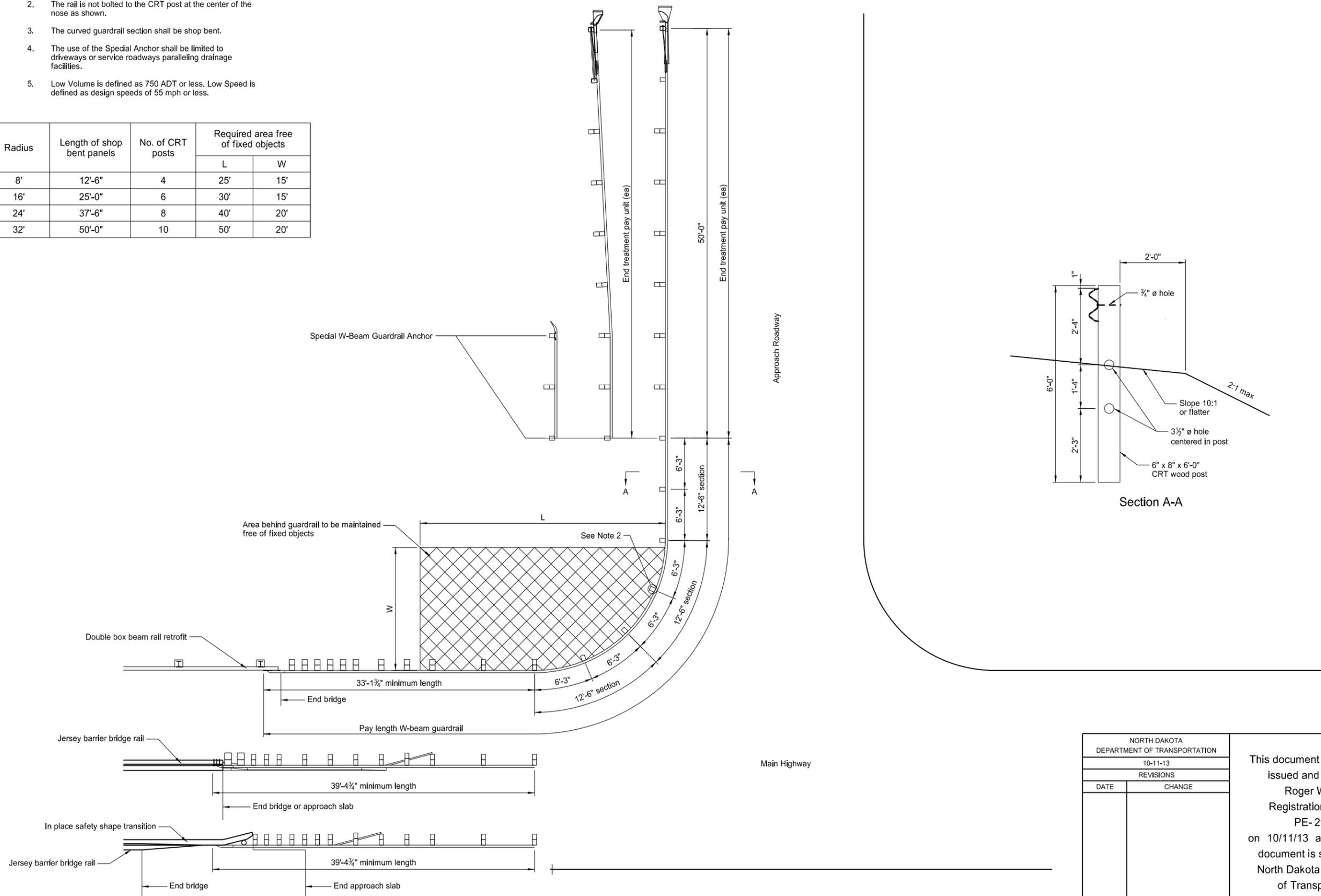


W-BEAM GUARDRAIL WITH APPROACHES NEAR BRIDGE FOR LOW VOLUME LOW SPEED ROADWAYS

NOTES:

1. No washers are used on the 5/8" guardrail bolts connecting the rail to the Controlled Release Terminal (CRT) posts.
2. The rail is not bolted to the CRT post at the center of the nose as shown.
3. The curved guardrail section shall be shop bent.
4. The use of the Special Anchor shall be limited to driveways or service roadways paralleling drainage facilities.
5. Low Volume is defined as 750 ADT or less. Low Speed is defined as design speeds of 55 mph or less.

Radius	Length of shop bent panels	No. of CRT posts	Required area free of fixed objects	
			L	W
8'	12'-6"	4	25'	15'
16'	25'-0"	6	30'	15'
24'	37'-6"	8	40'	20'
32'	50'-0"	10	50'	20'



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-11-13	
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This document was originally issued and sealed by
Roger Weigel,
 Registration Number
PE-2930,
 on 10/11/13 and the original document is stored at the
 North Dakota Department
 of Transportation