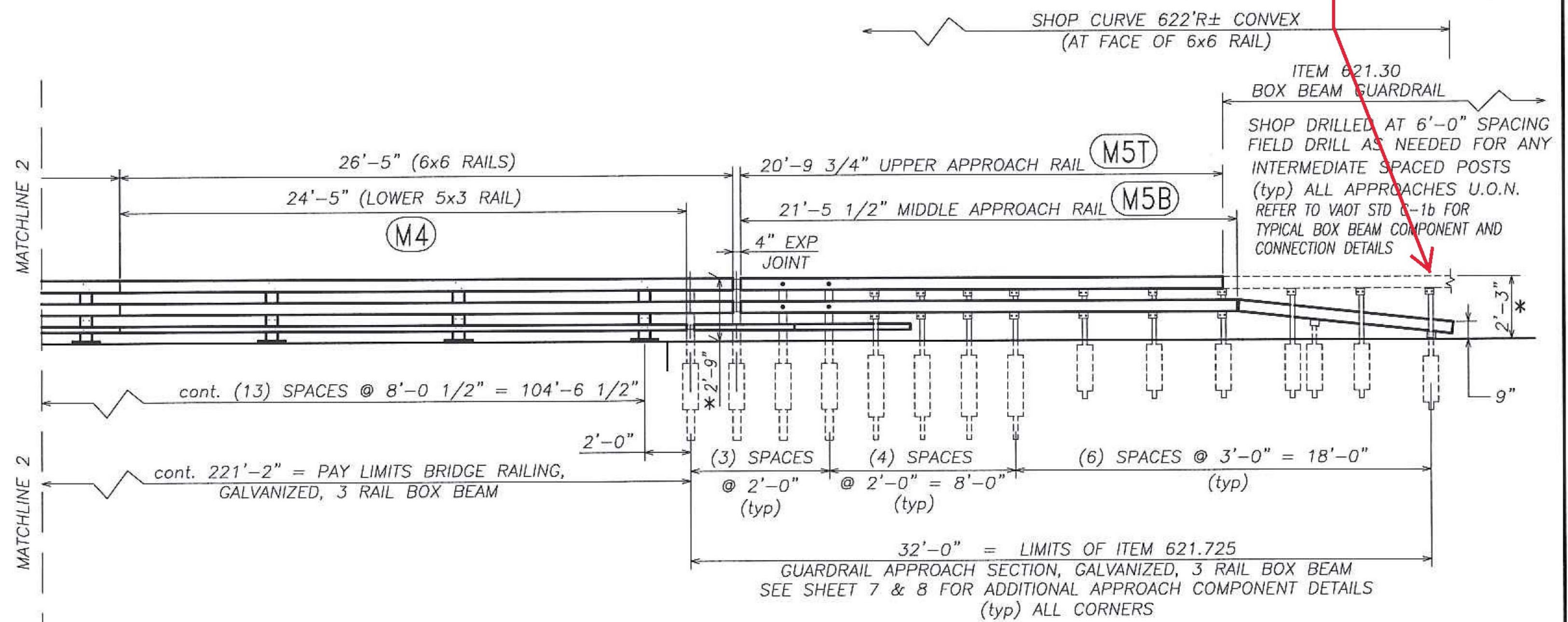


Vermont Agency of Transportation  
**RECEIVED**

CK'D BY CLB OK'D BY CWC

April 13, 2018

RESUBMIT NO Approved AsNoted  
BY C. CARLSON DATE 04/27/18



\* NOTE: APPROACH RAIL HEIGHT TAPERS FROM 2'-9" HIGH AT BRIDGE TO 2'-3" HIGH AT STANDARD BOX BEAM G/R HEIGHT. (typ) ALL CORNERS. RAILING IS DEPICTED STRAIGHT (LEVEL) IN THIS VIEW FOR SIMPLIFICATION. REFER TO SHEET 7 & 8 FOR SPECIFIC APPROACH RAIL DETAILS

Qty	mk#	Description	Spec.
4 EA		ITEM 621.725 GUARDRAIL APPROACH SECTION, GALVANIZED, 3 RAIL BOX BEAM	
2	M5T	HSS 6 x 6 x 3/16 BX BM TOP @ 20'-9.750" LONG (GALV) 625'R curve convex	A500 gr B
2	M5B	HSS 6 x 6 x 3/16 BX BM BOTTOM @ 21'-5.500" LONG (GALV) 625'R curve convex	A500 gr B
1	M9T	HSS 6 x 6 x 3/16 BX BM TOP @ 20'-9.750" LONG (GALV) 650'R curve concave	A500 gr B
1	M9B	HSS 6 x 6 x 3/16 BX BM BOTTOM @ 21'-5.500" LONG (GALV) 650'R curve concave	A500 gr B
1	M10T	HSS 6 x 6 x 3/16 BX BM TOP @ 20'-9.750" LONG (GALV) 650'R curve concave + partial 35.21'R convex miter & weld end	A500 gr B
1	M10B	HSS 6 x 6 x 3/16 BX BM BOTTOM @ 21'-5.500" LONG (GALV) 650'R curve concave + partial 35.21'R convex miter & weld end	A500 gr B
16	-43	W6 X 8.5 POST @ 7'-0" w/ 1/4 x 8 x 24 WELDED SOIL PLATE (GALV)	A572/A992 gr 50
16	-29	S3 x 5.7 TRANSITION POST @ 7'-0" w/ 1/4 x 8 x 32 WELDED SOIL PLATE (GALV)	A36
24	-09	S3 x 5.7 STD BX BM POST @ 5'-3" LONG w/ 1/4 x 8 x 24 WELDED SOIL PLATE (GALV)	A36
8	-17	S3 x 5.7 END POST @ 3'-8" MIN w/ 1/4 x 8 x 24 WELDED SOIL PLATE (GALV)	A36
32	-06	TUBE OFFSET BLOCK 8 x 6 x 1/4 x 6" LONG (GALV)	A500 gr B
12	-03	TUBE OFFSET BLOCK 8 x 6 x 1/4 x 3" LONG (GALV)	A500 gr B
3	TRFLA	HSS 6 x 6 x 3/16 BX BM FLAREBACK END TUBE 9'-0" LONG w/ 1/4 x 5.750 WELDED CAP (GLV)	A500 gr B
1	M11	HSS 6 x 6 x 3/16 BX BM FLAREBACK END TUBE 9'-0" LONG w/ 1/4 x 5.750 WELDED CAP (GLV) miter & weld for 35'R	A500 gr B
4	SPL	DBL MITER END SPLICE HSS 5 x 5 x 5/16 x 2'-4" w/ (4) 3/8 x 4 x 9-1/2" WELDED FILL PLATES (GLV)	A500 gr B
4	23A	FIX SPLICE TUBE HSS 5 x 5 x 5/16 x 2'-3" w/ (3) 1/4 x 4 x 26 WELDED FILL PLATES (GLV)	A500 gr B
8	30A	EXP SPLICE TUBE HSS 5 x 5 x 5/16 x 3'-0" w/ 1/4 x 4 WELDED FILL PLATES (2)@35 + (1)@20 (GLV)	A500 gr B
68	-CL	BOX BEAM STANDARD SHELF ANGLE L 5 x 3-1/2 x 3/8 x 4-1/2 LONG (GALV)	A36
4	-EN	BOX BEAM FLAREBACK END POST ANGLE L 5 x 3-1/2 x 3/8 x 4-1/2 LONG (GALV)	A36
32	1	3/4 X 8 CARR BOLT - N FW LW	A307
12	2	7/8 X 8 ROUND HEAD BOLT - N FW LW	A449 / A325
88	3	1/2 X 1 1/2 HEX BOLT - N 2FW LW	A307
68	4	3/8 X 7 1/2 HEX BOLT - N 2FW	A307
72	5	1/2 X 1 1/2 HEX BOLT - N FW	A307
8	6	3/4 x 7 1/2 HEX BOLT W/HN & 2 FW & LW	A325
4	7	3/4 X 8 HEX BOLT - N 2FW	A307
48	8	3/4 x 7 1/2 HEX BOLT W/ HN & 2 FW	A325

**HIGHWAY SAFETY CORP**  
GLASTONBURY, CT  
860-633-9445

ITEM 525.335 BRIDGE RAIL, GALVANIZED, 3 RAIL BOX BEAM  
ITEM 621.725 GUARDRAIL APPROACH, GALVANIZED, 3 RAIL BOX BEAM  
VT RT 15A BRIDGE No. 1  
TOWN OF MORRISTOWN - LAMOILLE COUNTY, VT  
BRS 0240(3) S

**CERTIFIED FABRICATOR**

GENERAL CONTRACTOR  
SUB CONTRACTOR LAFAYETTE

HSC JOB NO. **2236**  
SHEET NO. **2 of 8**

DRAWN PAR CHECKED DATE 04-09-18 SCALE NONE SIZE D