

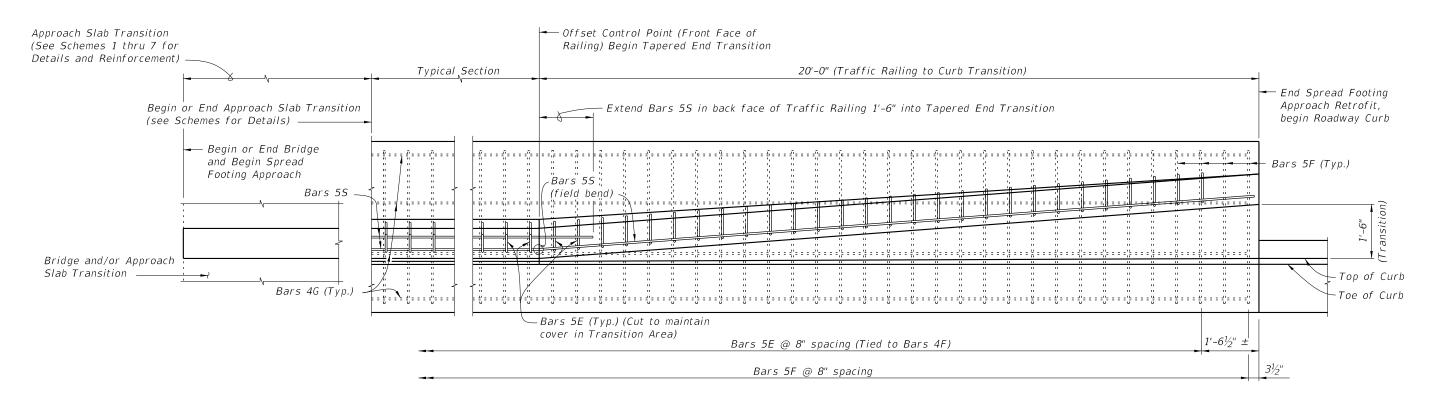
CROSS REFERENCES:

For General Notes, Dowel Details, Expansion Dowel Details, Reinforcing Steel Notes and Reinforcing Steel Bending Diagram see Index 521-480.

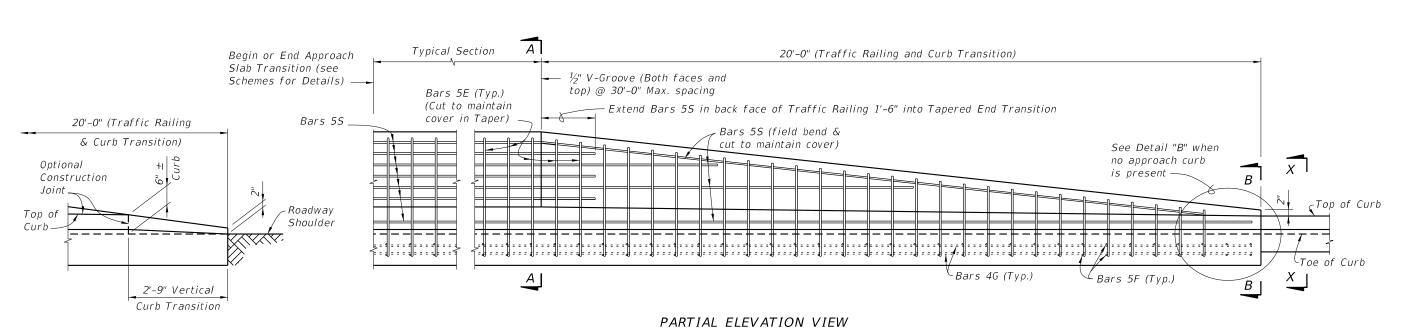
REVISION 07/01/09

DESCRIPTION:

FDOT



PARTIAL PLAN VIEW



DETAIL "B" TRANSITION TO NON-CURB APPROACH (Reinforcing Not Shown For Clarity)

TAPERED END TRANSITION =

CROSS REFERENCES: For Section A-A, B-B and X-X see Sheet 4.

REVISION 07/01/09

FDOT

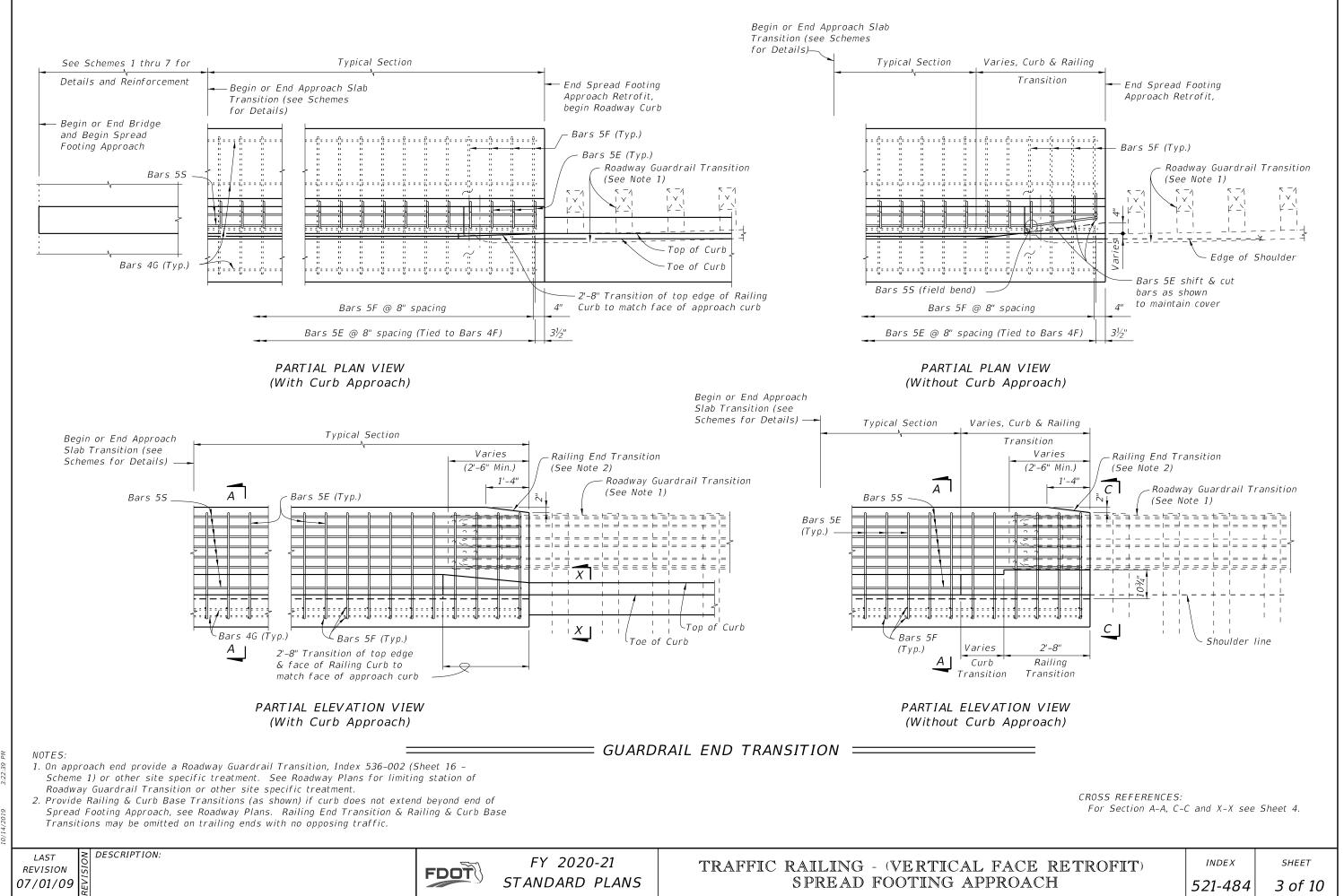
FY 2020-21

TRAFFIC RAILING - (VERTICAL FACE RETROFIT) SPREAD FOOTING APPROACH

INDEX

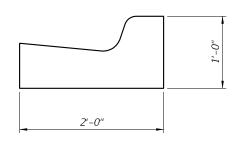
SHEET

521-484 2 of 10



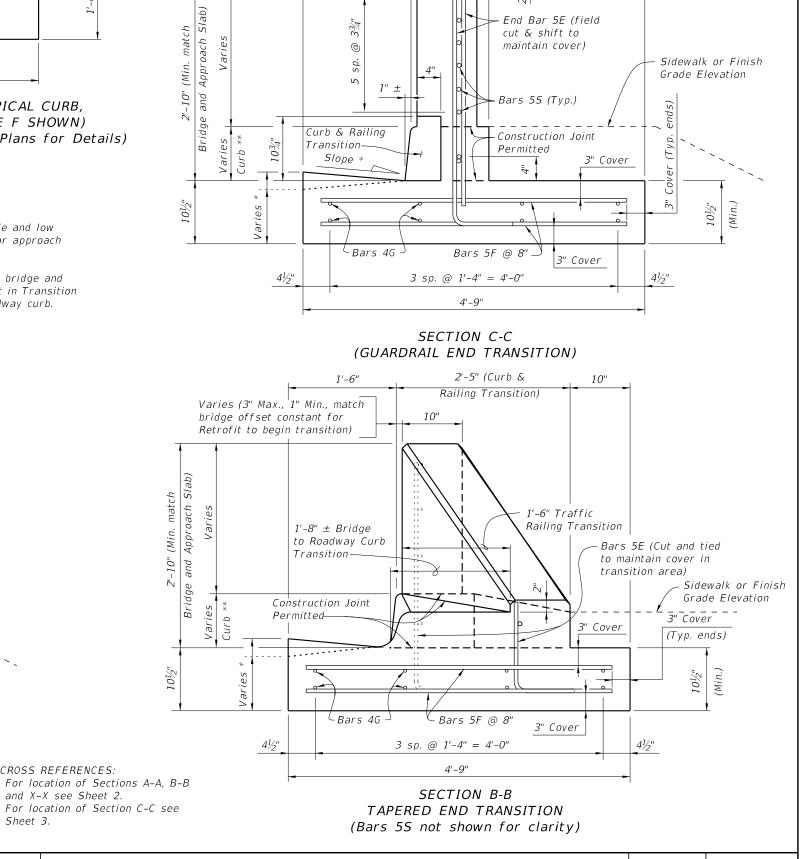
ESTIMATED TRAFFIC RAILING RETROFIT SPREAD FOOTING APPROACH QUANTITIES		
ITEM	UNIT	QUANTITY
		9" Curb
Concrete - Typical Section	CY/Ft.	0.25
Reinforcing Steel – Typical Section	Lb./Ft.	38
Concrete - 20'-0" Tapered End Transition plus Footing	CY	4.57 Total
Reinforcing Steel – 20'–0" Tapered End Transition plus Footing	Lb.	776 Total

NOTE: Quantities are based on a 9" curb, no curb cross slope.



SECTION X-X (TYPICAL CURB, TYPE VARIES, TYPE F SHOWN) (See Index 520-001 and Plans for Details)

- * Match Cross Slope of high side and low side at begin or end bridge or approach
- ** Match curb height of adjacent bridge and approach slab. Adjust height in Transition area to match adjoining Roadway curb.



1'-1"

10"

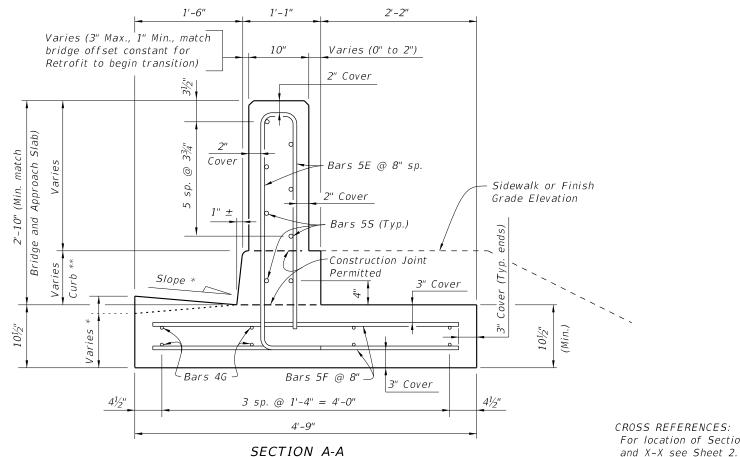
1'-6"

Varies (3" Max., 1" Min., match

bridge offset constant for Retrofit to begin Curb & Railing Transition) 2'-2"

Varies (0" to 2")

– End Bar 5E (field cut & shift to

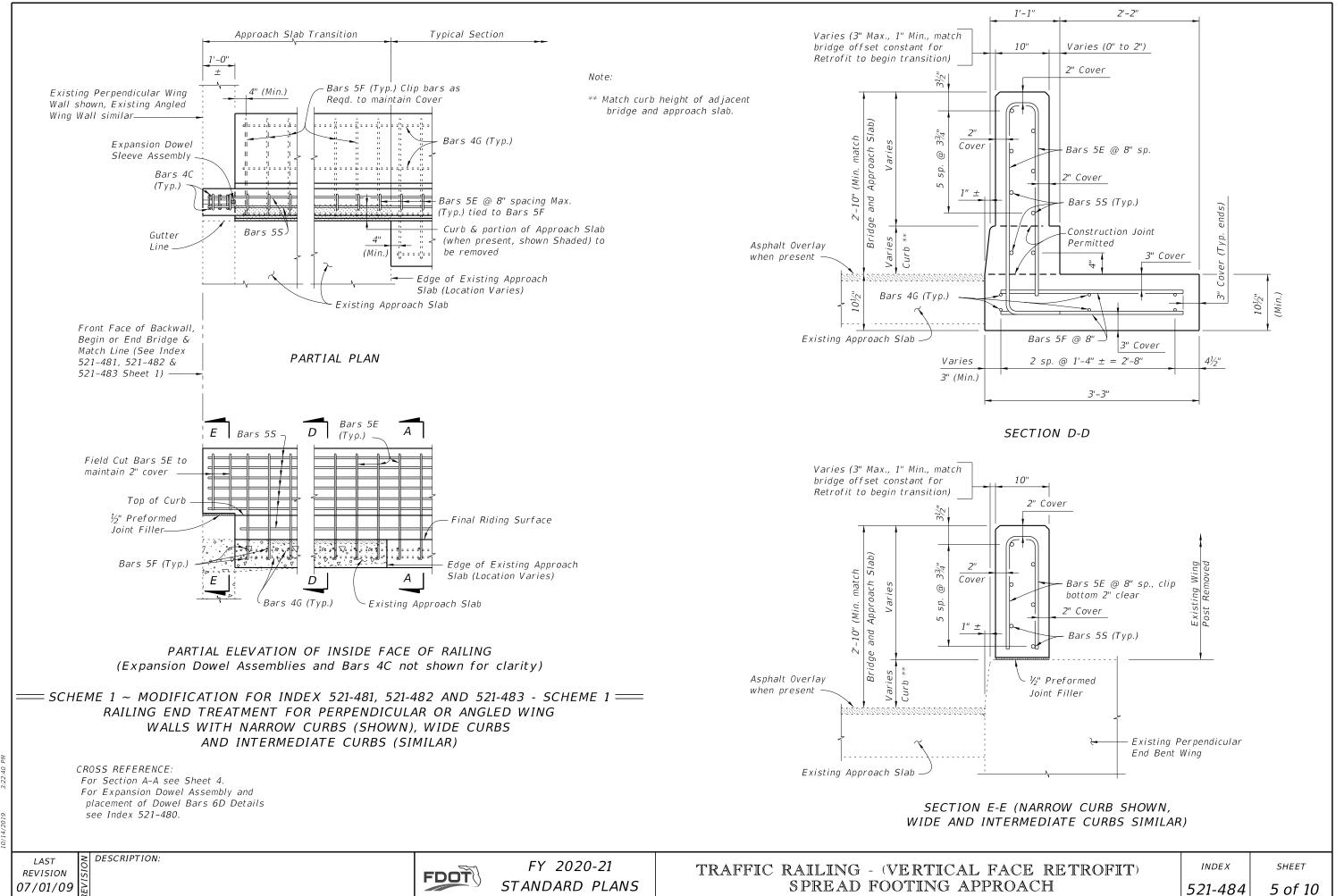


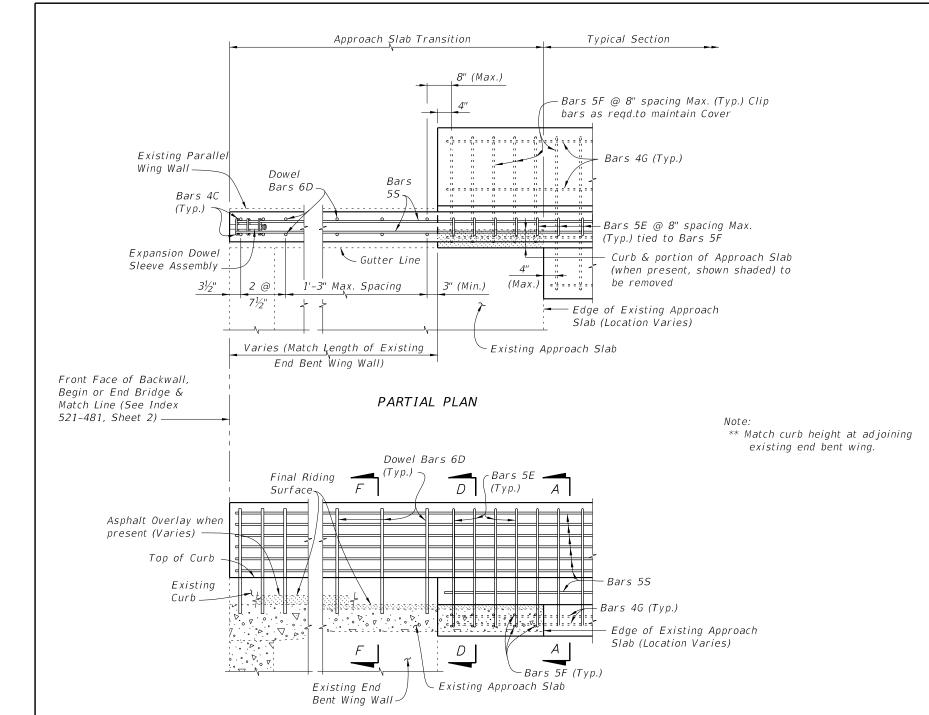
SECTION A-A TYPICAL SECTION (9" Curb shown, 6" Curb similar)

FY 2020-21 STANDARD PLANS

Sheet 3.

DESCRIPTION:

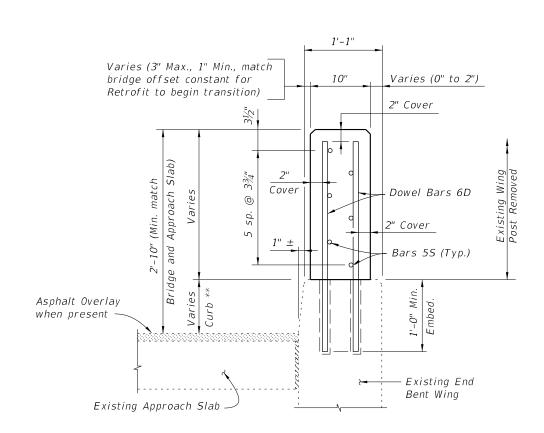




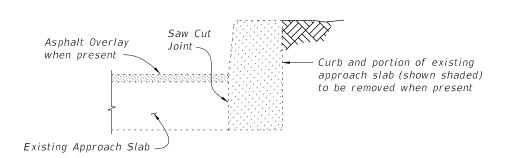
PARTIAL ELEVATION OF INSIDE FACE OF RAILING (Expansion Dowel Assemblies and Bars 4C not shown for clarity)

SCHEME 2 ~ MODIFICATION FOR INDEX 521-481 - SCHEME 2 ====== RAILING END TREATMENT FOR PARALLEL WING WALLS WITH NARROW CURBS

1. Remove existing concrete along saw cut joints. Existing reinforcing steel may be cut at joint or extended into new concrete. Exposed existing reinforcing not encased in new concrete shall be removed 1" below existing concrete surface and grouted over.



SECTION F-F



SECTION THRU EXISTING CURB AND APPROACH SLAB TO BE REMOVED (Free Standing Curb Similar)

CROSS REFERENCES:

For Section A-A see Sheet 4. For Section D-D see Sheet 5. For Expansion Dowel Assembly and placement of Dowel Bars 6D Details see Index 521-480.

REVISION 07/01/09

DESCRIPTION:

FDOT

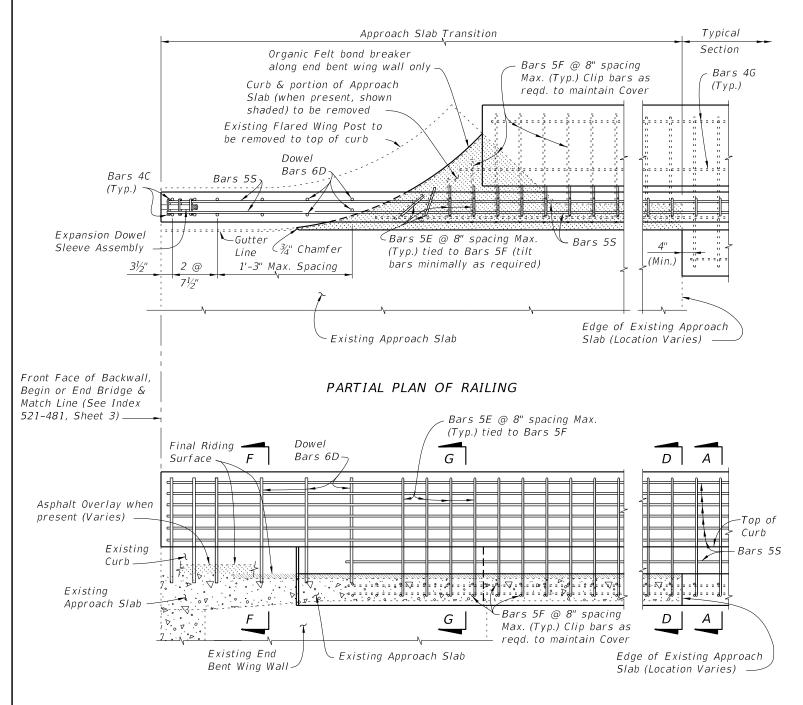
FY 2020-21 STANDARD PLANS

TRAFFIC RAILING - (VERTICAL FACE RETROFIT) SPREAD FOOTING APPROACH

INDEX

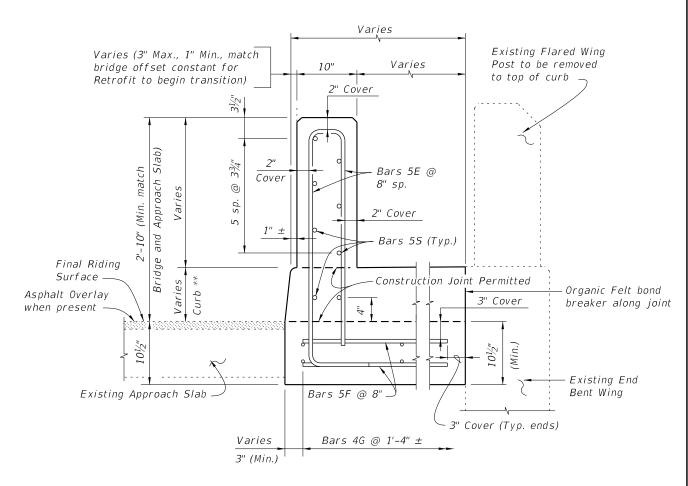
SHEET

521-484 6 of 10



PARTIAL ELEVATION OF INSIDE FACE OF RAILING (Expansion Dowel Assemblies and Bars 4C not shown for clarity)

SCHEME 3 ~ MODIFICATION FOR INDEX 521-481 SCHEME 3 ====== RAILING END TREATMENT FOR FLARED WING WALLS WITH NARROW CURBS



SECTION G-G

Note:

** Match curb height at adjoining existing end bent wing.

CROSS REFERENCES:

For Section A-A see Sheet 4.

For Section D-D see Sheet 5. For Section F-F see Sheet 6.

For Expansion Dowel Assemblies Details and placement of Dowel Bars 6D see Index 521-480.

REVISION 11/01/16

FDOT

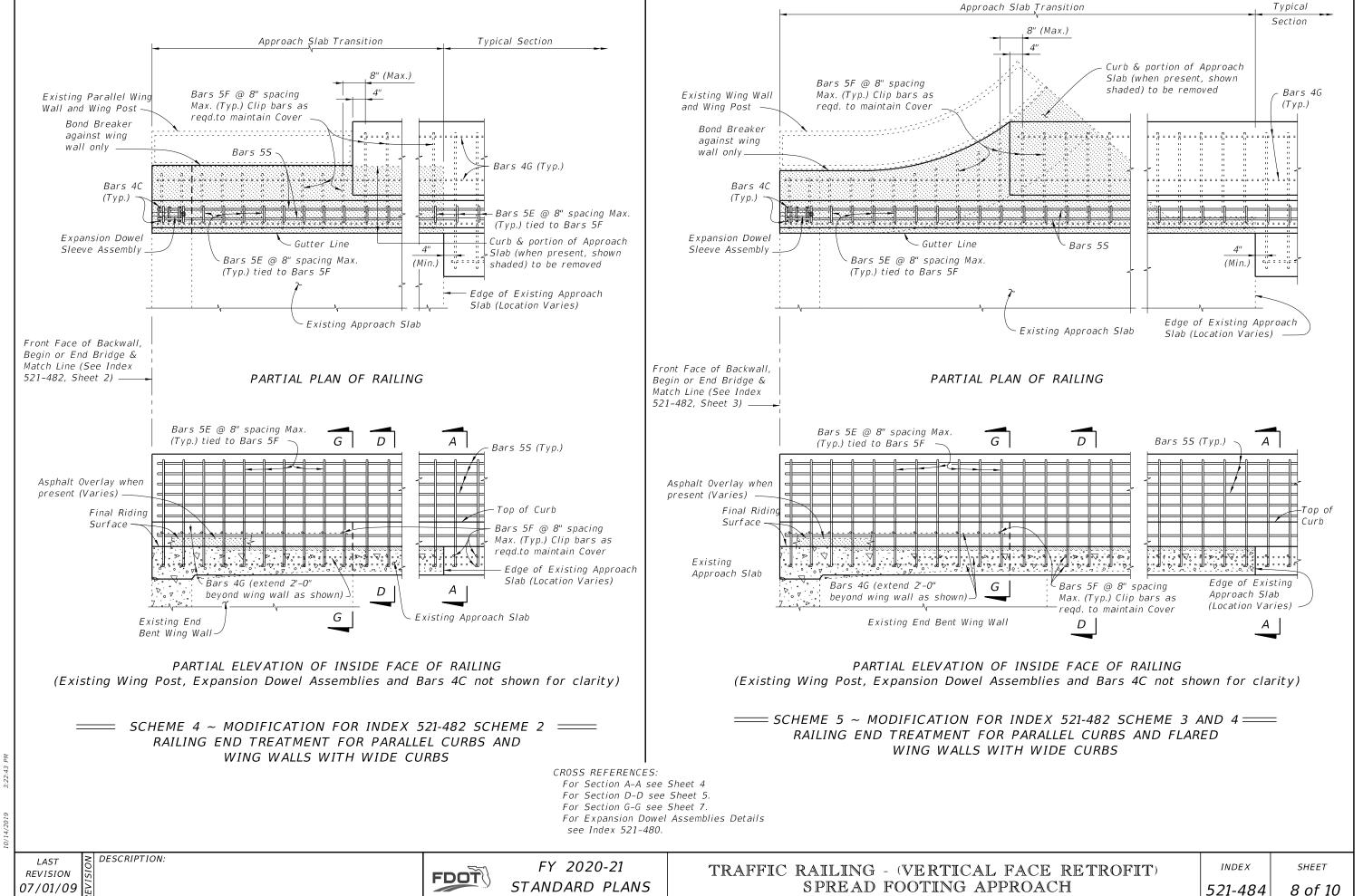
FY 2020-21 STANDARD PLANS

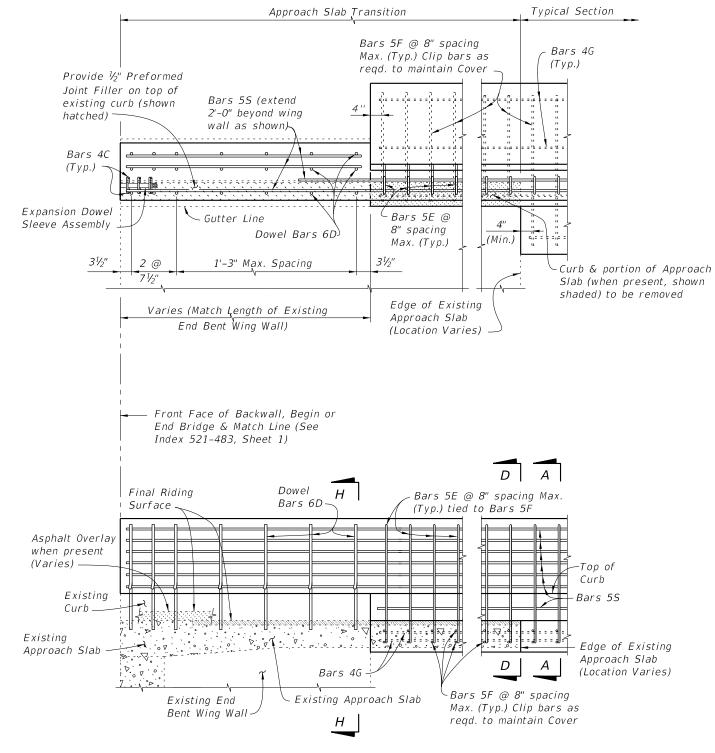
SPREAD FOOTING APPROACH

INDEX

SHEET

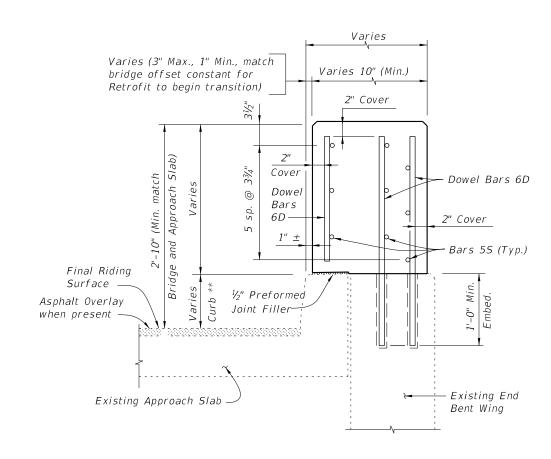
521-484 7 of 10





PARTIAL ELEVATION OF INSIDE FACE OF RAILING (Expansion Dowel Assemblies and Bars 4C not shown for clarity)

= SCHEME 6 ~ MODIFICATION FOR INDEX 521-483 SCHEME 2 ===== RAILING END TREATMENT FOR PARALLEL CURBS AND WING WALLS WITH INTERMEDIATE CURBS



SECTION H-H

Note:

** Match curb height at adjoining existing end bent wing.

CROSS REFERENCES:

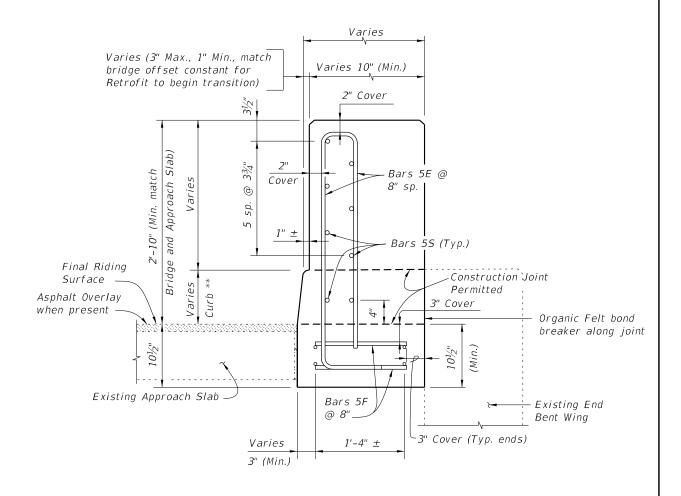
For Section A-A see Sheet 4. For Section D-D see Sheet 5. For Expansion Dowel Assembly and placement of Dowel Bars 6D Details see Index 521-480.

REVISION 07/01/09

DESCRIPTION:

FDOT

FY 2020-21 STANDARD PLANS



SECTION I-I

** Match curb height at adjoining existing end bent wing.

CROSS REFERENCES:

For Section A-A see Sheet 4. For Section D-D see Sheet 5. For Section H-H see Sheet 9. For Expansion Dowel Assemblies and placement of Dowel Bars 6D Details

see Index 521-480.

REVISION 11/01/16

FDOT

FY 2020-21

DESCRIPTION: