


INDEX	
SHEET NO.	SUBJECT
1	RCBA Extension for Bridge Railing Transition Index and General Notes
2	RCBA Extension for Bridge Railing Transition Plan, Section A-A Details, and RCBA Extension Dimensions
3	RCBA Extension for Bridge Railing Transition Bill of Materials, Bar Bending, and Section B-B Details

GENERAL NOTES:

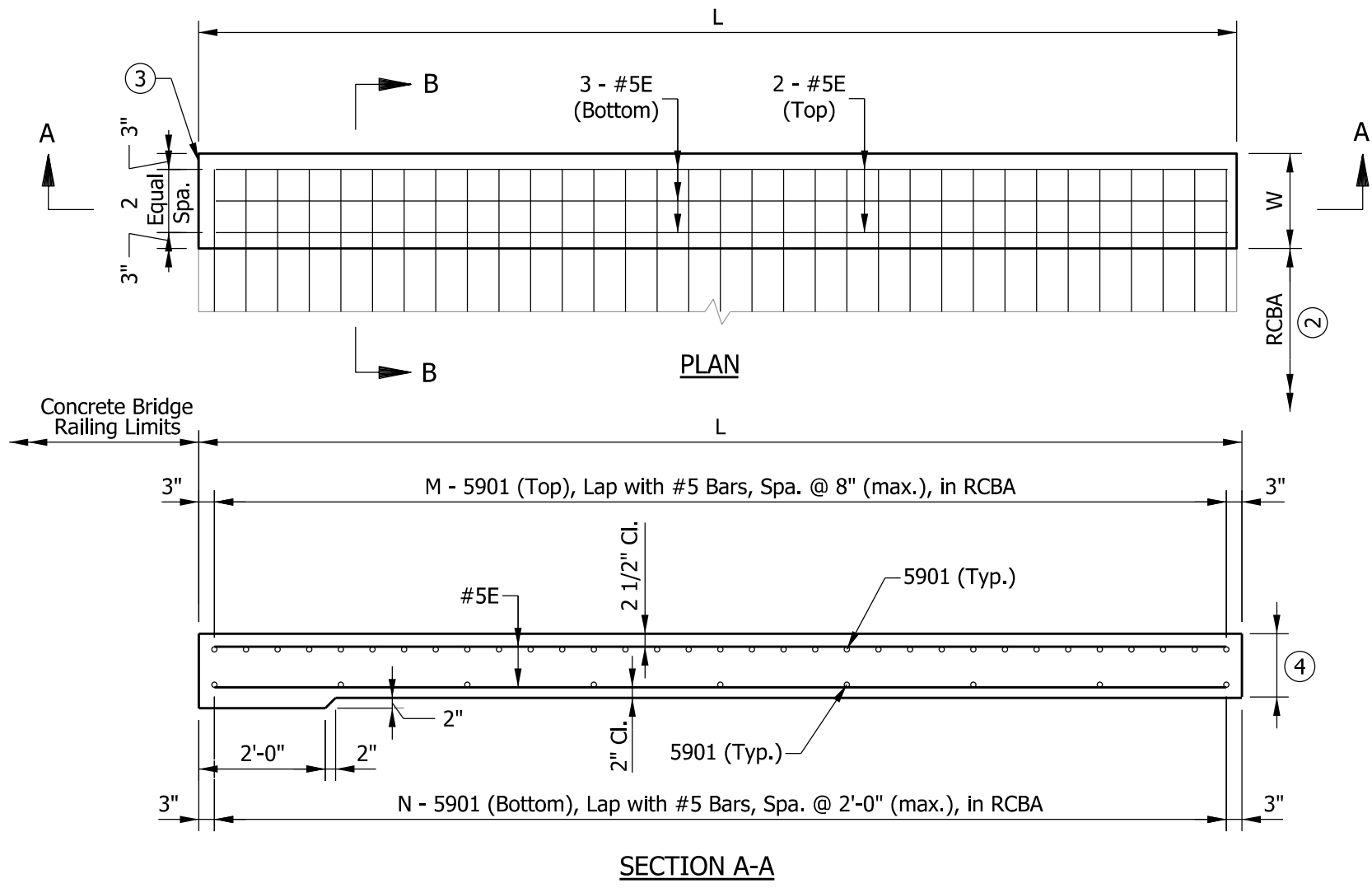
1. All reinforcing bars shall be epoxy coated.
2. See Standard Drawing series E 609-RCBA for reinforced concrete bridge approach slab details.

INDIANA DEPARTMENT OF TRANSPORTATION	
RCBA EXTENSION FOR BRIDGE RAILING TRANSITION INDEX AND GENERAL NOTES SEPTEMBER 2021	
STANDARD DRAWING NO. E 609-TBAE-01	
	<p><i>Jeremy C. Hunter</i> 3/16/2021 DESIGN STANDARDS ENGINEER DATE</p> <p><i>[Signature]</i> 03/17/2021 CHIEF ENGINEER DATE</p>

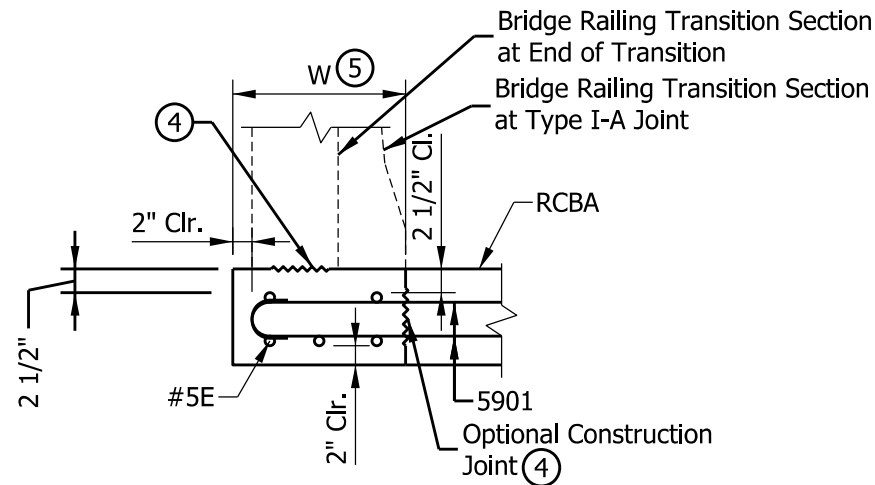
RCBA EXTENSION DIMENSIONS				
Transition	Length, L	Width, W	No. Top Bars, M	No. Bottom Bars, N
TFC	15'-10"	1'-6"	24	9
TFT	20'-2"	1'-6"	31	11
TPF-1	15'-10"	1'-0"	24	9
TPS-1	15'-10"	1'-0"	24	9
TTF-2	20'-2"	1'-6"	31	11
TTX	20'-6"	1'-2"	31	11

NOTES:

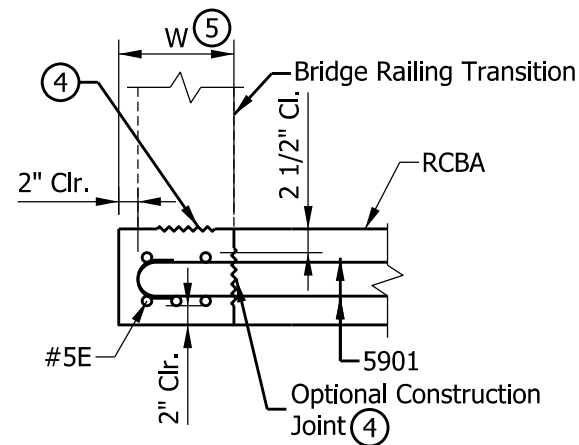
1. Typical concrete bridge railing transition reinforcing not shown for clarity.
2. See Standard Drawing series E 609-RCBA and the plans for reinforced concrete bridge approach details.
3. The end of the reinforced concrete bridge approach extension shall match the construction at the bridge end as shown on the plans.
4. See the plans for thickness of RCBA and its extension.



INDIANA DEPARTMENT OF TRANSPORTATION	
RCBA EXTENSION FOR BRIDGE RAILING TRANSITION PLAN, SECTION A-A DETAILS, AND RCBA EXTENSION DIMENSIONS SEPTEMBER 2021	
STANDARD DRAWING NO. E 609-TBAE-02	
	<p><i>Jeremy C. Hunter</i> 3/16/2021 DESIGN STANDARDS ENGINEER DATE</p> <p><i>[Signature]</i> 03/17/2021 CHIEF ENGINEER DATE</p>



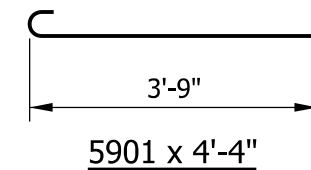
SECTION B-B
 (Bridge Railing Transitions Type (2))



SECTION B-B
 (Bridge Railing Transitions Type (3))

NOTES:

1. See Standard Drawing series E 703-BRST for reinforcing bar bending details and notes.
- (2) • See Standard Drawing series E 706-TTFC for concrete bridge railing transition type TFC details.
 • See Standard Drawing series E 706-TTFT for concrete bridge railing transition type TFT details.
- (3) • See Standard Drawing series E 706-TTPP for concrete bridge railing transition type TPF-1 and type TPS-1 details.
 • See Standard Drawing series E 706-TTTF for concrete bridge railing transition type TTF-2 details.
 • See Standard Drawing series E 706-TTXX for concrete bridge railing transition type TTX details.
- (4) Construction joint type A. See Standard Drawing series E 702-CJTA for details.
- (5) See RCBA Extension Dimensions Table for width.



BILL OF MATERIALS FOR TYPE TPS-1			
Quantities are for one RCBA extension			
EPOXY COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	33	4'-4"	149
#5	5	15'-6"	81
Total Epoxy Coated Reinforcing Bars			230 LBS
MISCELLANEOUS			
RCBA Extension Area			1.8 SYS

BILL OF MATERIALS FOR TYPE TFC			
Quantities are for one RCBA extension			
EPOXY COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	33	4'-4"	149
#5	5	15'-6"	81
Total Epoxy Coated Reinforcing Bars			230 LBS
MISCELLANEOUS			
RCBA Extension Area			2.6 SYS

BILL OF MATERIALS FOR TYPE TPF-1			
Quantities are for one RCBA extension			
EPOXY COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	33	4'-4"	149
#5	5	15'-6"	81
Total Epoxy Coated Reinforcing Bars			230 LBS
MISCELLANEOUS			
RCBA Extension Area			1.8 SYS

BILL OF MATERIALS FOR TYPE TTF-2			
Quantities are for one RCBA extension			
EPOXY COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	42	4'-4"	190
#5	5	19'-10"	103
Total Epoxy Coated Reinforcing Bars			293 LBS
MISCELLANEOUS			
RCBA Extension Area			3.4 SYS

BILL OF MATERIALS FOR TYPE TFT			
Quantities are for one RCBA extension			
EPOXY COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	42	4'-4"	190
#5	5	19'-10"	103
Total Epoxy Coated Reinforcing Bars			293 LBS
MISCELLANEOUS			
RCBA Extension Area			3.4 SYS

BILL OF MATERIALS FOR TYPE TTX			
Quantities are for one RCBA extension			
EPOXY COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	42	4'-4"	190
#5	5	20'-2"	105
Total Epoxy Coated Reinforcing Bars			295 LBS
MISCELLANEOUS			
RCBA Extension Area			2.7 SYS

INDIANA DEPARTMENT OF TRANSPORTATION											
RCBA EXTENSION FOR BRIDGE RAILING TRANSITION BILL OF MATERIALS, BAR BENDING, AND SECTION B-B DETAILS											
SEPTEMBER 2021											
STANDARD DRAWING NO. E 609-TBAE-03											
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