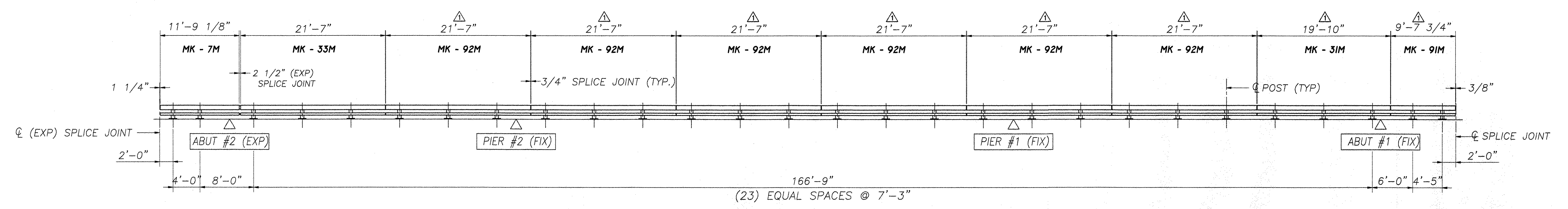


BILL OF MATERIAL				
Mk.	Qty.	Description	Material	Total wgt.
	28	RAIL POST W6x25 WITH BASE PLATE		2604 lbs.
*	28	ANCHORAGE ASSEMBLY WITH PLATE (4) ANCHOR STUDS & HARDWARE *		756 lbs.
△	9	UPPER RAIL SPLICE TUBE 7x3x3/8 (1'-8" OAL)		316 lbs.
△	9	LOWER RAIL SPLICE TUBE 3x3x5/16 (1'-8" OAL)		148 lbs.
	28	1/8" THICK BEARING PAD		14 lbs.
	112	3/4" DIA x 6" LG. ROUND-SLOTTED HEAD BOLT WITH WASHER & LOCKW/OUT		96.32 lbs.
△	72	5/8" DIA x 1 3/4" HEX HEAD BOLT WITH HARDENED WASHER		17.92 lbs.
	24	3/4" SCH 40 SPACER PIPE x 1/2" LONG		1.68 lbs.
△	-33M	1 RAIL TUBE (UPPER) 8x4x5/16 21'-7" (SLOTTED ONE END)		528.79 lbs.
△	-92M	6 RAIL TUBE (UPPER) 8x4x5/16 21'-7" OAL		3172.75 lbs.
△	-31M	1 RAIL TUBE (UPPER) 8x4x5/16 19'-10" OAL		485.92 lbs.
△	-91M	1 RAIL TUBE (UPPER) 8x4x5/16 9'-7 3/8" OAL		235.56 lbs.
△	-7M	1 RAIL TUBE (LOWER) 4x4x1/4 11'-9 1/8" (SLOTTED BOTH ENDS)		288.13 lbs.
△	-33M	1 RAIL TUBE (LOWER) 4x4x1/4 21'-7" (SLOTTED ONE END)		276.27 lbs.
△	-92M	6 RAIL TUBE (LOWER) 4x4x1/4 21'-7" OAL		1657.62 lbs.
△	-31M	1 RAIL TUBE (LOWER) 4x4x1/4 19'-10" OAL		253.87 lbs.
△	-91M	1 RAIL TUBE (LOWER) 4x4x1/4 9'-7 3/8" OAL		123.07 lbs.
△	-7M	1 RAIL TUBE (LOWER) 4x4x1/4 11'-9 1/8" (SLOTTED BOTH ENDS)		150.53 lbs.

\* - ANCHORAGE ASSEMBLY BY OTHERS, NOT PROVIDED BY HIGHWAY SAFETY CORP. SHOWN FOR REFERENCE ONLY.



### ELEVATION - NORTH BRIDGE RAIL FACING NORTH FROM CENTER OF ROADWAY BRIDGE No. 43N

PAY LENGTH = 193'-2" (THIS SHEET)  
TOTAL PAY LIMIT ITEM 525.33 (STEEL BRIDGE RAIL, NETC 2-RAIL) = 3730 LF

**CONSTRUCTION NOTE:**  
END OF WINGWALLS HAVE BEEN LOCATED APPROXIMATELY BY VAOT SURVEY. CONTRACTOR SHALL VERIFY REQUIRED RAIL LENGTHS PRIOR TO APPROVAL.

**NOTES:**  
1. ALL DIMENSIONS HAVE BEEN DEVELOPED FROM CONTRACT PLANS ONLY.  
2. CONTRACTOR MUST FIELD-VERIFY DIMENSIONS PRIOR TO APPROVAL.

REVISIONS		
No.	Remarks	Date
0	Initial submittal	4/2/01
1	MISC. CORRECTIONS	11/25/02

**HIGHWAY SAFETY CORP.**  
GLASTONBURY, CT

ITEM 525.33 - BRIDGE RAILING - NETC 2 RAIL  
PROJECT No. IM-089-2(26)  
TOWN OF MIDDLESEX & BOLTON  
I-89 OVER U.S. 2  
BRIDGE No. 43N

DRAWN C.A. Leblanc  
CHECKED [Signature]  
DATE 03/30/01  
SCALE NONE  
HSC REFERENCE NO. 1237

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

SIZE D REVISION △  
SHEET NO. 4 of 17