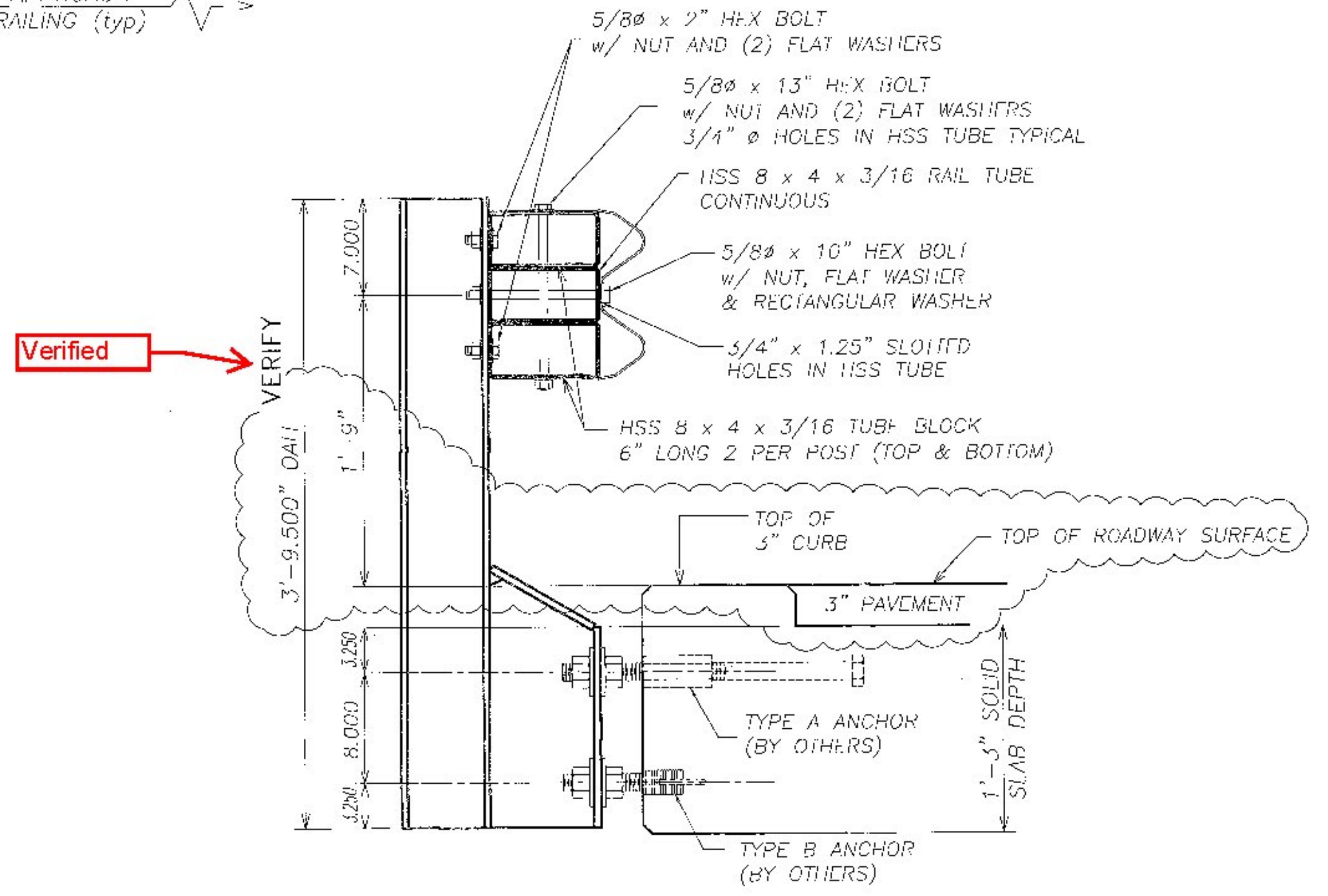


**TYPICAL RAILING ELEVATION
BRIDGE NO. 14**

LOOKING AT FACE OF RAIL FROM CENTERLINE OF ROAD
BOTH SIDES SIMILAR
PORTIONS OF HDSB W-BEAM RAIL AND TUBULAR BLOCKS HAVE BEEN REMOVED FROM THIS VIEW FOR CLARITY

FIRST DRIVEN POST OFF BRIDGE INCLUDED IN ITEM 525.44 ALL ADDITIONAL DOWN STREAM POSTS INCLUDED IN APPROACH ITEM

APPROACH RAILING (typ)



**SECTION
THRU RAILING**

BILL OF MATERIAL

TOTAL PAY LENGTH ITEM 525.44 (BRIDGE 14) = 100 LF

Qty	mk	Description	Spec.
14		W6x25 FASCIA MOUNTED POST 45.500 OAL w/ WELDED OFFSET PLATES (GLV)	A572 gr 50
14		PL 0.500 x 7.500 x 8.500 (WELDED TO POST)	A572 gr 50
14		PL 0.500 x 7.500 x 14.500 (WELDED TO POST)	A572 gr 50
14		PL 0.500 x 7.500 x 17.937 (WELDED TO POST)	A572 gr 50
4		W6x25 DRIVEN POST #1 x 6 FT LONG (GLV)	A572 gr 50
36		TUBE BLOCK HSS 8 x 4 x 3/16 x 6.000 LG (GLV)	A500 gr B
8		HDSB W-BEAM PANEL 10 GA 12'-6" LG X 6'-3" SP (GALV)	M180 B2
4		SPLICE CHANNEL C7 X 9.8 x 2'-6.500" w/ (4) TACKWELDED HEX NUTS (GALV)	A572 gr 50
2	F1	TUBULAR STEEL RAIL (GLV) HSS 8 x 4 x 3/16 x 14'-4.000" OAL	A500 gr B
2	F2	TUBULAR STEEL RAIL (GLV) HSS 8 x 4 x 3/16 x 18'-8.500" OAL	A500 gr B
2	F3	TUBULAR STEEL RAIL (GLV) HSS 8 x 4 x 3/16 x 16'-6.500" OAL	A500 gr B
18		RECTANGULAR WASHER 0.1875" x 1.75" x 3.00" (GLV)	A572 GR 50
18		HEX HEAD BOLT 5/8" DIA x 13" LG HDG	A325
18		HEX HEAD BOLT 5/8" DIA x 10" LG HDG	A325
52		HEX HEAD BOLT 5/8" DIA x 2" LG HDG	A325
72		HEX NUT 5/8" HDG	A563 DH
142		ROUND WASHER SMALL FLAT 5/8" HDG	F436
64		PANEL SPLICE BOLT 5/8" x 1.25" HDG	A307
64		DOUBLE RECESS. NUT 5/8" HDG	A563 A

No.	Initial	Remarks	Date
0		Initial submittal	
		REVISIONS	

Vermont Agency of Transportation
RECEIVED
CK'D BY RK/JC OK'D BY RY
February 20, 2015
RESUBMIT No Approved AsNoted
BY RY DATE 03/09/2015

HIGHWAY SAFETY CORP
GLASTONBURY, CT
860-633-9445
ITEM 525.44 BRIDGE RAILING
GALVANIZED FASCIA MOUNTED HDSB STEEL TUBE
BRIDGE NO. 14 SOUTH ROAD BR# 0281(25)
FAIRFIELD VERMONT
2030
1 of 2