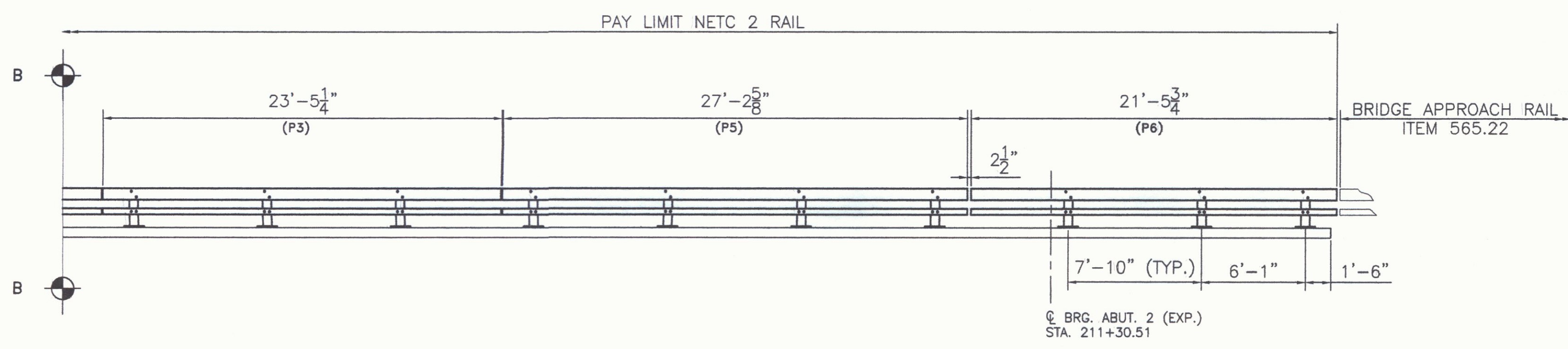


Mk.	Qty.	Description	Size/Shape	length/qty. per unit	Material
	47	BRIDGE RAIL PED POST 2'-0 3/8" OAH W/ BASE PLATE			
	47	POST UPRIGHT	W6 x 25	1'-11 3/8"	A709 Gr. B
	47	POST BASE PLATE	1" x 10"	1'-2"	A709 Gr. B
	15	UPPER SPLICE TUBE FOR 8 x 4 RAIL			
	15	TUBE	TS 7x3x3/8	1'-8"	A500 Gr. B
	30	WELDED LOCK NUT (OUTER HOLES ONLY)	5/8"	---	A563
	15	LOWER SPLICE TUBE FOR 4 x 4 RAIL			
	15	TUBE	TS 3x3x5/16	1'-8"	A500 Gr. B
	30	WELDED LOCK NUT (OUTER HOLES ONLY)	5/8"	---	A563
P1	1	UPPER RAIL	TS 8x4x5/16	14'-2.625"	A500 Gr. B
	1	LOWER RAIL	TS 4x4x1/4	14'-2.625"	A500 Gr. B
P2	2	UPPER RAIL	TS 8x4x5/16	19'-3.500"	A500 Gr. B
	2	LOWER RAIL	TS 4x4x1/4	19'-3.500"	A500 Gr. B
P3	8	UPPER RAIL	TS 8x4x5/16	23'-5.250"	A500 Gr. B
	8	LOWER RAIL	TS 4x4x1/4	23'-5.250"	A500 Gr. B
P4	3	UPPER RAIL	TS 8x4x5/16	23'-5.250"	A500 Gr. B
	3	LOWER RAIL	TS 4x4x1/4	23'-5.250"	A500 Gr. B
P5	1	UPPER RAIL	TS 8x4x5/16	27'-2.625"	A500 Gr. B
	1	LOWER RAIL	TS 4x4x1/4	27'-2.625"	A500 Gr. B
P6	1	SHOP CURVED UPPER RAIL	TS 8x4x5/16	21'-5.750"	A500 Gr. B
	1	SHOP CURVED LOWER RAIL	TS 4x4x1/4	21'-5.750"	A500 Gr. B
	47	ANCHOR PLATE	3/8 x 9 3/8	1'-1"	A36
	188	ANCHOR BOLTS	1" DIA.	12"	A449
	188	HEX NUT	1" DIA.	---	A563
	188	HEAVY HEX NUT	1" DIA.	---	A563DH
	188	HEX JAM NUT	1" DIA.	---	A563
	188	WASHER	1" DIA.	---	F436
	188	ROUND HEAD BOLT	3/4" DIA.	6"	M164 type 1
	188	LOCK NUT	3/4" DIA.	---	A563DH
	188	WASHER	3/4" DIA.	---	F436
	120	CAP SCREW	5/8" DIA.	1.75"	A325
	120	WASHER	5/8" DIA.	---	F436
	47	BEARING PAD	1/8"x10"	1'-2"	M251

TOTAL PAY LIMIT ITEM 525.33 = 361'



ELEVATION - NORTHWEST BRIDGE RAIL  
FACING NORTHWEST FROM @ US RT 5

- NOTE:
1. CONTRACTOR TO VERIFY EXPANSION JOINT LOCATIONS PRIOR TO FABRICATION.
  2. BRIDGE RAIL TUBES TO BE SET ON 1130.9' ± CONVEX RADIUS.
  3. RAIL TUBES ARE PROVIDED STRAIGHT AND WILL FLEX UNDER OWN WEIGHT IN EXCESS OF REQUIRED RAIL CURVATURE DUE TO LARGE RADIUS.

No.	REVISIONS	Date
0	Initial submittal	6/8/10

**HIGHWAY SAFETY CORP**  
GLASTONBURY, CT  
860-633-9445

ITEM 525.33 BRIDGE RAILING - NETC 2 RAIL  
US RT 5 OVER I-91, BRIDGE 19A  
TOWN OF PUTNEY COUNTY OF WINDHAM, VT  
PROJECT NUMBER: IM 091-1(31)

GENERAL CONTRACTOR: F.R. LAFAYETTE, INC.

DATE: 6/7/2010

SCALE: NONE

SIZE: D

CERTIFIED FABRICATOR

NSC JOB NO. 1752

SHEET NO. 1 of 4