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2	Concrete Railing, FC
3	Concrete Railing, FT
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GENERAL NOTES:

1. A joint shall be provided between the bridge railing and railing transition at the end of the bridge slab as shown on Standard Drawing E 706-CBRT-01.

2. For twin structures and other structures which are placed side by side, the distance from the back face of the railing to the coping shall be reduced to 0 on the median side.

3. For twin structures and other structures which are placed side by side, the distance from the front face (toe) of the railing to the coping shall be reduced to 1 ft. 4 in. on the median side.

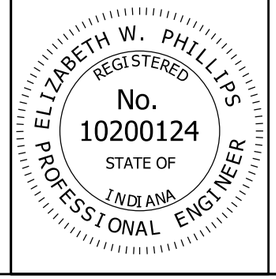
4. All reinforcing bars designated E shall be epoxy coated.

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE RAILING, FC AND FT
INDEX AND GENERAL NOTES

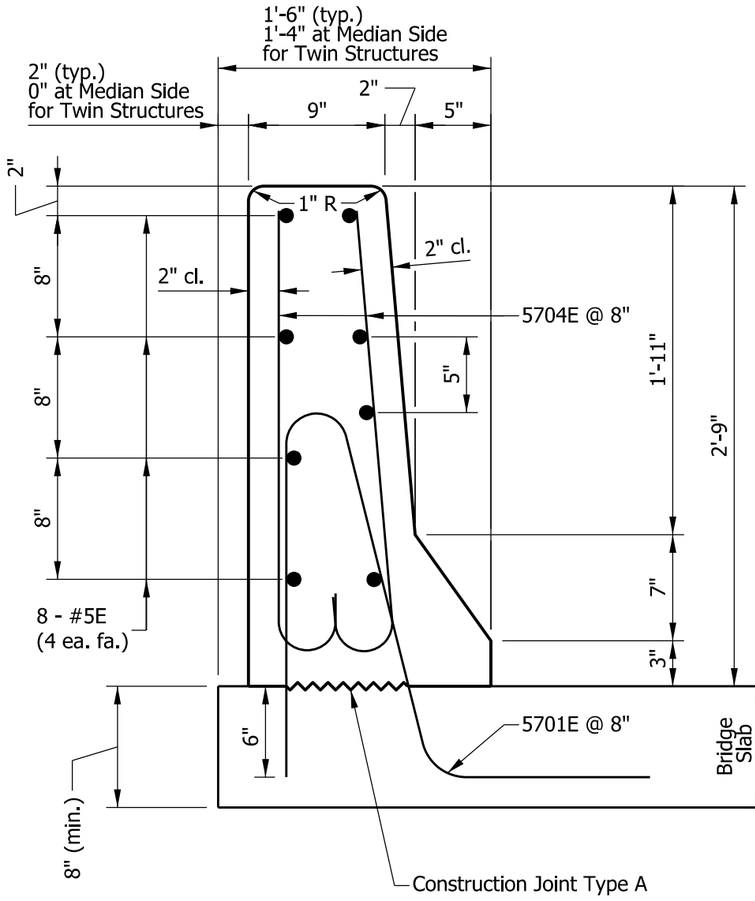
SEPTEMBER 2019

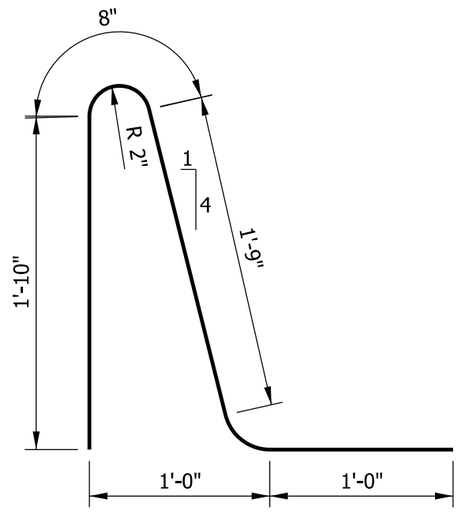
STANDARD DRAWING NO. E 706-BRSF-01



5/2/2019
DESIGN STANDARDS ENGINEER DATE

6/5/2019
CHIEF ENGINEER DATE





5701E x 5'-6"

5704E x 3'-0"

NOTES:

1. FC railing is acceptable as MASH Test Level 3.
2. See Standard Drawing E 703-BRST-01 for reinforcing-bar bending details and notes.
3. See Standard Drawing E 702-CJTA-01 for construction joint type A details.

QUANTITIES FOR ONE RUNNING FOOT OF RAILING	
Concrete, class C	2.58 CFT
Reinforcing bars*	26.3 LBS

* Wt. of reinforcing bars doesn't include allowance for splices in longitudinal bars

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE RAILING, FC

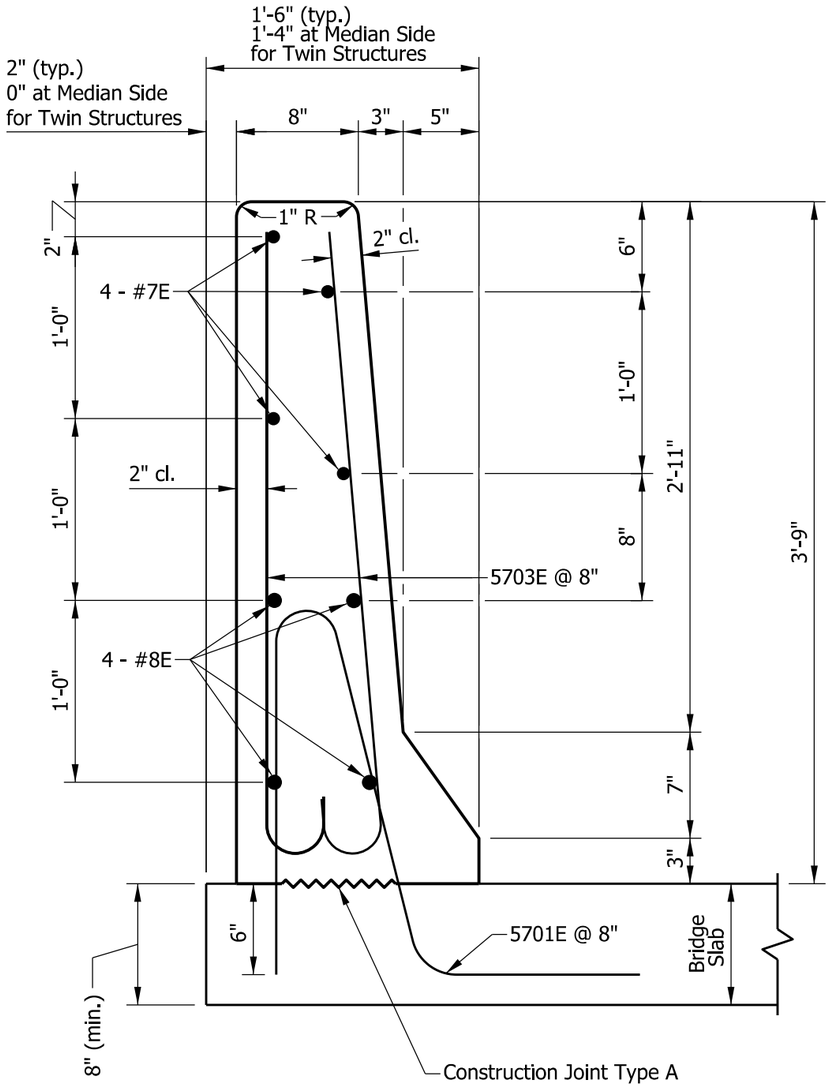
SEPTEMBER 2019

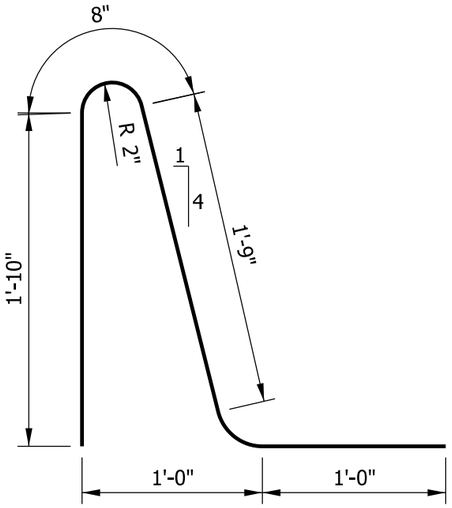
STANDARD DRAWING NO. E 706-BRSF-02

ELIZABETH W. PHILLIPS
REGISTERED
No. 10200124
STATE OF INDIANA
PROFESSIONAL ENGINEER

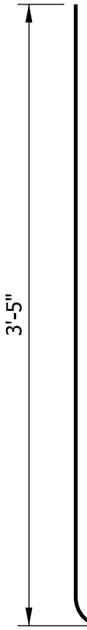
5/2/2019
DESIGN STANDARDS ENGINEER DATE

6/5/2019
CHIEF ENGINEER DATE





5701E x 5'-6"



5703E x 4'-0"

NOTES:

1. FT railing is acceptable as MASH Test Level 5.
2. See Standard Drawing E 703-BRST-01 for reinforcing-bar bending details and notes.
3. See Standard Drawing E 702-CJTA-01 for construction joint type A details.

QUANTITIES FOR ONE RUNNING FOOT OF RAILING	
Concrete, class C	3.29 CFT
Reinforcing bars*	40.0 LBS

*Wt. of reinforcing bars doesn't include allowance for splices through longitudinal bars

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE RAILING, FT

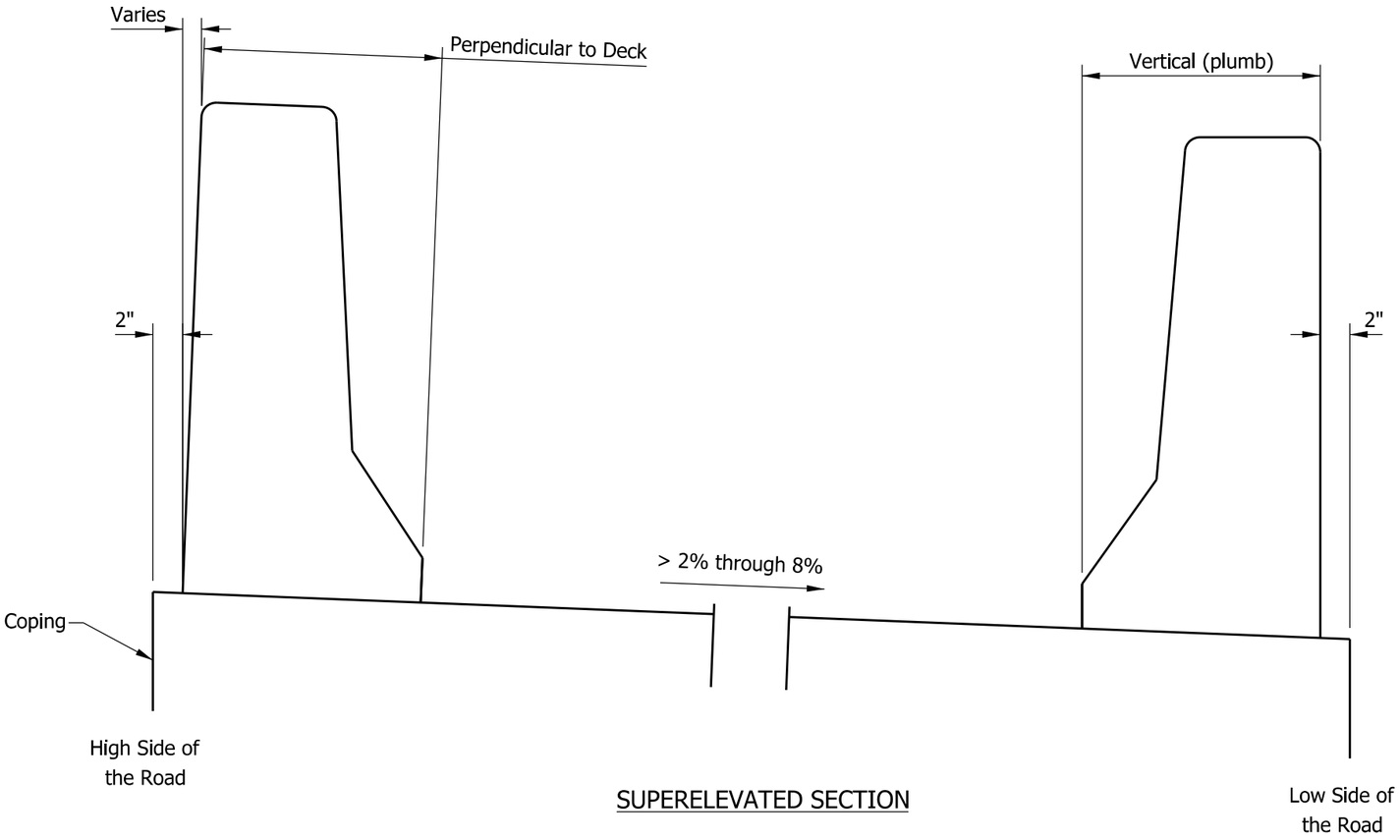
SEPTEMBER 2019

STANDARD DRAWING NO. E 706-BRSF-03

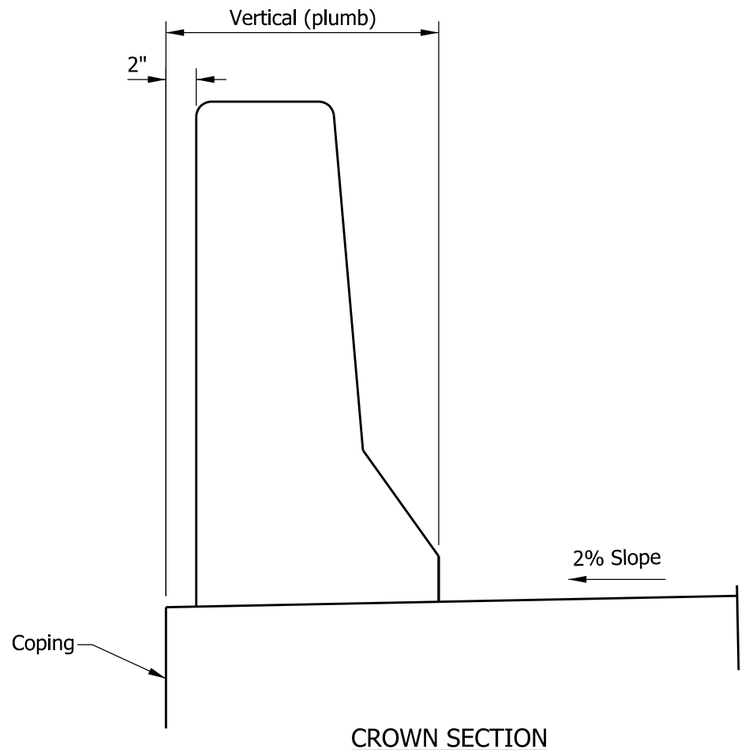
ELIZABETH W. PHILLIPS
REGISTERED
No. 10200124
STATE OF INDIANA
PROFESSIONAL ENGINEER

5/2/2019
DESIGN STANDARDS ENGINEER DATE

6/5/2019
CHIEF ENGINEER DATE



SUPERELEVATED SECTION



CROWN SECTION

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE RAILING PLACEMENT

SEPTEMBER 2019

STANDARD DRAWING NO. E 706-BRSF-04

ELIZABETH W. PHILLIPS
REGISTERED
No. 10200124
STATE OF INDIANA
PROFESSIONAL ENGINEER

5/2/2019
DESIGN STANDARDS ENGINEER DATE

6/5/2019
CHIEF ENGINEER DATE