

PARTIAL ELEVATION OF INSIDE FACE OF RAILING

(Existing Traffic Railing not shown for clarity)

=== TYPICAL TREATMENT OF RAILING ALONG BRIDGE ======

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.

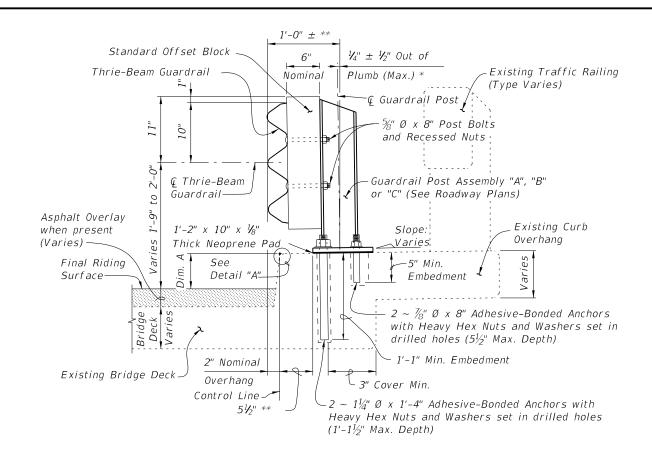
≥ DESCRIPTION: LAST REVISION 01/01/08

2015 FDOT

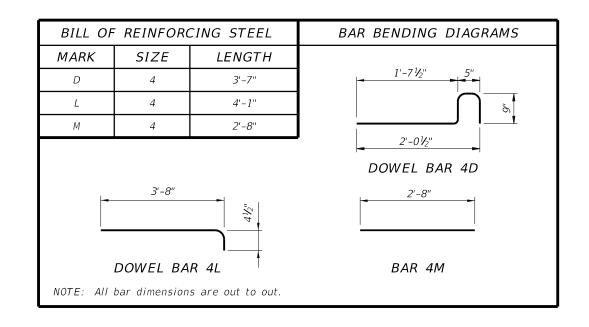
TRAFFIC RAILING - (THRIE-BEAM RETROFIT) WIDE CURB TYPE 1

INDEX NO.

DESIGN STANDARDS



SECTION A-A TYPICAL SECTION THRU RAILING ON BRIDGE DECK





Match Front Face of

Asphalt Overlay

Final Riding

Surface

Approach

Slab Varies

Schemes 3 & 4 - Overhang Varies

Schemes 5 & 6 - 2" Nominal Overhang

Control Line (Schemes 5 & 6) -

Control Line (Projected from

Bridge) (Schemes 3 & 4) -

when present

(Varies)

Thrie-Beam Guardrail along Bridge

Offset Block(s) as required

Thrie-Beam

Guardrail-

ℂ Thrie-Beam

1'-2" x 10" x 1/8"

See

Thick Neoprene Pad

Detail "A".

Existing

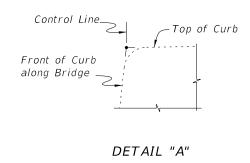
Approach

Slab

Varies 51/2" **

Guardrail-

 $^{\circ}$ 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.



Match shape of -Varies (Match 91/2" existing curbcurb height) Asphalt Overlay when present (Varies) Bars 4M Existing 1'-41/2" Approach Slab Dowel Bars 4D (10" Embedment) Edge of Existing (See Note 2, Sheet 3) Approach Slab

VIEW C-C

CROSS REFERENCES:

Varies ** $(1'-0'' \pm Min.)$

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

Plumb (Max.) *

-Ç Guardrail Postî

🖔" Ø Post Bolts (length varies)

-Guardrail Post Assembly "A", "B"

Existing Curb Overhang

or "C" (See Roadway Plans)

and Recessed Nuts

Slope:

Varies

Embedment

_5" Min.

∽ 3" Cover Min.

SECTION B-B

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

Depth respectively)

Existing Wing Post

Existing Wing

Wall

~ %" Ø x 8" Adhesive-Bonded Anchors

with Heavy Hex Nuts and Washers set in

 $2 \sim 1\frac{1}{4}$ " 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.

drilled holes $(5\frac{1}{2}"$ Max. Depth)

(Type Varies)

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

For location of Section B-B see Sheet 4.

For location of View C-C see Sheet 3.

For application of Dim. A see Post Dimension Table

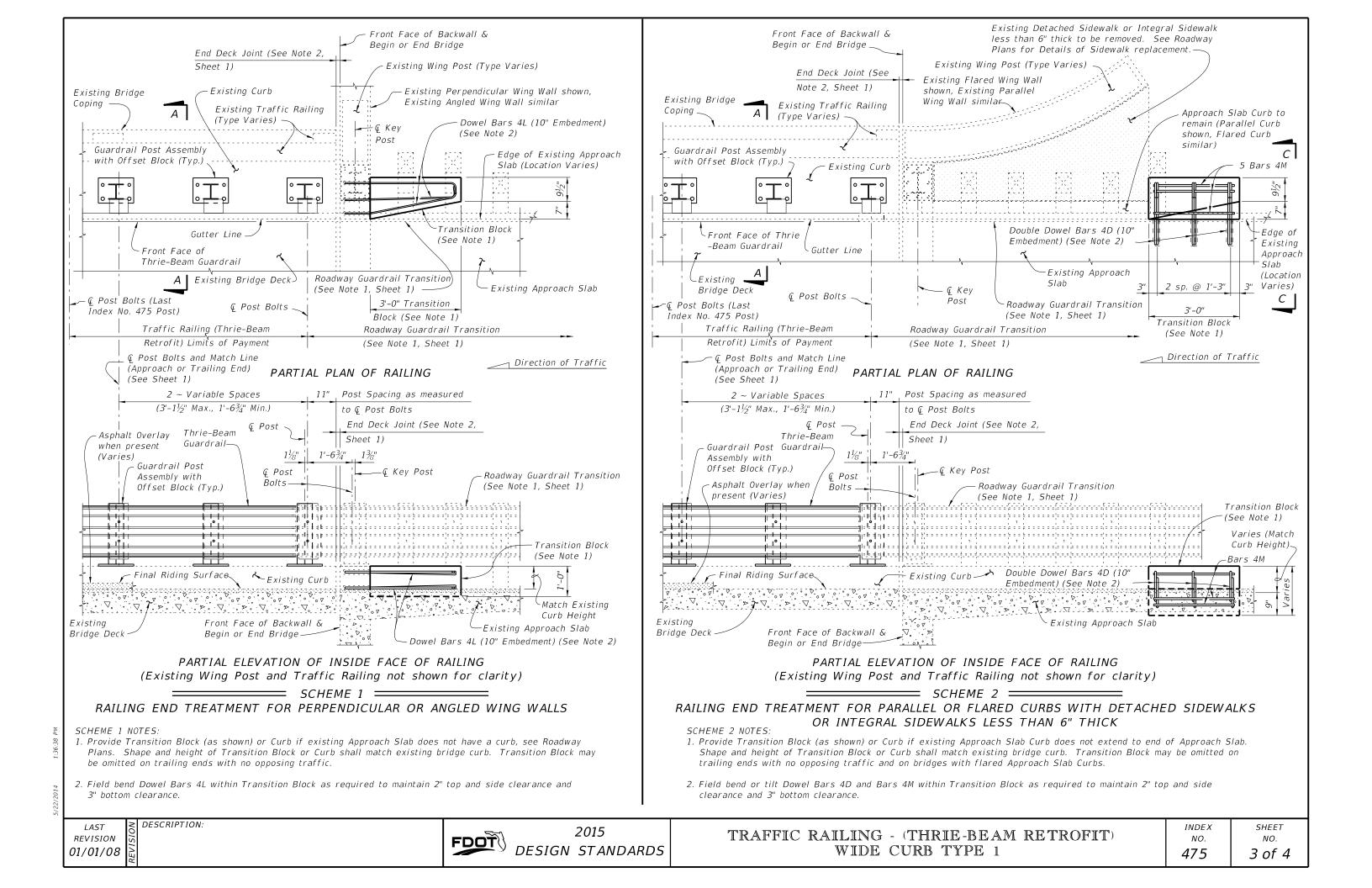
on Index 470, Sheet 3.

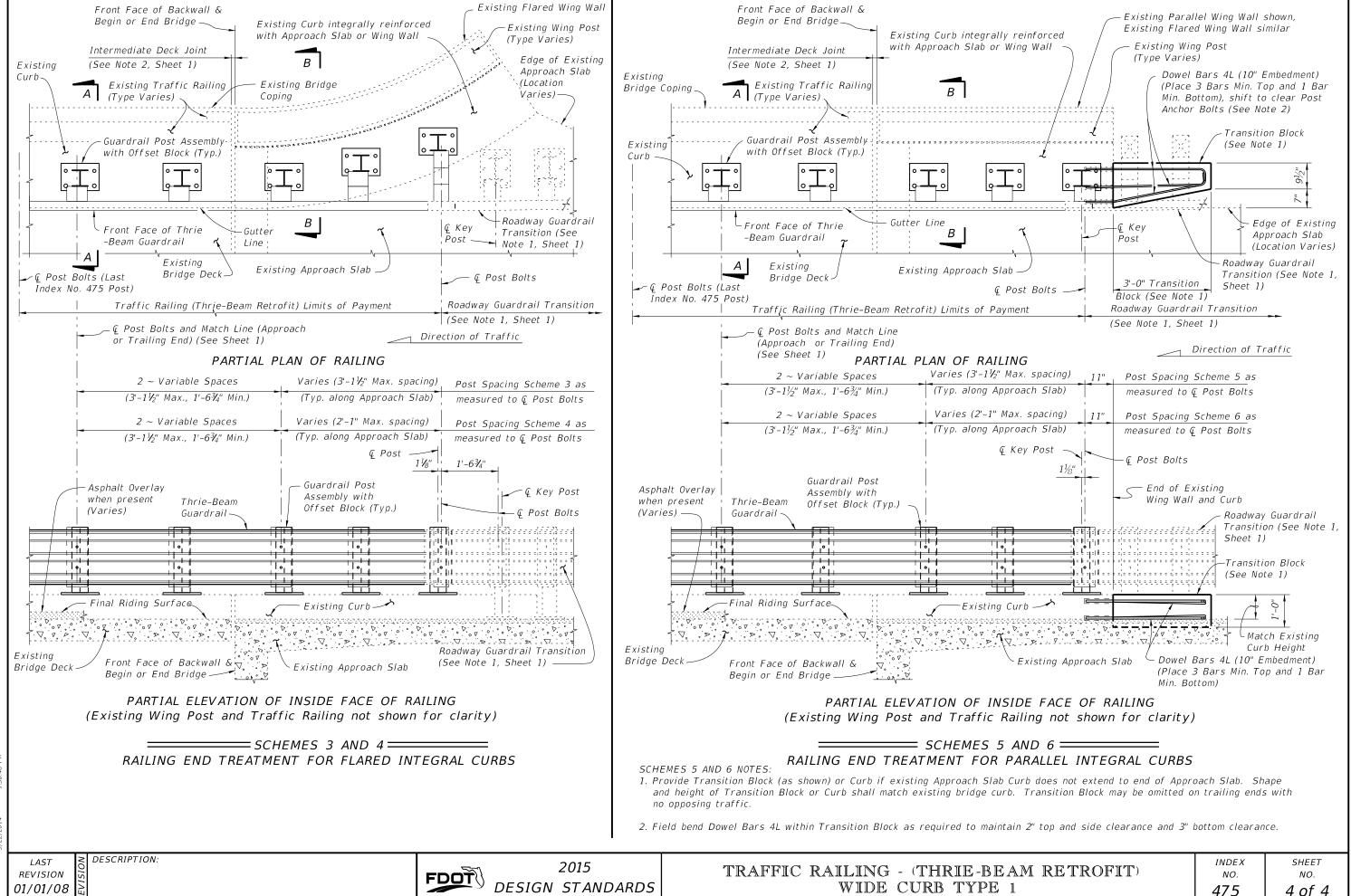
LAST REVISION 01/01/08

DESCRIPTION:



SHEET NO. 2 of 4





5/22/2014