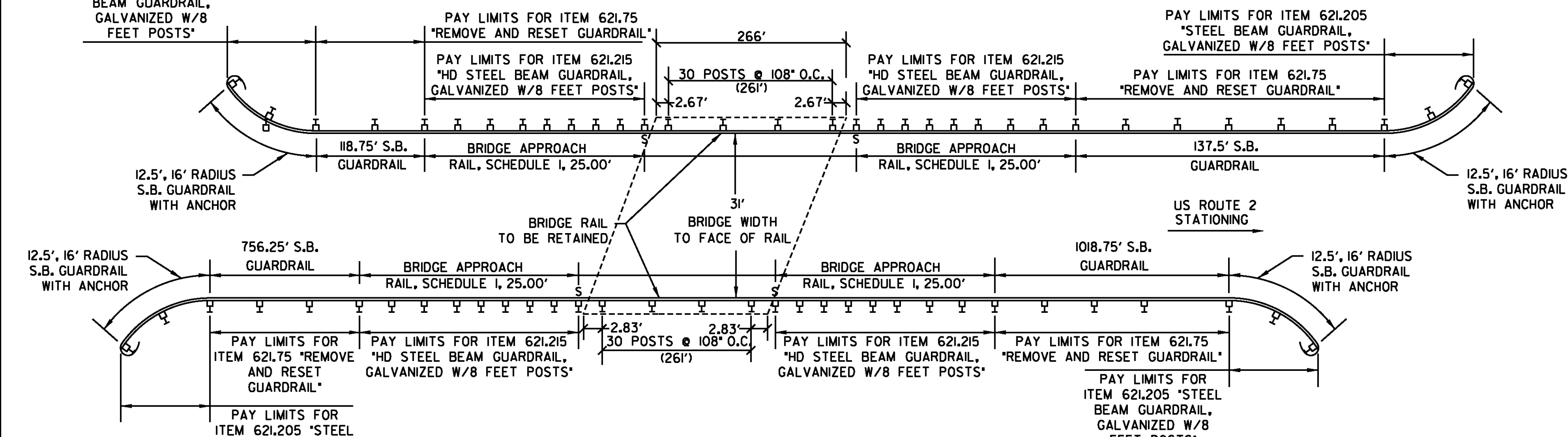


**BOLTON BRIDGE #37**  
**FIELD STA. 152+20 - MM 2.883**



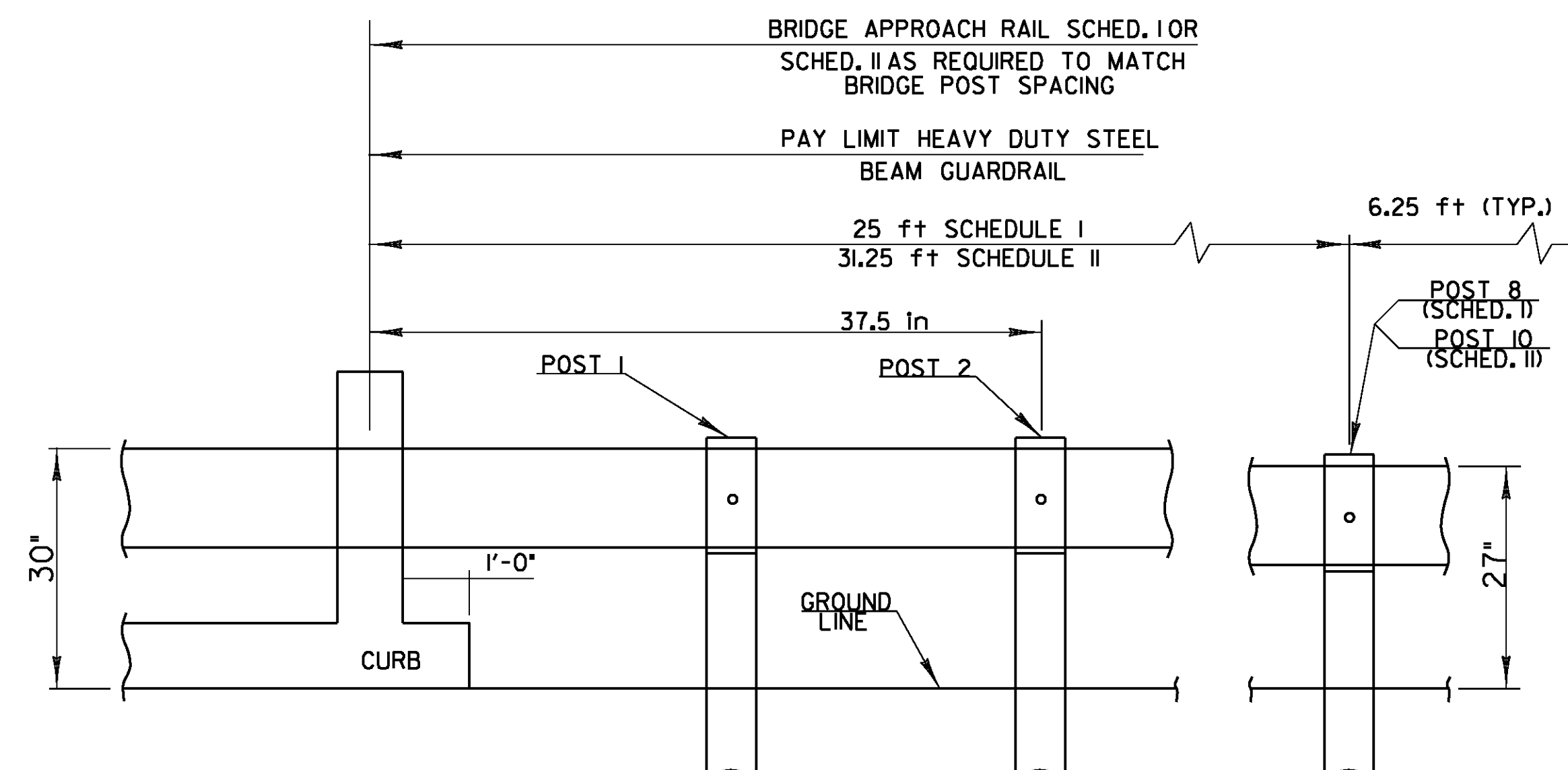
**WATERBURY BRIDGE #44**  
**FIELD STA. A 133+84 - MM 2.535**

**NOTES:**

1. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
2. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR LENGTHS OF 25 FEET OR 31.25 FEET DETERMINED BY THE SCHEDULE. SEE BRIDGE DETAILS.
3. 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.
4. 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.



**BRIDGE APPROACH RAILING**

DETAILS ARE NOT TO SCALE

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	6'-3" (TYP.)	1.0 (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	4'-2"	1.2 x 12.5 ft
7	4'-2"	
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	1.0 (TYP.)

**BRIDGE RAILING  
 DETAIL SHEET**

PROJECT NAME: BOLTON-WATERBURY  
 PROJECT NUMBER: STP 2709(1)  
 FILE NAME: p07C172.dgn  
 PROJECT LEADER: CDL  
 DESIGNED BY: BMB  
 PLOT FILE: p07C172.21.1  
 PLOT DATE: 4/16/2013  
 DRAWN BY: JBG  
 CHECKED BY: CDL  
 SHEET 21 OF 217