

PARTIAL ELEVATION OF INSIDE FACE OF RAILING (Existing Traffic Railing not shown for clarity)

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

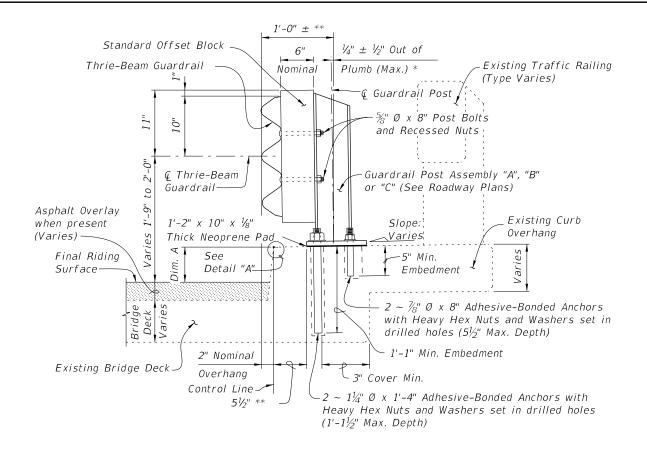
- 1. On approach end provide Index 536-002 (as shown) or other site specific treatment, see Roadway Plans. For treatment of trailing end see Roadway Plans.
- 2. Actual joint dimension and orientation vary. For Intermediate Deck Joints use the Modified Post Spacing at Intermediate Deck Joints Detail, Index 460-470, 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 460-470.

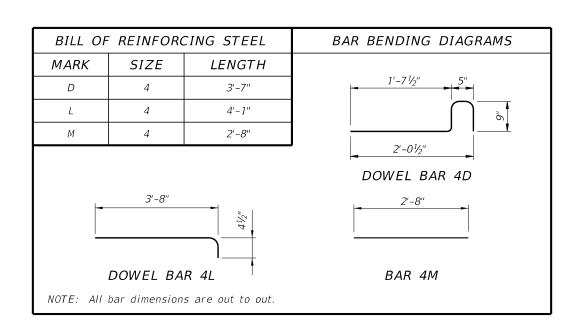
REVISION 01/01/08

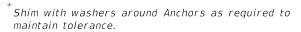
DESCRIPTION:

FDOT



SECTION A-A
TYPICAL SECTION THRU RAILING ON BRIDGE DECK





Match Front Face of

Asphalt Overlay

Final Riding

when present

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) -

(Varies)

Thrie-Beam Guardrail along Bridge

Offset Block(s) as required

Thrie-Beam

Guardrail-

⊊ Thrie-Beam

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

Detail "A'

-Existing

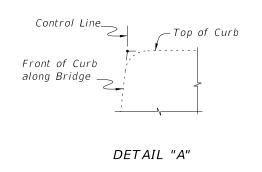
Approach

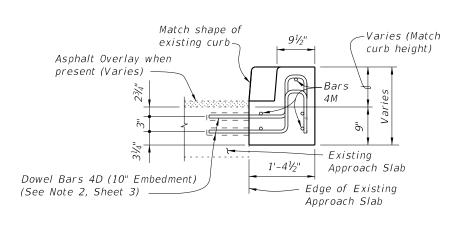
Slab

Varies 51/3" **

Guardrail-

**
Offset may vary ± 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:

Varies **

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

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

Plumb (Max.) *

-Ç Guardrail Post:

and Recessed Nuts

Slope:

Embedment

<u>___Varie</u>s

_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)

%" Ø Post Bolts (length varies)

-Guardrail Post Assembly "A", "B"

Existing Curb Overhang

 $\sim \frac{7}{8}$ " 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 (5½" Max. Depth)

or "C" (See Roadway Plans)

Existing Wing Post

Existing Wing

(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 460-470, Sheet 3.

LAST REVISION 01/01/08

FDOT

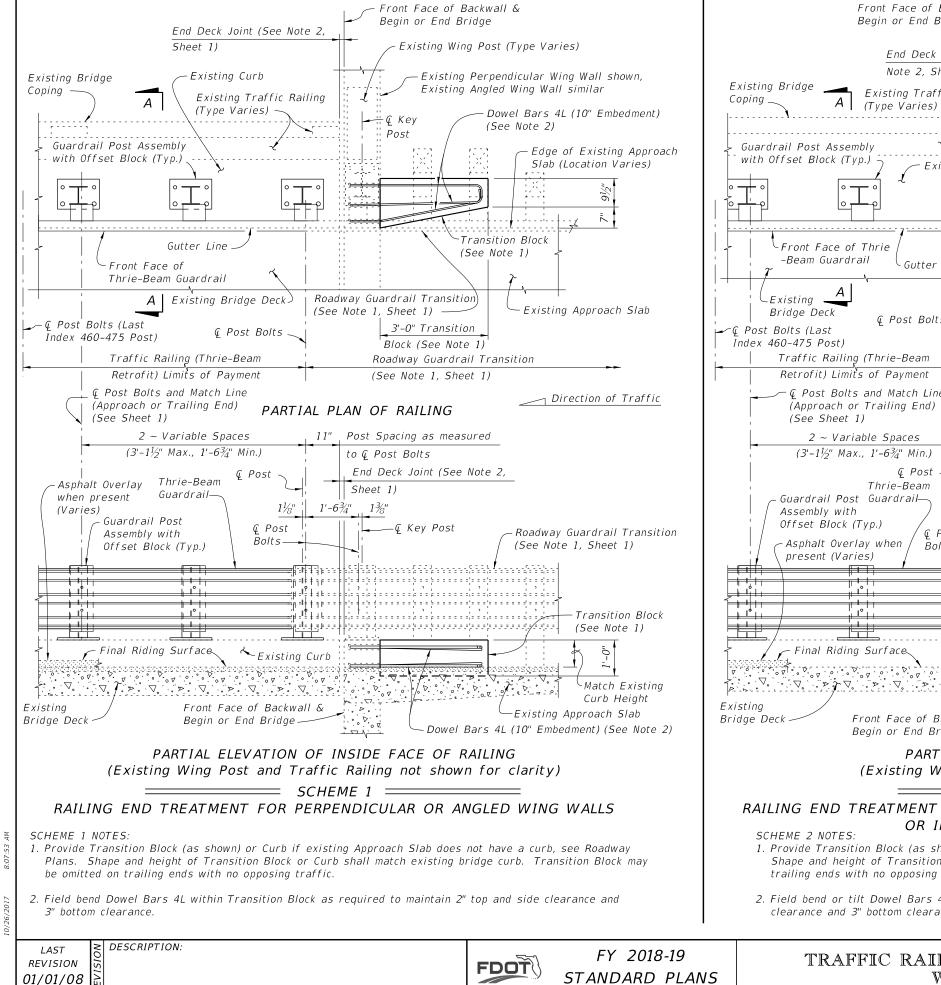
FY 2018-19
STANDARD PLANS

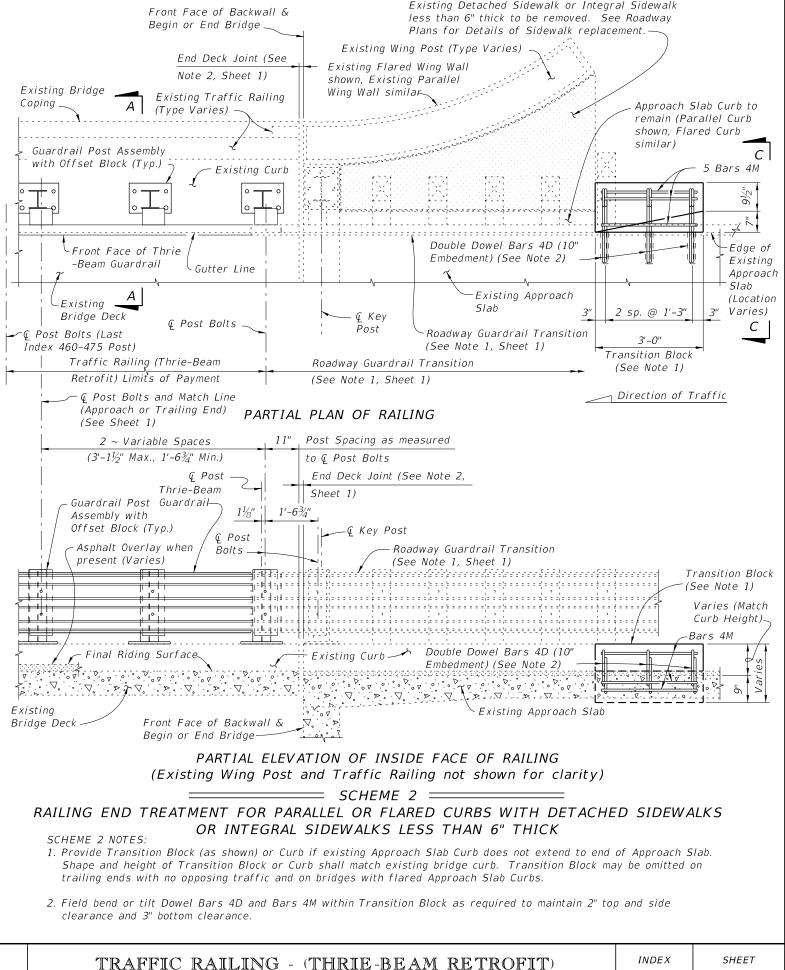
TRAFFIC RAILING - (THRIE-BEAM RETROFIT)
WIDE CURB TYPE 1

INDEX

SHEET

460-475 2 of 4





STANDARD PLANS

