



BRIDGE APPROACH RAILING

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 12'-6"
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	4'-2"	1.0 (TYP.)
9	6'-3" (TYP.)	
TOTAL PAY LENGTH = 32' - 6"		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 18'-9"
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	3'-1/2"	
6	4'-2"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	1.0 (TYP.)
11	6'-3" (TYP.)	
TOTAL PAY LENGTH = 41' - 3"		

SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1. SCHEDULE II APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST.

GENERAL NOTES

1. SEE VTRANS STANDARDS G-1, G-1d AND SD-516.10 FOR ADDITIONAL DETAILS.
2. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM GUARDRAIL, GALVANIZED.
3. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25' INCREMENTS.
4. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM GUARDRAIL, GALVANIZED FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.
5. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
6. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
7. SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
8. SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
9. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS.
10. ALL HEAVY DUTY STEEL BEAM BRIDGE RAIL, OFFSET BLOCKS AND RELATED HARDWARE WILL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
11. ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH SUBSECTION 732.04, UNLESS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH SUBSECTION 726.08. PAYMENT FOR GALVANIZING IS INCLUDED IN THE BID PRICE FOR GUARDRAIL ITEMS.
12. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10.

NOT TO SCALE

PROJECT NAME: RICHFORD
PROJECT NUMBER: STP 2916(1)

FILE NAME: z10c234de+all.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: G. BURGMEIER
GUARDRAIL DETAIL SHEET 1

PLOT DATE: 4/2/2018
DRAWN BY: G. BURGMEIER
CHECKED BY: J. LITTLE
SHEET 161 OF 222

