

and Details.

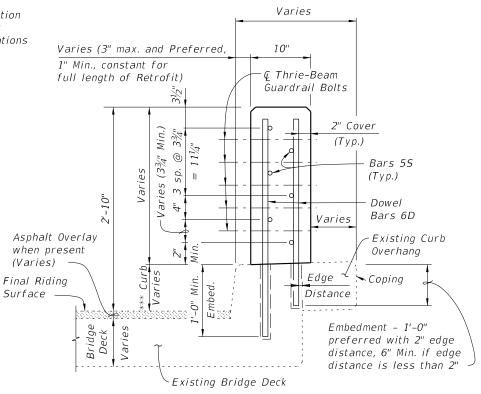
2. Field cut Bars 5S and Dowel Bars 6D to maintain clearance within Vertical Face Retrofit Railing.

3. Where existing structure has been removed and not encased in new concrete; match adjoining areas and finish flat by grouting or grinding as required. Exposed existing reinforcing steel not encased in new concrete shall be burned off 1" below existing concrete and grouted over.

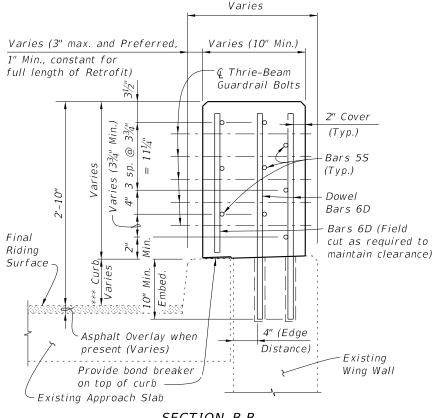
Non skewed deck joint shown, actual joint dimensions and orientation 521-480. Provide open Railing Joints at Deck Expansion Joint locations

TYPICAL SECTION THRU EXISTING TRAFFIC RAILING (BRIDGE DECK SHOWN, WING WALL SIMILAR)

> Detail, Expansion Dowel Detail, Reinforcing Steel Notes & Bending Diagram see Index 521-480.



SECTION A-A TYPICAL SECTION THRU RAILING ON BRIDGE DECK



SECTION B-B TYPICAL SECTION THRU RAILING ON WING WALL

**REVISION** 07/01/13

DESCRIPTION:

**FDOT** 

FY 2019-20 STANDARD PLANS

INTERMEDIATE CURB

INDEX *521-483* 

SHEET 1 of 3 Existing Perpendicular Wing Wall shown,

Dowel Bars 4L (10" Embedment)

- Edge of Existing Approach

Slab (Location Varies)

Existing Angled Wing Wall similar

(See Note 2)

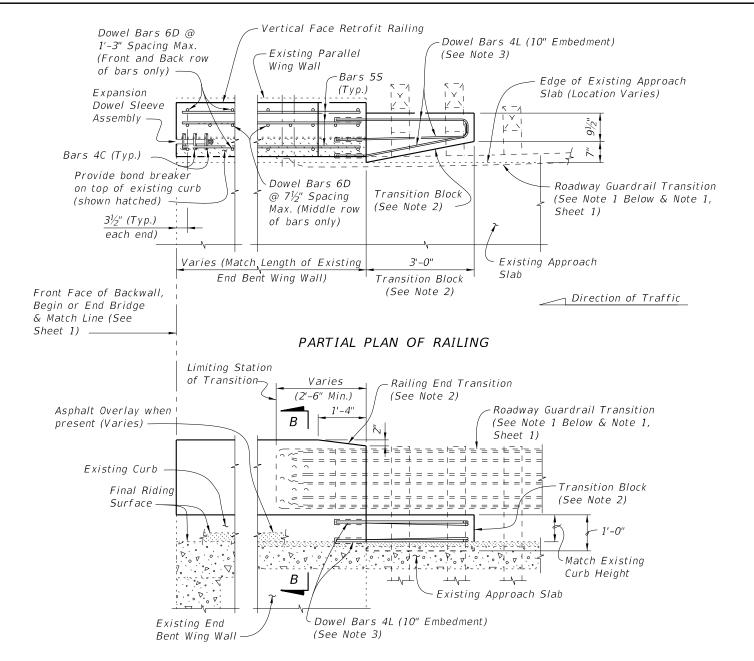
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## RAILING END TREATMENT FOR PERPENDICULAR OR ANGLED WING WALLS

#### SCHEME 1 NOTES:

DESCRIPTION:

- 1. Provide Transition Block (as shown) or Curb if existing Approach Slab does not have a curb, see Roadway Plans. Shape and height of Transition Block or Curb shall match existing bridge curb. Railing End Transition and 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.
- 3. If a Special Steel Guardrail Post is required for attachment to the top of a sloping Wing Wall, saw cut and remove a wedge shaped portion of the sloping Wing Wall as required to provide a level surface for post installation.



PARTIAL ELEVATION OF INSIDE FACE OF RAILING (Railing Reinforcing and Expansion Dowel Assemblies not shown for clarity)

# RAILING END TREATMENT FOR PARALLEL WING WALLS

#### SCHEME 2 NOTES:

- 1. See Roadway Plans for limiting station of Roadway Guardrail Transition or other site specific treatment. If limiting station of Roadway Guardrail Transition is along the Wing Wall, attach Thrie-Beam Terminal Connector to railing as shown above. If limiting station of Roadway Guardrail Transition is on the bridge, see Sheet 1. On skewed bridges, if the skew along the deck joint extends across the width of the railing, the 2'-6" minimum dimension shall apply to both the front and back face of the railing.
- 2. Provide Transition Block (as shown) or Curb if existing Approach Slab Curb does not extend beyond end of existing End Bent Wing Wall, see Roadway Plans. Shape and height of Transition Block or Curb shall match existing bridge curb. Railing End Transition and Transition Block may be omitted on trailing ends with no opposing traffic.
- 3. Field bend Dowel Bars 4L within Transition Block as required to maintain 2" top and side clearance and 3" bottom clearance.

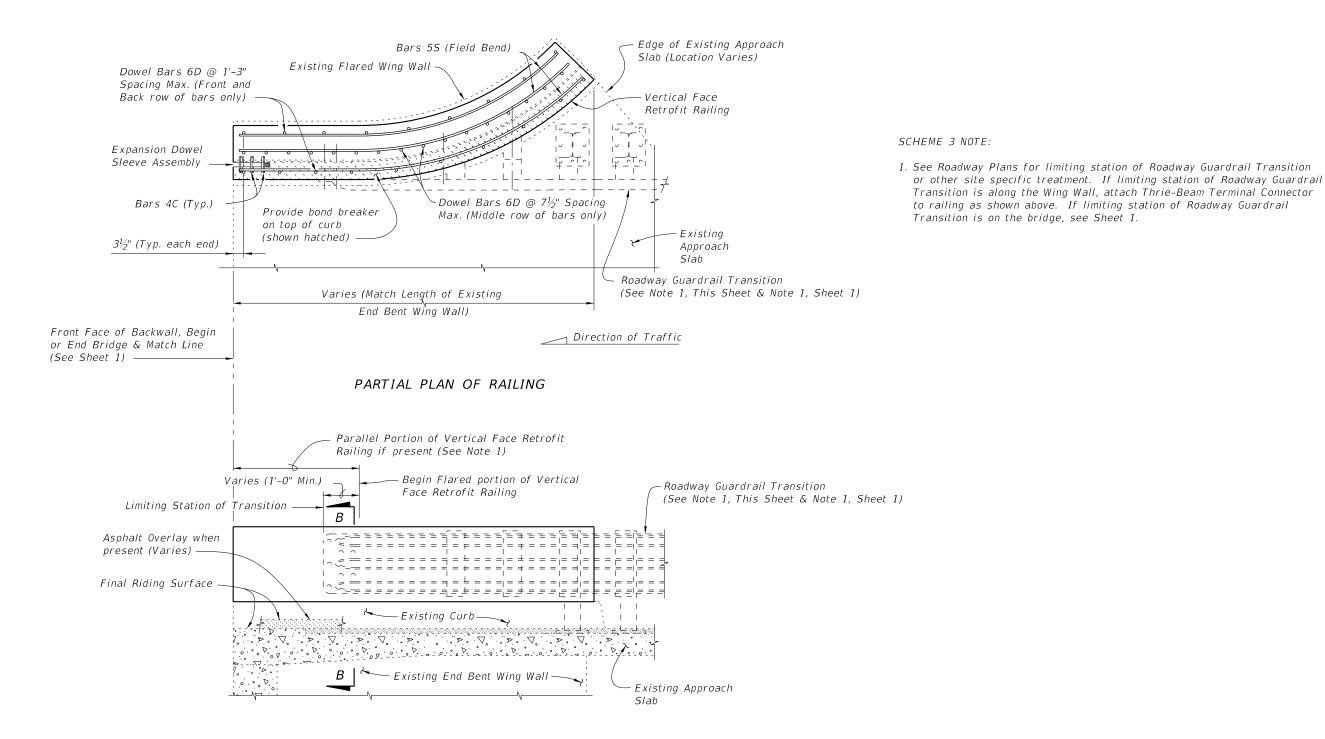
LAST REVISION 07/01/07

FDOT

FY 2019-20 STANDARD PLANS INDEX

SHEET

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PARTIAL ELEVATION OF INSIDE FACE OF RAILING (Railing Reinforcing and Expansion Dowel Assemblies not shown for clarity)

RAILING END TREATMENT FOR

FLARED WING WALLS

10/24/2018

LAST OF DESCRIPTION:
REVISION OF DESCRIPTION: