



STEEL POST CHART

No.	L
#1	1'-3.125"
#2	1'-2.875"
#3	1'-2.625"
#4	1'-2.437"

REVISIONS

No.	Remarks	Date
0	Initial submittal	

BILL OF MATERIAL (2 APPROACHES)

MK.	Qty.	Description	Size/Shape	Length	Material
2	2	UPPER APPROACH RAIL	TS 6x4x0.313"	10'-4.750'	A500 Gr. B
2	2	LOWER APPROACH RAIL	TS 4x4x0.25"	10'-4.750'	A500 Gr. B
SP	8	STEEL POST	W6 x 25	8'-0"	A307 Gr. 50
WP1	16	WOOD POST	6" x 8"	7'-0"	1550R
WP2	2	WOOD POST	6" x 8"	7'-0"	1550R
WP3	2	WOOD POST	6" x 8"	7'-0"	1550R
WB1	16	WOOD BLOCK	6" x 8"	1'-6"	1550R
WB2	2	WOOD BLOCK	6" x 8"	1'-6"	1550R
WB3	2	WOOD BLOCK	6" x 8"	1'-2"	1550R
2	2	ANGLED SPlice TUBE FOR TS 6x4x0.313"			
2	2	TUBE	TS 2x2x0.25"	1'-6"	A500 Gr. B
4	4	WELDED LOCK NUTS	0.625"		A533 Gr. A
2	2	SPlice TUBE FOR TS 4x4x0.250"			
2	2	TUBE	TS 3x3x0.313"	1'-8"	A500 Gr. B
4	4	WELDED LOCK NUTS	0.625"		A533 Gr. A
2	2	TERMINAL CONNECTOR	10 Ga.	2'-6"	M180
2	2	CONNECTION PLATE	0.375" x 1'-3"	2'-3"	A709 Gr. 36
2	2	END CAP FOR TS 6x4 RAIL TUBE			
2	2	PLATE	0.188" x 4"	6"	A709 Gr. 36
8	8	PLATE	0.125" x 1'	1'	A709 Gr. 36
2	2	END CAP FOR TS 4x4 RAIL TUBE			
2	2	PLATE	0.188" x 4"	4"	A709 Gr. 36
8	8	PLATE	0.125" x 1'	1'	A709 Gr. 36
7	7	DEFLECTOR PLATE (LEFT)	0.625"		A709 Gr. 36
1	1	DEFLECTOR PLATE (RIGHT)	0.375" x 1'	125"	A709 Gr. 36
2	2	0.75" x 2" LG. ROUND HEAD BOLT W/NUT			A307
2	2	THREE TRANSITION PANEL	12 Ga.	7'-3.50"	M180 A2
4	4	THREE BEAM	12 Ga.	12'-6"	M180 A2
40	40	0.75" x 6" ROUND HEAD BOLT W/NUT & ROUND WASHER			A307
4	4	0.625" x 20" LG. POST BOLT W/SL RECESSED NUT, PLATE & ROUND WASHER			A307
34	34	0.625" x 18" LG. POST BOLT W/SL RECESSED NUT, PLATE & ROUND WASHER			A307
16	16	0.625" x 1.75" LG. CAP SCREW W/WASHER			A325
64	64	0.625" x 1.25" LG. PANEL SPlice BOLT W/DBL RECESSED NUT			A307
16	16	0.75" x 0.5" LG. (SCH 40) SPACER PIPE			A53

- NOTES:**
- PAYMENT FOR GUARDRAIL APPROACH SECTION - GALVANIZED NETC 2 RAIL SHALL INCLUDE THE TERMINAL CONNECTOR, THE CONNECTION PLATE, THE DEFLECTOR PLATE, RAIL, POSTS, BLOCKS AND ATTACHMENT HARDWARE.
 - REFLECTIVE MATERIAL SHALL MEET REQUIREMENTS OF SUBSECTION 750.03 AND SHALL BE A 0.063" ALUMINUM BACKING WHITE OR YELLOW REFLECTOR. WHITE IS TO BE INSTALLED ON THE DRIVER'S RIGHT. FOR ONE-WAY BRIDGES, YELLOW IS TO BE INSTALLED ON THE DRIVER'S LEFT.
 - ALL APPROACH RAIL SPICES SHALL BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW.
 - ALL APPROACH RAIL MATERIALS, DIMENSION SIZES AND NOTES SHALL BE THE SAME AS THOSE OF THE BRIDGE RAIL, UNLESS OTHERWISE NOTED.
 - APPROACH RAIL BOLTS SHALL BE ASTM A307 GRADE A AND NUTS SHALL BE AASHTO M191 (ASTM 563 GRADE A OR BETTER (GALVANIZED). WASHERS SHALL BE ASTM F844.
 - WELD TOP SPlice BAR TO FIT BEND. USE COMPLETE PENETRATION WELD (B-U2).

Vermont Agency of Transportation
RECEIVED
 CK'D BY GFR OK'D BY CAM
 05/31/2012

RESUBMIT APPROVED X
 BY C. CARLSON DATE 07/02/2012

HIGHWAY SAFETY CORP
 GLASTONBURY, CT
 860-633-8445

ITEM 621.72 NETC 2 RAIL BRIDGE APPROACH
 VT RT 9
 TOWN OF WOODFORD
 COUNTY OF BENNINGTON, VERMONT
 PROJECT NO. ER BHF 010-1(44)

CERTIFIED FABRICATOR
 1881

T BUCK CONSTRUCTION
 4 of 4

DATE 05-31-12 SCALE NONE