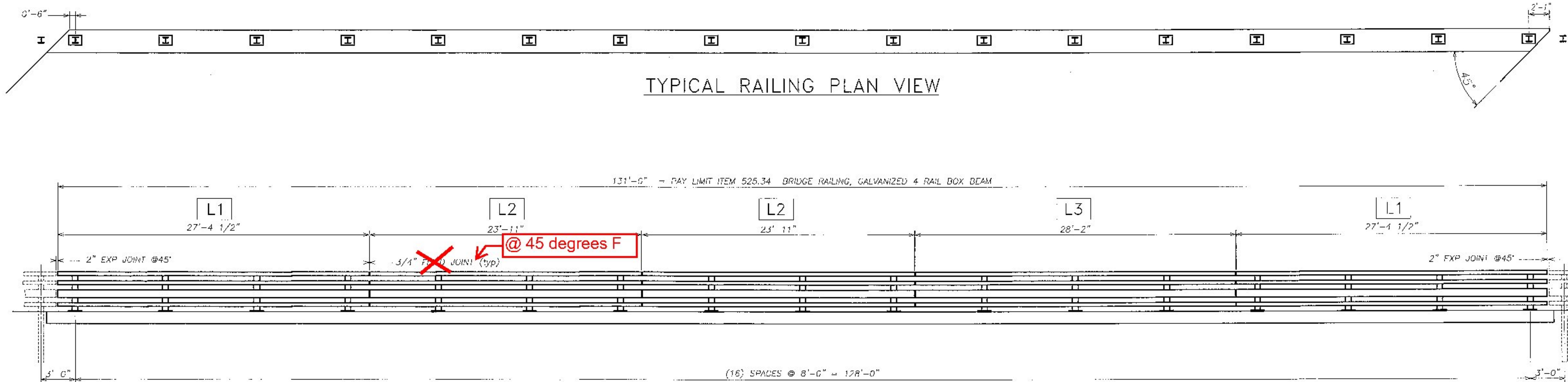


TYPICAL RAILING PLAN VIEW



TYPICAL RAILING ELEVATION
LOOKING AT FACE OF RAIL FROM CENTERLINE OF ROAD
BOTH SIDES TYPICAL

BILL OF MATERIAL

ITEM 525.34 BRIDGE RAILING, GALVANIZED 4 RAIL BOX BEAM (262 LF)

Qty	mk	Description	Spec.
34		BRIDGE RAILING POST W6 x 25 x 3'-5.375" OAH WITH 1 x 10 x 14 BASE PLATE (GLV)	A709 gr 50
8		SPLICE TUBE (FOR 8X4 RAIL) HSS 7 x 3 x 3/8 x 1'-8.000" OAL w/ TAPPED HOLES & 2 WELDED NUTS (GLV)	A500 gr B
24		SPLICE TUBE (FOR 4X4 RAIL) HSS 3 x 3 x 5/16 x 1'-8.000" OAL w/ TAPPED HOLES & 2 WELDED NUTS (GLV)	A500 gr B
4	L1	RAIL TUBE 8 x 4 x 5/16 (GALV) 27'-4.500" LG	A500 gr B
4	L2	RAIL TUBE 8 x 4 x 5/16 (GALV) 23'-11.000" LG	A500 gr B
2	L3	RAIL TUBE 8 x 4 x 5/16 (GALV) 28'-2.000" LG	A500 gr B
12	L1	RAIL TUBE 4 x 4 x 1/4 (GALV) 27'-4.500" LG	A500 gr B
12	L2	RAIL TUBE 4 x 4 x 1/4 (GALV) 23'-11.000" LG	A500 gr B
6	L3	RAIL TUBE 4 x 4 x 1/4 (GALV) 28'-2.000" LG	A500 gr B
34		ANCHOR SPACER PLATE PL 0.375 x 13.000 x 9.375	A709 gr 36
138		ANCHOR STUD DBL END PART THREAD - 1" DIA x 14.000 LG (GLV)	A449
276		HEAVY HEX NUT 1" (GLV)	A563 DH
138		ROUND WASHER (SAE) - 1" DIA SMALL (GLV)	F436
138		JAM NUT 1" (GALV)	A563 DH
272		ROUND HEAD POST BOLT slot or wrench head - no shoulder 3/4" DIA x 6" LG. FULL BODY (GLV)	A449 / A325
272		LOCK NUT 3/4" (GLV)	A563 DH
272		(3/4") PLAIN ROUND WASHER TYPE A (GALV) 0.750" DIA USS LARGE (HI-CARBON)	F844
128		(5/8") HEX HEAD BOLT (GALV) 0.625" DIA x 1.750" LG.	A325
128		(5/8") PLAIN ROUND WASHER (GALV) 0.625" USS LARGE	F844
64		3/4" SPACER PIPE 0.750" DIA. (SCH 40) x 1/2" LG.	A53 gr B
34		BEARING PAD 0.125" THICK x 10.000 x 14.000 (NEOPRENE 80 duro +/-10)	aashto M251

Vermont Agency of Transportation
RECEIVED
ON: **May 19, 2015**
and Checked for
CONFORMANCE
BY: Todd A. Sumner DATE: 05/27/2015

SUBMITTAL REVIEW

Review is only for general conformity to the contract drawings and specifications and shall not relieve the contractor of his entire responsibility under the contract, including, among other things, dimensions to be confirmed and correlated at the job site, and information that pertains to the fabrication processes or to techniques of construction.

NO EXCEPTIONS TAKEN
 MAKE CORRECTIONS NOTED
 RESUBMITTAL NOT REQUIRED
 AMEND AND RESUBMIT
 REJECTED - SEE REMARKS

BY: *Alan M. Stead*
DATE: *5/26/15*

No.	Remarks	Date
A	miscellaneous review corrections	5/19/15
0	Initial submittal	05-30-15

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

ITEM 525.34 BRIDGE RAILING, GALVANIZED 4 RAIL BOX BEAM
ITEM 621.73 GUARDRAIL APPROACH SECTION, GALVANIZED 4 RAIL BOX BEAM
TH1 EAST RIVER ROAD BRIDGE #19
TOWN OF LINCOLN, VT ADDISON COUNTY
BRF 018B (8)

CERTIFIED FABRICATOR

REV. JOB NO. **2041**
SHEET NO. **1 of 4**

GENERAL CONTRACTOR: LAFAYETTE
DATE: 03-27-15
SCALE: NONE SIZE: D