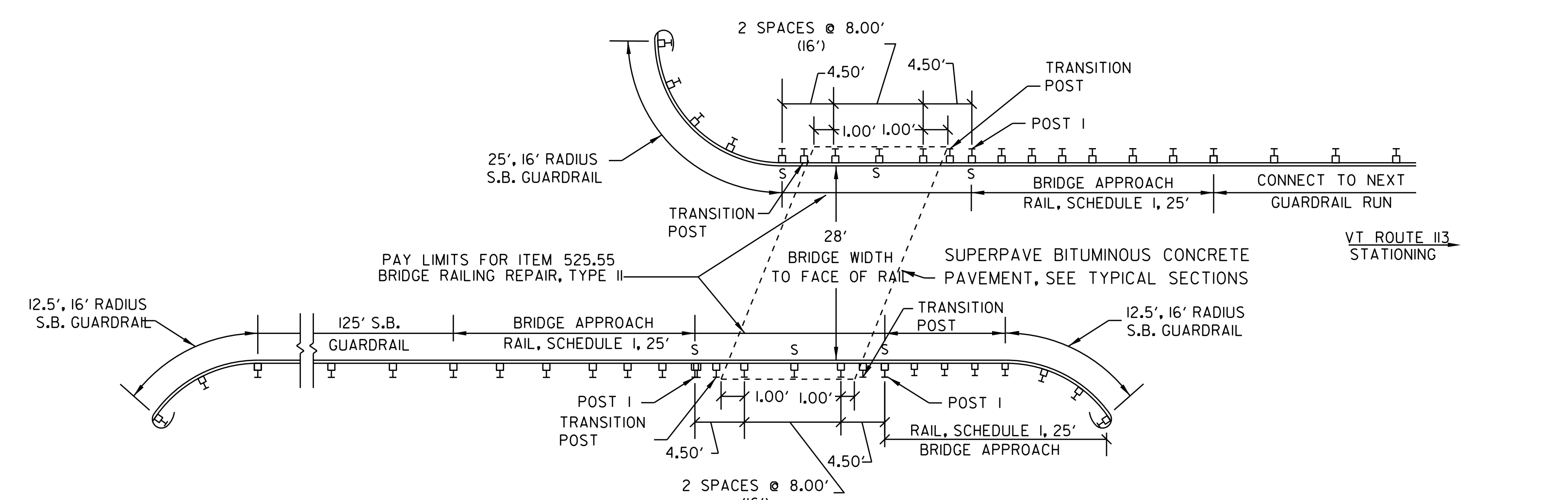
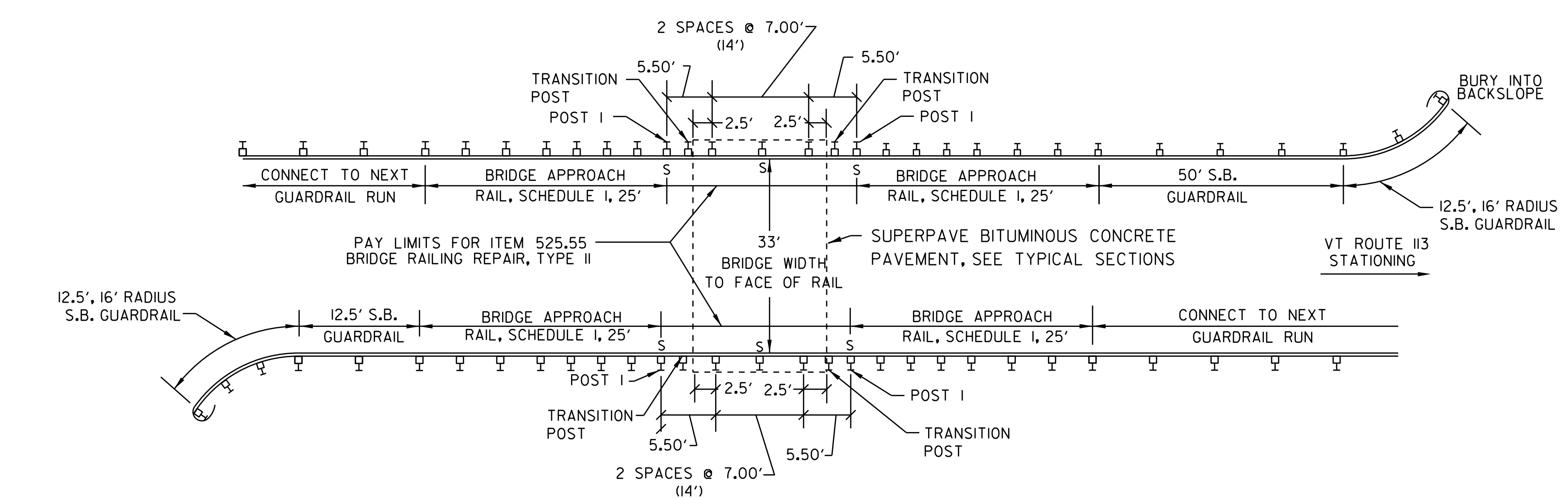


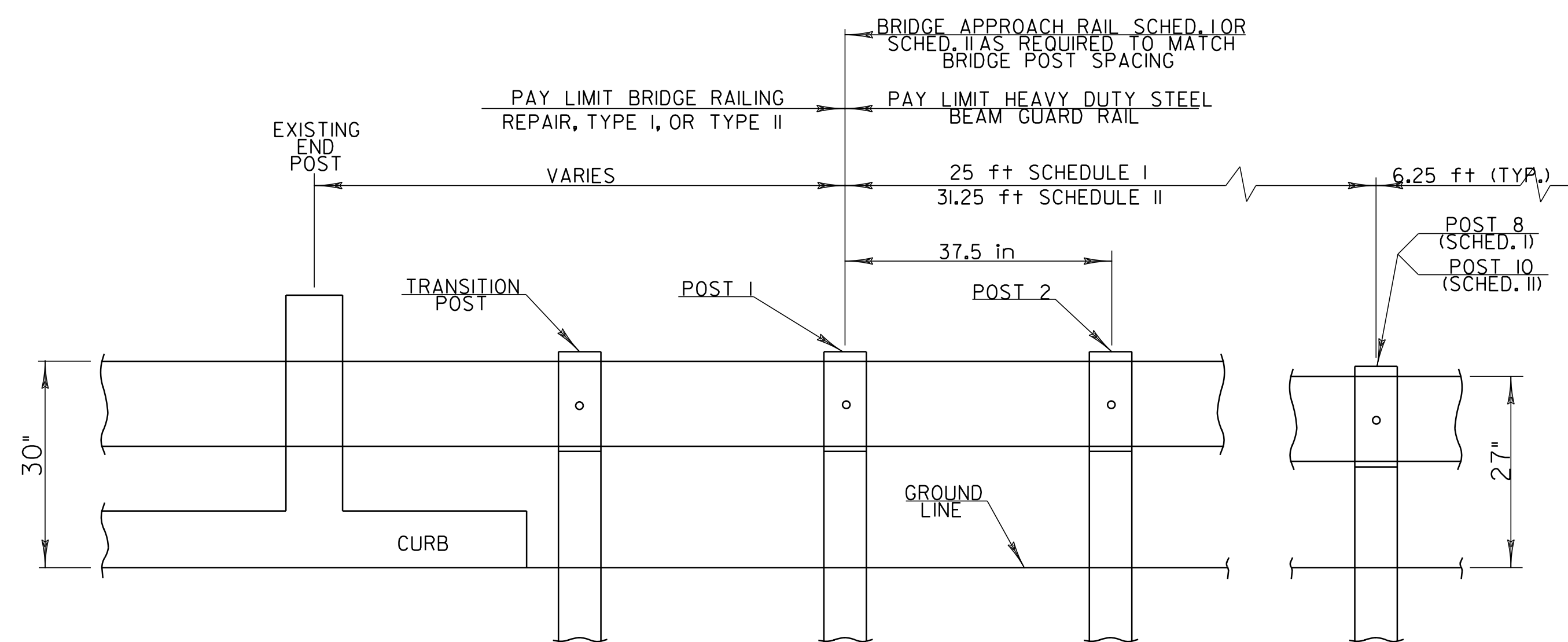
**CHELSEA BRIDGE #2**  
**FIELD STA. 48+79.50 - MM 0.924**



**CHELSEA BRIDGE #3**  
**FIELD STA. 57+06 - MM 1.081**



**CHELSEA BRIDGE #4**  
**FIELD STA. 62+36 - MM 1.181**



**BRIDGE APPROACH RAILING**

**NOTES:**

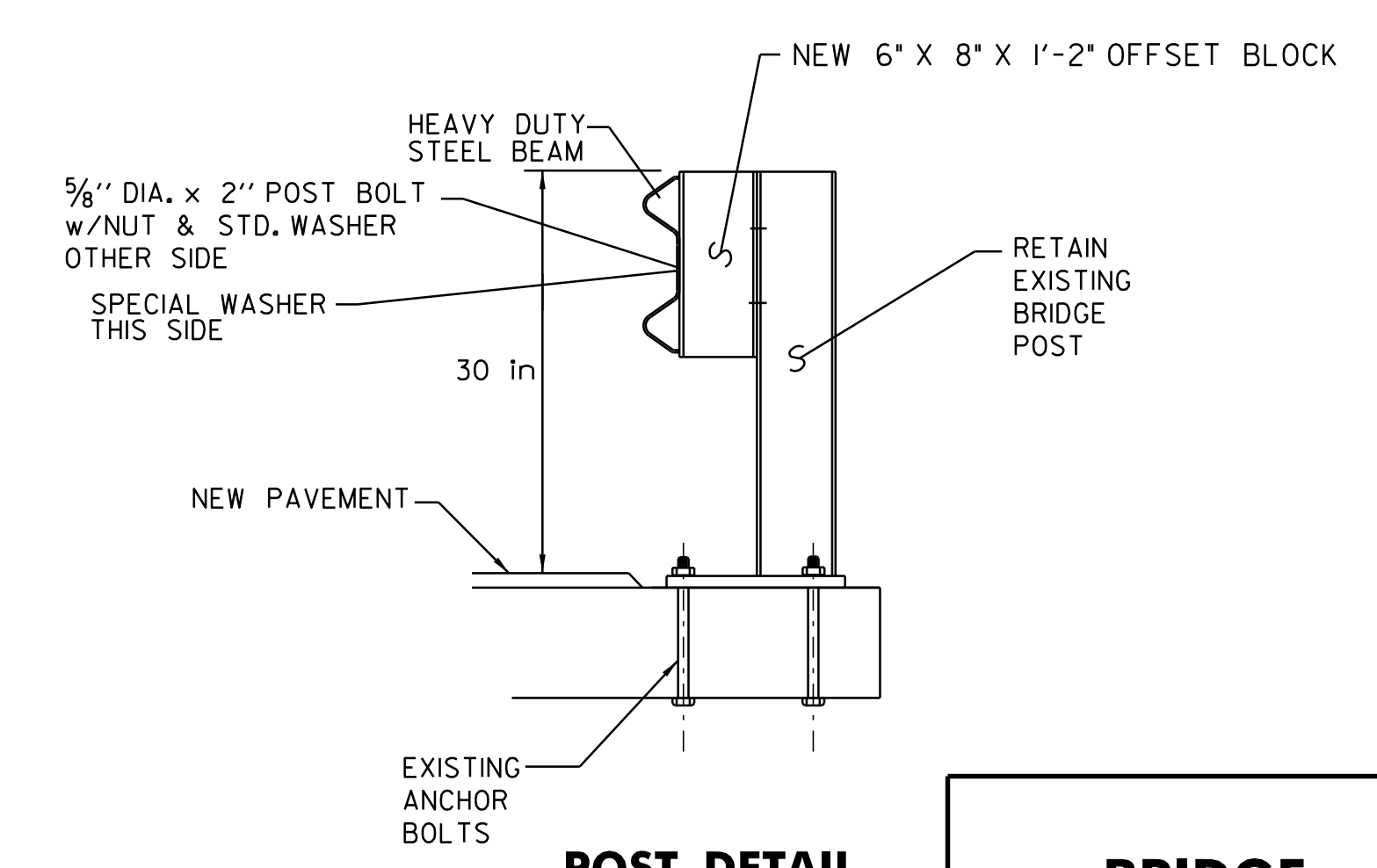
- BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
- APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR LENGTHS OF 25 FEET OR 31.25 FEET DETERMINED BY THE SCHEDULE. SEE BRIDGE DETAILS.
- FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST I.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.

**BRIDGE APPROACH RAILING**

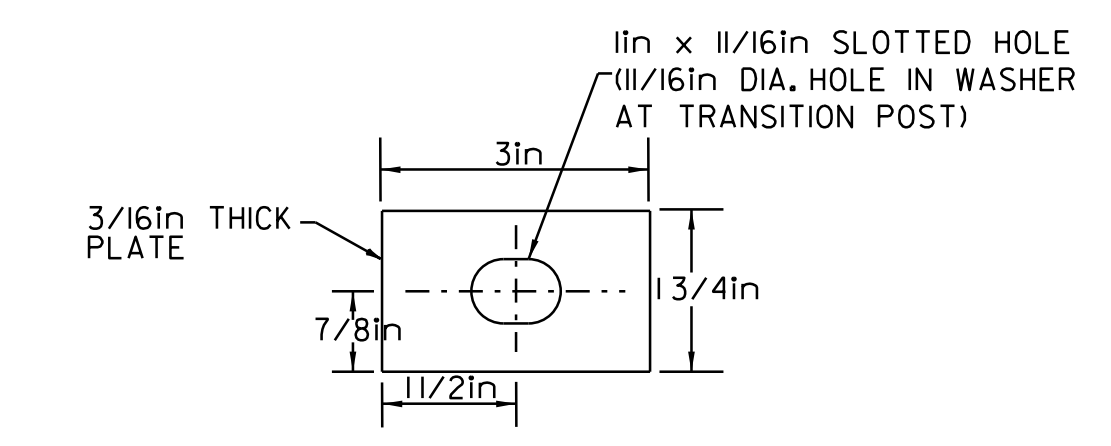
WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1 USE SCHEDULE I FOR APPROACH RAILING WHEN A RAIL PANEL SPLICE OCCURS AT BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 12.5 ft
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	4'-2"	1.2 x 12.5 ft
6	4'-2"	
7	4'-2"	
8	4'-2"	1.0 (TYP.)
9	6'-3" (TYP.)	

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 18.75 ft
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	3'-1/2"	
6	3'-1/2"	
7	4'-2"	1.2 x 12.5 ft
8	4'-2"	
9	4'-2"	
10	4'-2"	1.0 (TYP.)
11	6'-3" (TYP.)	



**POST DETAIL**



**SPECIAL WASHER DETAIL**

(MATERIAL SHALL MEET AASHTO M270M/M270 GRADE 345W)

DETAILS ARE NOT TO SCALE

**BRIDGE DETAIL SHEET 1**

PROJECT NAME: CHELSEA-VERSHIRE	FILE NAME: 01c040.dgn	PLOT DATE: 28-OCT-2011 13:35
PROJECT NUMBER: STP 2331(1)S	PROJECT LEADER: CDL	DRAWN BY: SJL
	DESIGNED BY: RHB	CHECKED BY: EPD
	PLOT FILE: 01c040_07.i	SHEET 7 OF 55