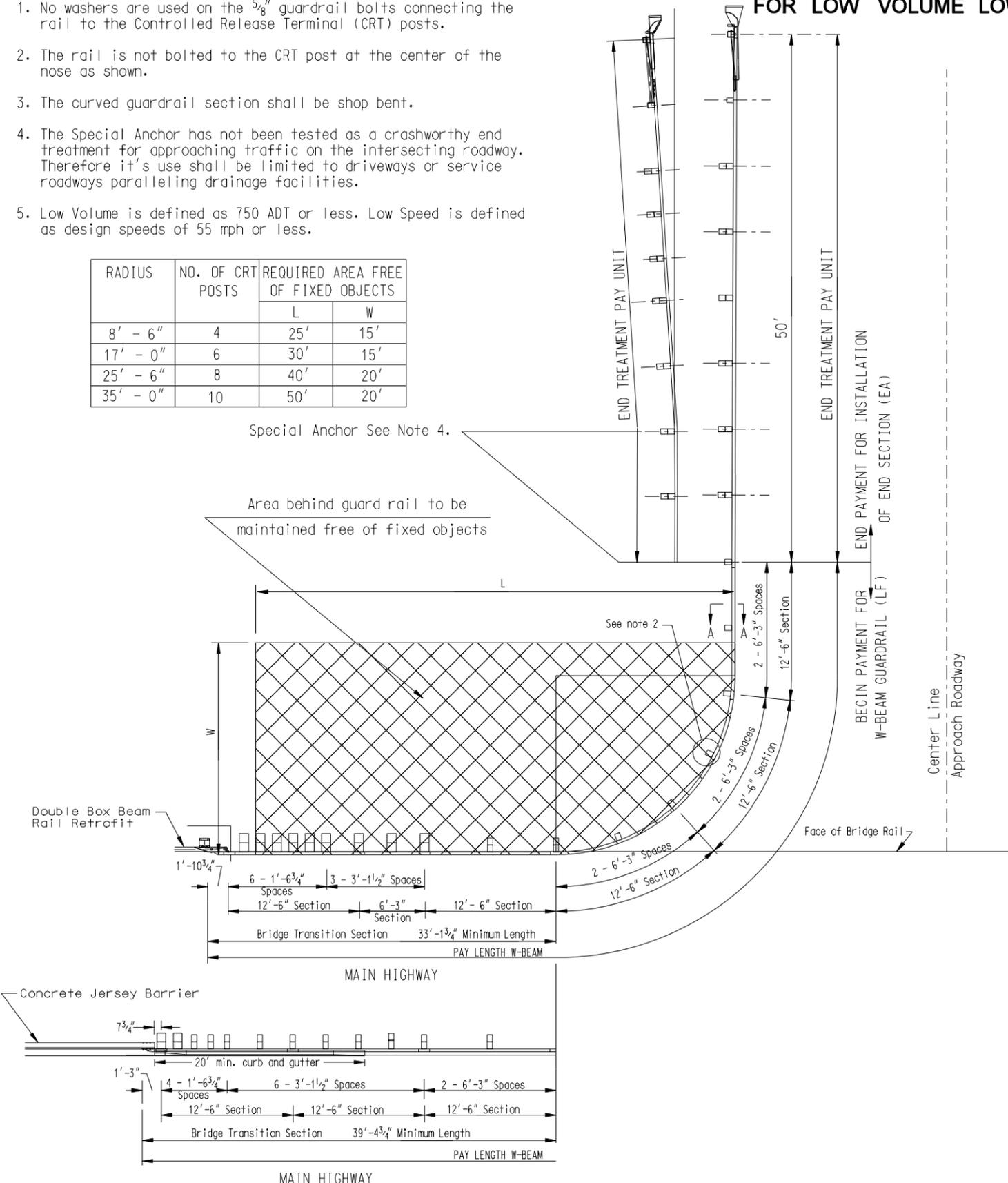
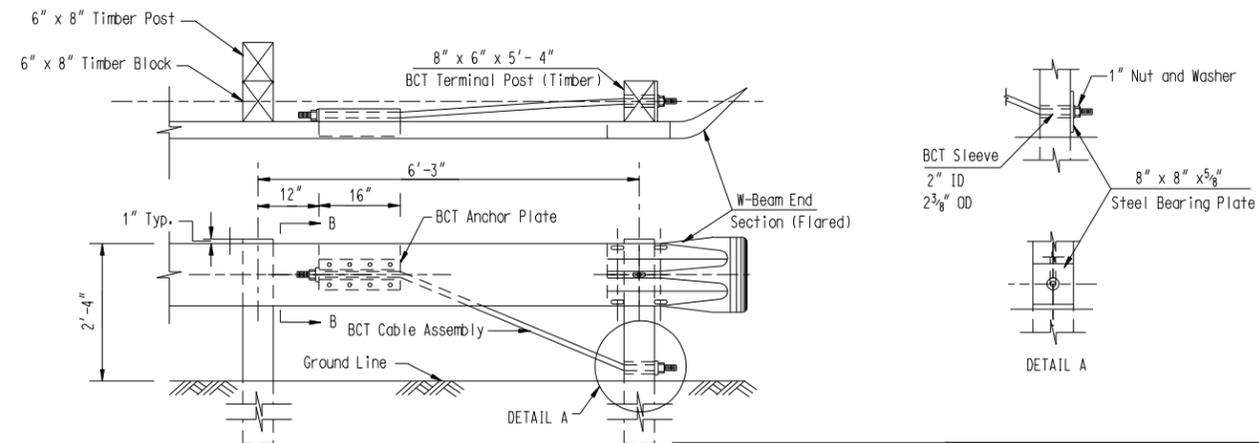
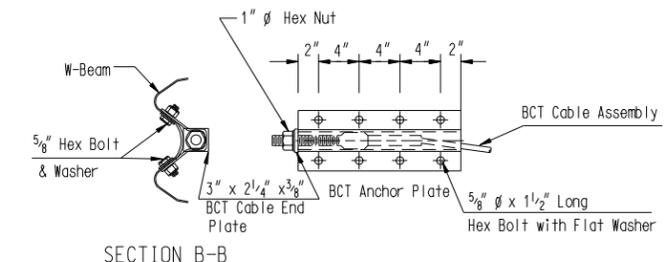
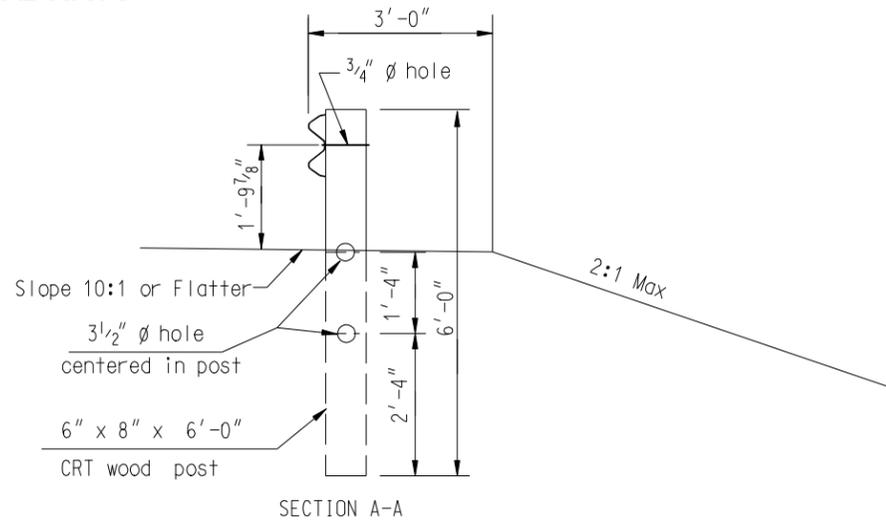


NOTES:

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 Special Anchor has not been tested as a crashworthy end treatment for approaching traffic on the intersecting roadway. Therefore its use 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.

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

RADIUS	NO. OF CRT POSTS	REQUIRED AREA FREE OF FIXED OBJECTS	
		L	W
8' - 6"	4	25'	15'
17' - 0"	6	30'	15'
25' - 6"	8	40'	20'
35' - 0"	10	50'	20'



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
02-10-00	
REVISIONS	
DATE	CHANGE
04-09-04	General revisions
12-01-04	PE Stamp added
09-12-07	Revised guardrail height from 27" to 28"

This document was originally issued and sealed by
Mark S Gaydos,
Registration Number
PE- 4518 ,
on 09/12/07 and the original document is stored at the North Dakota Department of Transportation