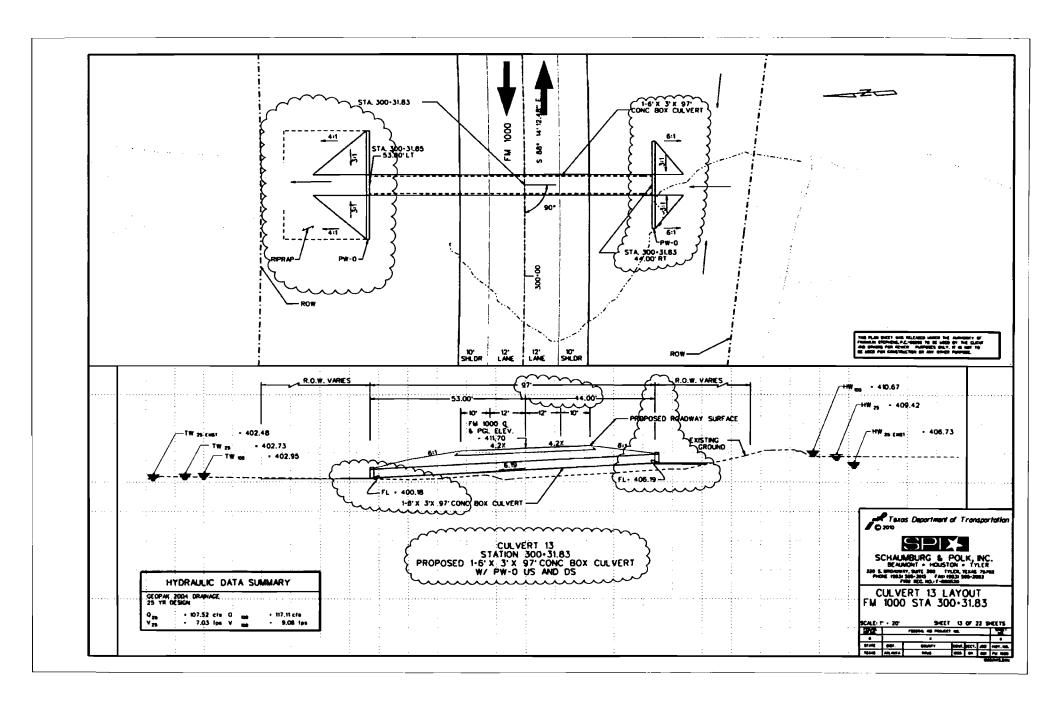
PTP TRANSPORTATION, LLC

Terry L. Plucker

Director of Environmental Services

cc: PTP Transportation, LLC Staff

File



Culvert Station and/or Cresh reme fallowed by applicable and G.L. Rt or Bolisi	Description of Sex Cubrert	Mon Fill Height	Applicable Box Culvert Standard	Applicable thingwall or End Treatment Standard	2000 Angle (0° .0° .	Side Stope or Charrier Stope Ratio	T Cubveri Tep Slab Mickness	Culvert Well Thickness	Estimated Curb Maight	terigni strigues Wingues	Curb to End of Wingwall	Offices of End of Wingwall	Longth of Longest Wingood	Lie Correct Televall Langin	Ate Anchor Toesali Largih	Apr on	Conc Core (Core)	Class (E Corrections Wingstell	Total Wingson Ar so
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Show Angle - O* for SW-0, FW-0, SETS-CD, SCTS-SW-0, and SETS-FW-0 standards.
30° Maximum for Solety End Treatment

St.1 - Herisantel'i Verlicel Side Steps et culvert for Flored or Straight Wingoulle. Channel Steps for Parallel Mingoulle. Steps shades 3-1 or Instant for Solidy End Treatments.

- T Box Culvert Top Slot: Thickness. Dimension can be found on the applicable Box Culvert Standard.
- U Box Culvert Well Thickness. Dimension can be found on the applicable Box Culvert Standard.
- C Curb Heldel.

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Sea assignable sing or and transment standards for catalations of Me, A, B, Le, Lie, Me, and Total Mingwell Arac.

the " Height of Mingwell.

A - Distance from Foce of Curs to End of Wingwell (Not applicable to Perdator Straight Wingwells).

B - Olitect of End of Mingwell (Not applicable to Perdator Straight Wingwells).

Le - Length of Largest Mingwell.

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Als - Langth of Anthor Toward (Applicable to Solety End Tractional only).

Total Mingwell Arac - Wingwell on N S.T. for a drapeth form structure and if Li or Rt.

- 1) The wallholphia shows will be rounded to the nearest Fact for hidding purposes.
- (2) Concrete volume steem is for box culvert curb only. For curbe using the RAC steendard, quantities shown must be increased by a lactor of 2. If Closs 'S' concrete in required for the top sists of the culvert, the curb concrete should like to Comman '3'. Curb concrete is considered part of the Box Culvert for polyment.
- 3) Concrete volume streem is total of sing, footing, collect leaved III only), exchar (see all of any) and singuel teaved. Rigney spron, culver) and curb quantities are not included.
- Assertings of the type of culvert shown on this sheet, the Contractor shell here the aption of furnishing cell in-shoot or process culver a widess either relations interested to the sheet, if the Contractor shows no show there is the sheet, if the Contractor short is previde culverts of a different type then these shown on this sheet, it should be the Contractor's responsibility to make the secretary adjustments to the dimensions and quantities shown.

#### SPECIAL NOTE:

This sheet is a supplement to the Box Culvist standards. It is to be filted out by the culvest specifier and pravides dimensions for the construction of the Box Culvert Wingadia and Sefety End Treatments.

An Excel 97 apreceives to qualitative completing this table con be developed in French the Bridge Standards (English) web page on the ToOT was after the completines the beginning on the standard and doted by a Economic Professional Engineer.

-## Texas Department of Transportation Bridge Division

BOX CULVERT SUPPLEMENT WINGS AND END TREATMENTS

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January 9, 2014

Mr. Rick Kronenberger, P.E.
PTP Transportation
1500 Research Forest Drive, Ste 200
The Woodlands, TX 77381

RE: FM 1000

Proposed US 271 Relief Route East - FM 1735

Titus County

TxDOT CSJ No: 1226-04-001

Subject: Change Order Request for Wingwall Revisions at sta. 300+31.83

Mr. Kronenberger:

Please accept the following prices associated with the changed wingwalls. The prices reflect the subcontractor prices plus the allowed 5% subcontractor markup, and 1% bond. Please see attached for justification from the subcontractor.

466-2048 Wingwall (PW)(HW=4) @ \$7,105.35/EA 466-2050 Wingwall (PW)(HW=6) @ \$7,423.50/EA Work already completed on original Wingwall @ \$3,035.84/LS (revised)

**Thanks** 

Scott N Pickett Project Manager

James Construction Group 318-957-9823 (mobile)

Doot Sit

CC: Project Files

# REVISED

# HIGHWAY 19 CONSTRUCTION P.O BOX 492 SULPHUR SPRINGS, TX 75482 CELL# (903)243-4187 FAX# (903)885-9782

## Breakdown of cost.

LABORERS	(6)	X	12 hr	X	\$12.00 per hour=	\$864.00
FOREMAN	(2)	X	2 days	X	\$250.00 per day=	\$1,000
TRUCKS	(2)	X	2 days	X	\$100.00 per day=	\$400.00
CAT EXCAE	BATOR		2 days	X	\$300.00 per day=	\$600.00
					TOTAL:	\$2,864.00

f'			Janua	ry 31, 2014	Twelve M		
Item No.	Description	Unit	Quantity	Average Bid	Quantity	Average Bid	Usage
466 2048	WINGWALL (PW) (HW=4 FT)	EA	10.000	8,844.00000	37.000	7,499.55216	14
466 2050	WINGWALL (PW) (HW=6 FT)	EA	1.000	23,000.00000	74.000	8,909.53905	23