**TRANSITION SECTION - PAY LIMIT**

**PLAN A CONNECTION**

6' - 3" MAX.

3' - 1 1/2" MAX.

UNRESTRAINED PRECAST BARRIER

FACE OF GUARDRAIL, EDGE OF SHOULDER

(SEE NOTE 1)

**PLAN B CONNECTION**

Curb width ~ 9" (in) or less, or concrete barrier

Bridge Rail or Concrete Barrier

FACE OF GUARDRAIL, EDGE OF SHOULDER

(SEE NOTES 1 & 2)

**PLAN C CONNECTION**

Curb width greater than 9" (in) ~ 18" (in) MAX.

Bridge Rail or Concrete Barrier

FACE OF GUARDRAIL, EDGE OF SHOULDER

(SEE NOTE 1)

**PLAN D CONNECTION**

(SEE NOTE 3)

**PLAN E CONNECTION**

Bridge Traffic Barrier

**TRANSITION SECTION - PAY LIMIT**

6' - 3" MAX.

**NEW BRIDGE TRAFFIC BARRIER**

(SINGLE-SLOPE BARRIER SHOWN)

**PLAN F CONNECTION**

Beam Guardrail ~ PAY LIMIT

6' - 3" MAX.

INSIDE FACE OF RAIL BASE

**ONE-WAY TRAFFIC**

**NOTES**

1. Attach guardrail to bridge rail or concrete barrier with 7/8" (in) diameter bolts in accordance with Standard Spec. 9-06.5(a), 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 blackout 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.

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**PLAN A CONNECTION**

(SEE STD. PLANS C-7 & C-7a)

**PLAN B CONNECTION**

(SEE STD. PLANS C-7 & C-7a)

**PLAN D CONNECTION**

(SEE NOTE 3)

**PLAN E CONNECTION**

(SEE NOTE 5)

**BEAM GUARDRAIL - PAY LIMIT**

6' - 3" MAX.

**ONE-WAY TRAFFIC**

**PLAN F CONNECTION**

INSIDE FACE OF RAIL BASE

**TRANSITION SECTION - PAY LIMIT**

6' - 3" MAX.

**NEW BRIDGE TRAFFIC BARRIER**

(SINGLE-SLOPE BARRIER SHOWN)

**PLAN D CONNECTION**

(SEE NOTE 3)

**PLAN E CONNECTION**

(SEE NOTE 5)

**TRANSITION SECTION - PAY LIMIT**

6' - 3" MAX.

**NEW BRIDGE TRAFFIC BARRIER**

(SINGLE-SLOPE BARRIER SHOWN)

**PLAN E CONNECTION**

(SEE NOTE 5)

**TRANSITION SECTION - PAY LIMIT**

6' - 3" MAX.

**NEW BRIDGE TRAFFIC BARRIER**

(SINGLE-SLOPE BARRIER SHOWN)

**PLAN E CONNECTION**

(SEE NOTE 5)