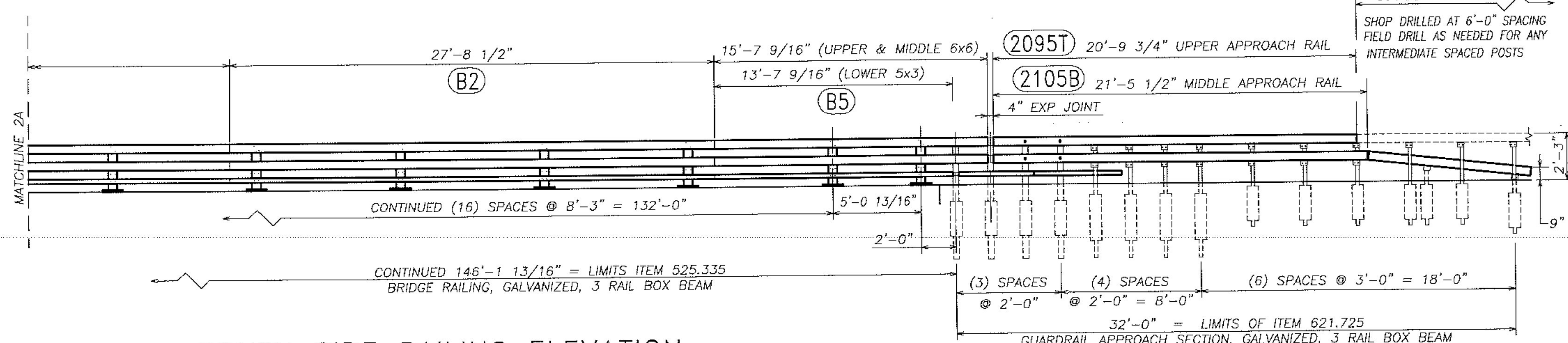


BILL OF MATERIAL

Qty	mk	Description	Spec.
294	LF	ITEM 525.335 BRIDGE RAILING, GALVANIZED, 3 RAIL BOX BEAM	
38		BRIDGE RAILING POST W6 x 25 x 2'-8.875" OAH WITH 1-1/4 x 10 x 14 BASE PLATE (GLV)	A709 gr 50
38		BRIDGE RAIL SHELF ANGLE (GALV) L 5 x 5 x 5/8 x 6" LONG	A709 gr 50
38		BEARING PAD 0.125" THICK x 10.000 x 14.000 (NEOPRENE 80 duro +/-10)	aashTo M254
20		FIX SPLICE TUBE (FOR 6X6) 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
10		FIX SPLICE BAR (FOR 5X3) PL 2.125 x 4.250 x 27.000 (GALV)	A709 gr 50
4		EXP SPLICE BAR (FOR 5X3) PL 2.125 x 4.250 x 36.000 (GALV)	A709 gr 50
8	B1	UPPER & MIDDLE RAIL HSS 6 x 6 x 3/16 (GALV) 29 ft - 11.5 in LG (FIX splice both ends)	A500 gr B
8	B2	UPPER & MIDDLE RAIL HSS 6 x 6 x 3/16 (GALV) 27 ft - 8.5 in LG (FIX splice both ends)	A500 gr B
4	B3	UPPER & MIDDLE RAIL HSS 6 x 6 x 3/16 (GALV) 18 ft - 7.75 in LG (1 end EXP, 1 end FIX splice)	A500 gr B
2	B4	UPPER & MIDDLE RAIL HSS 6 x 6 x 3/16 (GALV) 16 ft - 7.0625 in LG (1 end EXP, 1 end FIX splice)	A500 gr B
2	B5	UPPER & MIDDLE RAIL HSS 6 x 6 x 3/16 (GALV) 15 ft - 7.5625 in LG (1 end EXP, 1 end FIX splice)	A500 gr B
4	B1	LOWER RAIL TUBE HSS 5 x 3 x 1/4 (GALV) 29 ft - 11.5 in LG (FIX splice both ends)	A500 gr B
4	B2	LOWER RAIL TUBE HSS 5 x 3 x 1/4 (GALV) 27 ft - 8.5 in LG (FIX splice both ends)	A500 gr B
2	B3	LOWER RAIL TUBE HSS 5 x 3 x 1/4 (GALV) 16 ft - 7.75 in LG (1 end EXP, 1 end FIX splice)	A500 gr B
1	B4	LOWER RAIL TUBE HSS 5 x 3 x 1/4 (GALV) 14 ft - 7.0625 in LG (1 end EXP, 1 end FIX splice)	A500 gr B
1	B5	LOWER RAIL TUBE HSS 5 x 3 x 1/4 (GALV) 13 ft - 7.5625 in LG (1 end EXP, 1 end FIX splice)	A500 gr B
4		LOWER FLAREBACK TUBE 5 x 3 x 1/4 x 9'-4" OAL w/ welded cap 1/4" x 4.750" x 2.750" (GALV) exp slots 1 end	A500 gr B
38		ANCHOR SPACER PLATE PL 0.375 x 10.000 x 14.000 (GALV)	A709 gr 36
152		ANCHOR STUD DBL END PART THREAD - 1" DIA x 13.000 w/ 2.250" THD EACH END (GLV)	A449
304		HEAVY HEX NUT 1" (GLV)	A563 DH
152		ROUND WASHER (SAE)- 1" DIA SMALL (GLV)	F436
152		JAM NUT 1" (GALV)	A563 DH
152		7/8 x 8 slotted head bolt HDG w/ HN & LW SQW (for upper & lower rail tube to post connection)	A449
38		3/4 x 8 hex bolt HDG w/ HN & LW (A325) (for middle rail tube to shelf angle connection)	A325
76		3/4 x 2.5 hex bolt HDG w/ HN & LW (A325) (for shelf angle to post connection)	A325
56		3/4 x 4.5 hex bolt HDG w/ HN & 2 FW (A325) (for 5x3 rail splice bar connection)	A325
80		3/4 x 7.5 hex bolt HDG w/ HN & 2 FW (A325) (for 6x6 rail splice tube connection)	A325



SOUTH SIDE RAILING ELEVATION
LOOKING AT TRAFFIC FACE OF RAILING
FACING SOUTH FROM CENTERLINE OF ROAD

Vermont Agency of Transportation
RECEIVED
CK'D BY G. ROY OK'D BY S. FAGAN
February 17, 2017
RESUBMIT NO Approved
BY C. CARLSON DATE 02/24/2017

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
RT. VT 25B BRIDGE NO. 1 OVER WAITS RIVER
TOWN OF BRADFORD ORANGE COUNTY, VT
BF 0191 (29)

GENERAL CONTRACTOR
SUN CONTRACTOR
VT REC.

SCALE NONE SIZE D

CERTIFIED FABRICATOR
HSC JOB NO. 2155
SHEET NO. 2 of 6