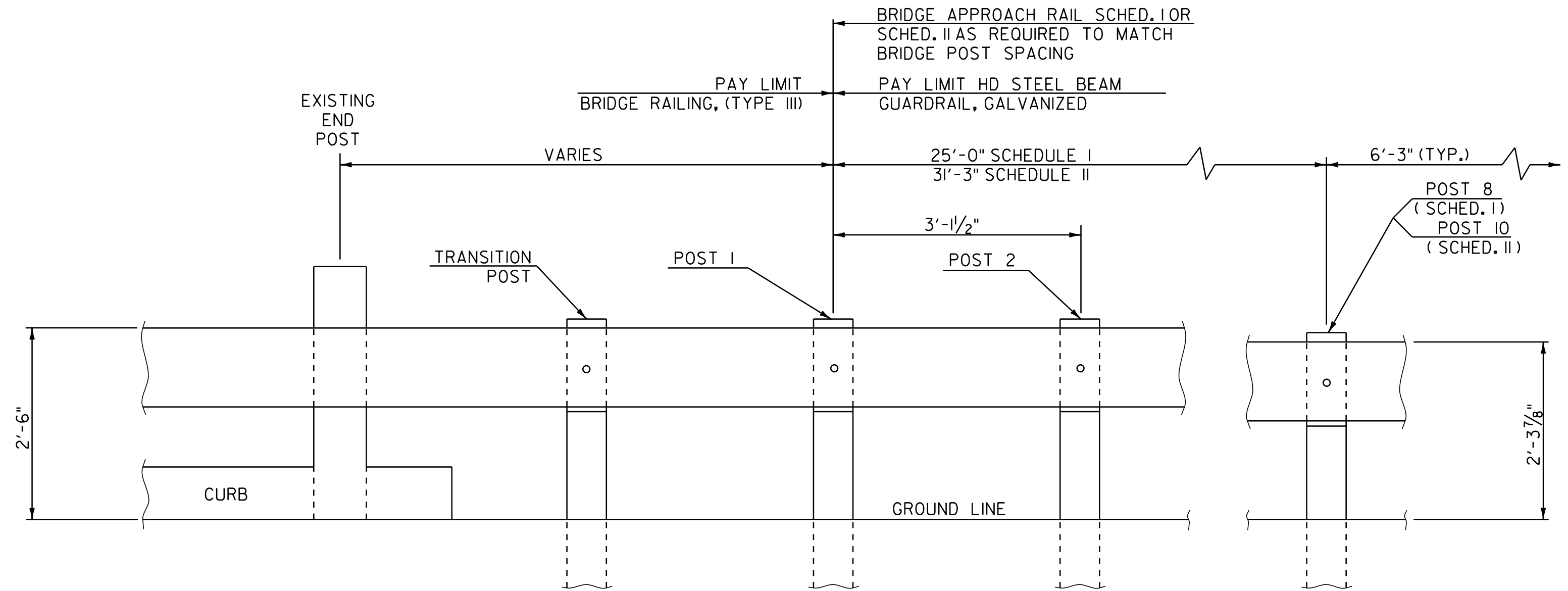


BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 (LF)	525.40 (LF)	525.60 (LF)	529.25 (CY)	REMARKS
LOCATION: GLOVER								
206+35.0 - 206+85.0	RT	15	8"	50		50		
206+37.0 - 206+87.0	LT	15	8"	50		50		
315+31.0 - 315+97.0	LT	18						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
315+68.0 - 316+34.0	RT	18						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
339+82.0 - 340+53.0	RT	19						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
340+04.0 - 340+75.0	LT	19						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
SUBTOTALS				100		100		
ROUNDING				-		-		
TOTAL				100		100		



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"	
6	4'-2"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	6'-3" (TYP.)	1.0 (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	3'-1/2"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	4'-2"	1.0 (TYP.)
10	6'-3" (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

- BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
- 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.
- 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.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- SEE STANDARD SHEET G-I FOR DELINEATION DETAILS AND PLACEMENT.
- ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
- ALL BRIDGE POSTS, HEAVY DUTY STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
- 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 M IIII/MIII OR AASHTO M 232M/M232.
- SEE STANDARD SHEET G-I FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
- NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.

BRIDGE APPROACH RAILING

NOT TO SCALE

BRIDGE DETAIL SHEET #1	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
		DESIGNED BY: STANTEC	CHECKED BY: STANTEC

IPARM FILE: p01b034bds01.i

