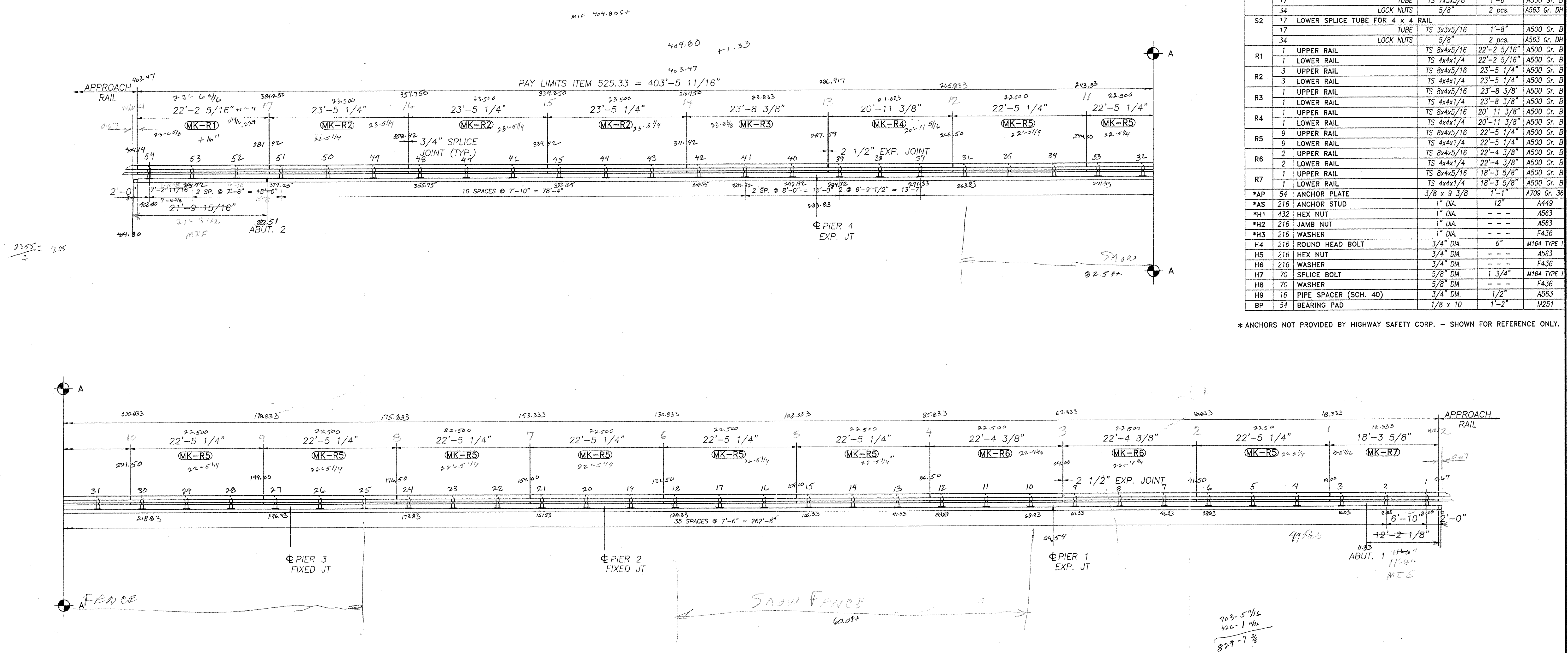


BILL OF MATERIAL (ITEM 563.22)				
Mk.	Qty.	Description	Size/Shape	Material
P1	54	BRIDGE RAIL PED POST 680mm OAH W/ BASE PLATE		
	54	POST UPRIGHT	W6 x 25	2'-03/8" A709 Gr. 50
	54	POST BASE PLATE	1" x 10"	1'-2" A709 Gr. 50
S1	17	UPPER SPLICE TUBE FOR 8 x 4 RAIL		
	17	TUBE	TS 7x3x3/8	1'-8" A500 Gr. B
	34	LOCK NUTS	5/8"	2 pcs. A563 Gr. DH
S2	17	LOWER SPLICE TUBE FOR 4 x 4 RAIL		
	17	TUBE	TS 3x3x5/16	1'-8" A500 Gr. B
	34	LOCK NUTS	5/8"	2 pcs. A563 Gr. DH
R1	1	UPPER RAIL	TS 8x4x5/16	22'-2 5/16" A500 Gr. B
	1	LOWER RAIL	TS 4x4x1/4	22'-2 5/16" A500 Gr. B
R2	3	UPPER RAIL	TS 8x4x5/16	23'-5 1/4" A500 Gr. B
	3	LOWER RAIL	TS 4x4x1/4	23'-5 1/4" A500 Gr. B
R3	1	UPPER RAIL	TS 8x4x5/16	23'-8 3/8" A500 Gr. B
	1	LOWER RAIL	TS 4x4x1/4	23'-8 3/8" A500 Gr. B
R4	1	UPPER RAIL	TS 8x4x5/16	20'-11 3/8" A500 Gr. B
	1	LOWER RAIL	TS 4x4x1/4	20'-11 3/8" A500 Gr. B
R5	9	UPPER RAIL	TS 8x4x5/16	22'-5 1/4" A500 Gr. B
	9	LOWER RAIL	TS 4x4x1/4	22'-5 1/4" A500 Gr. B
R6	2	UPPER RAIL	TS 8x4x5/16	22'-4 3/8" A500 Gr. B
	2	LOWER RAIL	TS 4x4x1/4	22'-4 3/8" A500 Gr. B
R7	1	UPPER RAIL	TS 8x4x5/16	18'-3 5/8" A500 Gr. B
	1	LOWER RAIL	TS 4x4x1/4	18'-3 5/8" A500 Gr. B
*AP	54	ANCHOR PLATE	3/8 x 9 x 3/8	1'-1" A709 Gr. 36
*AS	216	ANCHOR STUD	1" DIA.	12" A449
*H1	432	HEX NUT	1" DIA.	A563
*H2	216	JAMB NUT	1" DIA.	A563
*H3	216	WASHER	1" DIA.	F436
H4	216	ROUND HEAD BOLT	3/4" DIA.	6" M164 TYPE I
H5	216	HEX NUT	3/4" DIA.	A563
H6	216	WASHER	3/4" DIA.	F436
H7	70	SPLICE BOLT	5/8" DIA.	1 3/4" M164 TYPE I
H8	70	WASHER	5/8" DIA.	F436
H9	16	PIPE SPACER (SCH. 40)	3/4" DIA.	1/2" A563
BP	54	BEARING PAD	1/8 x 10	1'-2" M251

* ANCHORS NOT PROVIDED BY HIGHWAY SAFETY CORP. - SHOWN FOR REFERENCE ONLY.



ELEVATION - NORTH-WEST BRIDGE RAIL R_T Side
 FACING (NW) FROM ϕ OF ROADWAY
 PAY LIMIT ITEM 525.33 = 403'-5 11/16"

TOTAL PAY LIMIT ITEM (NORTH AND SOUTH RAIL)
 ITEM 525.33 = 832'

0000 015 403.474
 5 1/16

VENDOR SUBMITTAL REVIEW	
REVIEW STATUS	CONTRACTOR ACTION
APPROVED AS REVISED <input checked="" type="checkbox"/>	NONE <input checked="" type="checkbox"/>
REJECTED <input type="checkbox"/>	CONFIRM <input type="checkbox"/>
	RESUBMIT <input type="checkbox"/>

REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND CONTRACT DOCUMENTS. MARKINGS OF CONFORMANCE SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. NON COMPLIANCE HEREON, THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND QUALITY OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING FABRICATION PROCESSES FOR TECHNICAL ASSEMBLY AND FOR PERFORMING HIS WORK IN A SAFE MANNER.

BY: *[Signature]* DATE: 7/14/03

RECEIVED
 OK'D BY: _____ OK'D BY: _____
 JUL 30 2003
 RESUBMIT: _____ APPROVED: _____
 BY: _____ DATE: _____

No.	Remarks	Date
0	Initial submittal	7/13/03



HIGHWAY SAFETY CORP.
 GLASTONBURY, CT

ITEM 525.33 - BRIDGE RAILING - NETC 2 RAIL
 PROJECT No. IM-091-1(36)
 TOWN OF HARTLAND
 INTERSTATE ROUTE 91 BRIDGE No. 38
 STATE OF VERMONT WINDSOR COUNTY

DRAWN: MHM
 CHECKED: *[Signature]*
 DATE: 5-28-03
 SCALE: 1/8"=1'-0"
 HSC REFERENCE NO.: 1354
 GENERAL CONTRACTOR: 098
 SUB CONTRACTOR: F.R. Lafayette, Inc.
 SHEET NO.: 1 of 3