


NOTES


- ① See Standard Drawings E 706-TTFC-01 through -03 for concrete bridge railing transition type TFC details.
- ② See Standard Drawings E 706-TTPP-01 and -02 for concrete bridge railing transition type TPF-1 details.
See Standard Drawings E 706-TTPP-03 and -04 for concrete bridge railing transition type TPF-2 details.
See Standard Drawings E 706-TTPP-05 and -06 for concrete bridge railing transition type TPS-1 details.
See Standard Drawings E 706-TTPP-07 and -08 for concrete bridge railing transition type TPS-2 details.
- 3. See Standard Drawing E 609-TBAE-04 for General Notes .

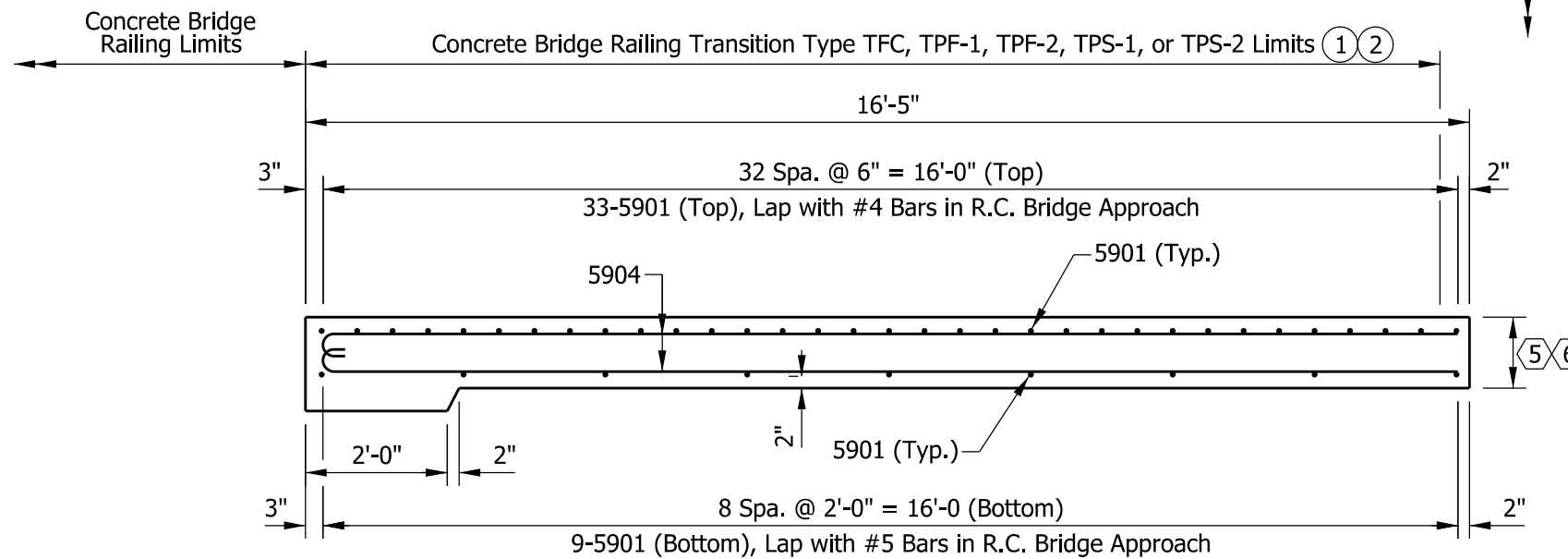
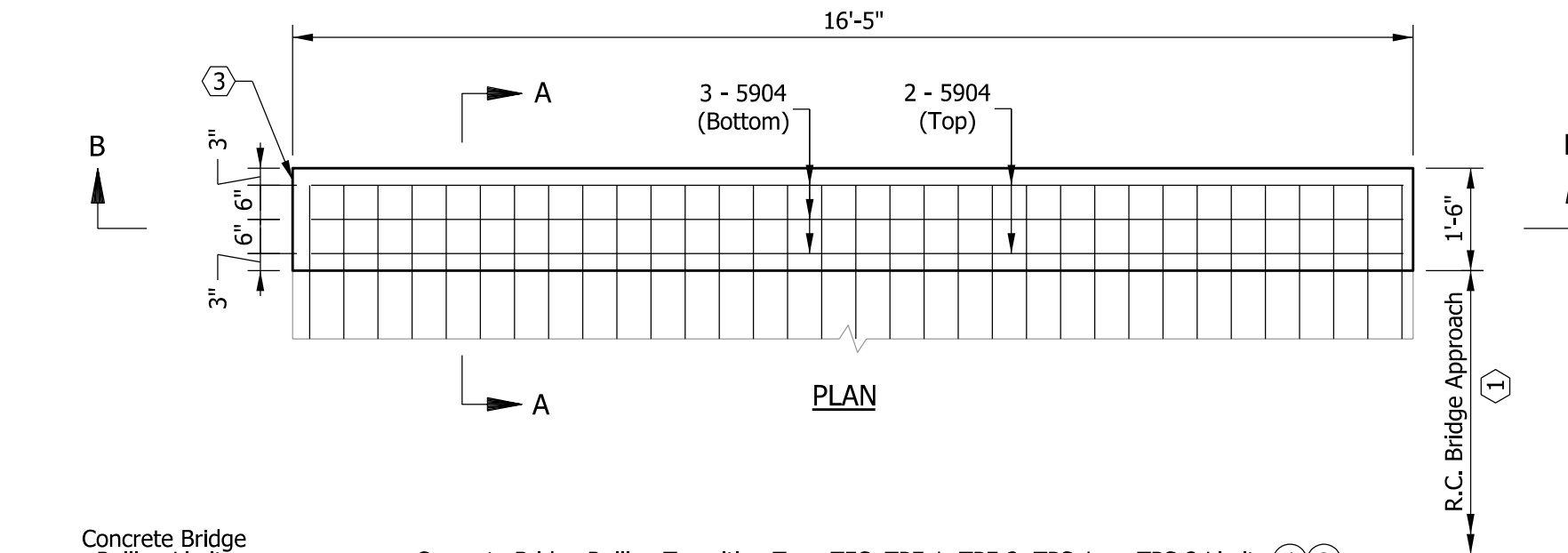
BILL OF MATERIALS			
Quantities are for one RCBA extension			
EPOXY-COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	42	4'-2"	
5904	5	16'-7"	
Total Epoxy-Coated Reinforcing Bars			269 LBS
MISCELLANEOUS			
RCBA Extension Area			2.7 SYS

INDIANA DEPARTMENT OF TRANSPORTATION

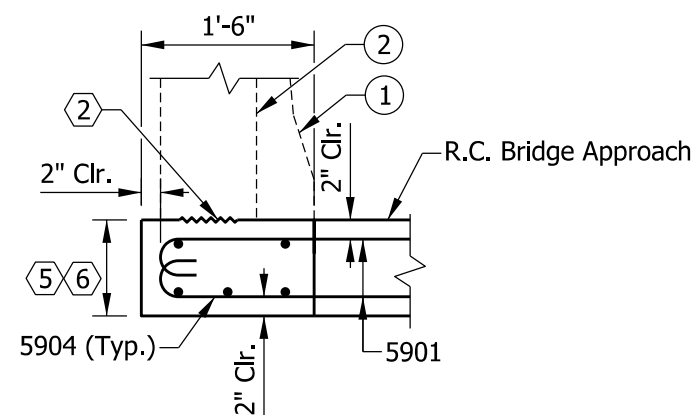
**RCBA EXTENSION FOR
BRIDGE RAILING TRANSITION
TFC, TPF-1, TPF-2, TPS-1, OR TPS-2
SEPTEMBER 2013**

STANDARD DRAWING NO. E 609-TBAE-01

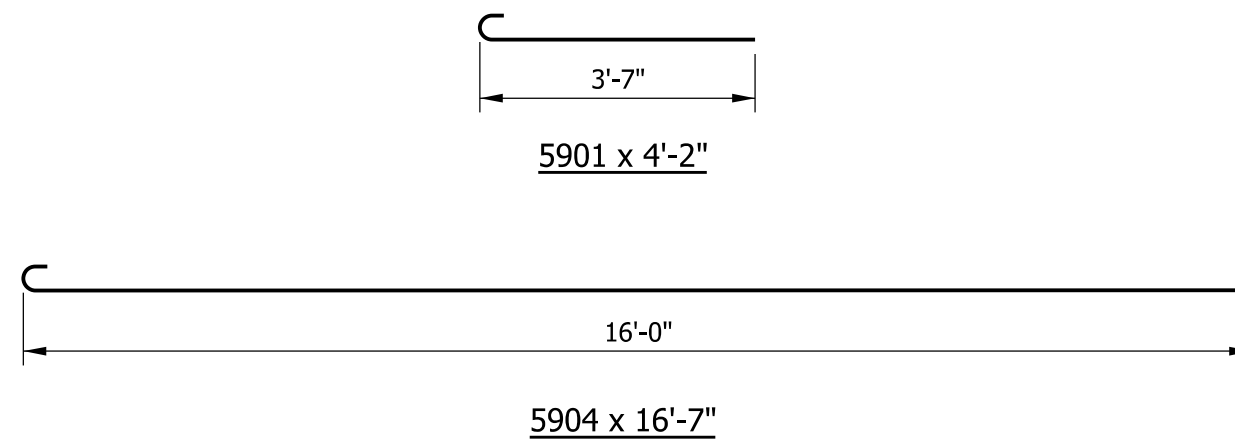
	/s/ Elizabeth W. Phillips	02/28/13
	DESIGN STANDARDS ENGINEER	DATE
	/s/ Mark A. Miller	03/27/13
	CHIEF ENGINEER	DATE

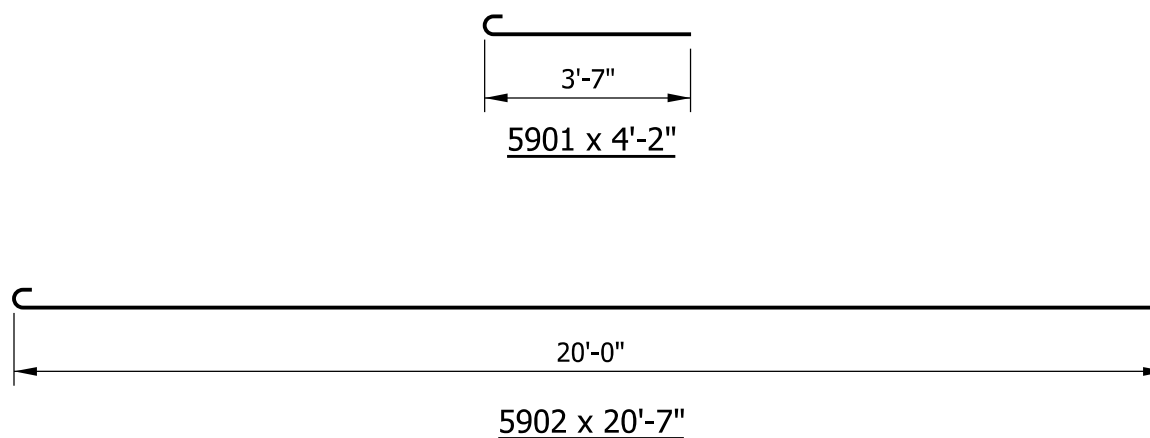
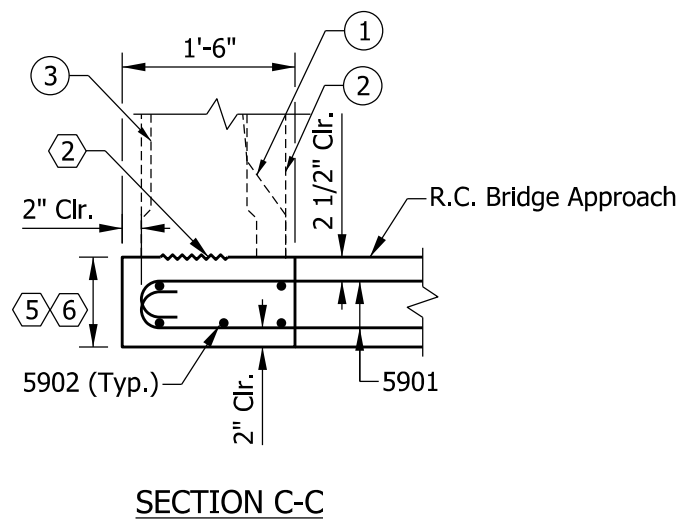
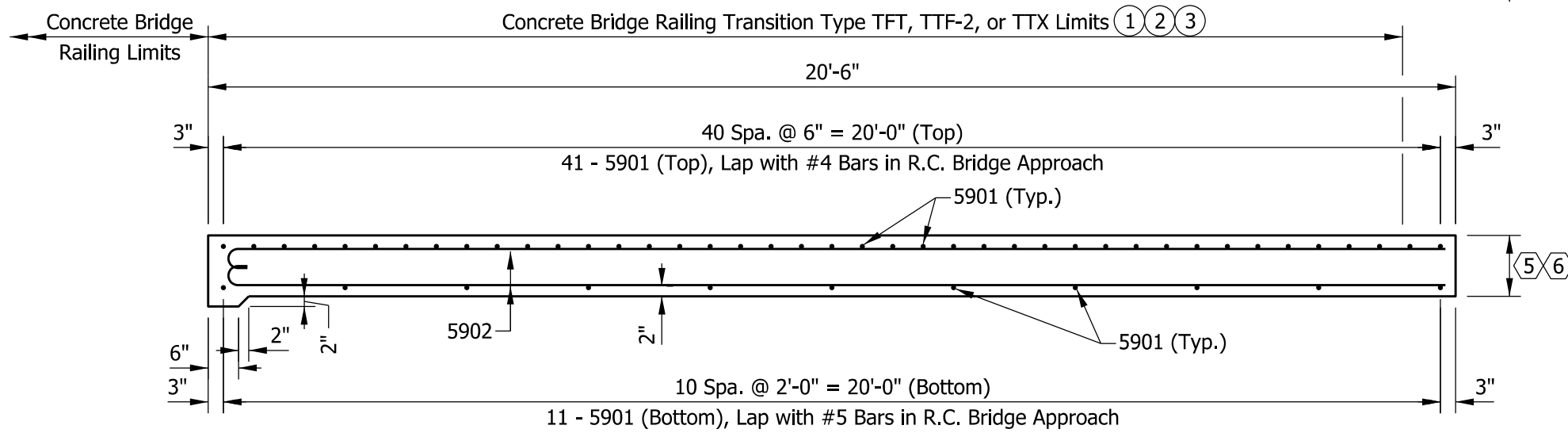
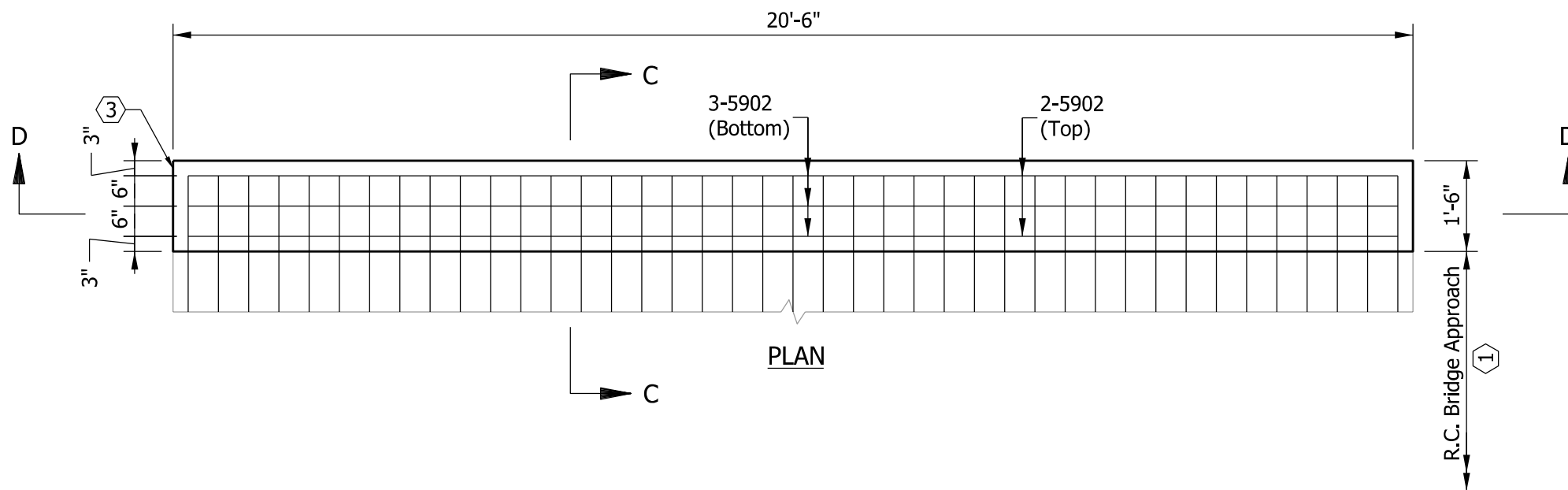


SECTION B-B



SECTION A-A





NOTES

- ① See Standard Drawing E 706-TTFT-01 through -03 for concrete bridge railing transition type TFT details.
- ② See Standard Drawing E 706-TTTF-01 through -04 for concrete bridge railing transition type TTF-2 details.
- ③ See Standard Drawing E 706-TTTX-01 and -02 for concrete bridge railing transition type TTX details.
4. See Standard Drawing E 609-TBAE-04 for General Notes ⑤.

BILL OF MATERIALS

Quantities are for one RCBA extension

EPOXY-COATED REINFORCING BARS

MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5901	52	4'-2"	
5902	5	20'-7"	

Total Epoxy-Coated Reinforcing Bars 333 LBS

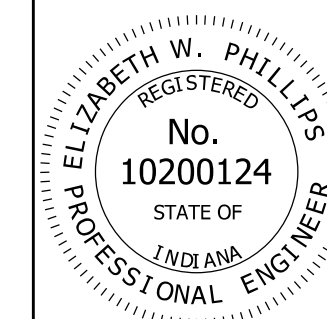
MISCELLANEOUS

RCBA Extension Area	3.4 SYS
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INDIANA DEPARTMENT OF TRANSPORTATION

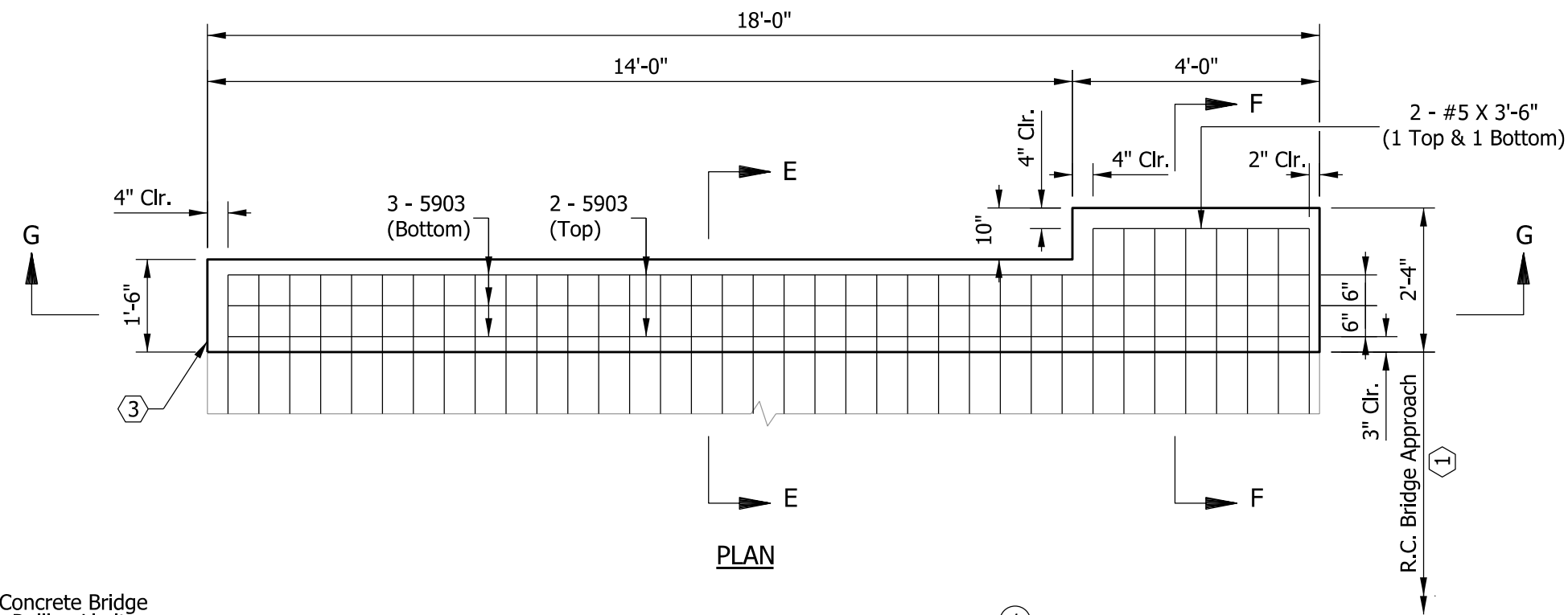
**RCBA EXTENSION FOR
BRIDGE RAILING TRANSITION
TFT, TTF-2, OR TTX
SEPTEMBER 2013**

STANDARD DRAWING NO. E 609-TBAE-02

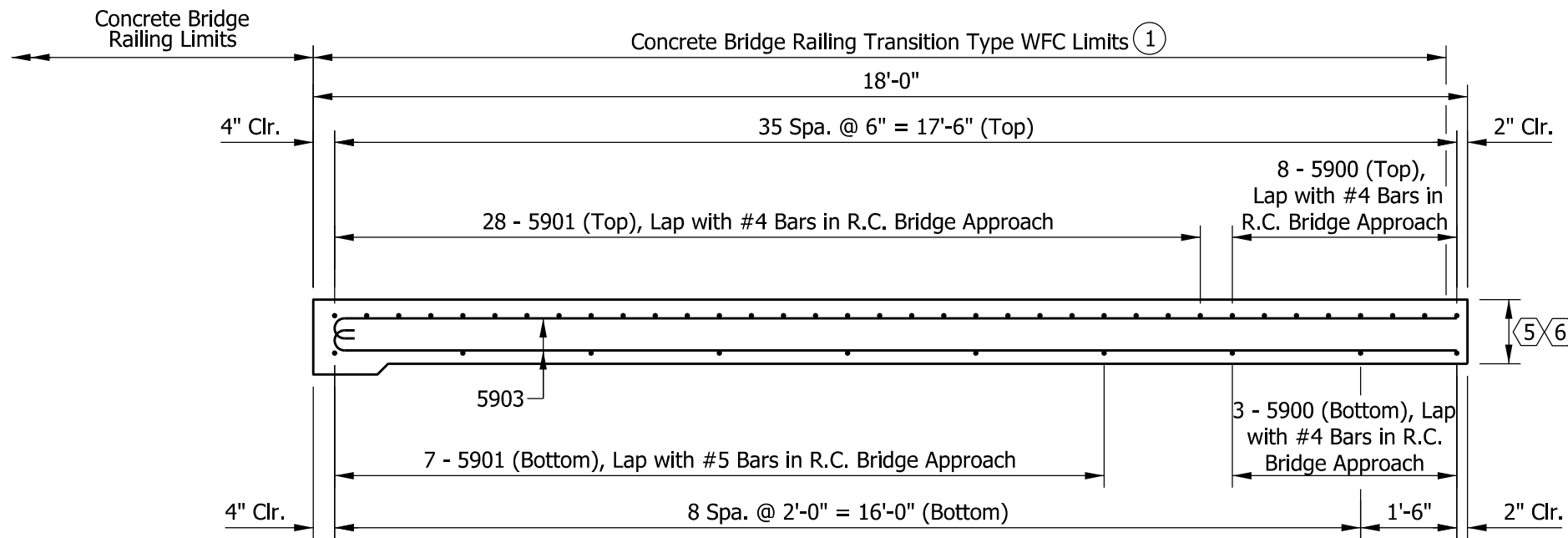


/s/ Elizabeth W. Phillips 02/28/13
DESIGN STANDARDS ENGINEER DATE

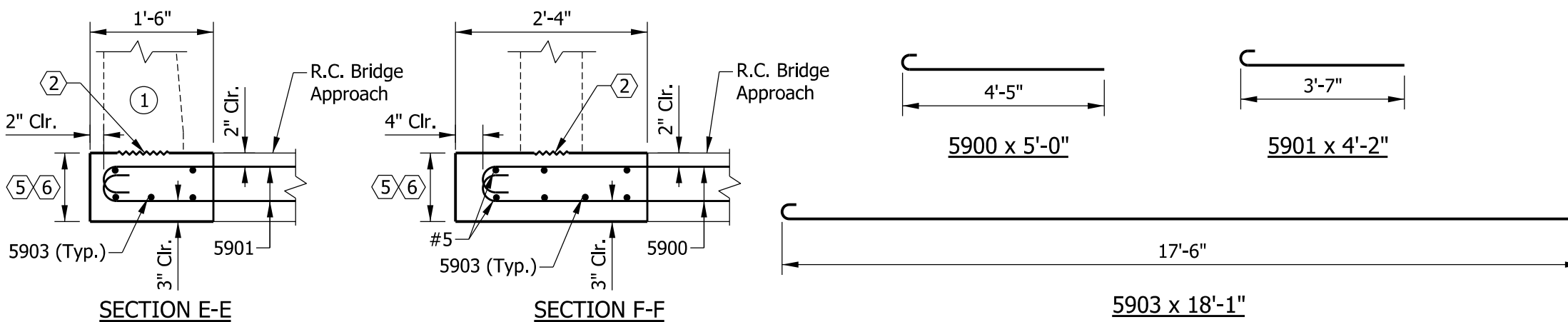
/s/ Mark A. Miller 03/27/13
CHIEF ENGINEER DATE



PLAN



SECTION G-G



SECTION E-E

SECTION F-F

NOTES

- See Standard Drawings E 706-TWFC-01 through -03 for concrete bridge railing transition WFC details.
- See Standard Drawing E 609-TBAE-04 for General Notes.

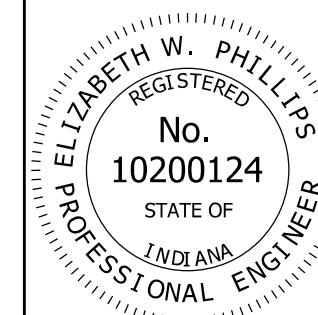
BILL OF MATERIALS			
Quantities are for one RCBA extension			
EPOXY-COATED REINFORCING BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT
5900	11	5'-0"	
5901	35	4'-2"	
5903	5	18'-1"	
#5	2	3'-6"	
Total Epoxy-Coated Reinforcing Bars			312 LBS
MISCELLANEOUS			
RCBA Extension Area			3.4 SYS

INDIANA DEPARTMENT OF TRANSPORTATION

RCBA EXTENSION FOR
BRIDGE RAILING TRANSITION
WFC

SEPTEMBER 2013

STANDARD DRAWING NO. E 609-TBAE-03



/s/ Elizabeth W. Phillips 02/28/13

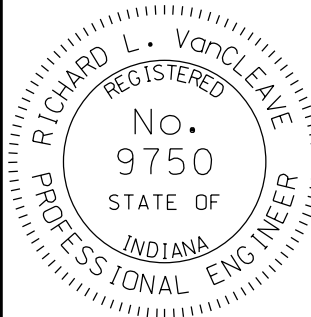
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 03/27/13

CHIEF ENGINEER DATE

GENERAL NOTES

- ① See Standard Drawing series E 609-RCBA and the plans for reinforced concrete bridge approach details.
- ② Construction joint type A. See Standard Drawing E 702-CJTA-01 for details.
- ③ This end of the reinforced concrete bridge approach extension shall match the construction at the bridge end as shown on the plans.
- 4. See Standard Drawing E 703-BRST-01 for reinforcing-bar bending details and notes.
- ⑤ See the plans for thickness of RCBA and its extension to be used with asphalt pavement.
- ⑥ See the plans for thickness of RCBA and its extension to be used with a terminal joint and portland cement concrete pavement.

INDIANA DEPARTMENT OF TRANSPORTATION											
RCBA EXTENSION FOR BRIDGE RAILING TRANSITION GENERAL NOTES SEPTEMBER 2012											
STANDARD DRAWING NO. E 609-TBAE-04											
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/s/ <i>Richard L. VanCleave</i>	09/04/12										
SUPERVISOR, ROADWAY STANDARDS	DATE										
/s/ <i>Mark A. Miller</i>	09/04/12										
CHIEF ENGINEER	DATE										