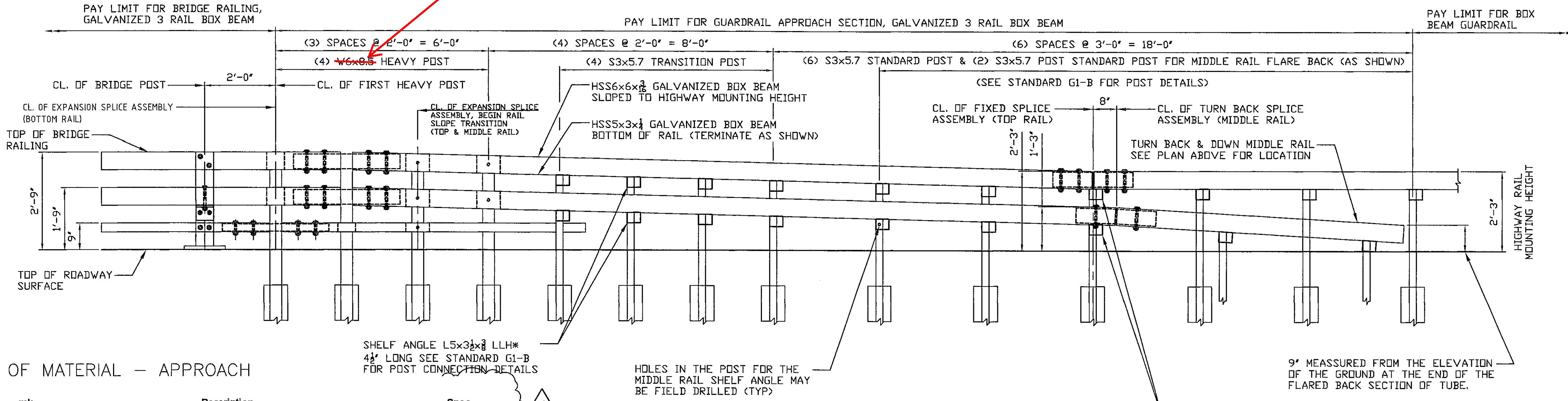


3 RAIL BOX BEAM PLAN VIEW



3 RAIL BOX BEAM ELEVATION

BILL OF MATERIAL - APPROACH

Qty	mk	Description	Spec.
4		6 X 6 BM BM TOP @ 20'-9.5" EXP	A500 gr B
4		6 X 6 BM BM BOTT @ 21'-5" EXP	A500 gr B
16		W6 X 8.5 POST @ 7'-0" W/SPADE	A36
12		3" I POST @ 7'-0" W/2'-8" SPADE	A36
24		3" I POST @ 5'-3" W/SPADE STD	A36
8		3" I POST @ 3'-11" W/SPADE	A36
32		TUBE BLOCKOUT 6" X 8'-6" LONG	A500 gr B
8		TUBE BLOCKOUT 6" X 8'-3" LONG	A500 gr B
4		9' BX BM TRANS FLAREBACK END	A500 gr B
4		5 X 5 DOUBLE BEND SPLICE TUBE	A500 gr B
4		5 X 5 FIXED TUBE SPLICE 27"	A500 gr B
8		5 X 5 EXP TUBE SPLICE 36"	A500 gr B
68		BOX BEAM CLIP ANGLE STD	A36
4		BOX BEAM END ANGLE STD	A36
32		3/4 X 8 CARR BOLT - N FW LW (2 per heavy post)	A307
4		3/4 X 8 HEX BOLT - N 2FW (1 per 9'-0" flareback)	A307
72		1/2 X 1 1/2 HEX BOLT - N FW (1 per shelf / end angle)	A307
80		1/2 X 1 1/2 HEX BOLT - N 2FW LW (2 per tube block)	A307
72		3/8 X 7 1/2 HEX BOLT - N 2FW (1 per shelf angle)	A307
48		3/4 x 7 1/2 HEX BOLT W/ HN & 2 FW (A325) (4 per 6x6 splice)	A325
8		3/4 x 7 1/2 HEX BOLT W/ HN & 2 FW & LW (A325) (2 per angled turnback splice)	A325

ITEM 621.725 GUARDRAIL APPR. SECTION 3 RAIL = 4 EA.

**Vermont Agency of Transportation**

RECEIVED

CK'D BY M. Umberger OK'D BY C. Carlson

July 2, 2013

RESUBMIT Approved AsNoted

BY C. Carlson DATE 07/03/13

HIGHWAY SAFETY CORP

GLASTONBURY, CT  
860-633-9445

ITEM 621.725 APPROACH SECTION  
TOWN OF ST. JOHNSBURY  
COUNTY OF CALEDONIA  
US ROUTE 2 - PRINCIPAL ARTERIAL  
BRIDGE NO. 108  
PROJECT NO. BRF 028-4(25)S

GENERAL CONTRACTOR

SUB CONTRACTOR

DRAWN

CHECKED

DATE

SCALE

SIZE

CERTIFIED FABRICATOR

NSC JOB NO.

SHEET NO.

2 of 4