

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 22

NTP Required:

Contractor: James Construction Group, LLC ☒ Yes ☐ No

Project Name: FM 3349 at US 79

Change Order Work Limits: Sta. 515+00 to Sta. 516+00

Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)

Reasons: 21 (3 Max. - In order of importance - Primary first)

Contract Award Date:	<u>9/13/2022</u>
Project Number:	<u>22IFB139</u>
Funding Source:	<u>P332</u>
Roadway:	<u>FM 3349</u>
CSJ Number:	<u>3486-01-008</u>

Describe the work being revised:

21. Differing Site Conditions, Additional safety needs (unforeseeable). This Change Order compensates the Contractor for replacing a section of the existing metal beam guard fence (MBGF) on SB FM3349 to meet current TxDOT standards. This section of MBGF connects to the concrete barrier protecting the columns of the new bridge and its height needed to be adjusted to be MASH compliant. The original MBGF was installed according to an older TxDOT standard. The proposed adjustment ensures compliance with current TxDOT standards and improves safety of the traffic traveling south from existing FM 3349 to the new South Bound Frontage Road.

Work to be performed in accordance with Items: See attached

New or revised plan sheet(s) are attached and numbered: _____

New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No

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>3/12-25</u>	Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u>
By <u>[Signature]</u>	Amount added by this change order: <u>\$16,354.80</u>
Typed/Printed Name <u>Joey Williams</u>	Original Contract Amount: <u>\$81,941,038.13</u>
Typed/Printed Title <u>Division Manager</u>	Total Change Orders To-Date: <u>\$2,352,334.89</u>
	Percent Change in Original Contract: <u>2.87%</u>

RECOMMENDED FOR EXECUTION:

[Signature] 3/19/2025
Senior Construction Engineer Date

Christen Eschberger 3/25/2025
Program Manager Date

N/A
3rd Party Signature Date

RECOMMENDED FOR EXECUTION:

[Signature] 3/25/2025
Department of Infrastructure Date
Williamson County

APPROVED:

Valerie Covey Apr 1, 2025
Presiding Officer of the Date
Williamson County Commissioners Court

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 22

Project # 22IFB139

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
540-7006	MTL BEAM GD FEN TRANS (TL2) - (008)	EA	\$1,296.00	0.00	\$0.00	1.00	1.00	\$1,296.00	\$1,296.00
540-7031	MTL BM GD FEN TRANS (31"-28")(25") - (008)	EA	\$2,160.00	0.00	\$0.00	2.00	2.00	\$4,320.00	\$4,320.00
542-7001	REMOVE METAL BEAM GUARD FENCE - (008)	LF	\$5.40	0.00	\$0.00	25.00	25.00	\$135.00	\$135.00
544-7003	GUARDRAIL END TREATMENT (REMOVE) - (008)	EA	\$405.00	0.00	\$0.00	1.00	1.00	\$405.00	\$405.00
512-6029	PORT CTB (MOVE)(F-SHAPE)(TY 1) - (008)	LF	\$4.28	739.00	\$3,162.92	210.00	949.00	\$4,061.72	\$898.80
545-6019	CRASH CUSH ATTEN (INSTL)(S)(N)(TL3) - (008)	EA	\$9,300.00	15.00	\$139,500.00	1.00	16.00	\$148,800.00	\$9,300.00
TOTALS					\$142,662.92			\$159,017.72	\$16,354.80

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

**FM3349 at US 79
Williamson County Project No. 22IFB139**

Change Order No. 22

Reason for Change

This Change Order compensates the Contractor for replacing a section of the existing metal beam guard fence (MBGF) on SB FM3349 to meet current TxDOT standards. This section of MBGF connects to the concrete barrier protecting the columns of the new bridge and its height needed to be adjusted to be MASH compliant. The original MBGF was installed according to an older TxDOT standard. The proposed adjustment ensures compliance with current TxDOT standards and improves safety of the traffic traveling south from existing FM 3349 to the new South Bound Frontage Road.

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

ITEM	DESCRIPTION	QTY	UNIT
540 7006	MTL BEAM GD FEN TRANS (TL2)	1	EA
540 7031	MTL BM GD FEN TRANS (31"-28") (25')	2	EA
542 7001	REMOVE METAL BEAM GUARD FENCE	25	LF
544 7003	GUARDRAIL END TREATMENT (REMOVE)	1	EA

This Change Order results in a net increase of \$16,354.80 to the Contract amount, for an adjusted Contract total of \$84,293,373.02. The original Contract amount was \$81,941,038.13. As a result of this and all Change Orders to-date, \$2,352,334.89 has been added to the Contract, resulting in an 2.87% 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

Oscar Salazar-Bueno, P.E.

Change Order Worksheet

Contract Name FM3349 at US79

Solicitation # 22IFB139

Date awarded 9/13/2022

Awarded Contract Amount \$81,941,038.13

		Percentage Change
Change order #1	\$925,354.41	1.13%
Change order #2	\$82,000.00	0.10%
Change order #3	\$195,302.81	0.24%
Change order #4	-\$472,492.20	-0.58%
Change order #5	-\$5,274.97	-0.01%
Change order #6	\$130,053.00	0.16%
Change order #7	\$661,031.30	0.81%
Change order #8	\$327,321.48	0.40%
Change order #9	-\$368,749.53	-0.45%
Change order #10	\$67,965.30	0.08%
Change order #11	\$271,902.72	0.33%
Change order #12	\$64,791.00	0.08%
Change order #13	\$82,301.65	0.10%
Change order #14	\$101,248.22	0.12%
Change order #15	\$24,513.18	0.03%
Change order #16	\$35,324.07	0.04%
Change order #17	\$11,849.07	0.01%
Change order #18	\$18,623.43	0.02%
Change order #19	\$9,869.00	0.01%
Change order #20	\$167,583.65	0.20%
Change order #21	\$5,462.50	0.01%
Change order #22	\$16,354.80	0.02%

Total changes to date

\$2,352,334.89

2.87%

(Running totals here)

Adjusted contract amount

\$84,293,373.02

CHANGE ORDER PROPOSAL**Date:** 1/22/2025**CO#22 - ESSI MBGF DETOUR****Invoice #****Bill To:**
HNTB- WILLIAMSON COUNTY**RE:**
Wilco FM3349 @ US-79
ASIF MIRZAZADA
CSJ: 3486-01-008
Project # 20221115

Qty	UM	Description	Unit Price	Total
1.00	EA	MTL BEAM GD FEN TRANS (TL2) - (540-7006)	\$1,296.00	\$1,296.00
2.00	EA	MTL BM GD FEN TRANS (31"-28")(25') - (540-7031)	\$2,160.00	\$4,320.00
25.00	LF	REMOVE METAL BEAM GUARD FENCE (542-7001)	\$5.40	\$135.00
1.00	EA	GUARDRAIL END TREATMENT (REMOVE) (544-7003)	\$405.00	\$405.00
		PREPARED BY: GARY COUCH		
			Total	\$6,156.00



ESSI
ENVIRONMENTAL SAFETY SERVICES INC.

Environmental Safety Services, Inc.
P.O. Box 54
Buda, Texas, 78610
Phone: 512-989-2259
Fax: 512-372-9375

**** CERTIFIED DBE / MBE / HUB / HABE / SBE CONTRACTOR ****

COA/TXDOT MBE/DBE #: VS0000012711, SCTRCA SBE/MBE/HABE #: 215049005, Texas HUB #: 1260203041800

Bid Date: 11.18.2024

Proposal #: 2130-007

Project: FM 3349 at US 79, Between Hutto and Taylor in Williamson County

For: James Construction Group - Gary Couch Jr

Environmental Safety Services proposes to provide all the materials, labor, equipment and supervision necessary to perform the following work at the above referenced project per plans and specifications.

ITEM #	DESCRIPTION	UNIT	QUANTITIES	BID PRICE	EXT. PRICE
540-7006	MTL BEAM GD FEN TRANS (TL2)	EA	1.00	\$1,200.00	\$1,200.00
540-7031	MTL BM GD FEN TRANS (31"-28")(25')	EA	2.00	\$2,000.00	\$4,000
542-7001	REMOVE METAL BEAM GUARD FENCE	LF	25.00	\$5.00	\$125.00
544-7003	GUARDRAIL END TREATMENT (REMOVE)	EA	1.00	\$375.00	\$375.00
500-7002	MOBILIZATION (CALLOUT)	EA	1.00	\$1,500.00	\$1,500.00
TOTAL					\$5,7000

Exclusions:

All permits, lane closures, traffic control, survey, layout, testing, maintenance, engineering, utility potholing, & low fill steel posts are excluded.

Notes:

General Contractor to provide staging/storage area for ESSI materials & equipment.

*** Sales tax is not included in above pricing. Please send an exemption certificate if exempt, otherwise sales tax will be added.

If bond is required, add 2.5% of contract amount.

Pricing is good for thirty (30) days.

*****All bid prices are negotiable.*****

Respectfully submitted by Joshua Ealand

Accepted by: _____

Date: _____



REQUEST FOR INFORMATION FORM

RFI NO.: 76

DATE: 11/4/24

PROJECT: 3349 @ US-79

RESPONSE REQUESTED BY

DATE: 11/18/24

TO: HNTB: ASIF

REFERENCE: Plan Sheets: xxx

PROBLEM:
See attached

RECOMMENDED SOLUTION:

Received

11/04/2024

HNTB CORPORATION
ROUND ROCK

Originator

Supervisor

RESPONSE:

Responder

Date

Sign, Date & Return to HNTB via e-mail or fax.

Mail original to: HNTB Corporation
101 E Old Settlers Blvd, Ste 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:



5880 West Highway 190
LEWISVILLE, Texas 76513
Phone: 972-538-5300 Fax: 866-785-2025

Date: 11/04/2024

Request for Information # 076

Project FM 3349 @ SH 79

JCG Job# 10906

CSJ # 3486-01-008

To:	From:
ASIF MIRZAZADA	JOSHUA HAZLEWOOD
HNTB CORPORATION	JAMES CONSTRUCTION GROUP, LLC.
101 E. OLD SETTLERS BLVD. STE.225	5880 W. US HWY190
ROUND ROCK, TX 78664	BELTON, TX 76513
Phone: 512-987-9179	Phone: 254-346-1102
Fax:	Fax:
Email: AMIRZAZADA@HNTB.COM	Email: JHAZLEWOOD@PRIM.COM

Subject:	Status:	Response Required By:
TMP-4 Conflict	RFI OPEN	ASAP

Submittal #:	Drawing #:	Addendum:	Spec Section:	Schedule #:

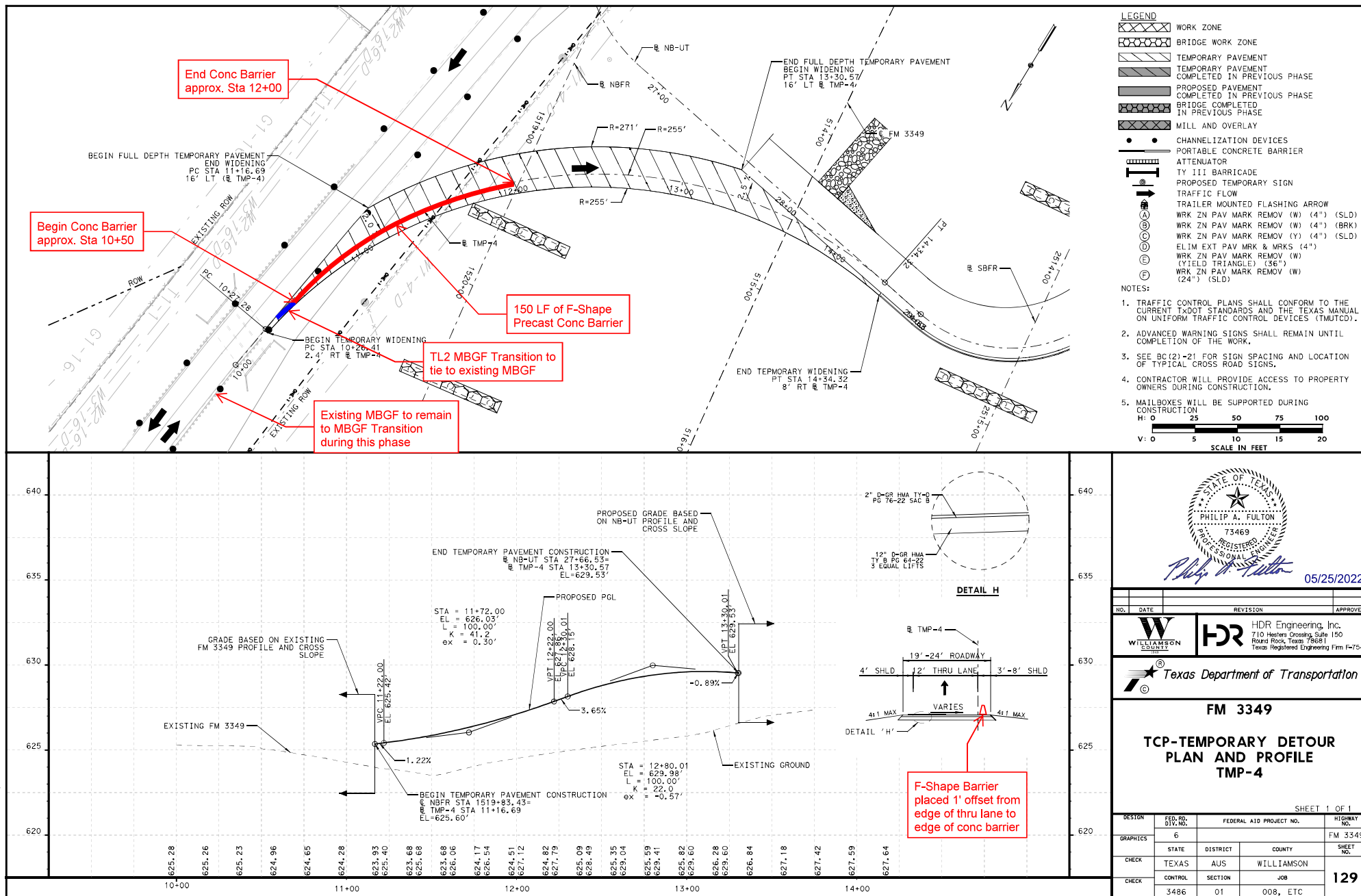
Please be advised that this document shall serve as notice pursuant to the terms of the Contract. The timeliness and/or content of the response may impose time and cost impacts to the project that could not have been reasonably or objectively contemplated at the time of the Bid, which may therefore merit an adjustment to the Contract.

RFI Detail:
JCG has identified a couple of concerns with the temporary detour TMP-4 for diverting SB traffic on to SBFR. Referring to plan sheet 129 there is no barrier to protect the columns for bent 6 or the culvert C-UT-CV-01 located on either side of the detour. The other concern is the MBGF which will need to be moved and reset; however, the plans only call to remove. Please advise JCG on how HNTB would like to proceed and/or means and methods for resolution.

Suggestion:

Response:
Attached are markups on Sheet 129 with our recommendation to shield the Bent 6 columns.
Signature: <u>Srikanth Koneru, P.E</u> Date: <u>11/11/2024</u>

PLOT DRIVER: T:\DOT_PDF_BW.plt
USER: LGOMEZGONZ
FILE: FM3349-TCP-PP06.dgn
PENTABLE: 1025455.101
DATE: 5/25/2022 TIME: 10:42:38 AM
SCALE: 1:50



STATE OF TEXAS

REGISTERED PROFESSIONAL ENGINEER

Philip A. Fulton

05/25/2022

NO. DATE REVISION APPROVED

WILLIAMSON ENGINEERING

HDR Engineering, Inc.
710 Heaters Crossing, Suite 150
Round Rock, Texas 78681
Texas Registered Engineering Firm F-754

Texas Department of Transportation

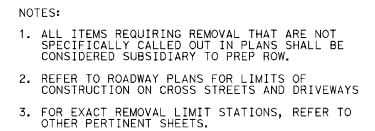
FM 3349

TCP-TEMPORARY DETOUR PLAN AND PROFILE TMP-4

SHEET 1 OF 1

DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	HIGHWAY NO.
GRAPHICS	6		FM 3349
CHECK	STATE	DISTRICT	COUNTY
CHECK	TEXAS	AUS	WILLIAMSON
CHECK	CONTROL	SECTION	JOB
	3486	01	008, ETC

129



4. TRAFFIC SIGNAL REMOVAL IS FOR THE FLASHING BEACON. QUANTITY IS BASED ON THE INTERSECTION CONTROLLED BY A SINGLE TRAFFIC SIGNAL CONTROLLER



WILLIAMSON
COUNTY

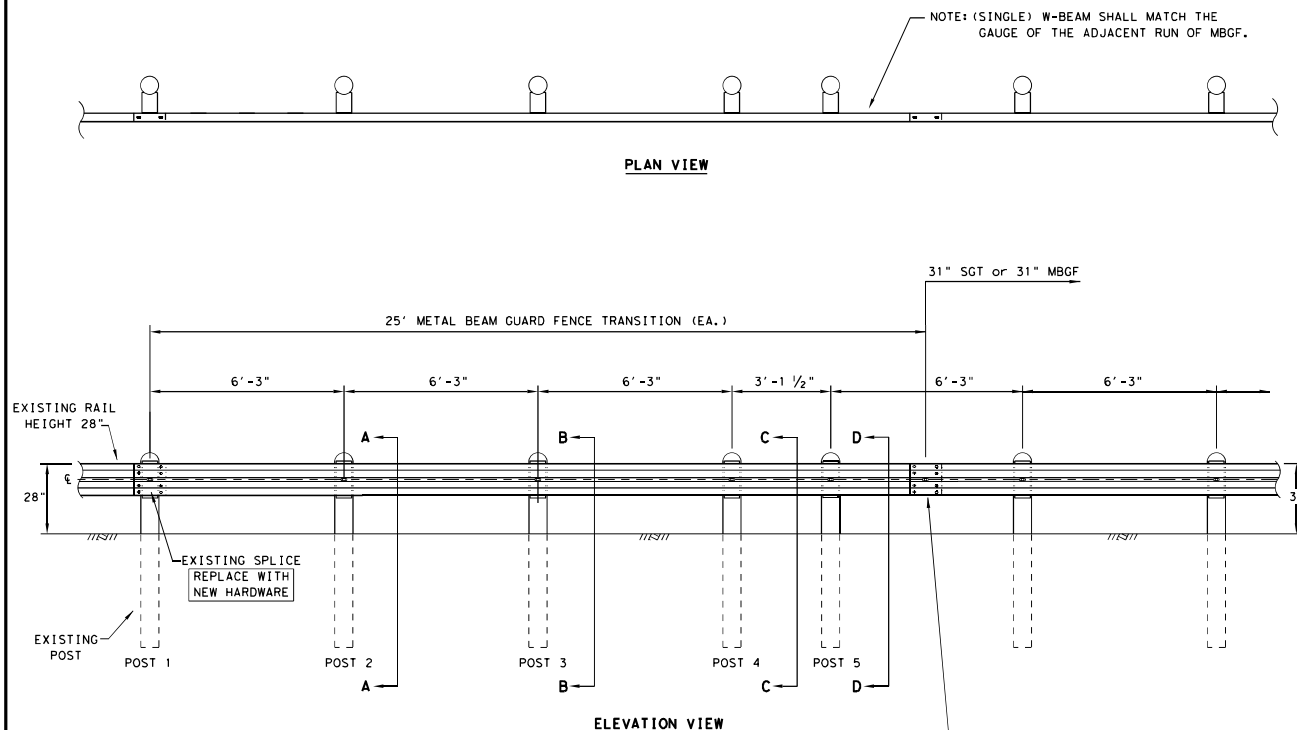
 *Texas Department of Transportation*

DESIGN	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
KS	6			FM 3349
LG	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	AUS	WILLIAMSON	171
CHECK	CONTROL	SECTION	JOB	
	3486	01	008, ETC	

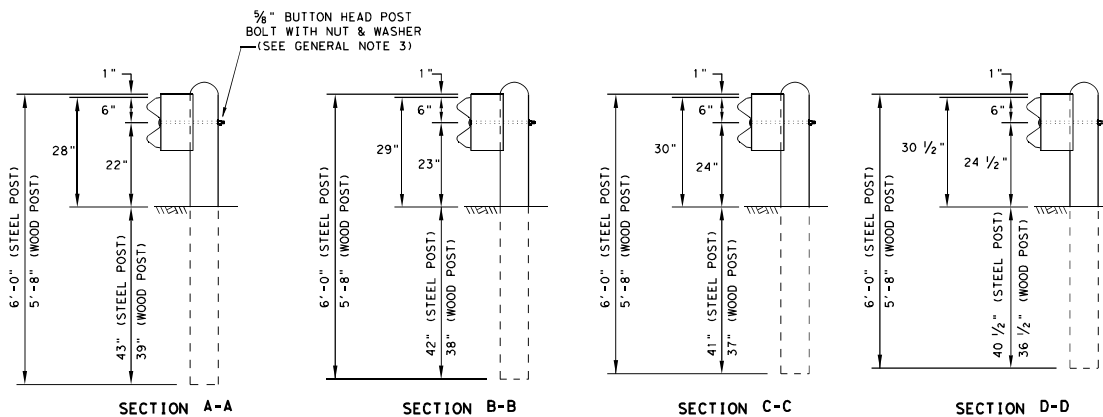


DISCLAIMER: THIS STANDARD IS COVERED BY THE "TEXAS ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY TxDOT FOR ANY PURPOSE WHATSOEVER. TxDOT ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.

DATE: FILE:



* "WOOD" INDICATES DIMENSIONS FOR BOTH ROUND AND RECTANGULAR WOOD POST SYSTEMS.



NOTE: HARDWARE SHALL MEET THE FOLLOWING REQUIREMENTS.

GUARDRAIL POST BOLTS (ASTM A307 GR. A)

GUARDRAIL ROUND WASHERS (ASTM F436)

GUARDRAIL DOUBLE RECESSED NUTS (ASTM A563)

GUARDRAIL SPLICE BOLTS (ASTM A307 GR. A)

GUARDRAIL SPLICE NUTS (ASTM A563)

GENERAL NOTES

1. THE TYPE OF POST (ROUND WOOD POST, RECTANGULAR WOOD POST, OR STEEL POST) WILL BE AS SHOWN IN THE PLANS. THE EXACT POSITION OF MBGF SHALL BE AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. STEEL POSTS TO BE GALVANIZED IN ACCORDANCE WITH ITEM 445, "GALVANIZING."
2. RAIL ELEMENT SHALL MEET THE REQUIREMENTS OF ITEM 540, "METAL BEAM GUARD FENCE" EXCEPT AS MODIFIED IN THE PLANS. THE CONTRACTOR MAY FURNISH RAIL ELEMENTS OF 25'-0", OR 12'-6" (NOM.) LENGTHS. RAIL ELEMENTS MAY HAVE SLOTTED HOLES AT 3'-1 1/2" C-C OR 6'-3" C-C. A SPECIAL LENGTH OF RAIL MAY BE MANUFACTURED TO ACCOMMODATE THE TRANSITION SECTIONS OF GUARDRAIL.
3. BUTTON HEAD "POST" BOLTS (ASTM A307) SHALL BE OF SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT (ASTM A563) AND 5/8" ROUND WASHER (ASTM F436) AND NOT MORE THAN 1" BEYOND IT. BUTTON HEAD "SPLICE" BOLTS (ASTM A307) ARE 5/8" X 1-1/4" WITH 5/8" NUTS (ASTM A563).
4. FITTINGS (BOLTS, NUTS, AND WASHERS) SHALL BE GALVANIZED IN ACCORDANCE WITH ITEM 445, "GALVANIZING." FITTINGS SHALL BE SUBSIDIARY TO THE BID ITEM REQUIRING CONSTRUCTION OF THE TRANSITION.
5. CROWN SHALL BE WIDENED TO ACCOMMODATE THE METAL BEAM GUARD FENCE.
6. THE LATERAL APPROACH TO THE GUARD FENCE, SHALL HAVE A MAXIMUM SLOPE OF 1V:10H.
7. IF SHOWN ELSEWHERE IN THE PLANS OR AS DIRECTED BY THE ENGINEER, THE GUARD FENCE MAY BE FLARED AT A RATE OF 25:1 OR FLATTER.
8. APPLICATIONS IN SOLID ROCK ARE ONLY ALLOWED WITH STEEL POSTS. SEE GF(31) STANDARD FOR INSTALLATION GUIDANCE.
9. POSTS SHALL NOT BE SET IN CONCRETE.
10. UNLESS OTHERWISE SHOWN IN THE PLANS, A COMPOSITE MATERIAL BLOCK THAT MEETS THE REQUIREMENTS OF DMS-7210, "COMPOSITE MATERIAL POSTS AND BLOCKS FOR METAL BEAM GUARD FENCE" MAY BE SUBSTITUTED FOR BLOCKS OF SIMILAR DIMENSIONS. THE CONSTRUCTION DIVISION, TxDOT MAINTAINS A MATERIAL PRODUCER LIST (MPL) FOR PRODUCERS OF MATERIALS CONFORMING TO DMS-7210. ONLY PRODUCERS ON THE MPL MAY FURNISH COMPOSITE MATERIAL BLOCKS.
11. REFER TO STANDARD GF(31) FOR ADDITIONAL DETAILS.
12. RAIL HEIGHT ADJUSTMENT IS ASSESSED AT TL-3 MASH COMPLIANT FOR STEEL POST HEIGHT TRANSITION TO 28" STEEL POST GUARDRAIL.

HARDWARE LIST

QTY	DESCRIPTION
1	25'-0" W-BEAM RAIL ELEMENT 12GA. (TYP)
5	7 1/2" DIA X 6'-0" DOMED ROUND WOOD POSTS (TYP)
5	6" X 8" X 68" RECTANGULAR WOOD POSTS (TYP)
5	W6 X 8.5 OR W6 X 9 X 72" STEEL POSTS (TYP)
5	6" X 8" X 14" WOOD BLOCKS OR COMPOSITE (TYP)
5	5/8" X 18" GUARDRAIL BOLTS AND NUTS (FBB04)
5	5/8" ROUND WASHERS (ASTM F436) (FWC16G)
5	5/8" X 10" GUARDRAIL BOLTS AND NUTS (FBB03)
16	5/8" X 1-1/4" GUARDRAIL SPLICE BOLTS WITH DOUBLE RECESSED NUTS (ASTM A563) (FBB01)

POST AND BLOCK-OUT TYPES AVAILABLE

FOR WOOD POST

FOR STEEL POST

		Design Division Standard
METAL BEAM GUARD FENCE RAIL HEIGHT ADJUSTMENT (28" TO 31") TL-3 MASH COMPLIANT RAIL-ADJ(B)-19		
FILE: r010adjb19 NOVEMBER 2019 REVISIONS	DMT: TxDOT CONT: SECT DIST: COUNTY	CK: KM DMT: VP CK: CGL/AG HIGHWAY SHEET NO.