



WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Received

MAR 03 2017

1. CONTRACTOR: Chasco Constructors
2. Change Order Work Limits: Sta. 135+00 to Sta. 149+00
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 2J & 3H (3 Max. - In order of importance - Primary first)

Project: CR 258
Roadway: CR 258
CSJ Number:

Received

MAR 09 2017

5. Describe the work being revised:

2J: Differing Site Conditions. (unforeseeable) Other. This change order revises various erosion control measures on the project including the addition of soil retention blanket to the contract to prevent erosion and help to establish vegetation quicker on the slopes and in the ditches. **3H: County Convenience. Cost savings opportunity discovered during construction.** This change order replaces the 12" Gabion mattresses with Flexamat. The use of this product was approved by the County Road and Bridge Department. The 3' x 3' gabions were deleted due to changes at the downstream end of Culvert #2.

6. Work to be performed in accordance with Items: See Attached.
7. New or revised plan sheet(s) are attached and numbered: 161 & 162
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

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: \$51,199.00

THE CONTRACTOR Date 3-2-17

By [Signature]

Typed/Printed Name Corey Westfall

Typed/Printed Title PM

RECOMMENDED FOR EXECUTION:

[Signature] P.E. 3/3/17
Project Manager Date

N/A
Design Engineer Date

[Signature] 3/6/2017
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: 5

Project # 1603-062

TABLE A: Force Account Work and Materials Placed into Stock[illegible]**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
459-6007	GABION MATTRESSES (GALV) (12IN)	SY	\$98.00	796.00	\$78,008.00	(796.00)	0.00	\$0.00	(\$78,008.00)
459-6009	GABIONS (3'X3') (GALV)	CY	\$350.00	57.00	\$19,950.00	(57.00)	0.00	\$0.00	(\$19,950.00)
999-WC03	STRAW SOIL RET BLANKET	SY	\$1.21	0.00	\$0.00	64,500.00	64,500.00	\$78,045.00	\$78,045.00
999-WC04	FLEXAMAT	SY	\$59.26	0.00	\$0.00	1,200.00	1,200.00	\$71,112.00	\$71,112.00
TOTALS					\$97,958.00			\$149,157.00	\$51,199.00

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

CR 258

Williamson County Project No. 1603-062

Change Order No. 5

Reason for Change

This change order revises various erosion control measures on the project. Soil Retention Blanket was added to the project to promote timely vegetation establishment and to prevent erosion on the long 3:1 slopes along the project. Flexamat was added to replace the 12" gabion mattresses in the ditch from Sta.135+86 to 148+15 Rt. The use of Flexamat was approved by the County Road and Bridge Department and the Design Engineer. Road and Bridge wanted to try a new product that is a cheaper alternative to the gabion mattresses for the same applications. The 3 x 3 gabions were deleted from the project due to a change in the grading by the property owner that is downstream of Culvert #2. The downstream property was raised at the right of way line and the slope will be stabilized with concrete riprap instead of the gabions.

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

ITEM	DESCRIPTION	QTY	UNIT
999-WC03	STRAW SOIL RET. BLANKET	64,500	SY
999-WC04	FLEXAMAT	1,200	SY

This Change Order results in a net increase of \$51,199.00 to the Contract amount, for an adjusted Contract total of \$5,957,236.27. The original Contract amount was \$5,808,856.58. As a result of this and all Change Orders to-date, \$148,379.69 has been added to the Contract, resulting in an 2.6% net increase 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.

Clayton Weber

From: Melissa G. Byler, P.E. <mbyler@cectexas.com>
Sent: Thursday, January 05, 2017 6:01 PM
To: Clayton Weber
Cc: 62811_1603-062_CR258Phase2; Steven Shull; Kristina Saenz, P.E.
Subject: RE: Williamson County - CR 258 Project

Clayton,

Thanks for sending the link. This Flexamat appears to be a great product -- I agree that this would be a good substitution for the gabions in the ditches. Our velocities appear to be in range with the product's limiting value. From discussion with one of our construction engineers, Flexamat offers several benefits from an environmental and maintenance standpoint.

Extending the mat along the side slopes is a good idea. Would the 8' width allow for proper anchoring of the mat? Or would we need to consider a wider mat and embed with embankment material?

Melissa G. Byler, P.E.

Principal – Sr Project Manager

CEC

Texas Firm Registration Numbers

Engineering F-2214 & Surveying 100410-00

11550 IH 10 West, Suite 395 | San Antonio, TX 78230

Tel: 210-641-9999 Fax: 210-641-6440

Direct: 210-798-9229

From: Clayton Weber [mailto:cweber@HNTB.com]
Sent: Thursday, January 05, 2017 1:55 PM
To: Melissa G. Byler, P.E. <mbyler@cectexas.com>
Cc: 62811_1603-062_CR258Phase2 <34275_RB_CR258Phase2@HNTB.com>; Steven Shull <sshull@HNTB.com>
Subject: Williamson County - CR 258 Project

Would it be acceptable to substitute Flexamat for the gabion baskets in the ditchlines. We have not used the product on our County projects but have seen them used on TxDOT projects and it looks like it has potential. In review of the velocities shown in the plans I think it will work. Refer to link below.

If flexamat is approved I would suggest using the 8 ft width to extend up the side slopes to minimize erosion along the edge of the mat.

<http://www.flexamat.com/>

Clayton K. Weber
Construction Manager

HNTB Corporation

Main (512) 744-9082x16718 Direct (512) 527-6718 Cell (512) 539-9342

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



P.O. Box 1057
Round Rock, TX 78680
(512) 244-0600

December 13, 2016

TO: Mr. Steven Shull
HNTB Corporation
101 E. Old Settlers Blvd. Ste. 100
Round Rock, TX 78664

RE: CR 258 (From Sunset Ridge to Ronald Reagan Blvd)
Solicitation No. 1603-062
Chasco Job No. 16051
CP-007 Flexamat Erosion Control

We hereby submit our Change Proposal for your consideration and approval to execute a change to the contract for the above-referenced project. For your review and per your request, we have provided pricing for labor, equipment and material to complete the Flexamat Erosion Control system, see attached.

Changes per attached Chasco CP No. 007 Pricing Sheet dated 12-13-16: \$59,260.00

If approved, this change will result in a change to the Contract Amount by the sum of \$59,260.00. This work is in progress as directed to maintain the project schedule. An additional 3 days is requested to complete this change. If approved, this CP will be incorporated into the next Owner Change Order.

Respectfully,

APPROVED BY: _____
Date

CHASCO CONSTRUCTORS

Cory Westfall, LEED AP
Project Manager

cc: File: 16051-107-02-CP 007
Dave Esper
Dawn Haggard

Overhead	0.00%	\$0
Sales Tax Materials (only)	0.00%	\$0
SUBTOTAL		\$51,530
Fee	15.00%	\$7,730
SUBTOTAL		\$59,260
Insurance	0.00%	\$0
P&P Bond	0.00%	\$0
GRAND TOTAL		\$59,260



P.O. Box 1057
Round Rock, TX 78680
(512) 244-0600

January 26, 2017

TO: Mr. Steven Shull
HNTB Corporation
101 E. Old Settlers Blvd. Ste. 100
Round Rock, TX 78664

RE: CR 258 (From Sunset Ridge to Ronald Reagan Blvd)
Solicitation No. 1603-062
Chasco Job No. 16051
CP-011 Straw Soil Retention Blankets

We hereby submit our Change Proposal for your consideration and approval to execute a change to the contract for the above-referenced project. For your review and per your request, we have provided pricing for labor, equipment and material to complete the straw soil retention blankets, see attached.

Changes per attached Chasco CP No. 011 Pricing Sheet dated 1-26-2017: \$77,884.00

If approved, this change will result in a change to the Contract Amount by the sum of \$77,884.00. This work is not in progress pending formal owner approval. An additional 0 days is requested to complete this change. If approved, this CP will be incorporated into the next Owner Change Order.

Respectfully,

APPROVED BY: _____
Date

CHASCO CONSTRUCTORS

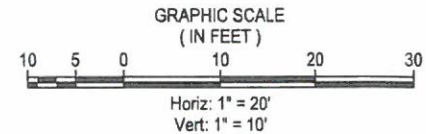
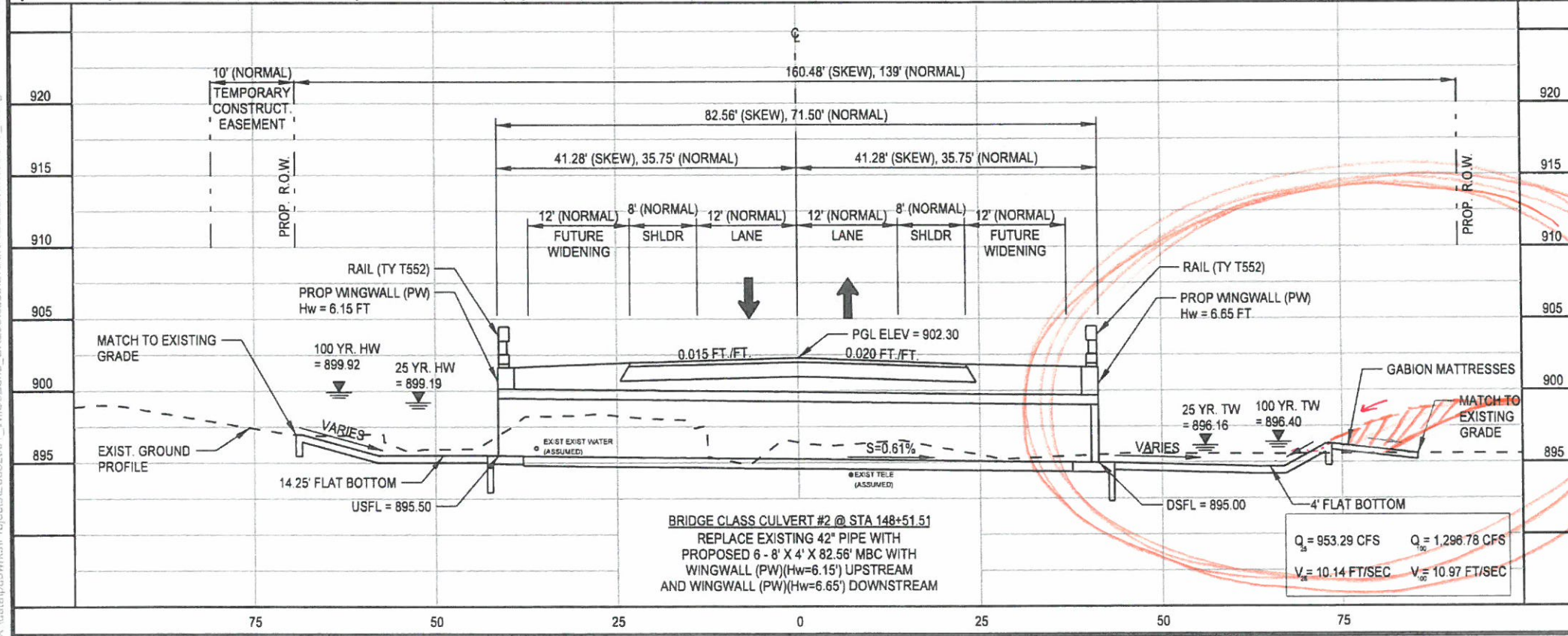
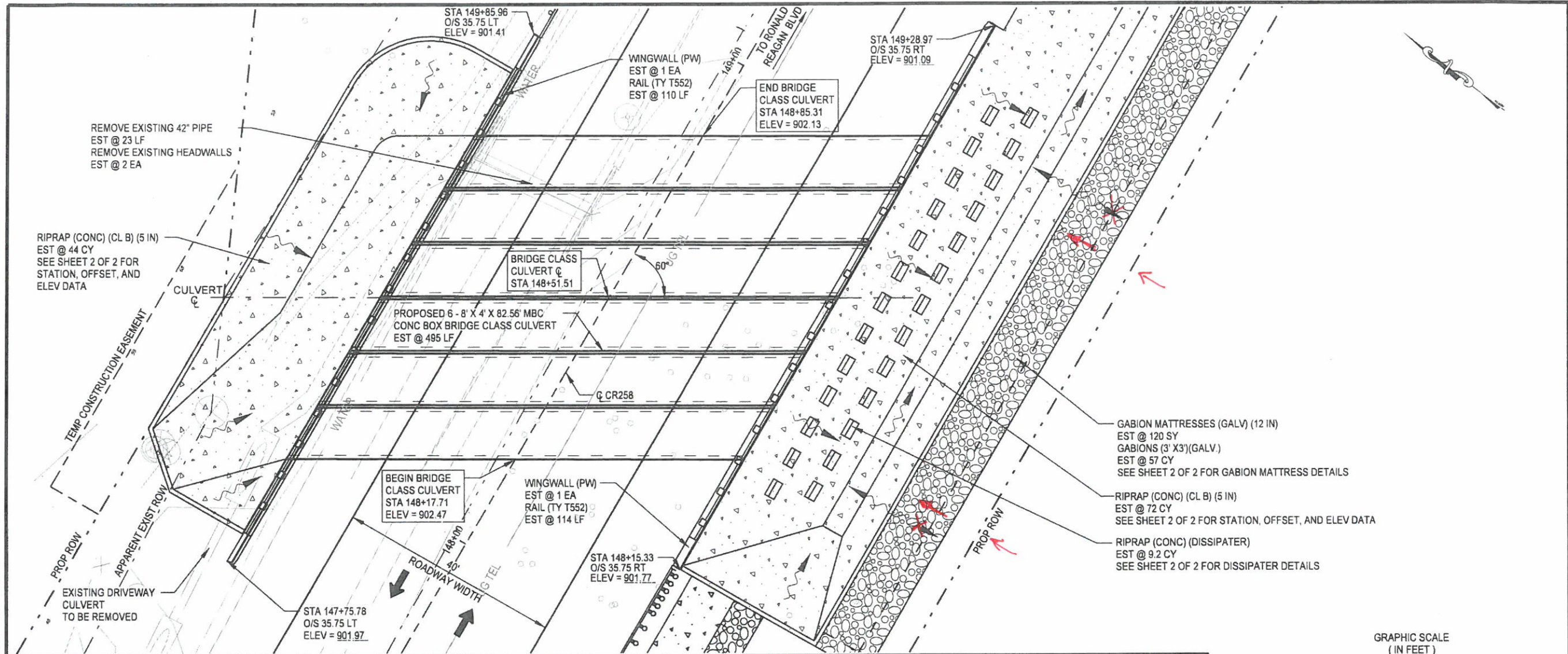
A handwritten signature in black ink, appearing to read "Cory Westfall", is written over a horizontal line.

Cory Westfall, LEED AP
Project Manager

cc: File: 16051-107-02-CP 011
Dave Esper
Dawn Haggard

2/24/2016 4:24:13 PM

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NOTES:

1. ALL UTILITIES SHOWN IN PLAN VIEW ARE BY APPROXIMATE LOCATION ONLY. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES (SHOWN OR NOT SHOWN) PRIOR TO BEGINNING CONSTRUCTION. UTILITIES SHOWN IN PROFILE VIEW ARE BASED ON ASSUMED DEPTHS.
2. EXISTING UTILITIES IN CONFLICT WITH PROPOSED FEATURES TO BE RELOCATED/ADJUSTED BY OTHERS PRIOR TO CONSTRUCTION.
3. REPAIR/RECONNECT EXISTING UTILITIES DISCONNECTED OR DAMAGED DURING CONSTRUCTION AT CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL RETURN THE GROUND AREA DISTURBED BY CONSTRUCTION ACTIVITY TO EQUAL OR BETTER CONDITION IN SUCH A MANNER AS NOT TO CHANGE THE ROUTE OF STORM WATER FLOW.
5. CONTRACTOR TO VERIFY EXISTING GROUND ELEVATION PRIOR TO BEGINNING WORK.
6. THE FOLLOWING TxDOT STANDARD DETAILS ARE APPLICABLE TO THIS STRUCTURE:
 - BCS - SCP-5
 - SCP-8
 - SCP-MD
 - PW
 - RAC
 - TRAFFIC RAIL TYPE T552
 - SETP-PD-A

DESIGNED BY
E0362001

DRAWN BY
2/24/2016

CHECKED BY
PILOT A1 1"=40'

DATE
2/24/2016

SCALE
PILOT A1 1"=40'

PROJECT NO
E0362001

OWNER: WILLIAMSON COUNTY, TEXAS c/o CYNTHIA LONG, PRECINCT NO. 2

COMMISSIONER

PRECINCT NO. 2

WILLIAMSON COUNTY

REGISTRATION NO. F-2214

SURVEYING # 100410-00

RECONSTRUCTION OF COUNTY ROAD 258

CULVERT #2 LAYOUT

SHEET 1 OF 2

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAVID COSTALES, P.E. 107221

2/24/2016

FINAL SUBMITTAL

SHEET NUMBER 161 OF 265

