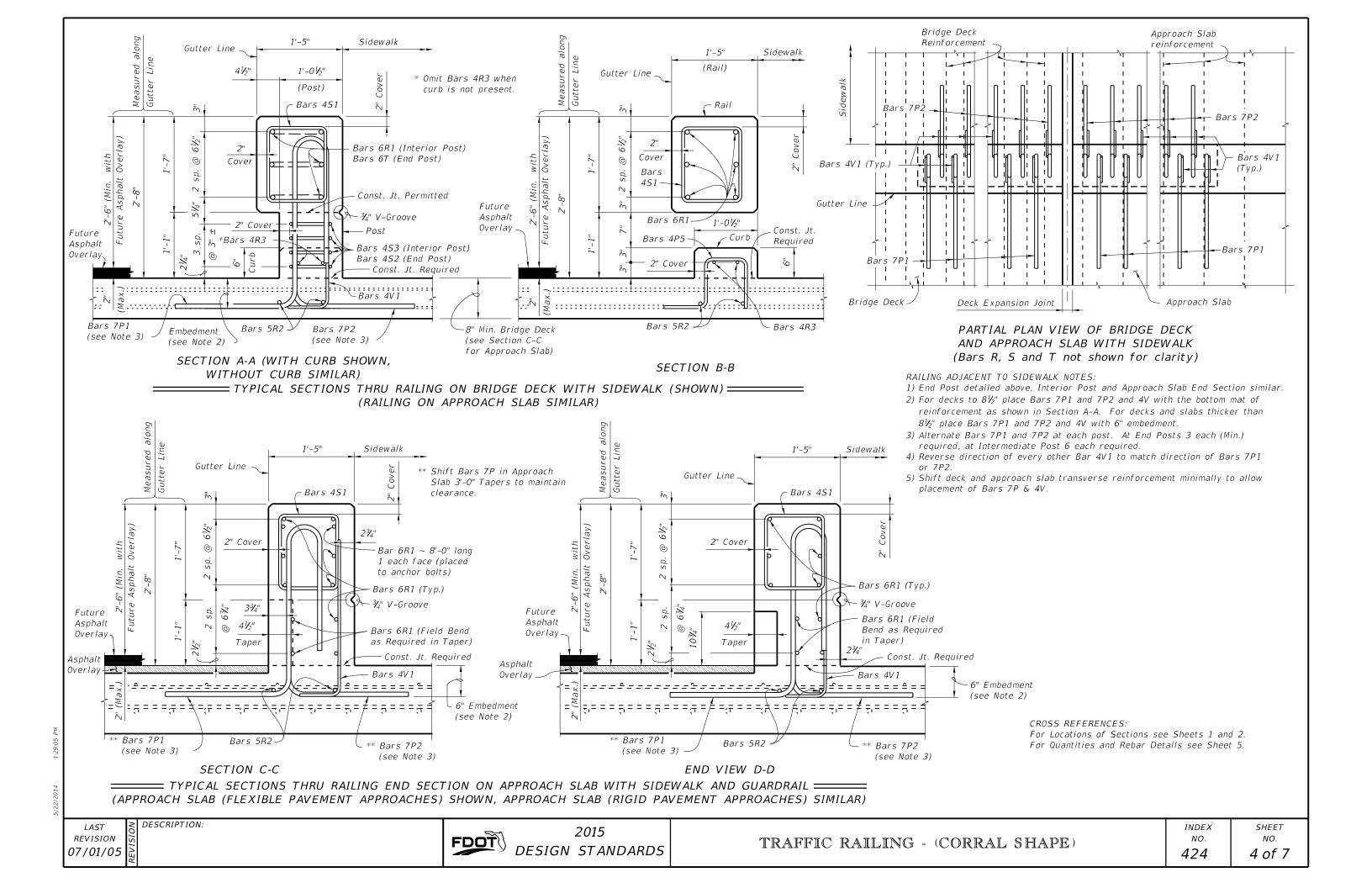
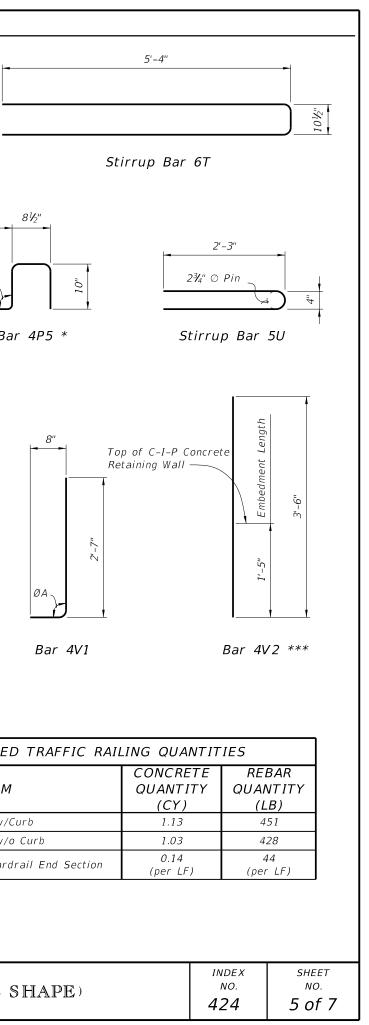
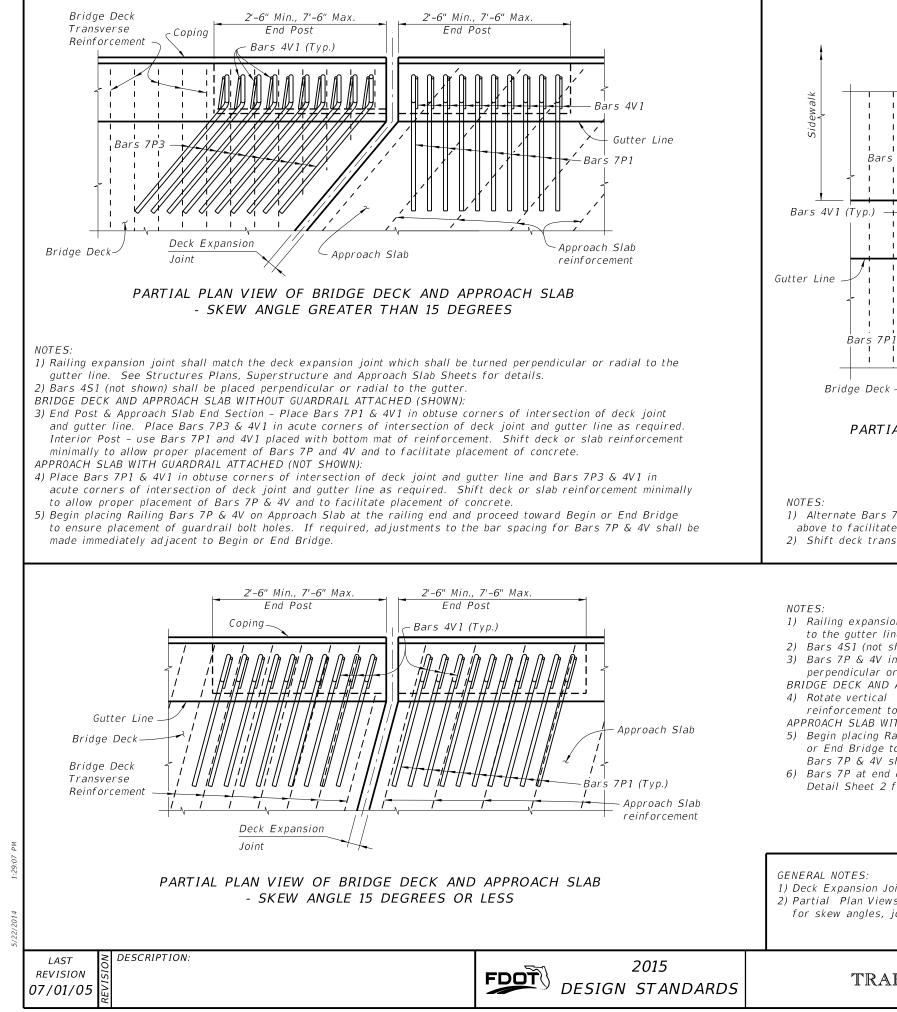


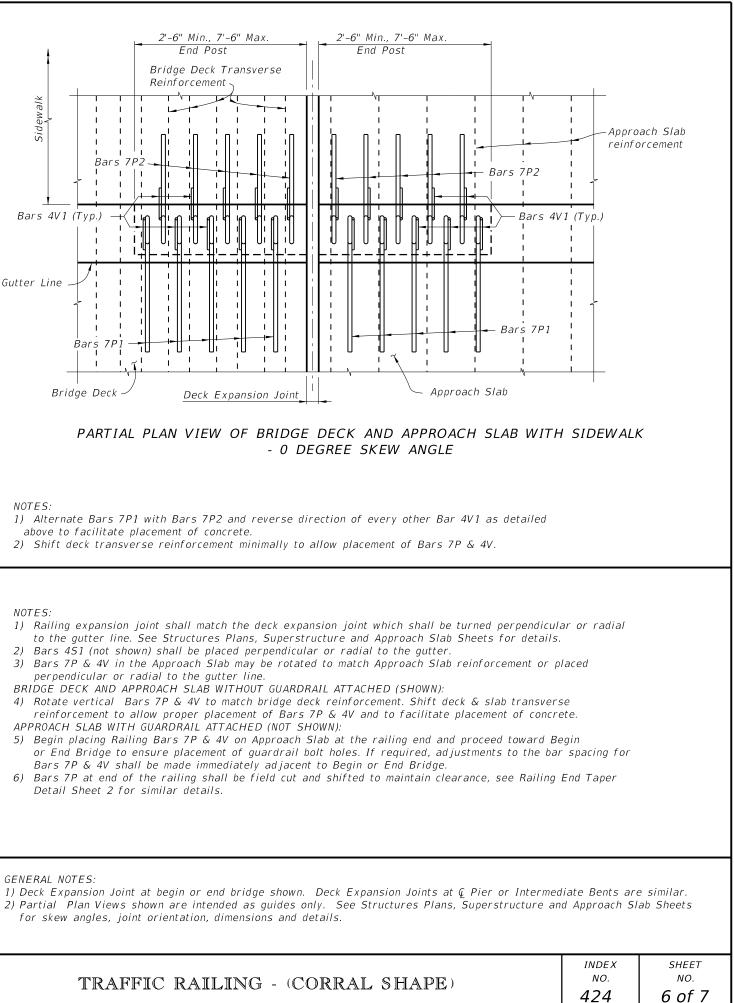
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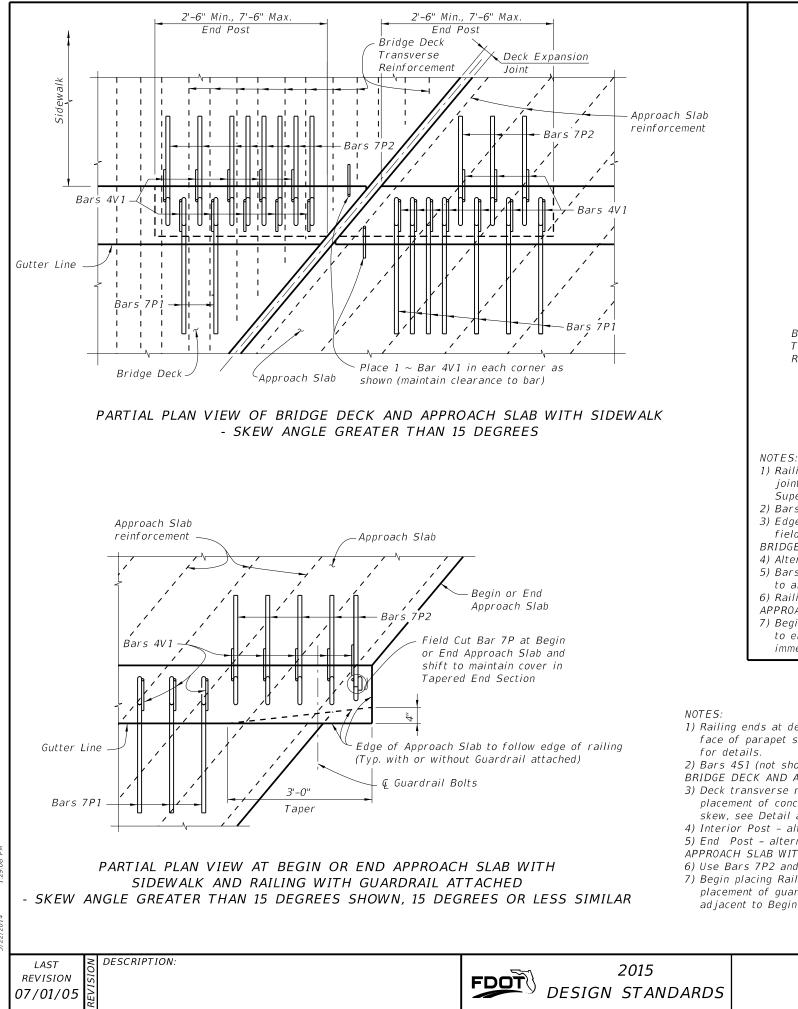


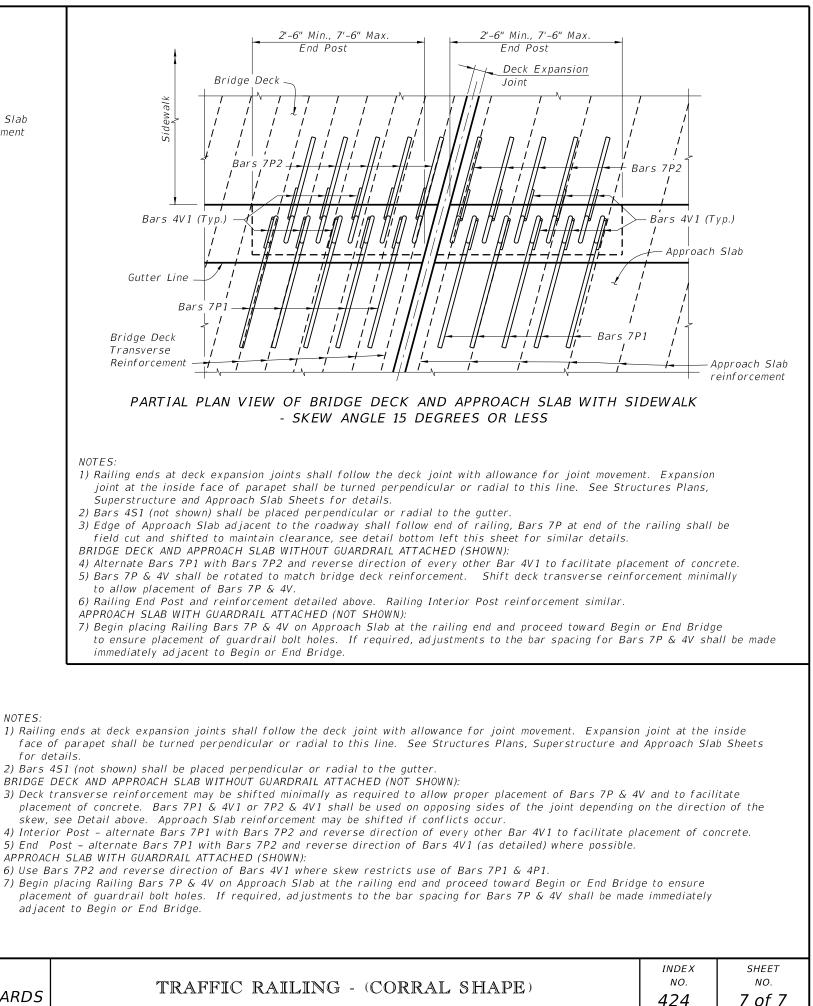
					CONVENTIC	NAL REINFORG	CING STEEL I	BENDING	DIAGRAMS		
BILL OF	REIN	FORCING	STEEL		1'-0''	8 <sup>1</sup> /2"	1-		4'-8"	- 1	
MARK	SIZE	LENGTH	LB/BAR								-
Ρ1	7	7'-4''	15.00							)	<u> </u>
P2	7	7'-3"	14.82	Bars 6R1, 5R2 & 4R3 *						J	81/2"
Р3	7	7'-2"	14.65	Length As Required	"S-"J"		<sup>2'-2"</sup> , Max.				
*** P4	7	7'-3"	14.82				<u>− 2'</u>		Stirrup Bai	r 453	
* P5	4	2'-11"	1.94				Varies 7'-				
R1	6	As Reqd.	1.5 (LB/LF)	Bars 6R1, 5R2 & 4R3	Stirrup Bar 4S1	$\bigcirc_{-}$	<u> </u>				. 8"
R2	5	As Reqd.	1.04 (LB/LF)			Stirrup Bar	452				
* R3	4	As Reqd.	0.67 (LB/LF)			Stirrap Bar	152		2'-1"		
** 51	4	5'-0''	3.34					L			ØA
** 52	4	Varies 6'-3" Min. 16'-3" Max.	Varies 4.18 Min. 10.86 Max.	2'-1" 7"	-	<u>2'-0''</u>			Ī	51	∟ <u>ŕ</u> Ba
** 53	4	11'-3"	7.52								DU
Т	6	11'-4"	17.02						<i>.</i> €		
U	5	4'-8''	4.87		=	=			2'-9"		
V 1	4	3'-2''	2.12	-10"	2'-1" 2'-10"	2'-1					
*** V2	4	3'-6"	2.34	2'-	2'-			Parallel to	Ioint ØA	5	
		are to be u. ng Walls.	sed on C-I-P	Bar 7P1	Ba	r 7P2	Structures I Superstructi	ure Sheets) E 3 7"	∕ Bar 7P3 (Re Dimensiona		
REINFORC 1. All bar			ending diagrams	s are out to out.	SIDEWALK S	IGH LOW IDE SIDE ØA ØA					
				–P Concrete Retaining Wall 8" deck with ØA = 90°,	0% to 2%	90° 90°			1		
where a	applicabl	e. If bottom	n horizontal leg	is of Bars 7P1, 7P3 and 4V1 be substituted for Bars 7P1,	2% to 6%	93° 87°	Top of C-I-P		2'-		
7P3 and	d 4V1 as	shown.		nall have a 2" minimum cover	6% to 10%	96° 84°	Concrete Retaining				
unless otherwise noted. 4. At Construction Joints Bars 6R1, 5R2 and 4R3 may be continuous or					ØA shall be 90° if Contr		Wall				ESTIMATE
<i>spliced.</i> Where bars are spliced provide a 2'-6" Min. lap length for Bar 6R1, a 2'-0" Min. lap length for Bars 5R2 and a 1'-3" Min. lap length for Bars 4R3.					to place Railing Perpend the Deck.	dicular to			Length 4'-10"		ITEM
5. The sk	ew angle	e for Bars 7		om joint to joint and side ure Sheets for details.					-6" ent Le	Typical 10	0'-0" Section w/
10 3100,		actares ria	, Superstruct	and Sheets for actuins.					Z'-6" Embedment	Typical 10	0'-0" Section w/
									Embé	Approach	Slab with Guard
								Bar 7P4 *	<u> </u>		
LAST REVISION <b>07/01/05</b>	ISIO	RIPTION:				2015 STANDARDS		TRAF	FIC RAI	ILING - (C	CORRAL

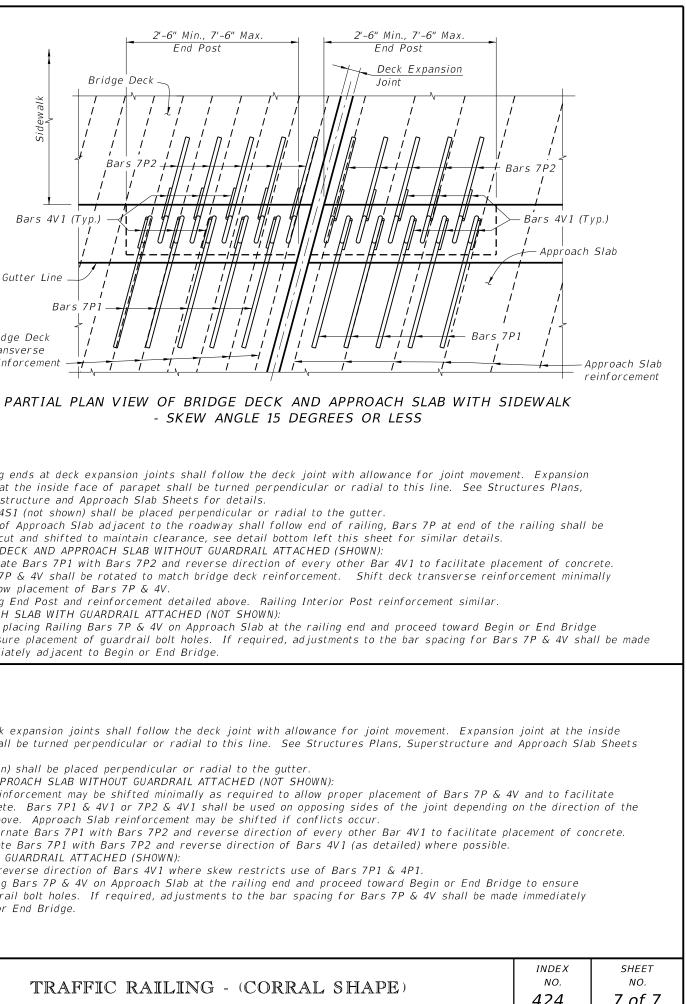












- Superstructure and Approach Slab Sheets for details.

- APPROACH SLAB WITH GUARDRAIL ATTACHED (NOT SHOWN):
- immediately adjacent to Begin or End Bridge.
- 2) Bars 4S1 (not shown) shall be placed perpendicular or radial to the gutter.
- BRIDGE DECK AND APPROACH SLAB WITHOUT GUARDRAIL ATTACHED (NOT SHOWN):

- APPROACH SLAB WITH GUARDRAIL ATTACHED (SHOWN):
- - adjacent to Begin or End Bridge.