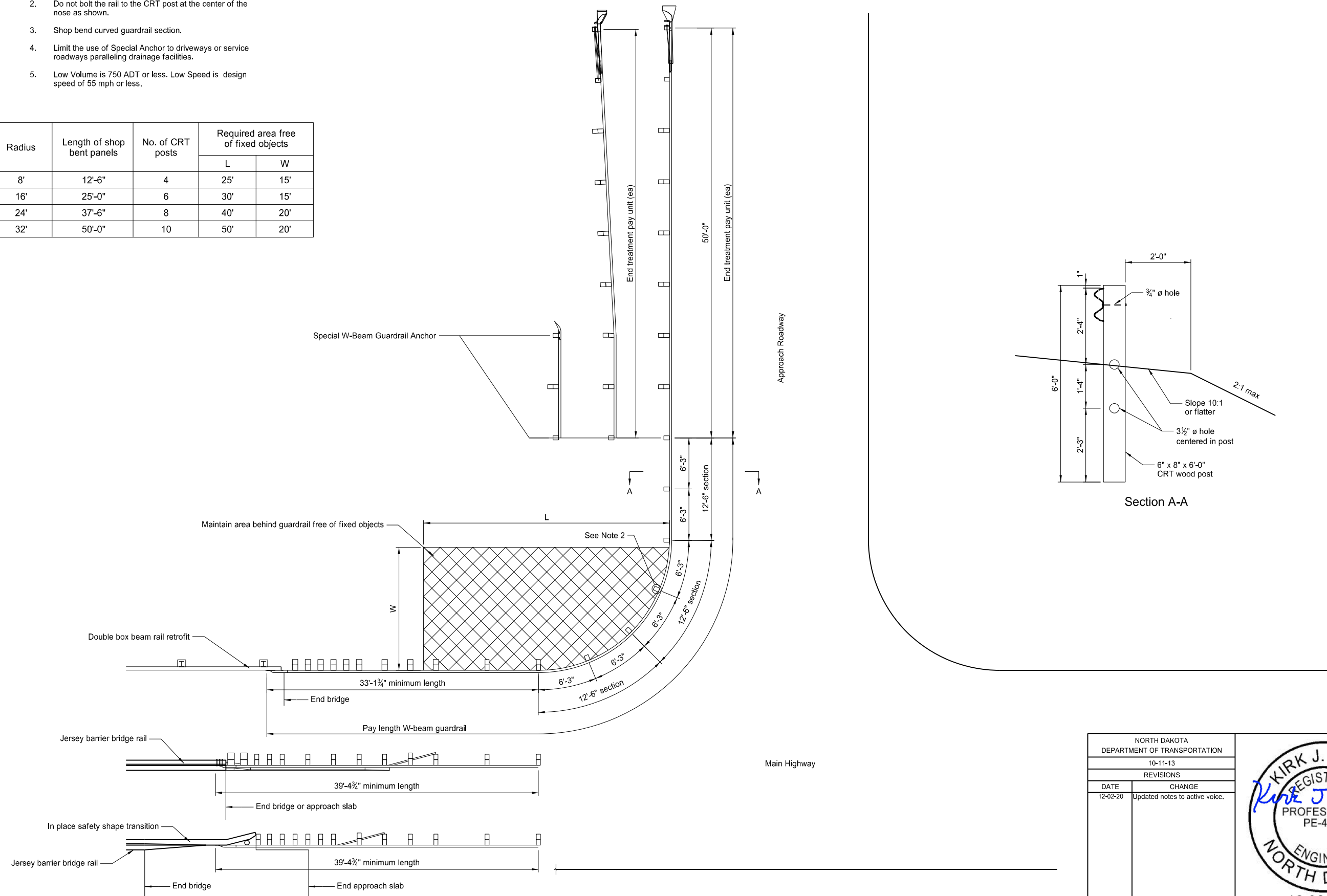


W-BEAM GUARDRAIL WITH APPROACHES NEAR BRIDGE  
FOR LOW VOLUME LOW SPEED ROADWAYS

NOTES:

1. Use no washers on the 5/8" guardrail bolts connecting the rail to the Controlled Release Terminal (CRT) posts.
2. Do not bolt the rail to the CRT post at the center of the nose as shown.
3. Shop bend curved guardrail section.
4. Limit the use of Special Anchor to driveways or service roadways paralleling drainage facilities.
5. Low Volume is 750 ADT or less. Low Speed is design speed 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	
REVISIONS	
DATE	CHANGE
12-02-20	Updated notes to active voice.

12 02 2020