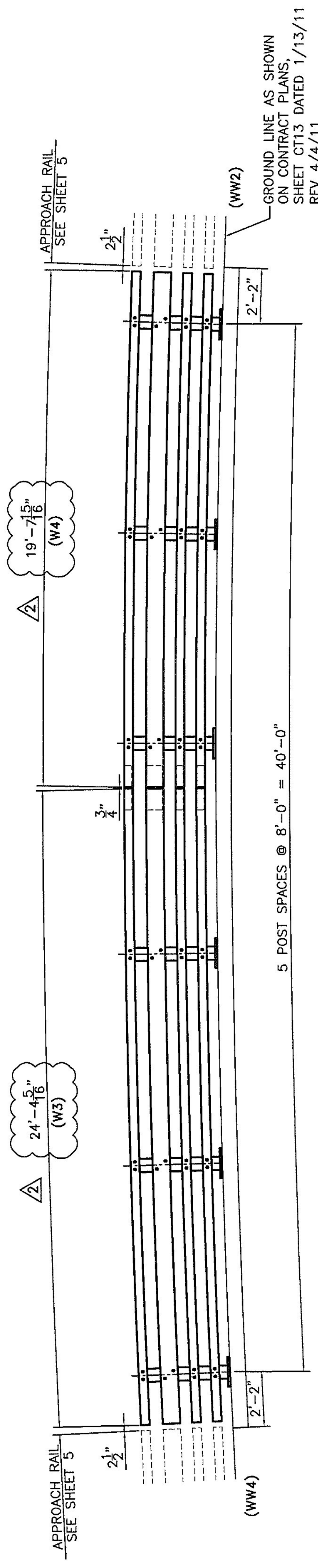


**ELEVATION - NORTH BRIDGE RAIL
FACING NORTH FROM ϕ ROAD**

5 POST SPACES @ 8'-0" = 40'-0"

GROUND LINE AS SHOWN
ON CONTRACT PLANS,
SHEET CT13 DATED 1/13/11
REV 4/4/11



**ELEVATION - SOUTH BRIDGE RAIL
FACING SOUTH FROM ϕ ROAD**

5 POST SPACES @ 8'-0" = 40'-0"

GROUND LINE AS SHOWN
ON CONTRACT PLANS,
SHEET CT13 DATED 1/13/11
REV 4/4/11

BILL OF MATERIAL (SOUTH SIDE 4-RAIL)

Qty.	Description	Size/Shape	Material
6	BRIDGE RAIL PED POST 3'-5.375" OAH W/ BASE PLATE	3'-4.375"	A572 Gr. 50
6	POST UPRIGHT	W6 x 25	A572 Gr. 50
6	POST BASE PLATE	10" x 1" x 1'-2"	A572 Gr. 50
1	SPLICE TUBE FOR 8 x 4 RAIL	TS 7x3x3/8	A500 Gr. B
2	WELDED LOCK NUT (OVER HOLES ONLY)	5/8"	A563
3	SPLICE TUBE FOR 4 x 4 RAIL	TS 3x3x3/16	A500 Gr. B
6	WELDED LOCK NUT (OVER HOLES ONLY)	5/8"	A563
1	TOP RAIL (SHOP CURVED)	TS 4x4x0.25* 24'-4 5/16"	A500 Gr. B
1	SECOND RAIL (SHOP CURVED)	TS 4x4x0.25* 24'-3 7/8"	A500 Gr. B
1	THIRD RAIL (SHOP CURVED)	TS 4x4x0.25* 24'-3 1/4"	A500 Gr. B
1	BOTTOM RAIL (SHOP CURVED)	TS 4x4x0.25* 24'-2 13/16"	A500 Gr. B
1	TOP RAIL (SHOP CURVED)	TS 4x4x0.25* 19'-7 15/16"	A500 Gr. B
1	SECOND RAIL (SHOP CURVED)	TS 4x4x0.25* 19'-7 9/16"	A500 Gr. B
1	THIRD RAIL (SHOP CURVED)	TS 4x4x0.25* 19'-7 1/16"	A500 Gr. B
1	BOTTOM RAIL (SHOP CURVED)	TS 4x4x0.25* 19'-6 11/16"	A500 Gr. B
48	ROUND HEAD BOLT	0.75"	A449 TYPE 1
48	LOCK NUT	0.75"	A563 DH
48	TYPE A WIDE PLAIN WASHER	1567MK .813" ID	F436
16	CAP SCREW	5/8" DIA 1.75"	A325
16	WASHER	5/8" DIA	F436
6	BEARING PAD	10" x 0.125"	M251

TOTAL PAY LIMIT = 44'

- NOTES:
- SPLICE TUBE AND HARDWARE FOR CONNECTING BRIDGE RAIL TO APPROACH RAIL WILL BE PROVIDED WITH APPROACH RAIL.
 - BRIDGE RAIL TUBES W1, W2, W3 & W4 TO BE SHOP CURVED, (VERTICALLY RADIUS) TO ϕ 420' RADIUS.

No.	Remarks	Date
2	Per reviewer	06-10-11
1	Ground profile	05-17-11
0	Initial submittal	12-15-10

REVISIONS

Vermont Agency
RECEIVED
CK'D BY GML
9:00 am,
RESUBMIT BY TCF