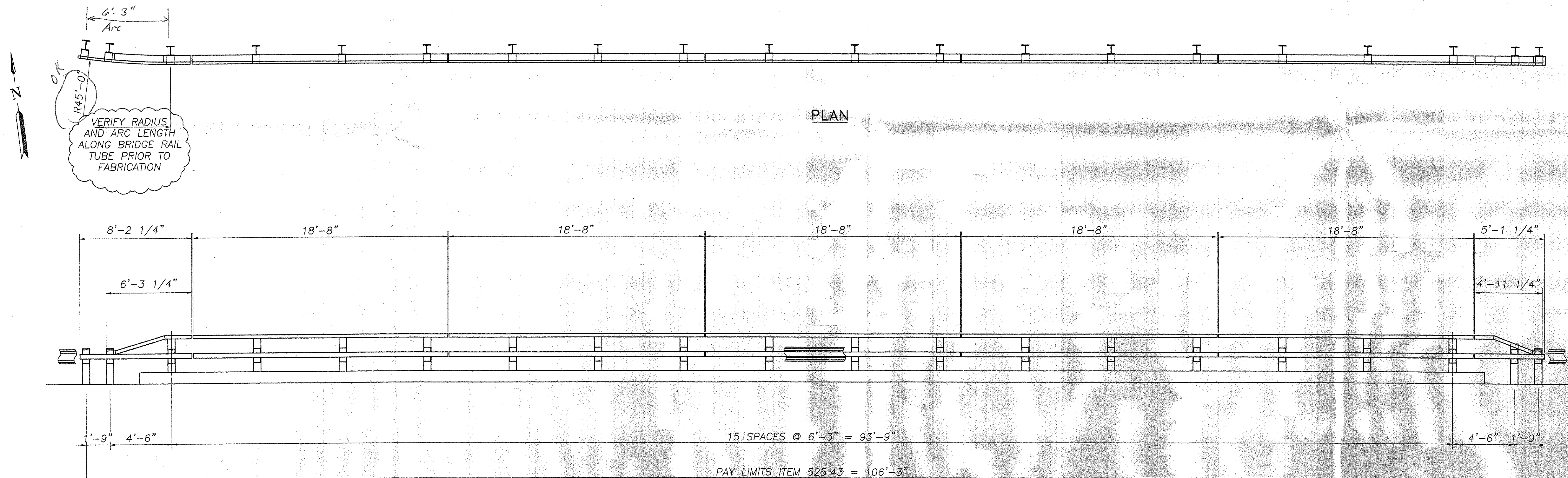


*The Bill of Materials was not checked by the reviewer*

BILL OF MATERIAL (NORTH SIDE)				
Qty.	Description	Size/Shape	Length	Material
16	FASCIA MTD. POST	W8 x 24	4'-1"	A572 GR 50
3	DRIVEN POST	W8 x 24	6'-0"	A572 GR 50
1	DRIVEN POST	W8 x 24	6'-4"	A572 GR 50
8	10 GA.HDSB RAIL 12'-6" / 6'-3"	W-BEAM	12'-6"	A572 GR 50
1	10 GA.HDSB RAIL 12'-6" / 6'-3" CURVED 45° RADIUS	W-BEAM	12'-6"	A572 GR 50
5	HAND RAIL TUBE	TS 6 x 3 x 1/4"	18'-8"	A500 GR B
1	HAND RAIL DROP END	TS 6 x 3 x 1/4"	4'-11.25"	A500 GR B
1	HAND RAIL DROP END (PART. 45° CURVE)	TS 6 x 3 x 1/4"	6'-3.25"	A500 GR B
5	BRIDGE TUBING	TS 8 x 4 x 3/16"	18'-8"	A500 GR B
1	BRIDGE TUBING (PART. 45° CURVE)	TS 8 x 4 x 3/16"	8'-2.25"	A500 GR B
1	BRIDGE TUBING	TS 8 x 4 x 3/16"	5'-1.250"	A500 GR B
12	SPLICE PLATE	.750" x 5"	2'-7"	A572 GR 50
16	SHELF BRACKET	LS x 3 1/2 x 3/8"	6.500"	A36
40	TUBE BLOCK TS 8x4x3/16"	TS 8 x 4 x 3/16"	6"	A500 GR B
20	SPECIAL PLATE WASHER	.250" x 1.750"	3"	A572 GR 50
6	SPLICE CHANNEL	C7 x 12.25	2'-7"	A572 GR 50
24	HEX BOLT W/HEAVY HEX NUT & FLAT WASHER	3/4"Ø	4"	A307
20	HEX BOLT W/NUT & STD. WASHER	5/8"Ø	10"	A307
16	HEX BOLT W/NUT & (2) STD. WASHERS	5/8"Ø	4.500"	A307
41	HEX BOLT W/NUT & (2) STD. WASHER	5/8"Ø	2"	A325
32	HEX BOLT W/NUT & STD. WASHER	5/8"Ø	2"	A563
24	HEX BOLT W/STD. WASHER	5/8"Ø	2"	A325
72	RD HEAD SPLICE BOLT W/NUT	5/8"Ø	1.250"	A307
20	HEX BOLT W/NUT & (2) STD. WASHERS	5/8"Ø	13"	A325
*16	U-BOLT ANCH. W/(4)NUTS&(2)STD. WASHERS	1"Ø	--	A449
*64	PLATE WASHER	.250" x 2"	5"	A36

\* - PROVIDED BY OTHERS - NOT SUPPLIED BY HIGHWAY SAFETY CORP.  
 TOTAL ITEM 525.43 (BOTH SIDES OF BRIDGE) = 212.5'



ELEVATION - NORTH BRIDGE RAIL FACING NORTH FROM CL OF ROADWAY

ABUTMENT NO. 1  
FIXED END

ABUTMENT NO. 2  
EXPANSION END



**HIGHWAY SAFETY CORP.**  
GLASTONBURY, CT

ITEM 525.43 STEEL BRIDGE RAIL - HDSB W/HANDRAIL  
 TOWN OF BRATTLEBORO, WINDHAM COUNTY  
 TH 378 (WILLIAMS ST.) OVER WHESTONE BROOK  
 BRIDGE No. 34  
 PROJECT No. BHF 2000(22)

DRAWN: MHM  
 CHECKED: [Signature]  
 DATE: 5/21/04  
 SCALE: NONE  
 HSC REFERENCE NO.: 1448  
 SIZE: D REVISION: 0  
 SHEET NO.: 1 of 3

GENERAL CONTRACTOR:  
 SUB CONTRACTOR: F.R. LAFAYETTE, INC.

ACCEPTED AS CORRECTED ✓  
 REJECTED, REVISE AND RESUBMIT  
 REJECTED, UNACCEPTABLE

Checking is only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. The Engineer assumes no liability for errors or omissions that may be contained herein. The Contractor, by approving and submitting these documents, verifies their accuracy as required on the Contractor's Shop Drawing Stamp.

Date: 6/16/04  
 BY: [Signature]

REVISIONS		
No.	Remarks	Date
0	Initial submittal	5/22/04