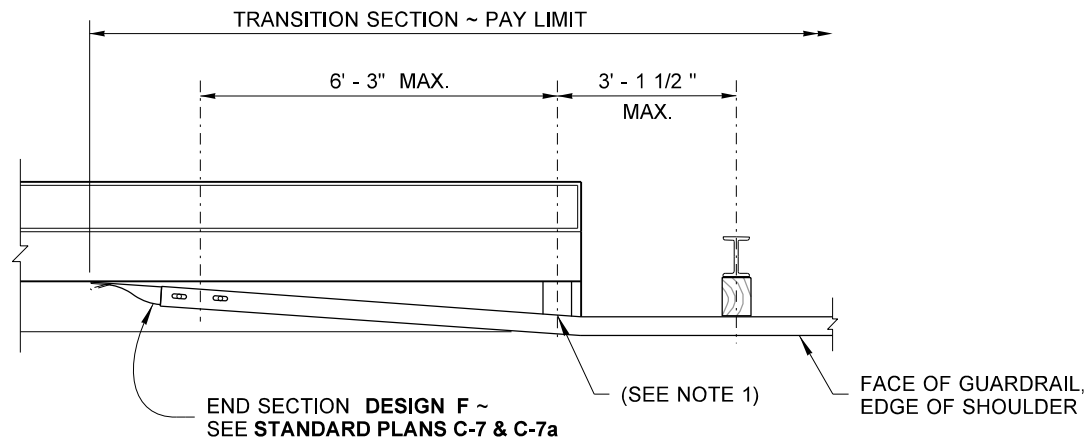
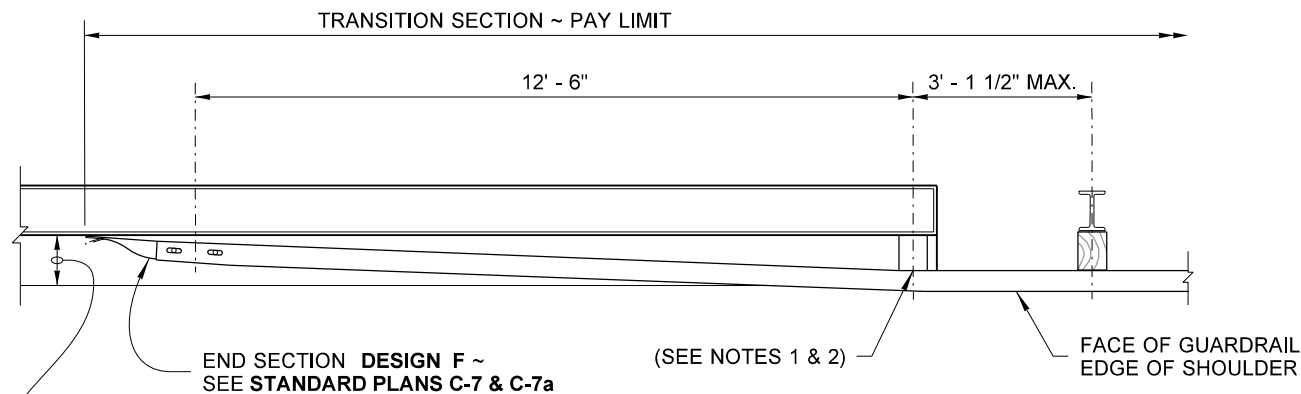


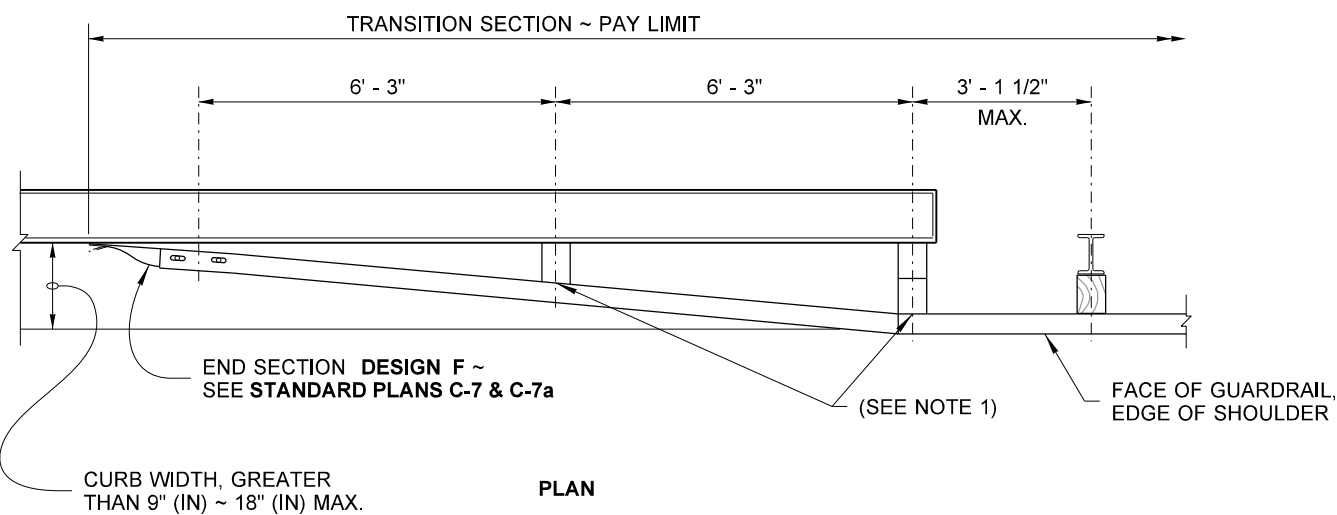
DRAWN BY: FERN LIDDELL



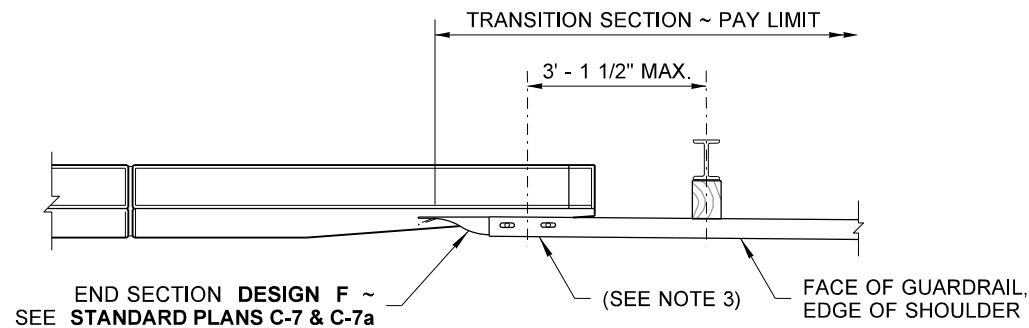
PLAN
A CONNECTION
(FOR UNRESTRAINED PRECAST CONCRETE BARRIER)



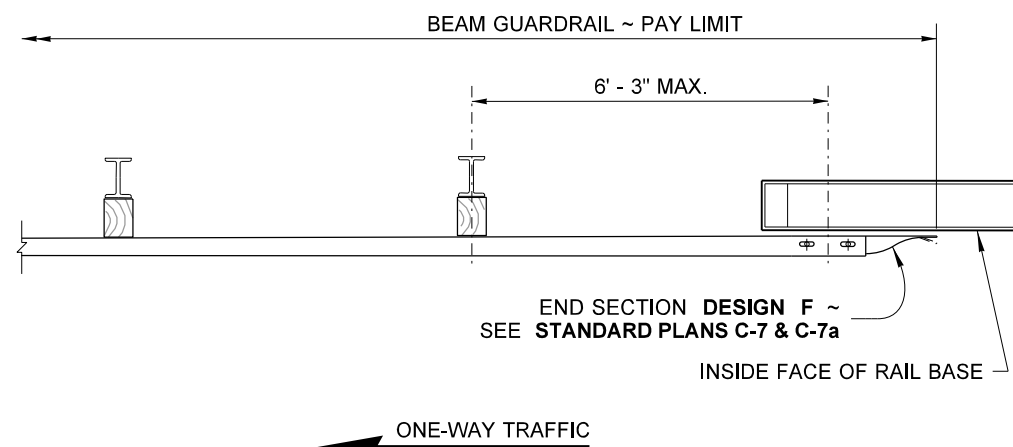
PLAN
B CONNECTION
(FOR BRIDGE RAILS WITH CURBS 9" (IN) OR LESS, OR SAFETY SHAPE (TYPE F, TYPE 2) BRIDGE RAIL AND CONCRETE BARRIERS)



PLAN
C CONNECTION
(FOR BRIDGE RAILS WITH CURBS BETWEEN 9"(IN) AND 18"(IN))



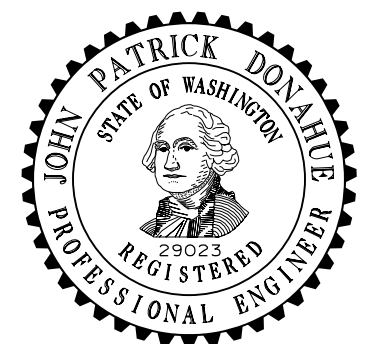
PLAN
D CONNECTION
(FOR VERTICAL WALLS, SINGLE SLOPE BRIDGE RAIL AND CONCRETE BARRIER, OR TAPERED SAFETY SHAPE (TYPE F, TYPE 2) BARRIER)



PLAN
F CONNECTION
(FOR ALL BRIDGE RAIL AND CONCRETE BARRIER TYPES LOCATED ON TRAILING ENDS OF ONE-WAY TRAFFIC ROADWAYS)

NOTES

1. Attach guardrail to bridge rail or concrete barrier with 7/8" (in) diameter bolts in accordance with **Standard Specification, Section 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. See Bridge Plans for additional connection details.
4. Wood blocks shown. Blocks of alternate material may be used. See **Standard Specification, Section 9-16.3 (2)**.
5. Steel posts shown. Timber posts may be used.



GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE BARRIER
STANDARD PLAN C-24.10-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER
Washington State Department of Transportation