

NOTES:

- 1. On approach end provide Index No. 402 (as shown) or other site specific treatment, see Roadway Plans. For treatment of 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 grinding as required. Exposed existing reinforcing steel shall be burned off 1" below existing concrete and grouted over.

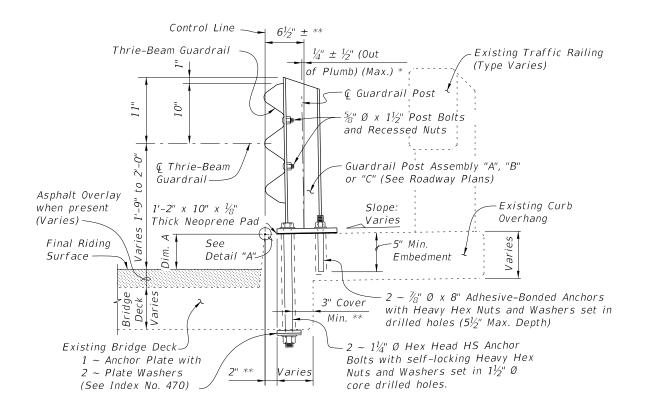
CROSS REFERENCES: For Section A-A see Sheet 2. For Traffic Railing Notes and Details see Index No. 470.

REVISION 01/01/08

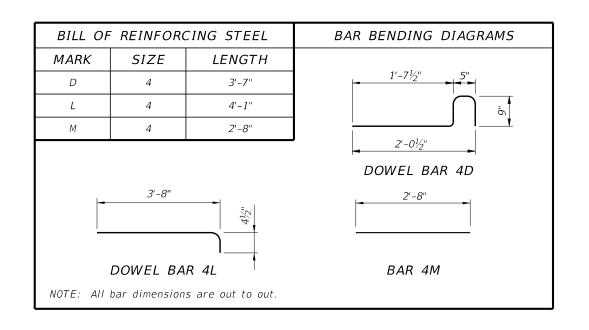
DESCRIPTION:

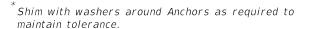
FDOT

FY 2016-17 **DESIGN STANDARDS**



SECTION A-A TYPICAL SECTION THRU RAILING ON BRIDGE DECK





Match Front Face of

Asphalt Overlay

Final Riding

Surface -

Approach

Slab Varies-

when present

(Varies) -

Thrie-Beam Guardrail along Bridge 🗲

Offset Block(s) as required

Thrie-Beam

Guardrail-

 ← Thrie-Beam

1'-2" x 10" x 1/3"

Thick Neoprene Pad

-Existing

Approach

Slab

Varies 51/2" **

Guardrail

Schemes 3 & 4 - Overhang Varies

Schemes 5 & 6 - Nominal Overhang

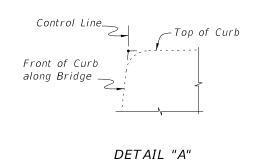
Control Line (Schemes 5 & 6)

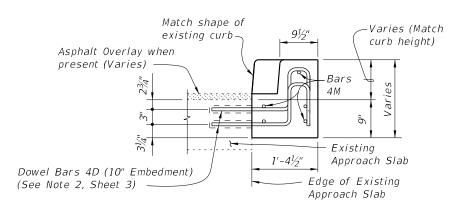
Control Line (Projected from

Bridge) (Schemes 3 & 4)

(Schemes 3 and 4 only)

Offset may vary \pm 1" for Adhesive-Bonded Anchors to clear existing curb reinforcing and provide minimum edge clearance. Offset shall be consistent along length of bridge.





VIEW C-C

CROSS REFERENCES:

For location of Section A-A see Sheet 1, 3 & 4.

For location of Section B-B see Sheet 4.

 $\frac{1}{4}$ " $\pm \frac{1}{2}$ " Out of

• © Guardrail

%" Ø x 8" Post

Slope:

Depth respectively).

SECTION B-B

TYPICAL SECTION THRU RAILING ALONG APPROACH SLAB (SCHEMES 5 AND 6 SHOWN, SCHEMES 3 AND 4 SIMILAR)

Bolts and Recessed Nuts

or "C" (See Roadway Plans)

Guardrail Post Assembly "A", "B"

Varies¦ Embedment

Existing Curb Overhang

__ 5" Min.

drilled holes (5½" Max. Depth)

 $2 \sim 1\frac{1}{4}$ " Ø x 1'-4" (1'-1" Min. Embed. Schemes 3 & 5) or $2 \sim 1\frac{1}{4}$ " Ø x 8" (5" Min. Embed. Schemes 4 & 6)

Adhesive-Bonded Anchors with Heavy Hex Nuts and

Washers set in drilled holes $(1'-1\frac{1}{2}'')$ or $5\frac{1}{2}''$ Max.

Plumb (Max.) *

Existing Wing Post

Existing Wing

Wall

%" Ø x 8" Adhesive-Bonded Anchors

with Heavy Hex Nuts and Washers set in

(Type Varies)

For location of Section C-C see Sheet 3.

For application of Dim. A see Post Dimension Table

on Index 470, Sheet 3.

REVISION 07/01/08

DESCRIPTION:

FY 2016-17 DESIGN STANDARDS

TRAFFIC RAILING - (THRIE-BEAM RETROFIT)

INDEX NO. 476

SHEET NO. 2 of 4

