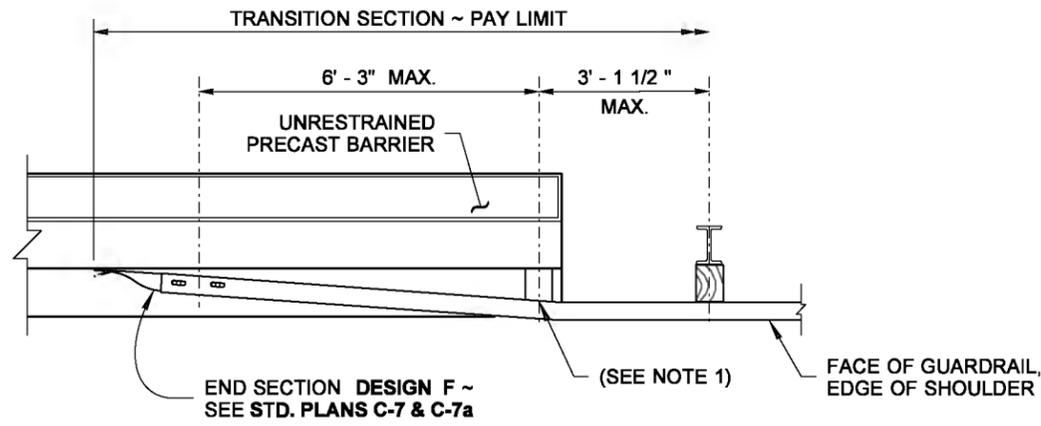
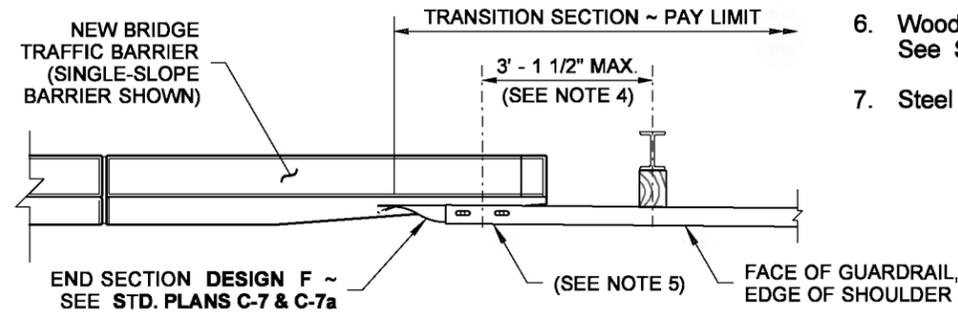


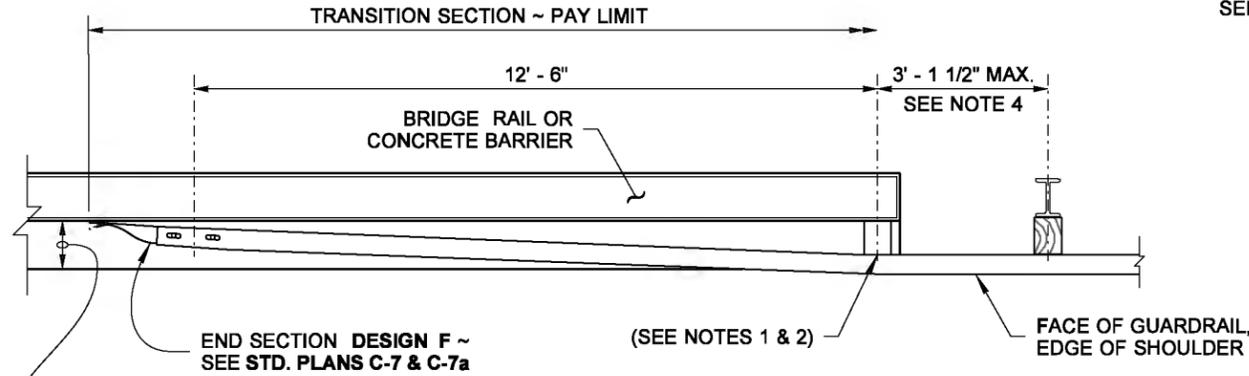
DRAWN BY: FERN LIDDELL



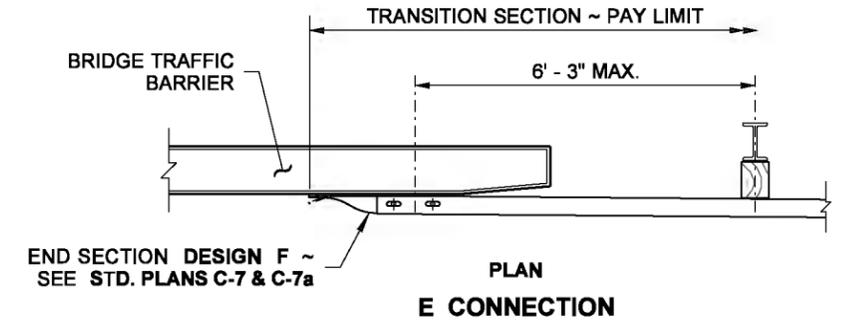
PLAN A CONNECTION



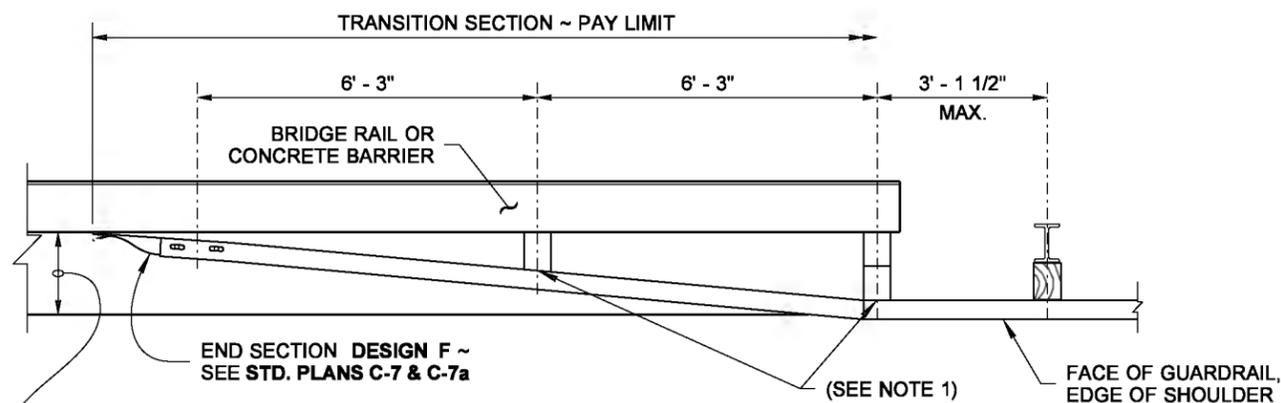
PLAN D CONNECTION
(SEE NOTE 3)



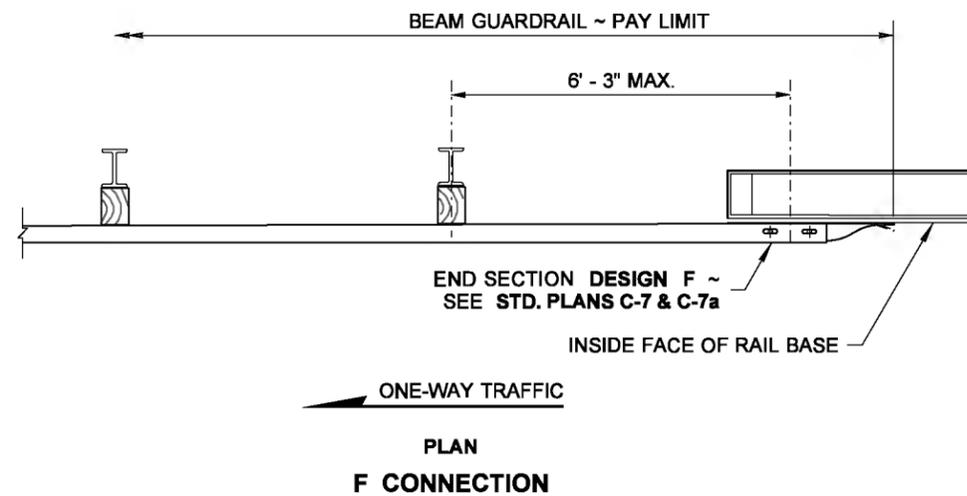
PLAN B CONNECTION
CURB WIDTH ~ 9" (IN) OR LESS, OR CONCRETE BARRIER



PLAN E CONNECTION



PLAN C CONNECTION
CURB WIDTH, GREATER THAN 9" (IN) ~ 18" (IN) MAX.



PLAN F CONNECTION

NOTES

1. Attach guardrail to bridge rail or concrete barrier with 7/8" (in) diameter bolts in accordance with **Standard Spec. 9-06.5(4)**, with thin slab ferrule inserts or resin-bonded anchors. See Contract Plans.
2. If the last guardrail post is 3" (in) or less from the end of the bridge barrier, this attachment and blockout is not necessary.
3. This case is also applicable for F-shape and vertical faces with no curbs.
4. When B connection is used with Type 1A Transition, the maximum spacing between bolts is 6' - 3".
5. See Bridge Plans for additional connection details.
6. Wood blocks shown. Blocks of alternate material may be used. See **Standard Specification 9-16.3 (2)**.
7. Steel posts shown. Timber posts may be used.



GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE BARRIER STANDARD PLAN C-24.10-01

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER
Washington State Department of Transportation