

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 6

Received **RECEIVED**
MAY 06 2014 MAY 06 2014
BY: **PSI**
HNTB Corporation
Round Rock

1. CONTRACTOR: Hunter Industries, Ltd.
2. Change Order Work Limits: Sta. 272+71 to Sta. 272+83
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 2G (3 Max. - In order of importance - Primary first)

Project:	<u>13IFB00108</u>
Roadway:	<u>IH 35 NBFR</u>
CSJ Number:	<u>0015-08-128, etc.</u>

5. Describe the work being revised:

2G: Differing Site Conditions (unforeseeable). Unadjusted Utility (unforeseeable). This Change Order increases the contract quantity of Class C concrete to provide compensation for construction of a concrete slab over an existing high pressure Atmos gas line, located under the future northbound frontage road at Sta. 272+77. Constructing a concrete slab to protect the gas line in lieu of utility relocation provides an overall cost savings to the County. This Change Order is FHWA non-participating.

6. Work to be performed in accordance with Items: Atmos General Notes on Attached Plan Sheet
7. New or revised plan sheet(s) are attached and numbered: Atmos ENG DRG # UEI-080.40623-21169-1101
8. New Special Provisions to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</i> THE CONTRACTOR _____ Date <u>4-25-14</u> By <u>[Signature]</u> Typed/Printed Name <u>CARTER STONE</u> Typed/Printed Title <u>ESTIMATOR</u>	The following information must be provided Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u> Amount added by this change order: <u>\$72,800.00</u>
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RECOMMENDED FOR EXECUTION:

_____ Project Manager Date _____ Design Engineer Date <u>[Signature]</u> <u>5/6/2014</u> Program Manager Date Design Engineer's Seal: N/A	_____ County Commissioner Precinct 1 Date ☐ APPROVED ☐ REQUEST APPROVAL _____ County Commissioner Precinct 2 Date ☐ APPROVED ☐ REQUEST APPROVAL _____ County Commissioner Precinct 3 Date ☐ APPROVED ☐ REQUEST APPROVAL _____ County Commissioner Precinct 4 Date ☐ APPROVED ☐ REQUEST APPROVAL _____ County Judge Date ☐ APPROVED
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Project # 13IFB00108

6

TABLE B: Contract Items[illegible]

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Pass Through Financing Project

**IH 35 Northbound Frontage Road
Williamson County Project No. 13IFB00108**

Change Order No. 6

Reason for Change

This Change Order increases the contract quantity of Class C concrete to provide compensation for construction of a concrete slab over an existing high pressure Atmos gas line, located under the future northbound frontage road at Sta. 272+77. Constructing a concrete slab to protect the gas line in lieu of utility relocation provides an overall cost savings to the County. This Change Order is FHWA non-participating.

No new items are required for this Change Order.

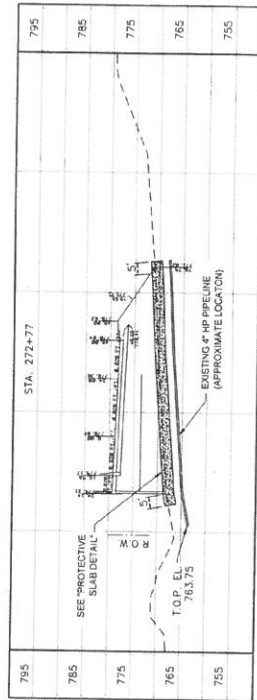
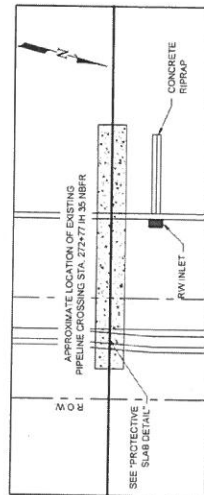
This Change Order results in a net increase of \$72,800.00 to the Contract amount, for an adjusted Contract amount of \$19,196,316.35. The original Contract amount was \$18,690,161.52. As a result of this and all Change Orders to date, \$506,154.83 has been added to the Contract resulting in a 2.71% net increase in the Contract cost. No additional days will be added or deducted from the Contract as a result of this Change Order.

HDR Engineering, Inc.

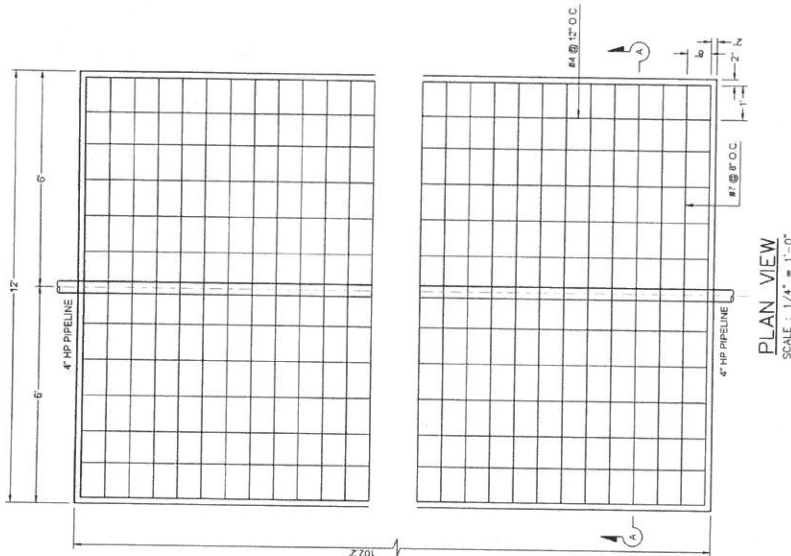
Joe Crable
Resident Representative

GENERAL NOTES

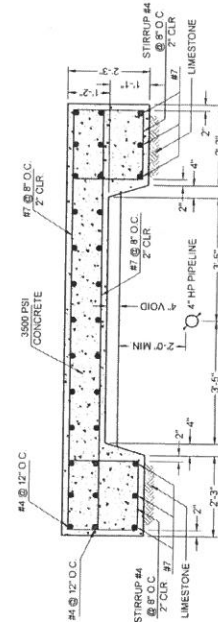
- THIS LOAD ISOLATING STRUCTURE/PROTECTIVE SLAB IS DESIGNED TO CARRY ALL FORESEENABLE LIVE AND DEAD LOADS AWAY FROM THE PIPELINE AND RESULT IN ZERO PSF OVER AND ABOVE THE EXISTING DEAD LOAD ON THE PIPELINE.
- THE LOAD ISOLATING STRUCTURE IS SUPPORTED ON HARD LIMESTONE AS INDICATED ON THE DRAWINGS #233, 234, AND 289 OF THE INTB DESIGN PACKAGE. THE DESIGN INCLUDES THE ASSUMPTION THAT HIGHLY PLASTIC CLAY (POSSIBLY FROM THE EXISTING SITE) WILL BE REMOVED TO AN ANTICIPATED DEPTH OF 24 INCHES TO EXPOSE THE HARD LIMESTONE. IN THE EVENT THAT EXISTING SITE SOIL CONDITIONS ARE COMPOSED OF ANY PLASTIC MATERIALS INCLUDING BUT NOT LIMITED TO EXPANSIVE CLAY, CONTRACTOR SHALL IMMEDIATELY CONTACT UNIVERSAL ENSCO, INC. FOR FURTHER INSTRUCTIONS BEFORE PROCEEDING. UNIVERSAL ENSCO, INC. ASSUMES NO LIABILITY FOR THE FOUNDATION.
- THE LOAD ISOLATING STRUCTURE SHALL EXTEND FIVE (5) FEET EAST OF RETAINING WALL AND FIVE (5) FEET WEST OF RETAINING WALL ANCHORS.
- CONCRETE STRENGTH AT 28 DAYS SHALL BE 3500 PSI MINIMUM.
- REINFORCED STEEL SHALL BE ASTM A615, GR60 MINIMUM.
- THE LOAD ISOLATING STRUCTURE IS DESIGNED FOR API-1102 LOADING WITH A MAXIMUM UNIFORM LOAD OF 100 PSF. THE TOP OF PAVERMENT IT WAS INDICATED BY THE DRAWINGS PROVIDED BY THE OWNER. THE PAVERMENT WILL BE A MINIMUM OF 12 FEET ABOVE THE PROTECTIVE SLAB.
- CONTRACTOR SHALL CONTACT ATMOS ENERGY FCC DOLG KNAUTH (OFFICE: 512-844-6903) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY WORK WITHIN ATMOS ENERGY'S EASEMENT.
- CONTRACTOR SHALL CONTACT THE STATEWIDE ONE CALL SYSTEM (1-800-344-8377) AT LEAST 48 HOURS (2 BUSINESS DAYS) PRIOR TO COMMENCING ANY WORK WITHIN ATMOS ENERGY'S EASEMENT.
- CONTRACTOR SHALL ARRANGE FOR AN ATMOS ENERGY REPRESENTATIVE TO ANY ACTIVITY WITHIN THREE (3) HORIZONTAL FEET OF ANY ATMOS ENERGY ASSET.
- CONTRACTOR SHALL FIELD DETERMINE EXACT LOCATION AND DEPTH OF ANY ATMOS ENERGY ASSET.
- AT NO TIME DURING OR AFTER CONSTRUCTION SHALL THE COVER OVER THE PIPELINE BE REMOVED NOR SHALL FINAL DEPTH OF COVER OVER THE PIPELINE BE LESS THAN 24 INCHES (TOP OF PAVERMENT TO TOP OF PIPE) WITHOUT PRIOR WRITTEN APPROVAL OF ATMOS ENERGY.
- ANY FILL IN CONTACT WITH THE STRUCTURE INCLUDING THE TOP 1'-0" OF IN SITU SOIL, SHALL BE COMPACTED TO 95% PROCTOR DENSITY. FOOTING (SIDES AND BOTTOM) TO BE EARTH FORMED IN UNDISTURBED SOIL. UNDISTURBED SOIL DOES NOT REQUIRE STABILIZATION. IN SITU SOIL BENEATH AIR VOID SHOULD NOT TO BE COMPACTED.
- MECHANICAL EXCAVATION (AND/OR COMPACTION) INCLUDING POtholing IS NOT ALLOWED WITHIN THREE (3) HORIZONTAL FEET OF ATMOS ENERGY'S FACILITIES ANY EXCAVATION AND/OR COMPACTION OCCURRING WITHIN THE 12' HORIZONTALITY OF ATMOS ENERGY'S FACILITIES MUST BE DONE BY HAND.
- VOID FORM SHALL BE 4" SLAG VOO AS MANUFACTURED BY SUREVOID PRODUCTS INC. AND SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- ENDS OF VOID FORM SHALL BE SEALED TO PREVENT CONCRETE FROM FLOWING INTO VOIDS.
- ATMOS ENERGY WILL NOT BE RESPONSIBLE FOR DAMAGE TO ANY ALLOWED ENCROACHMENTS.
- FINAL SITE DRESSINGS SHALL RESTORE THE ATMOS ENERGY RIGHT-OF-WAY TO AN "AS GOOD OR BETTER" CONDITION AS COMPARED TO EXISTING. SPOIL DIRT AS WELL AS ANY TRASH SHALL BE REMOVED FROM THE RIGHT-OF-WAY AND ANY SLOPES SHALL BE GRADED SO THAT ACCESS TO THE RIGHT-OF-WAY AS REQUIRED AND IN A MANNER SUCH THAT SLOPES CAN BE MECHANICALLY MAINTAINED.
- UNIVERSAL ENSCO, INC. ADDED THE PROPOSED ATMOS PROTECTIVE SLAB DESIGN TO THE EXISTING DRAWINGS PROVIDED BY HNTB.



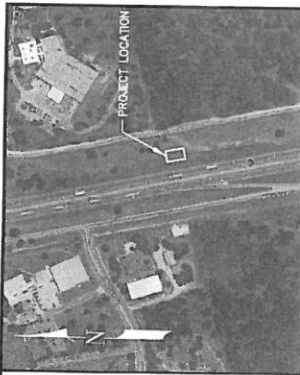
PLAN AND PROFILE
HORIZ. : 1" = 50'
VERT. : 1" = 25'



PLAN VIEW
SCALE : 1/4" = 1'-0"



PROTECTIVE SLAB DETAIL - SECTION A-A
SCALE : 1/4" = 1'-0"



VICINITY MAP
N.T.S.

RE-ISSUED FOR NOTIFICATION



LOCAL LAWS, A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFIES THAT THE SEAL AND MECHANICAL DESIGN OF THIS PROJECT HAS BEEN REVIEWED AND APPROVED FOR THE PURPOSES OF THE TEXAS PROFESSIONAL ENGINEERING ACT. THE DESIGN OF THIS PROJECT IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT AND THE ENGINEER HAS NO LIABILITY FOR ANY ERRORS OR OMISSIONS IN THE DESIGN OR FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS PROJECT. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN OF THIS PROJECT ONLY. THE ENGINEER'S LIABILITY DOES NOT EXTEND TO ANY OTHER PROJECTS OR TO ANY OTHER ENGINEERS OR ARCHITECTS. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN OF THIS PROJECT ONLY. THE ENGINEER'S LIABILITY DOES NOT EXTEND TO ANY OTHER PROJECTS OR TO ANY OTHER ENGINEERS OR ARCHITECTS.

DATE: 9-12-2013
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]

NO.	DATE	REVISION
A	07/02/13	ISSUED FOR NOTIFICATION
B	08/11/13	RE-ISSUED FOR NOTIFICATION



PROJ. MGR.	M. PEREZ
W.O. ID.	6000730
DRAWN BY:	USI
CHECKED BY:	POH
APPROVED BY:	JTE
DATE	07/02/13
DATE	07/02/13

GAS UTILITY LOCATION
EXISTING 20-1 4" HP STEEL PIPELINE
IH-35 NBFR - STA. 272+77 CROSSING
GENERAL NOTES / PLAN & DETAIL

WILLIAMSON COUNTY	SCALE	AS SHOWN	SHEET	1 OF 1	REV	TEJAS
DRAWING NO.	UE-1000-40023-21169-1101					B

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

From: Crable, Joe [<mailto:Joe.Crable@hdrinc.com>]
Sent: Thursday, March 20, 2014 11:33 AM
To: Clayton Weber
Cc: Laura Harris; Paul Terranova; Tiffany McConnell
Subject: FW: IH 35 NBFR Williamson Co. Concrete Cap over Atmos.

Clayton

As we discussed, this is the email from Hunter requesting to do the Atmos Gas Concrete Cap under the existing Item 0420-2013 CL C CONC. (misc.).

JOE CRABLE

HDR Engineering, Inc.
Professional Associate

Cell: 972.207.9901
Joe.Crable@hdrinc.com | hdrinc.com
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-----Original Message-----

From: Crable, Joe
Sent: Thursday, September 26, 2013 3:14 PM
To: 'Gary Tackert'
Cc: Jacquelyn Hagelgans; Rhonda Tucker; Butch Anderson; Carter Stone; Cody Doyal; Clayton Weber
Subject: RE: IH 35 NBFR Williamson Co. Concrete Cap over Atmos.

Gary

This is acceptable to us. Please proceed.
Thank you,

JOE CRABLE

HDR Engineering, Inc.
Professional Associate

Cell: 972.207.9901
Joe.Crable@hdrinc.com | hdrinc.com
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-----Original Message-----

From: Gary Tackert [<mailto:gtackert@hunterind.com>]
Sent: Thursday, September 26, 2013 1:46 PM
To: Clayton Weber; Crable, Joe
Cc: Jacquelyn Hagelgans; Rhonda Tucker; Butch Anderson; Carter Stone; Cody Doyal
Subject: IH 35 NBFR Williamson Co. Concrete Cap over Atmos.

Gentlemen,

Hunter would like to perform this new work under our existing item 0420-2013 CL C CONC. (misc.). We would also like to start fairly quick, please let us know if this will work.

Thank you,

Gary Tackert
Project Manager
Hunter Industries, Ltd.
gtackert@hunterind.com
(512)665-4501

From: Crable, Joe [<mailto:Joe.Crable@hdrinc.com>]
Sent: Friday, December 06, 2013 10:46 AM
To: Laura Harris
Cc: Clayton Weber; Tiffany McConnell
Subject: Draft Change Order No. 6 - Atmos Gas Line Cap

Laura

Attached is the draft of Change order No. 6 adding 72.8 CY of concrete to the existing contract Item 420-2013 - CL C CONC (MISC) for the construction of the Load Isolating Structure/Protective Concrete Slab over the existing Atmos Gas line. This gas line crosses under the future IH 35 NBFR near the West Fork Smith Branch bridge and was required by TxDOT.

Please call me if you have any questions.

Thank you,

JOE CRABLE

HDR Engineering, Inc.
Professional Associate

Cell: 972.207.9901

Joe.Crable@hdrinc.com | hdrinc.com

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