



BILL OF MATERIAL				
Mk.	Qty.	Description	Material	Total wgt.
47		RAIL POST W6x25 WITH BASE PLATE		4371 lbs.
*	47	ANCHORAGE ASSEMBLY WITH PLATE (4) ANCHOR STUDS & HARDWARE *		1269 lbs.
15		UPPER RAIL SPLICE TUBE 7x3x3/8 (1'-8" OAL)		513.5 lbs.
15		LOWER RAIL SPLICE TUBE 3x3x5/16 (1'-8" OAL)		240.5 lbs.
47		1/8" THICK BEARING PAD		23.5 lbs.
188		3/4" DIA x 6" LG. ROUND-SLOTTED HEAD BOLT WITH WASHER & LOCKNUT		161.68 lbs.
120		5/8" DIA x 1 3/4" HEX HEAD BOLT WITH HARDENED WASHER		29.12 lbs.
24		3/4" SCH 40 SPACER PIPE x 1/2" LONG		1.68 lbs.
-32M	9	RAIL TUBE (UPPER) 8x4x5/16 21'-6" OAL		4740.75 lbs.
-95M	1	RAIL TUBE (UPPER) 8x4x5/16 21'-6" (SLOTTED ONE END)		526.75 lbs.
-30M	1	RAIL TUBE (UPPER) 8x4x5/16 19'-8 3/8" (SLOTTED BOTH ENDS)		482.6 lbs.
-28M	4	RAIL TUBE (UPPER) 8x4x5/16 19'-6" OAL		1911.0 lbs.
-94M	1	RAIL TUBE (UPPER) 8x4x5/16 14'-9" OAL		361.38 lbs.
-32M	9	RAIL TUBE (LOWER) 4x4x1/4 21'-6" OAL		2476.8 lbs.
-95M	1	RAIL TUBE (LOWER) 4x4x1/4 21'-6" (SLOTTED ONE END)		275.2 lbs.
-30M	1	RAIL TUBE (LOWER) 4x4x1/4 19'-8 3/8" (SLOTTED BOTH ENDS)		252.13 lbs.
-28M	4	RAIL TUBE (LOWER) 4x4x1/4 19'-6" OAL		998.4 lbs.
-94M	1	RAIL TUBE (LOWER) 4x4x1/4 14'-9" OAL		188.8 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. 48N

PAY LENGTH = 328'-8" (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	1/25/02

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 LITTLE RIVER
BRIDGE No. 48N

DRAWN C.A. Leblanc
CHECKED Paul R.
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. 8 of 17