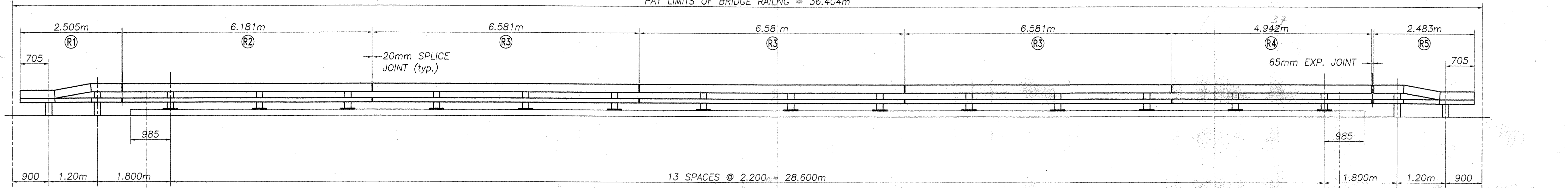
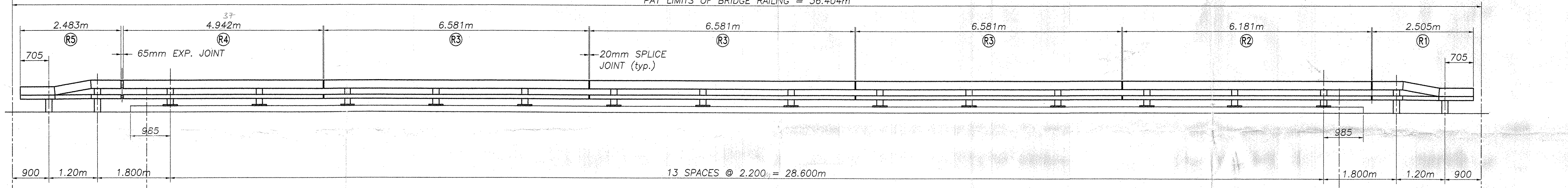


PAY LIMITS OF BRIDGE RAILING = 36.404m



NORTH RAIL ELEVATION

PAY LIMITS OF BRIDGE RAILING = 36.404m



SOUTH RAIL ELEVATION

1st. GUIDE RAIL POST

BRG. ABUT. #1 (FIX) STA. 0+224.130

BRG. ABUT. #2 (EXP.) STA. 0+253.700

1st. GUIDE RAIL POST

1st. GUIDE RAIL POST

BRG. ABUT. #2 (EXP.) STA. 0+253.700

BRG. ABUT. #1 (FIX) STA. 0+224.130

1st. GUIDE RAIL POST

BILL OF MATERIAL (BOTH SIDES OF BRIDGE)

Mk#	Qty.	Description	Material
	28	W150x37.1 POST W/BASEPLATE (620mm) OAL	A709M Gr. 50
	4	W150x37.1 DRIVEN POST (2.134m) OAL	A709M Gr. 50
	4	W150x37.1 DRIVEN POST (1.956m) OAL	A709M Gr. 50
R1	2	TS 203 x 102 x 8 (2.505) UPPER DROP END TUBE	A500 Gr. B
	2	TS 102 x 102 x 6 (2.505) LOWER DROP END TUBE	A500 Gr. B
R5	2	TS 203 x 102 x 8 (2.483) UPPER DROP END TUBE	A500 Gr. B
	2	TS 102 x 102 x 6 (2.483) LOWER DROP END TUBE	A500 Gr. B
R2	2	TS 203 x 102 x 8 (6.181m) OAL	A500 Gr. B
	2	TS 102 x 102 x 6 (6.181m) OAL	A500 Gr. B
R3	6	TS 203 x 102 x 8 (6.581m) OAL	A500 Gr. B
	6	TS 102 x 102 x 6 (6.581m) OAL	A500 Gr. B
R4	2	TS 203 x 102 x 8 (4.942m) OAL	A500 Gr. B
	2	TS 102 x 102 x 6 (4.942m) OAL	A500 Gr. B
	12	TS 178 x 76 x 10 SPLICE TUBE 510 LONG	A500 Gr. B
	12	TS 76 x 76 x 6 SPLICE TUBE 510 LONG	A500 Gr. B
	28	3mm BEARING PAD	NEOPRENE
	4	BACK UP PLATE	A709M Gr. 250 36
	4	TERMINAL CONNECTOR	M180 B2
	168	M20 ROUND HEAD BOLT, 152 LONG	A325M
	168	M20 HEX NUT	A563 DH
	168	M20 WASHER	F436M
	96	M16 SPLICE BOLT, 44 LONG	A307
	96	M16 PLAIN HARDENED WASHER	F436M
	48	M16 NUT WELDED TO SPLICE TUBE	A307
	16	M20 x 13 SCH. 40 PIPE SPACER	A53 Gr. B
	112	M24 ANCHOR STUD, 305 LONG	A449
	112	M24 WASHER	F436M
	112	M24 JAMB NUT	A563 DH
	224	M24 HEX NUT	A563 DH
	28	SPACER PLATE	A709M Gr. 36

NOTES:
1. ITEMS MARKED "*" ARE NOT SUPPLIED BY HIGHWAY SAFETY CORPORATION, AND THEY ARE SHOWN ONLY FOR REFERENCE.

REVISIONS		
No.	Remarks	Date
0	Initial submittal	8-25-06

RECEIVED
SEP 07 2006
APPROVED AS NOTED
DATE 9-14-06



HIGHWAY SAFETY CORP.
GLASTONBURY, CT

ITEM 525.33 - BRIDGE RAILING-NETC 2 RAIL
PROJECT No. brf 0269(10)
TOWN OF LYNDON Br. No. 2
CALEDONIA COUNTY, ROUTE NO. VT 114

GENERAL CONTRACTOR: 081 BR
SUB CONTRACTOR: F.R. LAFAYETTE, INC.

DRAWN: MHM
CHECKED: [Signature]
DATE: 8/21/06
SCALE: NONE
HSC REFERENCE NO.: 1571
SHEET NO.: 1 of 2