



Received

MAY 26 2016

Received

MAY 18 2016

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

HNTB Corporation
Round RockHNTB Corporation
Round Rock

1. CONTRACTOR: Cox Commercial Construction
2. Change Order Work Limits: Sta. 17+09.69 to Sta. 72+55.77
3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 3K (3 Max. - In order of importance - Primary first)

Project: 1601-045

Roadway: Bill Pickett Trail

CSJ Number: 1601-045

5. Describe the work being revised:

This Change Order adds Select Fill material to be used in lieu of Lime Treated Subgrade. This change requires adjustments to the earthwork quantities and deletes the lime related items from the Contract.

6. Work to be performed in accordance with Items: 110, 132, 247, 260.
7. New or revised plan sheet(s) are attached and numbered: N/A
8. New Special Provisions/Specifications 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).

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.	The following information must be provided
THE CONTRACTOR Date <u>5/17/16</u>	Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u>
By _____	Amount added by this change order: <u>(\$85.80)</u>
Typed/Printed Name <u>DARREN DEWITTE</u>	
Typed/Printed Title <u>S.R. V.P.</u>	

RECOMMENDED FOR EXECUTION:

James D. K. P.E. 5/24/16
Project Manager Date

N/A
Design Engineer Date

M. W. H. 5/25/2016
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

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

Project # 1601-045

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
0110-6001	Excavation (Roadway)	CY	\$7.00	16248.00	\$113,736.00	3,126.00	19,374.00	\$135,618.00	\$21,882.00
0132-6003	Embankment (Final)(Ord Comp)(Ty B)	CY	\$16.00	19925.00	\$318,800.00	(3,123.00)	16,802.00	\$268,832.00	(\$49,968.00)
0260-6002	Lime (Hydrated Lime)(Slurry)	TON	\$145.00	397.00	\$57,565.00	(397.00)	0.00	\$0.00	(\$57,565.00)
0260-6073	Lime Trt (Subgrade)(8")	SY	\$3.20	30559.00	\$97,788.80	(30,559.00)	0.00	\$0.00	(\$97,788.80)
999-0001	Select Fill (8")	SY	\$6.00	0.00	\$0.00	30,559.00	30,559.00	\$183,354.00	\$183,354.00
TOTALS					\$587,889.80			\$587,804.00	(\$85.80)

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 Road Bond Program

**Bill Pickett Trail
Williamson County Project No. 1601-045**

Change Order No. 01

Reason for Change

This Change Order adds Select Fill material to be used in lieu of Lime Treated Subgrade. This change requires adjustments to the earthwork quantities and deletes the lime related items from the Contract. Given the existing soft subgrade conditions, this substitution creates a more durable subgrade foundation for the pavement section and also could reduce the lifecycle costs. The placement of select fill material also could shorten the construction duration. The Geotechnical Engineer for the project approved this substitution. The material will be obtained from a local Williamson County owned stockpile.

Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
999-0001	Select Fill (8")	30,559	SY

This Change Order results in a net decrease of \$85.80 to the Contract amount, for an adjusted Contract total of \$3,806,047.50. The original Contract amount was \$3,806,133.30. As a result of this and all Change Orders to-date, \$85.80 has been deducted from the Contract, resulting in a 0% net change in the Contract cost. No additional days will be added to or deducted from the Contract as a result of this Change Order.

HNTB Corporation

James Klotz, P.E.

Eddie R. Church

From: David Boone
Sent: Monday, May 09, 2016 6:47 AM
To: Eddie R. Church
Cc: Clayton Weber
Subject: FW: 1601-045 Bill Pickett Trail Reclaimed Base Results

Eddie,

See string below. This has been accepted per Clayton.

David Boone
Senior Inspector
Main (512) 744-9082 Direct (512) 527-6724 Cell (512) 202-2191

HNTB CORPORATION
101 E. Old Settlers Blvd., Suite 100, Round Rock, TX 78664 | www.hntb.com

100+ YEARS OF INFRASTRUCTURE SOLUTIONS



From: Darren Okruhlik [mailto:Darren@cox-commercial.com]
Sent: Tuesday, April 26, 2016 8:40 AM
To: David Boone
Subject: RE: 1601-045 Bill Pickett Trail Reclaimed Base Results

Below is what I came up with running thru the revised cuts / fills for the select fill.

SELECT FILL CHANGE ORDER

BID ITEM	SPEC	DESCRIPTION	QTY	UNIT	U/C	TOTAL
3	110 6001	EXCAVATION (ROADWAY)	3126	CY	\$ 7.00	\$ 21,882.00
		EMBANKMENT (FINAL)(ORD COMP)(TY				
4	132 6003	B)	-3123	CY	\$ 16.00	\$ (49,968.00)
10	260 6002	LIME (HYDRATED LIME (SLURRY))	-397	TON	\$ 145.00	\$ (57,565.00)
			-			
11	260 6073	LIME TRT (SUBGRADE)(8")	30559	SY	\$ 3.20	\$ (97,788.80)
X	XXX XXXX	8" SELECT FILL	30559	SY	\$ 6.00	\$ 183,354.00
						\$ (85.80)

DARREN OKRUHLIK, P.E.
Cox Commercial Construction
Senior Vice President
darren@cox-commercial.com
C: 512-848-4446
O: 512-222-1114

1901 Ranch Road 620 N, Suite 104
Austin, TX 78734

From: David Boone [<mailto:daboone@HNTB.com>]
Sent: Tuesday, April 26, 2016 8:25 AM
To: Darren Okruhlik <Darren@cox-commercial.com>
Subject: RE: 1601-045 Bill Pickett Trail Reclaimed Base Results

Yes, I think we will have to do a change order.

David Boone
Senior Inspector
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From: Darren Okruhlik [<mailto:Darren@cox-commercial.com>]
Sent: Tuesday, April 26, 2016 8:24 AM
To: David Boone
Cc: Dawn Haggard
Subject: RE: 1601-045 Bill Pickett Trail Reclaimed Base Results

Do I need to submit a proposal for the select fill item showing a \$0 change from the lime treat?

DARREN OKRUHLIK, P.E.
Cox Commercial Construction
Senior Vice President
darren@cox-commercial.com
C: 512-848-4446
O: 512-222-1114
1901 Ranch Road 620 N, Suite 104
Austin, TX 78734

From: David Boone [<mailto:daboone@HNTB.com>]
Sent: Monday, April 25, 2016 11:11 AM
To: Darren Okruhlik <Darren@cox-commercial.com>
Cc: Dawn Haggard <dhaggard@HNTB.com>
Subject: FW: 1601-045 Bill Pickett Trail Reclaimed Base Results

Darren,

See below, good to go with the stockpile material.

David Boone
Senior Inspector
Main (512) 744-9082 Direct (512) 527-6724 Cell (512) 202-2191

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From: John S. Landwermeyer, P.E. [<mailto:jlandwermeyer@ariasinc.com>]
Sent: Monday, April 25, 2016 11:11 AM
To: David Boone
Cc: Ryan Bell; Dawn Haggard; Rebecca A. Russo, P.E.
Subject: RE: 1601-045 Bill Pickett Trail Reclaimed Base Results

All,

8" of recycled base can be used in place of 8" of LSS. No increase is necessary.

John

John S. Landwermeyer, P.E. | Managing Principal, Austin Operations

office: 512-428-5550 | mobile: 512-940-2598 | tbpe firm f-32



AUSTIN | SAN ANTONIO | DALLAS/FORT WORTH | EAGLE PASS | CORPUS CHRISTI

From: David Boone [<mailto:daboone@HNTB.com>]
Sent: Monday, April 25, 2016 10:10 AM
To: John S. Landwermeyer, P.E.
Cc: Ryan Bell; Dawn Haggard; Rebecca A. Russo, P.E.
Subject: RE: 1601-045 Bill Pickett Trail Reclaimed Base Results

Will the depth of this material be the same as the lime treated subgrade? There was some discussion if that were adequate or if we need to go up to 12".

David Boone
Senior Inspector
Main (512) 744-9082 Direct (512) 527-6724 Cell (512) 202-2191

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From: John S. Landwermeyer, P.E. [<mailto:jlandwermeyer@ariasinc.com>]
Sent: Friday, April 22, 2016 9:31 PM
To: David Boone
Cc: Ryan Bell; Dawn Haggard; Rebecca A. Russo, P.E.
Subject: RE: 1601-045 Bill Pickett Trail Reclaimed Base Results

All,

We recommend approval of this material for use as substitute for the lime treated subgrade on this project. As a granular material, compaction requirements should be $\geq 95\%$ of TEX-113-E at $\pm 2\%$ of optimum.

John

John S. Landwermeyer, P.E. | Managing Principal, Austin Operations

office: 512-428-5550 | mobile: 512-940-2598 | tbpe firm f-32



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

From: David Boone [<mailto:daboone@HNTB.com>]

Sent: Tuesday, April 19, 2016 10:46 AM

To: John S. Landwermeyer, P.E.

Cc: Ryan Bell; Dawn Haggard

Subject: FW: 1601-045 Bill Pickett Trail Reclaimed Base Results

Mr. Landwermeyer,

Please see attached results of the material stockpile near the project. This material is proposed as a substitution for the lime treated subgrade. Let us know if this is an adequate substitute.

David Boone

Senior Inspector

Main (512) 744-9082 Direct (512) 527-6724 Cell (512) 202-2191

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

From: Scott Beimler [<mailto:scott.beimler@pavetex.com>]

Sent: Tuesday, April 19, 2016 9:41 AM

To: David Boone

Subject: Bill Pickett Trail Reclaimed Base Results

David,

Attached are the gradation and PI results for your reclaimed base.

Regards,

--

Scott Beimler
3989 Hwy 290 East
Dripping Springs, TX 78620
O: (512) 858-2993
F: (512) 858-2921

Austin, Killeen, Corpus Christi, Dallas, El Paso, Ft Worth, Houston, Lubbock, San Antonio

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AVERAGE LOW BID UNIT PRICE - CONSTRUCTION - AUSTIN DISTRICT

132 6005	EMBANKMENT (FINAL) (ORD COMP) (TY C)	CY			67,013.000	22.45985	6
247 6366	FL BS (CMP IN PLC) (TY A GR 5) (FNAL POS	CY	2,566.000	52.50000	61,400.000	47.52060	21
247 6392	FL BS (CMP IN PLC) (TY D GR 5) (FNAL POS)	CY			44,291.000	56.67472	8

AVERAGE LOW BID UNIT PRICE - CONSTRUCTION – STATEWIDE

132 2026	EMBANKMENT (FINAL) (DENS CONT) (TY C2)	CY			18,162.000	31.20000	
132 6005	EMBANKMENT (FINAL) (ORD COMP) (TY C)	CY	5,247.000	25.36592	435,936.500	12.71515	46
247 2042	FL BS (CMP IN PLC) (TY A GR 2) (FNAL POS	CY			9,702.000	80.00000	1
247 2044	FL BS (CMP IN PLC) (TY A GR 4) (FNAL POS	CY			7,786.610	59.00000	1

$$30,559 \text{ SY} \times \$6.00/\text{SY} = \$183,354.00$$

$$30,559 \times 9 = 275,031$$

$$275,031 \times 0.67/27 = 6,825 \text{ CY}$$

$$\$183,354.00/6,825 \text{ CY} = \$26.87/\text{CY}$$