

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 24IFB57

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
540-7016	MTL BM GD FEN TRANS (NON-SYM)	EA	\$1,161.50	0.00	\$0.00	14.00	14.00	\$16,261.00	\$16,261.00
	TOTALS				\$0.00			\$16,261.00	\$16,261.00

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

Change Order Worksheet

Contract Name	Ronald Reagan Blvd. Widening	Solicitation #	24IFB57
Date awarded	7/16/2024		
Awarded Contract Amount		\$52,159,299.00	
			Percentage Change
Change Order #1		\$145,428.00	0.28%
Change Order #2		\$29,362.00	0.06%
Change Order #3		\$28,962.50	0.06%
Change Order #4		\$90,550.00	0.17%
Change Order #5		\$16,261.00	0.03%
Total changes to date		\$310,563.50	0.60%
Adjusted contract amount		\$52,469,862.50	(Running totals here)

Williamson County Road Bond Program

**Ronald Reagan Boulevard Widening
Williamson County Project No. 24IFB57**

Change Order No. 5

Reason for Change

This Change Order adds an item for the transition sections of the metal beam guard fence (MBGF) to the concrete rail at all of the bridge locations. This item was left out of the plans and was discovered while reviewing RFI 44, which asks for clarification on the missing quantity between the C221 rail and the MBGF.

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

ITEM	DESCRIPTION	QTY	UNIT
540-7016	MTL BM GD FEN TRANS (NON-SYM)	14	EA

This Change Order results in a net increase of \$16,261.00 to the Contract amount, for an adjusted Contract total of \$52,469,862.50. The original Contract amount was \$52,159,299.00. As a result of this and all Change Orders to-date, \$310,563.50 has been added to the Contract, resulting in a 0.60% 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.



P.O. Box 1057
Round Rock, TX 78680
(512) 244-0600
Fax (512) 244-6085

24080 - RONALD REAGAN BLVD WIDENING
CHANGE PROPOSAL 008
RFI 044

2/14/2025

BID ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
540-7016	MTL BM GD FEN TRANS (NON-SYM)	14	EA	\$1,161.50	\$ 16,261.00
		0		\$0.00	\$ -

	TOTAL PROPOSAL				\$ 16,261.00
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This price is in line with avg TxDOT prices.



REQUEST FOR INFORMATION FORM

RFI NO.: 44 DATE: 1/29/25
PROJECT: RONALD REAGAN BLVD WIDENING RESPONSE REQUESTED BY
DATE: 2/5/25
TO: HNTB: Eddie Church P.E.; Oscar Salazar-Bueno P.E.; Steven Shull; Joseph Jones

REFERENCE: Sheet 424, Sheet 164 - North Fork San Gabriel River Bridge

PROBLEM:

The C-221 rail stops at the SEJ at STA 2636+30. An additional 24.51' of C221 would be necessary to meet the MBGF. The distance from the missing rail plus thrie beam do not match to the MBGF ending at STA 2636+05.49 for both the left and right sides. Can we please get all stations verified for the MBGF and C221 rail on the North Fork San Gabriel River Bridge and revised sheets to reflect any changes.

RECOMMENDED SOLUTION:

Lauren Sharpe
Originator

Supervisor

RESPONSE:

C-221 rail begins at Sta 2636+12. "Begin bridge rail" label and dimension in the bridge layout (Sheet 424) has been updated. The original quantities and rail length have not changed. Connected to the bridge rail on both downstream sides is a MBGF Trans (Non-Sym), the details for which are shown on the BED-14 standard included in this package (sheet 214A). Item 540 6018 MBGF Trans (Non-Sym) has been included to match the plans. This has been updated in Sheet 21.

The station included with the MBGF callouts are approximate for the begin/end locations of the MBGF between the Transition and the DAT and are included for informational purposes to confirm the LF quantity.

Andrea Klocinski
Responder

02/03/2025
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:

1/31/2025 2:38:00 PM KlocinAN
cpvbw_ANSIB.tbl
cpvpdf_ANSIB.pltcfq
pw:\\stvw-sw-pw.bentley.com:stvw-sw-pw-01\\Documents\\Active Projects\\WLSM1900559.00\\8.00 Plans and Drawings\\8.30 Cut Sheets\\8.3.01 General\\1900559_GNgi01.dgn

GENERAL		
1		TITLE SHEET
2	- 3	SUPPLEMENTAL INDEX
4	- 5	PROJECT LAYOUT
6	- 17	TYPICAL SECTIONS
18		GENERAL NOTES
19	- 28	QUANTITY SUMMARY
29		CRASH CUSHION SUMMARY
30	- 39	SUMMARY OF SMALL SIGNS
TRAFFIC CONTROL PLANS		
40		TRAFFIC CONTROL PLAN NARRATIVE
41		TRAFFIC CONTROL PLAN PHASE 1A TYPICAL SECTIONS
42		TRAFFIC CONTROL PLAN PHASE 1A/1B TYPICAL INTERSECTING ROADWAY SECTIONS
43		TRAFFIC CONTROL PLAN PHASE 2A TYPICAL SECTIONS
44		TRAFFIC CONTROL PLAN PHASE 2B TYPICAL SECTIONS
45	- 65	TRAFFIC CONTROL PLAN PHASE 1A
66	- 69	TRAFFIC CONTROL PLAN PHASE 1B
70	- 84	TRAFFIC CONTROL PLAN PHASE 2A
85		TRAFFIC CONTROL PLAN PHASE 2B
TRAFFIC CONTROL STANDARDS		
86	- 97	BC(1)-21 THRU BC(12)-21
98		TCP(1-5)-18
99		TCP(2-1)-18
100		TCP(2-3)-23
101		TCP(2-6)-18
102		TCP(3-1)-13
103		TCP(3-2)-13
104		TCP(3-3)-14
105	- 106	SSCB(2)-10
107		ABSORB(M)-19
108		SLED-19
ROADWAY PLANS		
109	- 124	REMOVAL LAYOUT
125	- 136	SURVEY DATA
137	- 140	HORIZONTAL ALIGNMENT DATA
141	- 168	ROADWAY PLAN & PROFILE - RONALD REAGAN BLVD
169	- 171	ROADWAY PLAN & PROFILE - SH 29
172		ROADWAY PLAN & PROFILE - KAUFFMAN LOOP
173		ROADWAY PLAN & PROFILE - SANTA RITA BLVD
174		ROADWAY PLAN & PROFILE - FIRE STATION
175		ROADWAY PLAN & PROFILE - ELIZABETH PARKWAY
176		ROADWAY PLAN & PROFILE - TOWER ROAD
177		ROADWAY PLAN & PROFILE - CR 258
178	- 180	ROADWAY PLAN & PROFILE - FM 3405
181		INTERSECTION LAYOUT - KAUFFMAN LOOP
182		INTERSECTION LAYOUT - SANTA RITA BLVD
183		INTERSECTION LAYOUT - FIRE STATION
184		INTERSECTION LAYOUT - ELIZABETH PARKWAY
185		INTERSECTION LAYOUT - TOWER ROAD
186		INTERSECTION LAYOUT - CR 258
187		INTERSECTION LAYOUT - FM 3405
188	- 190	DRIVEWAY DETAILS
191	- 193	GRADING LAYOUTS
ROADWAY STANDARDS		
194	- 195	SRR-19
196		GF(31)-19
197	- 198	GF(31)TR TL3-20
199		GF(31)DAT-19
200		GF(31)MS-19
201		SGT(10S)31-16
202	- 204	SRG(TL-3)-21
205		SSCC-16
206	- 207	CATCB(1)-17
208		CCCG-22
209	- 212	PED-18
213		MBGF-19
214		WE(2)-10
214A		BED-14
RETAINING WALL PLANS		
215		RETAINING WALL 01 PLAN & PROFILE
216		RETAINING WALL 02 PLAN & PROFILE
217		RETAINING WALL 03 PLAN & PROFILE
218	- 221	RETAINING WALL 04 PLAN & PROFILE
222		RETAINING WALL 05 PLAN & PROFILE
223		RETAINING WALL 06 PLAN & PROFILE
224		RETAINING WALL 07 PLAN & PROFILE
225		RETAINING WALL 08 PLAN & PROFILE
226		RETAINING WALL 09 PLAN & PROFILE
227		RETAINING WALL 10 PLAN & PROFILE
228		RETAINING WALL 11 PLAN & PROFILE
229		RETAINING WALL 12 PLAN & PROFILE
230		RETAINING WALL 13 PLAN & PROFILE
231		RETAINING WALL 14 PLAN & PROFILE
232	- 261	BORING LOGS

RETAINING WALL STANDARDS		
262		RW(SFC) (MOD)
263	- 264	RW(MSE)
265		RW(MSE)DD
266		RW(TRF)
267		RW(SF)
DRAINAGE PLANS		
268		EXTERNAL DRAINAGE AREA MAP
269		DRAINAGE AREA MAP SAN GABRIEL RIVER NORTH FORK
270	- 271	CROSSING NO. 2 CHANNEL GRADING PLAN
272		CULVERT LAYOUT SH 29
273		CULVERT LAYOUT CULVERT NO. 3
274		CULVERT LAYOUT CULVERT 2647+00
275		FLOWAGE EASEMENT MITIGATION GRADING PLAN BRIDGE NO. 5
276		FIRE STATION BATCH DETENTION POND
277	- 282	HYDRAULIC DATA SHEETS
283	- 285	PARALLEL CULVERT PLAN
286	- 296	PARALLEL CULVERT PROFILES
297	- 299	INTERNAL DRAINAGE MAPS
300		STORM SEWER HYDRAULIC COMPUTATIONS
301	- 306	STORM SEWER PLAN & PROFILE
307	- 315	DITCH TABLES
316		CITY OF AUSTIN INLET STANDARD
DRAINAGE STANDARDS & DETAILS		
317		SP
318		SCP-3
318A		SCP-5
319		SCP-9
320		SCP-MD
321		SCP-MD (MOD)
322		SCC-MD
323		BCS
324		FW-S
324A	- 324B	SETB-PD
325	- 326	SETP-CD
327		SETP-PD
328		PSET-SC
329		PSET-SP
330		PW
331		PBGC
332		PDD
332B		PRM
333	- 334	PSL
335		PB
336		PJB
337		PAZD
338		PAZD-CZ
WATER QUALITY		
339	- 355	WATER POLLUTION ABATEMENT PLAN EXHIBIT
356	- 365	WATER QUALITY POND PLANS
366	- 369	WATER QUALITY REMOVALS
370		WATER QUALITY POND DETAILS
371	- 372	STRUCTURAL DETAIL SHEETS
373		CITY OF AUSTIN STANDARD 508S-15
374		WPAP CONSTRUCTION NOTES
BRIDGE PLANS		
		<u>TRIBUTARY #1 TO SOWE'S BRANCH BRIDGE</u>
375	- 377	BRIDGE LAYOUT
378		ESTIMATED QUANTITIES & BEARING SEAT ELEVATIONS
379		ABUTMENT NO. 1
380		ABUTMENT NO. 8
381		MISCELLANEOUS ABUTMENT DETAILS
382		INTERIOR BENT NOS. 2-4
383		INTERIOR BENT NO. 5
384		INTERIOR BENT NOS. 6 & 7
385		FRAMING PLAN (SPANS 1 & 2)
386		250.00' PRESTRESSED CONCRETE I-GIRDER UNIT (SPANS 1 & 2)
387		FRAMING PLAN (SPANS 3 & 4)
388		250.00' PRESTRESSED CONCRETE I-GIRDER UNIT (SPANS 3 & 4)
389		FRAMING PLAN (SPANS 5-7)
390		265.00' PRESTRESSED CONCRETE I-GIRDER UNIT (SPANS 5-7)
		<u>SOWE'S BRANCH BRIDGE</u>
391		BRIDGE LAYOUT
392		ESTIMATED QUANTITIES & BEARING SEAT ELEVATIONS
393		ABUTMENT NO. 1
394		ABUTMENT NO. 3
395		MISCELLANEOUS ABUTMENT DETAILS
396		INTERIOR BENT NO. 2
397		FRAMING PLAN (SPANS 1 & 2)

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

Signature of Registrant, P.E. & Date

	RFI 44	ANK	1/31/25
	RFI #3	CAS	10/24
	RFI #2	CAS	10/24
NO.	REVISION	BY	DATE

RONALD REAGAN BLVD.						
SUPPLEMENTAL INDEX						
Designed: ANK	FED. RD. DIV. NO. X	STATE TEXAS	PROJECT NO.	HIGHWAY NO.		
Checked: ANK						
Drawn: ANK	DIST.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
Checked: ANK		WILLIAMSON				2

SHEET NO.	SUMMARY OF ROADWAY ITEMS LOCATION	432	432	432	432	432	540	540	540	540	540	540	544	545	#	#	#	#	
		6002	6022	6024	6031	6045	6001	6005	6006	6016	6018	540	544	545	552	552	552	552	560
		RIPRAP (CONC) (5 IN)	RIPRAP (STONE COMMON) (DRY) (6 IN)	RIPRAP (STONE COMMON) (DRY) (12 IN)	RIPRAP (STONE PROTECTION) (12 IN)	RIPRAP (MOW STRIP) (4 IN)	MTL W-BEAM GD FEN (TIM POST)	TERMINAL ANCHOR SECTION	MTL BEAM GD FEN TRANS (THRIE-BEAM)	DOWNSTREAM ANCHOR TERMINAL SECTION	MTL BM GD FEN TRANS (NON-SYM)	MTL W-BEAM GD FEN (LOW FILL CULVERT)	GUARDRAIL END TREATMENT (INSTALL)	CRASH CUSH ATTN (INSTL) (S) (N) (TL3)	WIRE FENCE (TY C)	WIRE FENCE (TY D)	GATE (TY 1)	GATE (TY 2)	MAILBOX INSTALL-S (WC-POST) TY 3
		CY	CY	CY	CY	CY	LF	EA	EA	EA	EA	LF	EA	EA	LF	LF	EA	EA	EA
	RONALD REAGAN BLVD.																		
1 OF 28	BEGIN PROJECT TO STA 2413+00																		
2 OF 28	STA 2413+00 TO STA 2423+00																		
3 OF 28	STA 2423+00 TO STA 2433+00																		
4 OF 28	STA 2433+00 TO STA 2443+00					6	75						1						
5 OF 28	STA 2443+00 TO STA 2453+00	73	338			30	475		2	3	2		2						
6 OF 28	STA 2453+00 TO STA 2463+00																		
7 OF 28	STA 2463+00 TO STA 2473+00	46	50																
8 OF 28	STA 2473+00 TO STA 2483+00																		
9 OF 28	STA 2483+00 TO STA 2493+00					9	66						2						1
10 OF 28	STA 2493+00 TO STA 2503+00					37	159		2	4	2	100	2						
11 OF 28	STA 2503+00 TO STA 2513+00																		
12 OF 28	STA 2513+00 TO STA 2523+00					10	145			2	2		1						
13 OF 28	STA 2523+00 TO STA 2533+00					32	580		3	1			2						
14 OF 28	STA 2533+00 TO STA 2543+00	1	56			1													
15 OF 28	STA 2543+00 TO STA 2553+00																		
16 OF 28	STA 2553+00 TO STA 2563+00		18			13	200		1	2	2		1	1					
17 OF 28	STA 2563+00 TO STA 2573+00					17	238	2	2				1						
18 OF 28	STA 2573+00 TO STA 2583+00	34		130		18	323			2	2		1						
19 OF 28	STA 2583+00 TO STA 2593+00	86		206		20	240		3				2						
20 OF 28	STA 2593+00 TO STA 2603+00																		
21 OF 28	STA 2603+00 TO STA 2613+00																		
22 OF 28	STA 2613+00 TO STA 2623+00		101			18	300		1	2	2		1						
23 OF 28	STA 2623+00 TO STA 2633+00	10				29	489		2	1			2						
24 OF 28	STA 2633+00 TO STA 2643+00			90	99	30	397		3	2	2		3						
25 OF 28	STA 2643+00 TO STA 2653+00	27				23	365			1			2						
26 OF 28	STA 2653+00 TO STA 2663+00	151				33	687						1						
27 OF 28	STA 2663+00 TO STA 2673+00					7	113						1						
28 OF 28	STA 2673+00 TO END PROJECT																		
	*MISCELLANEOUS REPAIR														5000	5000	2	2	
	RONALD REAGAN SUBTOTAL	428	563	426	99	333	4852	2	19	20	14	100	25	1	5000	5000	2	2	1

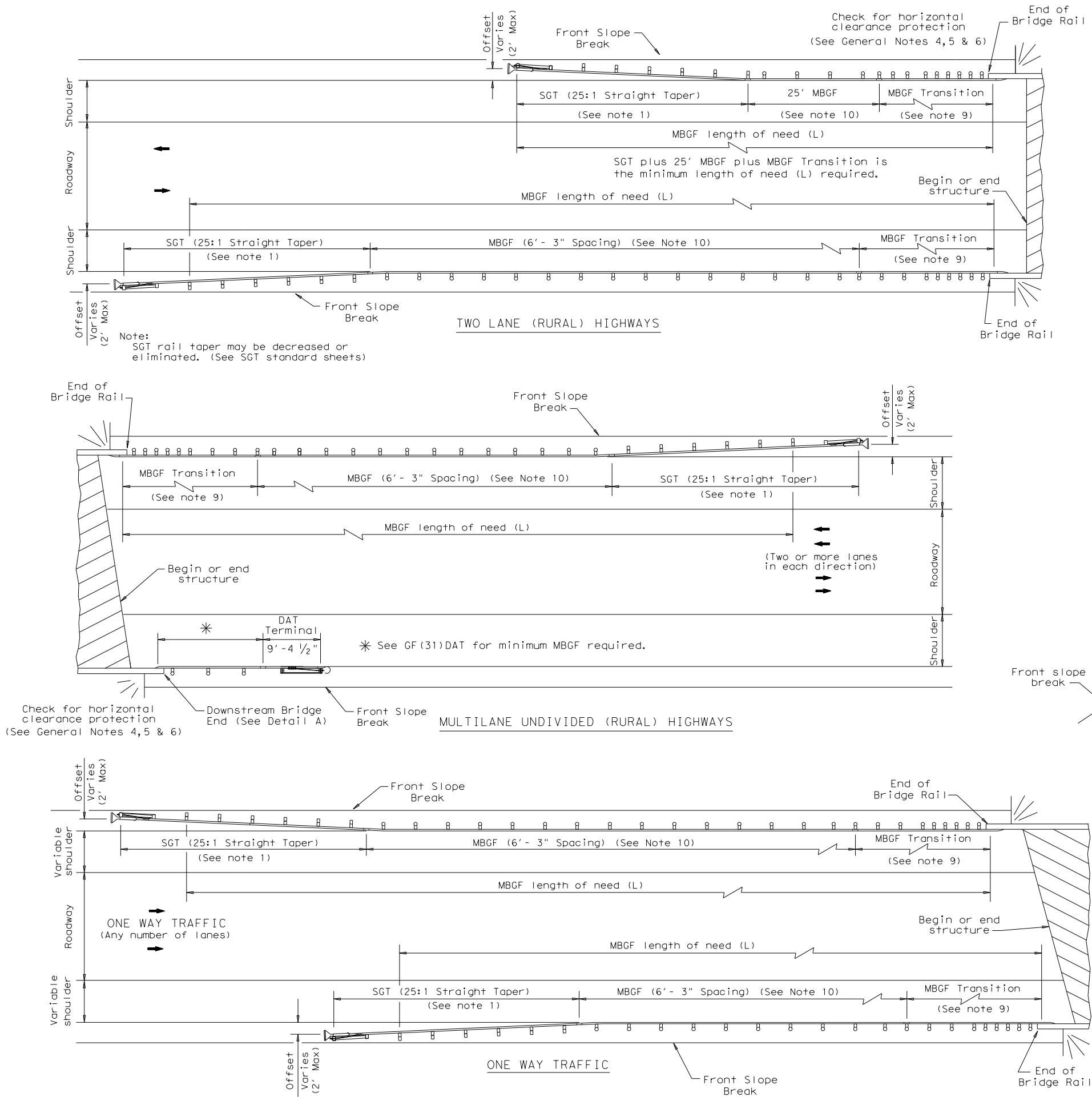
PLACEMENT OF FENCE AND GATES TO BE DETERMINED IN THE FIELD BY OBSERVER

 WILCO TEXAS	 an STV Company TEXAS REGISTERED ENGINEERING FIRM F-1741
RONALD REAGAN BLVD. SUMMARY OF ROADWAY ITEMS	

Designed:	ANK	FED. RD. DIV. NO.	X	STATE	TEXAS	PROJECT NO.		HIGHWAY NO.
Checked:	ANK							
Drawn:	ANK	DIST.		COUNTY		CONTROL NO.	SECTION NO.	JOB NO.
Checked:	ANK			WILLIAMSON				
								21

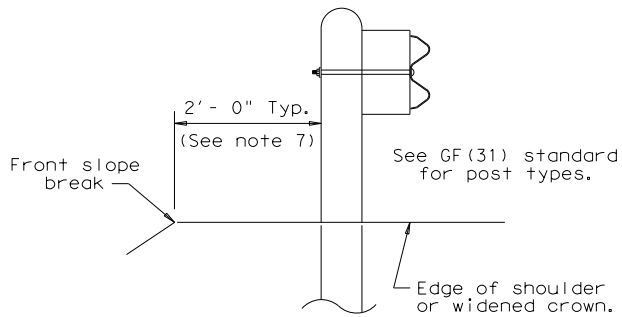
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE:
FILE:

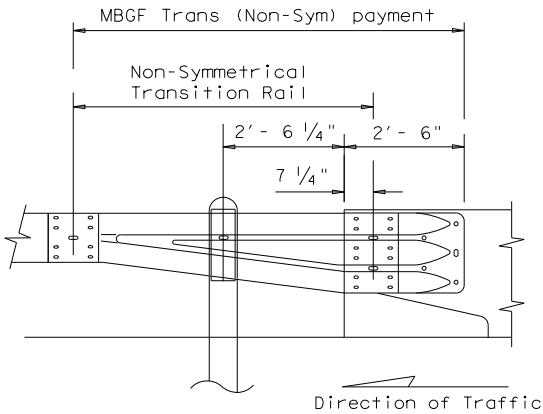


GENERAL NOTES

- For more detail: See GF(31), SGT()31, GF(31)TR, and GF(31)TL2 standard sheets.
- Quantities of metal beam guard fence (MBGF) at individual bridge ends are as shown in the plans.
- Use average daily traffic (ADT) for the current year to determine MBGF length of need in accordance with the Roadway Design Manual unless otherwise specified. Where significant traffic volume growth is anticipated on low volume (0-750 ADT) highways, use length determinations for the higher volume category.
- MBGF may not be required to shield departure end of bridge unless other obstacles within the horizontal clearance limits or opposing traffic indicate a MBGF consideration.
- Downstream anchor terminals (DAT) are only for downstream end anchorage use, outside the horizontal clearance area of opposing traffic.
- Direct connection of MBGF to concrete rails are only for downstream rail connections outside the horizontal clearance area of opposing traffic. (This requires a minimum of three standard line posts plus the DAT terminal, See Detail A)
- The crown shall be widened to accommodate MBGF. Typically the "front slope" break should be 2'-0" from the back of the MBGF post. This applies to new construction on new alignment or where existing roadway cross section is to be widened to increase roadway width. This does not apply to rehabilitation work where existing roadway crown width is to be retained (See Typical Cross Section at MBGF).
- For restrictive bridge widths: The MBGF should be properly transitioned from the existing bridge rail to the adjoining MBGF (See MBGF Transition Standards). Metal beam guard fence at these bridge location(s) shall be flared at the rate of 25:1 or flatter, and be of the length necessary to locate the terminal end at the 2 ft. "maximum" offset from the shoulder edge in the approach direction.
- Transition length and post spacing will vary depending on the transition type. Transition type will be shown elsewhere in the plans.
- A minimum 25' length of MBGF will be required.



TYPICAL CROSS SECTION
AT MBGF



Note:
All rail elements shall be lapped in the direction of adjacent traffic.

DETAIL A

Showing Downstream Rail Attachment



BRIDGE END DETAILS (METAL BEAM GUARD FENCE APPLICATIONS TO RIGID RAILS)

BED-14

FILE: bed14.dgn	DN: TxDOT	CK: AM	DW: BD/VP	CK: CGL
© TxDOT: December 2011	CONT	SECT	JOB	HIGHWAY
REVISIONS				
REVISED APRIL 2014 SEE (MEMO 0414)	DIST		COUNTY	SHEET NO.
				214A

