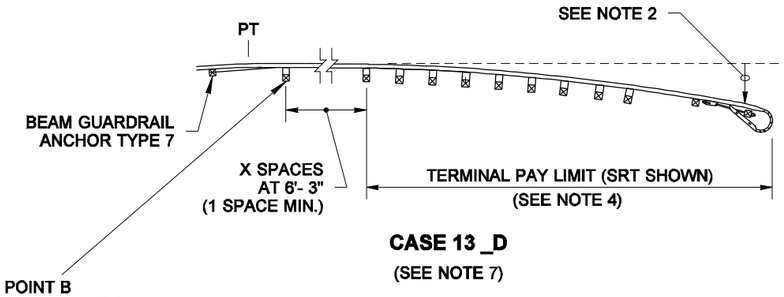
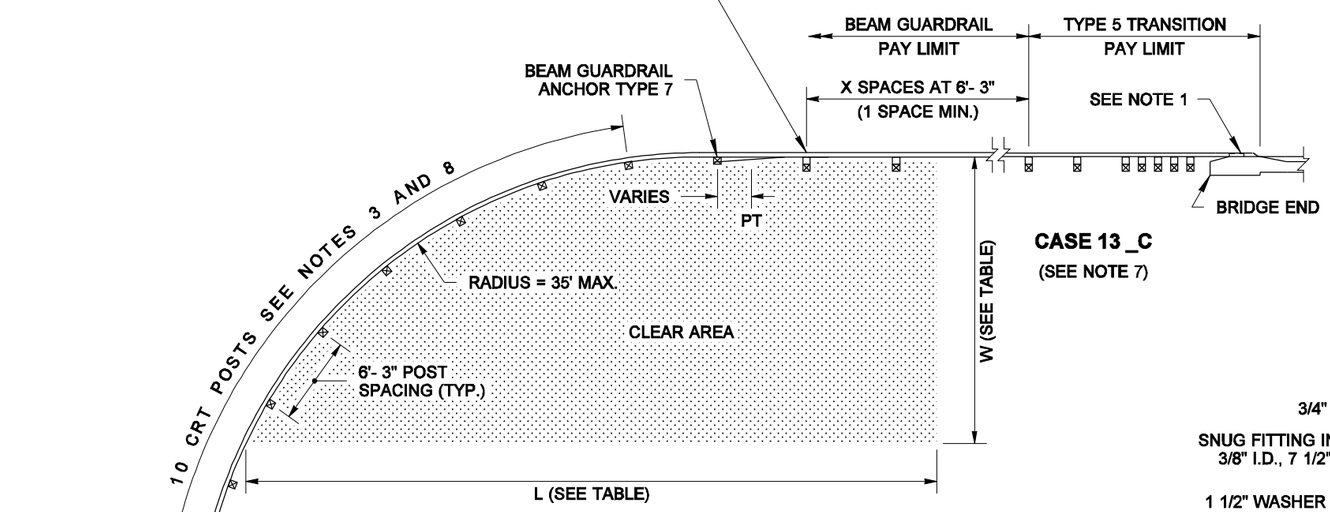
DRAWN BY: MARK SUJKA

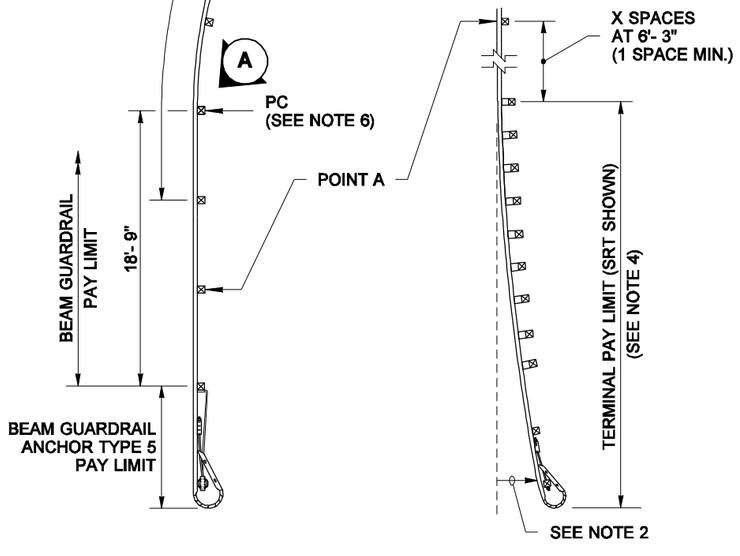
REQUIREMENTS			
RADIUS	NUMBER OF CRT POSTS (SEE NOTE 3)	CLEAR AREA	
		L	W
17'- 0"	6	30'	15'
25'- 6"	8	40'	20'
35'- 0"	11	50'	20'



CASE 13 _D
(SEE NOTE 7)

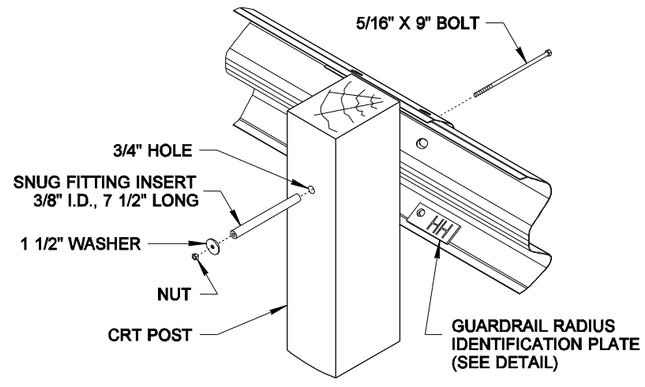


CASE 13 _C
(SEE NOTE 7)



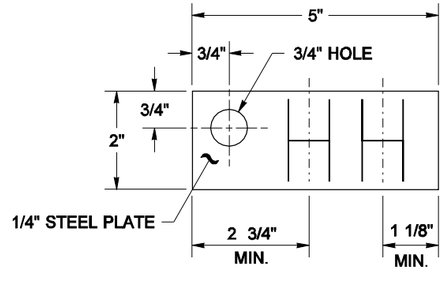
CASE 13 A_
(SEE NOTE 7)

CASE 13 B_
(SEE NOTE 7)



(SEE NOTES 3, 6 & 8)

VIEW A



(SEE NOTE 5)

GUARDRAIL RADIUS IDENTIFICATION PLATE DETAIL

NOTES

1. See Contract Plans for guardrail connection to bridge rail and concrete barrier.
2. The slope from the edge of the shoulder into the face of the guardrail should not be steeper than 10:1.
3. Fewer CRT posts are required for smaller radii; include CRT Post at Point B. Attach guardrail to post with a 5/16" x 9" long bolt, a 3/8" I.D. x 7 1/2" snug fitting insert, and a 1 1/2" washer with nut on back of post.
4. For terminal type and details, see Contract and applicable Standard Plan(s).
5. Radius dimensions shall be etched into plate replacing the letters "HH", shown on the GUARDRAIL RADIUS IDENTIFICATION PLATE DETAIL. Digits shall be 1 1/2" minimum height and 3/4" maximum width. Plate shall be galvanized after etching.
6. The guardrail radius Identification Plate shall be mounted on the back side of the rail element using the lowest splice bolt nearest the PC of the guardrail radius (See View A).
7. The first letter of the Case Designation indicates the end treatment on the side road. The second letter indicates the end treatment on the main road. For example, a Type 5 Anchor on the side road with a bridge connection on the main road would be Case 13 AC, the combination shown.
8. For CRT post details, see Standard Plan C-1b.

CLIFFORD E. MANSFIELD
STATE OF WASHINGTON
15224
REGISTERED
PROFESSIONAL ENGINEER

EXPIRES MAY 3, 2002

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

GUARDRAIL PLACEMENT WEAK POST INTERSECTION DESIGN (35' MAX. RADIUS)

STANDARD PLAN C-2g

APPROVED FOR PUBLICATION

Clifford E. Mansfield — STATE DESIGN ENGINEER — *07-27-01* — DATE

Washington State Department of Transportation

DATE	REVISION	BY
7/01	CORRECTED NOTES; ADDED "VIEW A"	MAS