



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

BILL OF MATERIAL

ITEM 525.33 BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM = 56 LF

Qty	mk	Description	Spec.
10		BRIDGE RAILING POST W6 x 25 x 2'-2.375" OAH WITH 1 x 10 x 14 BASE PLATE (GLV)	A709 gr 50
2		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
2		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
2	R1	UPPER RAIL TUBE HSS 8 x 4 x 5/16 x 12'-1.500" LG (GLV) one end holes, one end slots	A500 gr B
2	R2	UPPER RAIL TUBE HSS 8 x 4 x 5/16 x 15'-2.000" LG (GLV) one end holes, one end slots	A500 gr B
2	R1	LOWER RAIL TUBE HSS 4 x 4 x 1/4 x 12'-1.500" LG (GLV) one end holes, one end slots	A500 gr B
2	R2	LOWER RAIL TUBE HSS 4 x 4 x 1/4 x 15'-2.000" LG (GLV) one end holes, one end slots	A500 gr B
10		ANCHOR SPACER PLATE PL 0.375 x 13.000 x 9.375	A709 gr 36
40		ANCHOR STUD DBL END PART THREAD - 1" DIA x 12.000 w/ 2.250" THD EACH END (GLV)	A449
80		HEAVY HEX NUT 1" (GLV)	A563 DH
40		ROUND WASHER (SAE) - 1" DIA SMALL (GLV)	F436
40		JAM NUT 1" (GALV)	A563 DH
40		ROUND HEAD POST BOLT slot or wrench head - no shoulder 3/4" DIA x 6" LG. FULL BODY (GLV)	A449 / A325
40		LOCK NUT 3/4" (GLV)	A563 DH
40		ROUND WASHER (SAE) 3/4" (GLV)	F436
16		HEX HEAD BOLT 5/8" DIA x 1.75" LG. (GLV)	A325
16		ROUND WASHER (SAE) 5/8" (GLV)	F436
10		BEARING PAD 0.125" THICK x 10.000 x 14.000 (NEOPRENE 80 duro +/-10)	aashto M251

No.	Remarks	Date
B	changes to match precast drawings	06-19-15
A	changes to match precast drawings	05-14-15
0	initial submittal	04-28-15

Vermont Agency of Transportation

RECEIVED

CK'D BY FDB OK'D BY HIS

June 23, 2015

RESUBMIT No Approved

BY Carolyn Carlson DATE 06/23/15

HIGHWAY SAFETY CORP

GLASTONBURY, CT
860-633-9445

ITEM 525.33 BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM (S-360A)

BRF 0302 (28)
TH 3 - BRIDGE NO. 6
TOWN OF RICHFORD, FRANKLIN COUNTY VT

GENERAL CONTRACTOR

LAFAYETTE

DATE 04-27-15

CERTIFIED FABRICATOR

MSJ JOB NO. 2039

SHEET NO. 1 of 3