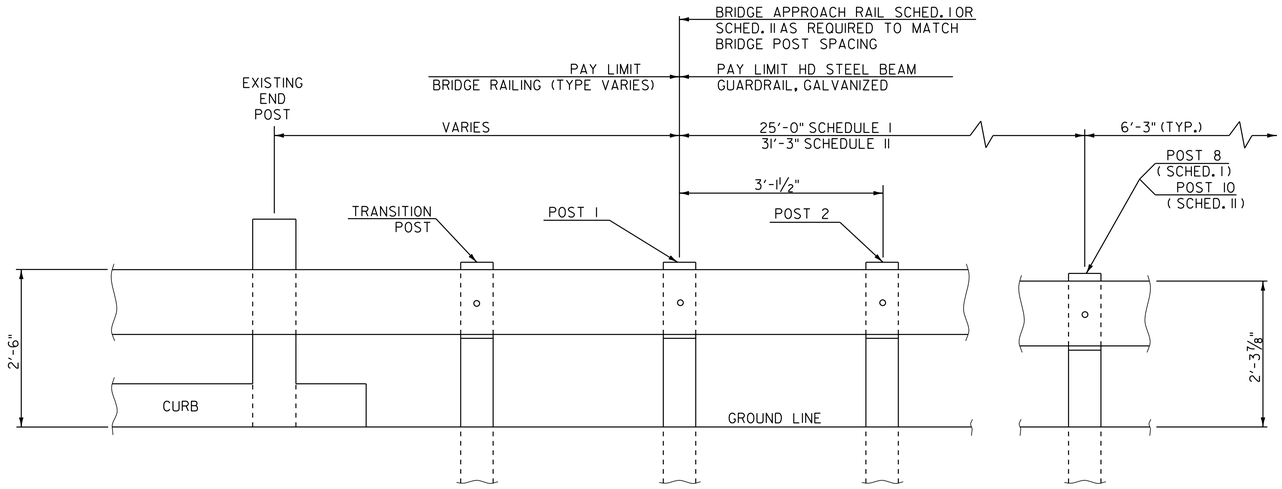
BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 (LF)	525.40 (LF)	525.60 (LF)	529.25 (CY)	REMARKS
LOCATION:								
WESTFORD								
194+12 - 194+86	LT&RT	5						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
FAIRFAX								
8+61 - 9+34	RT	8						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
8+69 - 9+44	LT	8						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
SUBTOTALS								
ROUNDING								
TOTAL								



SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 x 12'-6"
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
9		
TOTAL PAY LENGTH = 32' - 6"		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 x 18'-9"
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	3'-1½"	
6	3'-1½"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	1.0 (TYP.)
11		
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.

BRIDGE APPROACH RAILING

GENERAL NOTES

1. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
2. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
3. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
4. SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
5. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
6. 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 TO CONFORM TO AASHTO A-123.
7. SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.

NOT TO SCALE

Stantec

BRIDGE DETAIL SHEET #1

PROJECT NAME: WESTFORD - FAIRFAX
PROJECT NUMBER: STP 2804(1)

FILE NAME: p08c212.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p08c212bds1.i

PLOT DATE: 31-OCT-2012 13:59
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 74 OF 79