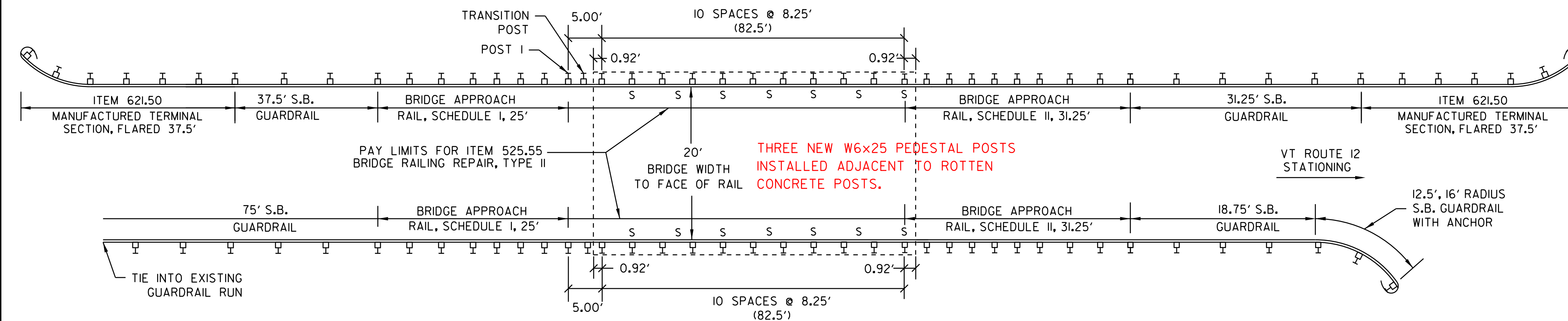


BRIDGE APPROACH RAILING

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.

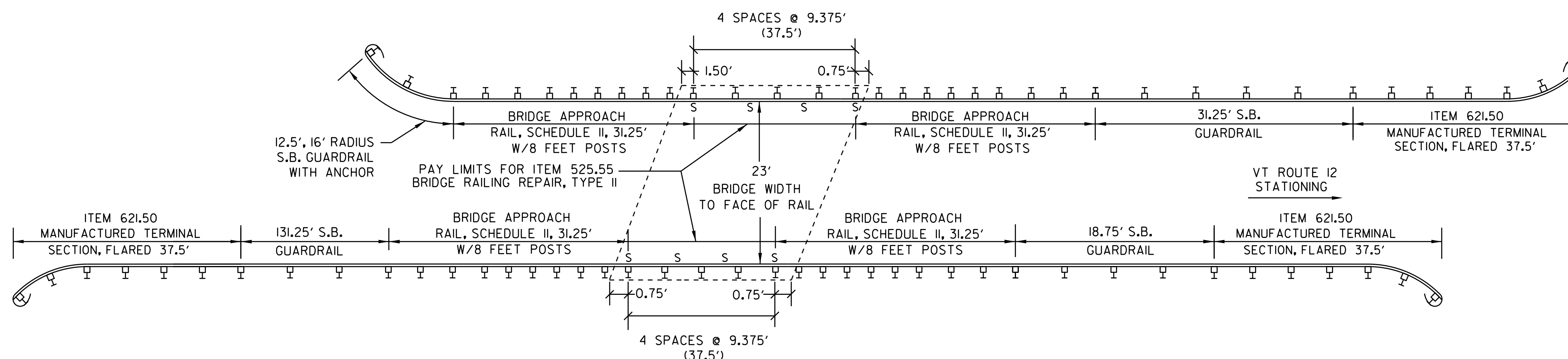
SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1/2"	1.4 x 12.5 ft
2	3'-1/2"	
3	3'-1/2"	
4	3'-1/2"	
5	4'-2"	1.2 x 12.5 ft
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
9	6'-3" (TYP.)	

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

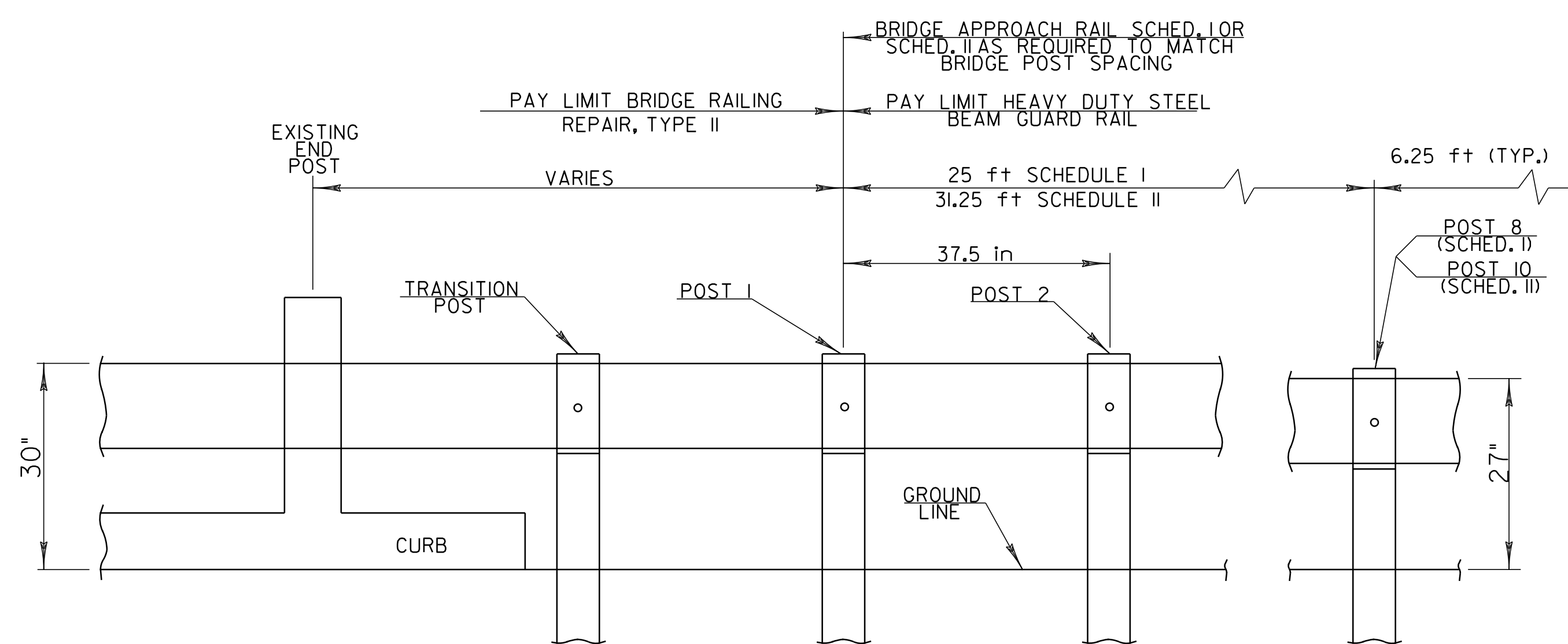


**WORCESTER BRIDGE #84
FIELD STA. 209+75 - MM 3.973**

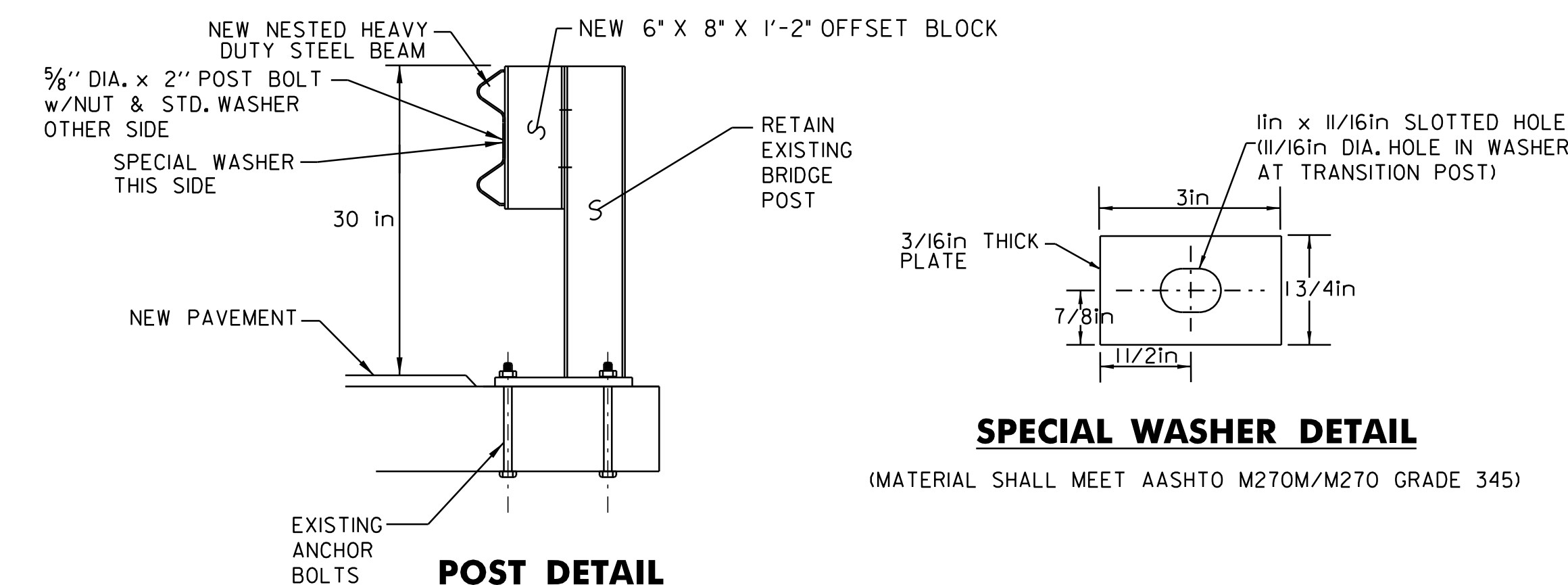
REFER TO LAYOUT SHEETS FOR AS-BUILT GUARDRAIL REVISIONS



**ELMORE BRIDGE #1
FIELD STA. 26+73 - MM 0.506**



BRIDGE APPROACH RAILING



POST DETAIL

SPECIAL WASHER DETAIL
(MATERIAL SHALL MEET AASHTO M270M/M270 GRADE 345)

NOTES:

- BRIDGE RAIL SHALL BE NESTED HEAVY DUTY STEEL BEAM RAIL, ITEM 525.55 'BRIDGE RAILING REPAIR, TYPE II'.
- 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 1.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.

DETAILS ARE NOT TO SCALE

**BRIDGE
DETAIL
SHEET**

PROJECT NAME: WORCESTER-ELMORE
PROJECT NUMBER: STP 2209(I)S

FILE NAME: 99c170.dgn
PROJECT LEADER: CDL
DESIGNED BY: RHB
PLOT FILE: 99c170_7.i

PLOT DATE: 23-SEP-2011 15:24
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 7 OF 36