

PARTIAL ELEVATION OF INSIDE FACE OF RAILING

== 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.

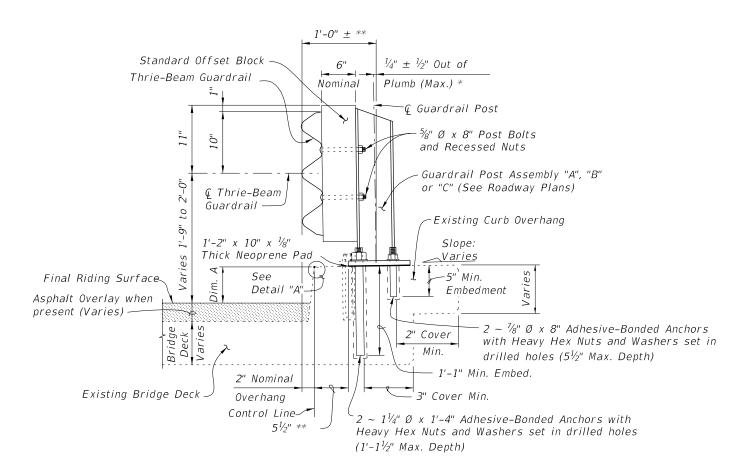
CROSS REFERENCES: For Match Line see Sheets 3 & 4. For Section A-A see Sheet 2.

For Traffic Railing Notes and Details see Index 460-470.

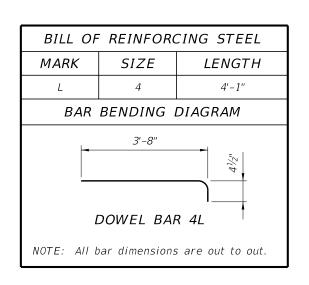
REVISION 11/01/24

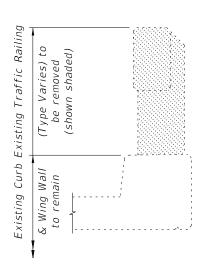
DESCRIPTION:

FDOT

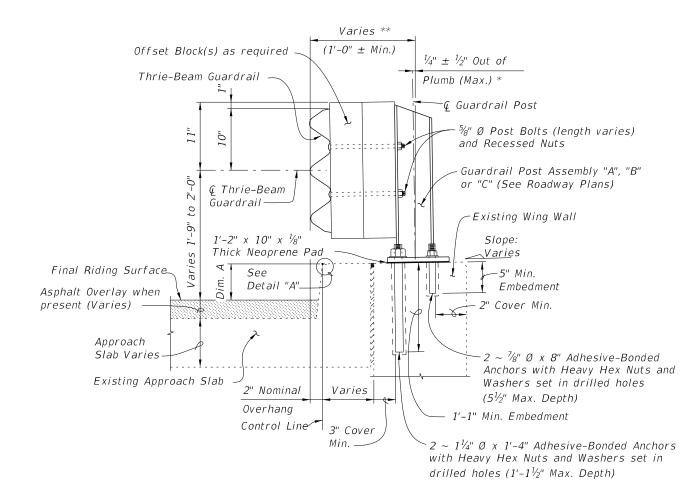


SECTION A-A
TYPICAL SECTION THRU RAILING ON BRIDGE DECK
(Adhesive Anchor Option shown solid, Screw Anchor Option shown dashed)





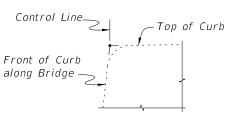
TYPICAL SECTION THRU EXISTING TRAFFIC RAILING SHOWING LIMITS OF REMOVAL (BRIDGE DECK SHOWN, WING WALL SIMILAR)



SECTION B-B (SCHEME 2) TYPICAL SECTION THRU RAILING ALONG APPROACH SLAB

*Shim with washers around Anchor Bolts and Anchors as required to maintain tolerance.

** 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.



DETAIL "A"

CROSS REFERENCES:

For location of Section A-A see Sheet 1 and 3.
For location of Section B-B see Sheet 3
For application of Dim. A see Post Dimension Table on Index 460-470, Sheet 3.

DESCRIPTION:

Front Face of Back wall 3'-0" Transition & Begin or End Bridge Intermediate Deck Joint (See Block (See Note 1) Dowel Bars 4L Existing Parallel Wing Wall Note 2, Sheet 1) (10" Embedment) (See Note 2) Existing Bridge Coping End of Existing Wing Wall Transition Block Existing Curb-(See Note 1) 4---3 Edge of Existing Approach, Guardrail Post Assembly Slab (Location Varies) ^CRoadway Guardrail Transitior with Offset Block (Typ.) -Beam Guardrail (See Note 1, Sheet 1) Existing Bridge Deck Existing Approach Slab © Post Bolts -Traffic Railing (Thrie-Beam Retrofit) Limits of Payment Roadway Guardrail Transition (See Note 1, Sheet 1) - Ç Post Bolts (Last Direction of Traffic Index 460-474 Post) PARTIAL PLAN OF RAILING (Adhesive Anchor Option shown, Screw Anchor Option similar) © Post Bolts and Match Line Varies (6'-3" Max., Varies $(3'-1\frac{1}{2}'')$ Spacing Max.) Post Spacing as measured (Approach End or Trailing End) to © Post Bolts (Typ. Along Wing Wall) $3'-1\frac{1}{2}''$ Min.) (See Sheet 1) -€ Key -End of Existing Wing Wall Post -- Guardrail Post Assembly with 11/8" 1'-63/4" Asphalt Overlay Offset Block (Typ.) Roadway Guardrail Transition Thrie-Beam when present (See Note 1, Sheet 1) © Post Bolts (Varies) Guardrail— Transition Block (See Note 1) haaaa6664 ----- \perp \rightarrow ± # ala # # a a a - Final Riding Surface abla...Existing Bridge Deck - Match Existing Existing Approach Slab Curb Height Front Face of Back wall & Existing Curb Begin or End Bridge -Dowel Bars 4L (10" Embedment) (See Note 2) PARTIAL ELEVATION OF INSIDE FACE OF RAILING SCHEME 2

RAILING END TREATMENT FOR PARALLEL WING WALLS

SCHEME 2 NOTES.

- 1. Provide Transition Block (as shown) or Curb if existing Approach Slab Curb does not extend to end of Approach Slab. 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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DESCRIPTION:

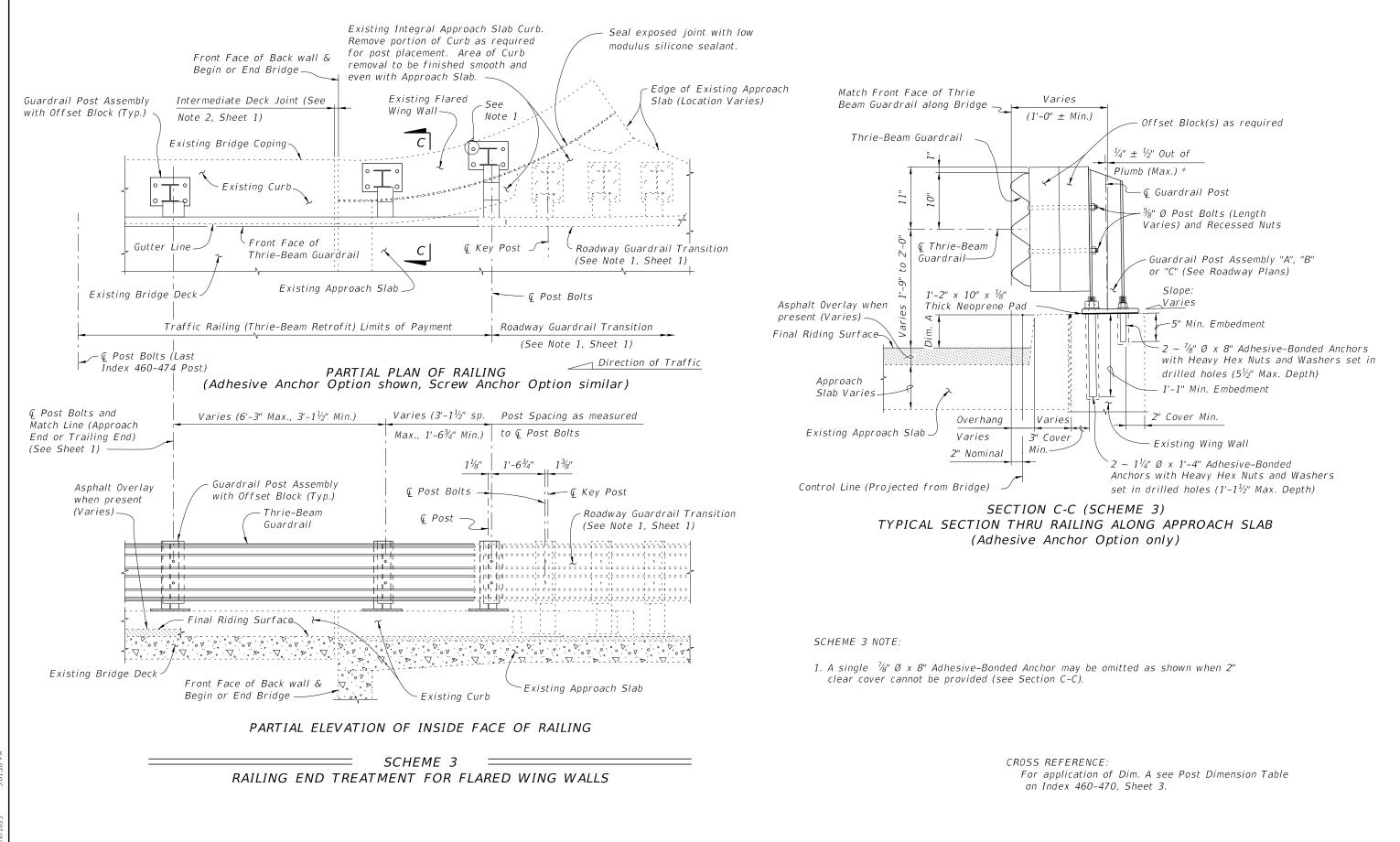
FY 2026-27 STANDARD PLANS

TRAFFIC RAILING - (THRIE-BEAM RETROFIT) INTERMEDIATE CURB

INDEX

SHEET

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DESCRIPTION:

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