NOTES:

1. On approach end provide Index No. 402 (as shown) or other site specific treatment, see roadway plans. For treatment at trailing end, see roadway plans.

2. Actual joint dimension and orientation vary. For intermediate deck joints use the modified post spacing at intermediate deck joints detail, index No. 470, sheet 2, as required.

3. Areas where existing structure has been removed shall match adjoining areas and shall be finished flat by grouting or grading as required. Exposed existing reinforcing steel shall be removed off 1" below existing concrete and grouted over.

CROSS REFERENCES:
For section 4-4 see sheet 2.
For traffic railing notes and details see index no. 470.
**Scheme 1:** Partial Elevation of Inside Face of Railing

**Scheme 1 Notes:**
1. Provide Transition Block (as shown) or Curb if existing Approach Slab does not have a curb. See Roadway Plane. Shape and height of Transition Block or Curb shall match existing bridge curb. Transition Block may be omitted on trailing ends with no opposing traffic.

2. Field bend Dowel Bars 4L within Transition Block as required to maintain 2" top and side clearance and 3" bottom clearance.

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**Scheme 2:** Railing End Treatment for Parallel Wing Walls

**Scheme 2 Notes:**
1. Provide Transition Block (as shown) or Curb if existing Approach Slab does not have a curb. See Roadway Plane. Shape and height of Transition Block or Curb shall match existing bridge curb. Transition Block may be omitted on trailing ends with no opposing traffic.

2. Field bend Dowel Bars 4L within Transition Block as required to maintain 2" top and side clearance and 3" bottom clearance.
Intermediate Deck Joint
(See Note 2, Sheet 1)

Existing Bridge Coping

Guardrail/Post Assembly (Typ.)

Existing Posts

Existing Curb

Front Face of Rockwall & Begin or End Bridge

Existing Flared Wing Wall shown, Existing Wing Wall with combined Parallel and Flared portion similar

Construction Joint with 2 Layers of 30 lb. Smooth Roofing Paper

Cost-In-Place Curb with Transition Block (See Detail)

Roadway Guardrail Transition (See Note 1, Sheet 1)

Provide 3" chamfer

2 Layers of 30 lb. Smooth Roofing Paper along joint

Existing Approach Slab

Existing Bridge Deck

Front Face of Thrie-Beam Guardrail

Asphalt Overlay when present (Varies)

Partial Plan of Railing

VARIES (3'-15"") Min.

1'-6½" Min.

1'-0" Min.

1'-0" Min.

Railing Elevations

Pavement Surface

Existing Curb

Front Face of Rockwall & Begin or End Bridge

Cast-In-Place Curb with Transition Block (See Detail)

Cast-In-Place Curb

Transition Block (See Note 1)

Concrete edge

7" Embed. (Typ.)

Existing Approach Slab

Existing Wing Wall

SECTION C-C

PLAN OF CAST-IN-PLACE CURB & TRANSITION BLOCK DETAIL

(Approach End with Transition Block Shown, Trail End without Transition Block Similar)

1. Provide Cast-In-Place Curb as shown. Shape and height of Transition Block and Curb shall match existing bridge curb. Transition Block may be omitted on trailing ends with no opposing traffic.
2. Field cut and bend bars 44 and rotate Dowel Bars 48 within Curb and Transition Block as required to maintain 2" top and side clearance and 3" bottom clearance.
3. A single 3/8" x 8" Adhesive-Bonded Anchor may be omitted as shown when 2" clear cover cannot be provided.