



TYPICAL RAIL ELEVATION
looking from center of road

BILL OF MATERIAL (BOTH SIDES)				
mk.	Qty.	Description	Size/Shape	Material
32		BRIDGE RAIL FEU POST 2'-2 3/8" OAH W/ BASE PLATE		
32		POST UPRIGHT	W6 x 25	2'-1 3/8" A709 Gr. 50
32		POST BASE PLATE	10" x 1"	1'-2" A709 Gr. 50
8		UPPER SPLICE TUBE FOR B x 4 RAIL		
8		TUBE	TS 7x3x3/8	1'-8" A500 Gr. B
16		WELDED LOCK NUT (OUTER HOLES ONLY)	5/8"	A563
8		LOWER SPLICE TUBE FOR 4 x 4 RAIL		
8		TUBE	TS 3x3x5/16	1'-8" A500 Gr. B
16		WELDED LOCK NUT (OUTER HOLES ONLY)	5/8"	A563
B1	2	UPPER RAIL	TS 8x4x5/16	23'-5 1/2" A500 Gr. B
2		LOWER RAIL	TS 4x4x1/4	23'-5 1/2" A500 Gr. B
B2	6	UPPER RAIL	TS 6x4x5/16	23'-5 1/2" A500 Gr. B
6		LOWER RAIL	TS 4x4x1/4	23'-5 1/2" A500 Gr. B
B3	2	UPPER RAIL	TS 8x4x5/16	26'-3 1/16" A500 Gr. B
2		LOWER RAIL	TS 4x4x1/4	26'-3 1/16" A500 Gr. B
32		ANCHOR PLATE	9 3/8" x 3/8"	1'-1" A36
128		ANCHOR STUD	1" DIA.	12" A449
128		HEX NUT	1" DIA.	A563
256		HEAVY HEX NUT	1" DIA.	A563DH
128		WASHER	1" DIA.	F436
128		ROUND HEAD BOLT	3/4" DIA.	6" M164 type 1
128		LOCK NUT	3/4" DIA.	A563DH
128		WASHER	3/4" DIA.	F436
64		CAP SCREW	5/8" DIA.	1 3/4" A325
64		WASHER	5/8" DIA.	F436
32		PIPE SPACER (SCH. 40)	3/4" DIA.	1/2" A53
32		BEARING PAD	10" x 1/8"	1'-2" W251

Vermont Agency of Transportation

RECEIVED

CK'D BY UBS OK'D BY CWC

16 November 2011

RESUBMIT APPROVED ✓
BY C.W.CARLSON DATE 11-16-2011

No.	Remarks	Date
0	Initial submittal	11-03-11
REVISIONS		

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445

ITEM 525.33 NETC 2 RAIL BRIDGE RAIL
VT ROUTE 12
BETHEL, VERMONT
PROJECT NO. BHF 0241(30)

CERTIFIED FABRICATOR

GENERAL CONTRACTOR
SUB CONTRACTOR
DRAWN BY: MMH CHECKED BY: PAR DATE: 10-27-11 SCALE: NONE SIZE: D

F.R. LAFAYETTE
1856
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