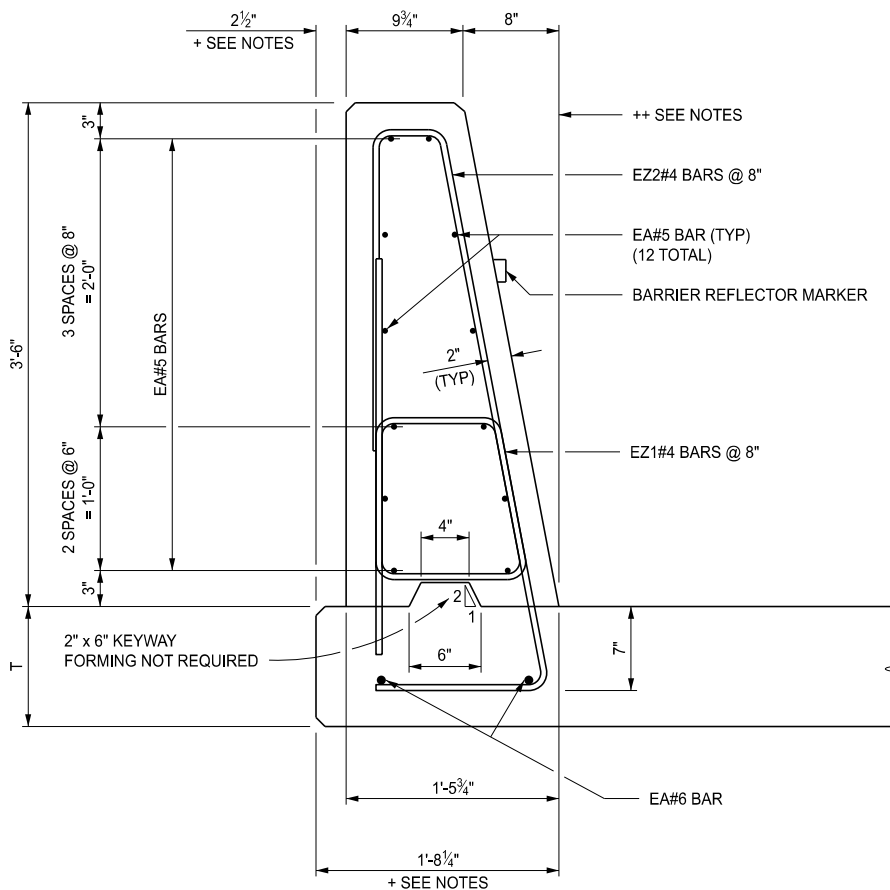


BRIDGE BARRIER RAILING, TYPE 6 OUTSIDE ELEVATION



SECTION A-A

NO AESTHETIC TREATMENT

APPROVED BY: _____
DIRECTOR, BUREAU OF BRIDGES AND STRUCTURES

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

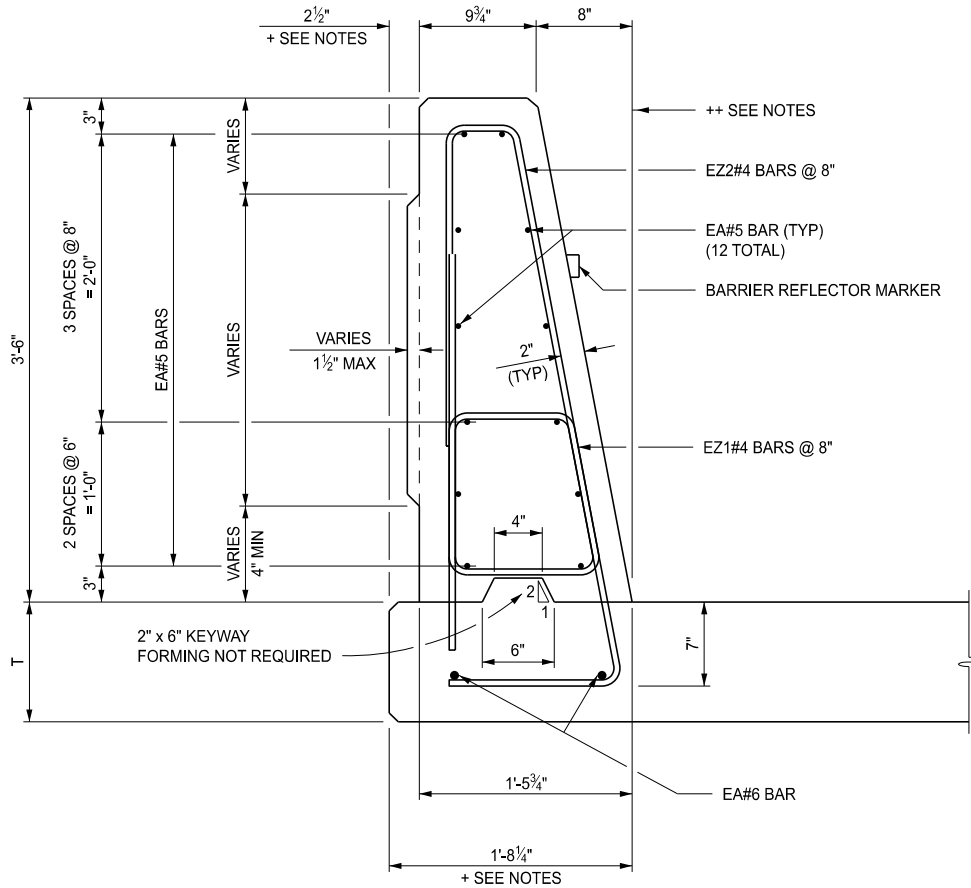
STANDARD PLAN FOR
BRIDGE BARRIER RAILING, TYPE 6

(SPECIAL DETAIL)
FHWA APPROVAL

09/12/2024
PLAN DATE

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1 OF 8



SECTION A-A

BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1

(THE TYPE AND LIMITS OF THE AESTHETIC TREATMENT,)
(IF APPLICABLE, ARE AS DETAILED ON THE PLANS.)



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

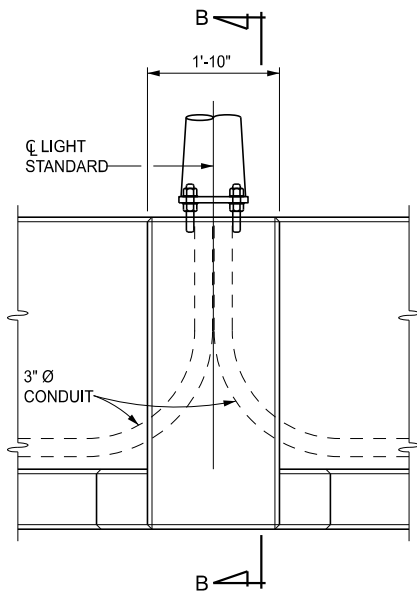
STANDARD PLAN FOR
BRIDGE BARRIER RAILING, TYPE 6

(SPECIAL DETAIL)
FHWA APPROVAL

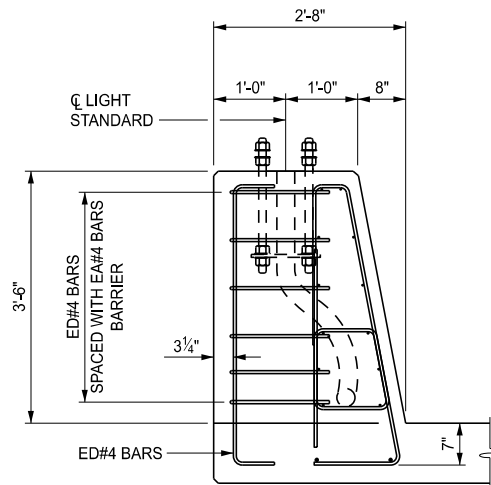
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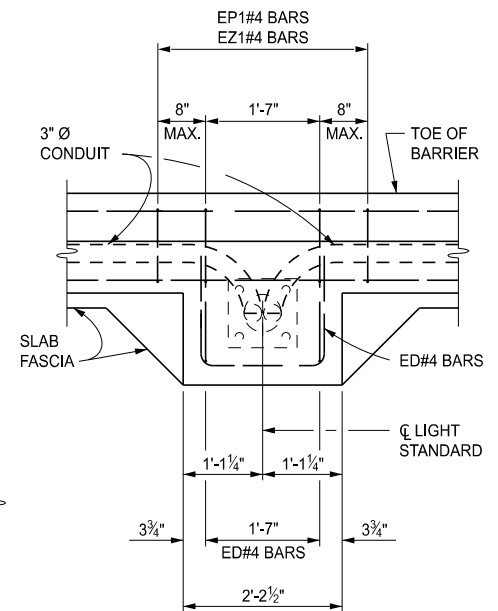
ELEVATION VIEW



SECTION B-B

LIGHT STANDARD DETAILS

NO AESTHETIC TREATMENT ON LIGHT STANDARD 2'-2½" x 1'-2¼" PROTRUSION



PLAN VIEW



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

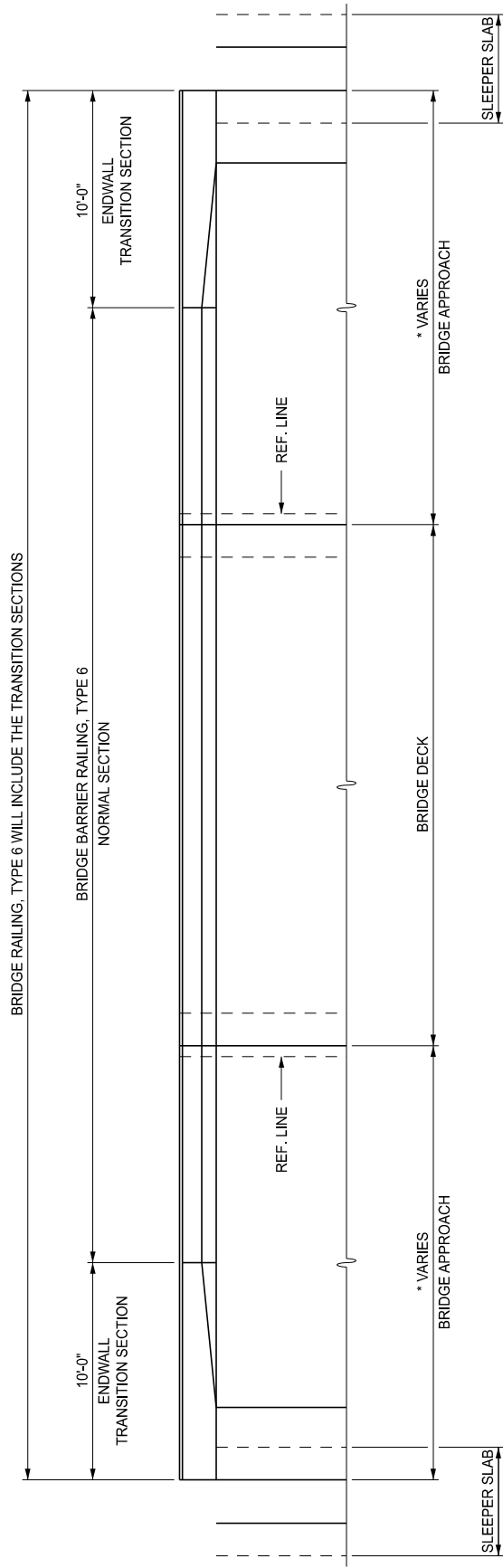
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STANDARD PLAN FOR
BRIDGE BARRIER RAILING, TYPE 6

09/12/2024
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BRIDGE BARRIER RAILING, TYPE 6 PLAN VIEW

* DEPENDANT UPON BRIDGE APPROACH LENGTH, THE TRANSITION SECTION CAN BE PARTLY ON BRIDGE DECK OR IF NO APPROACH SLAB IS PRESENT, ENTIRELY ON THE BRIDGE DECK.



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

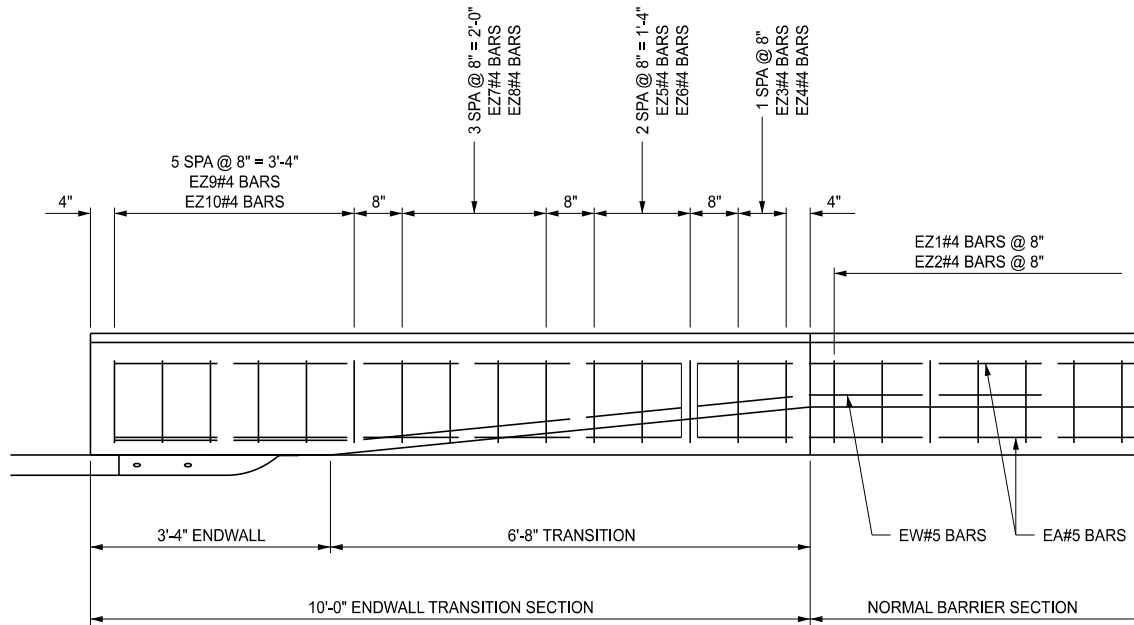
STANDARD PLAN FOR BRIDGE BARRIER RAILING, TYPE 6

(SPECIAL DETAIL)
FHWA APPROVAL

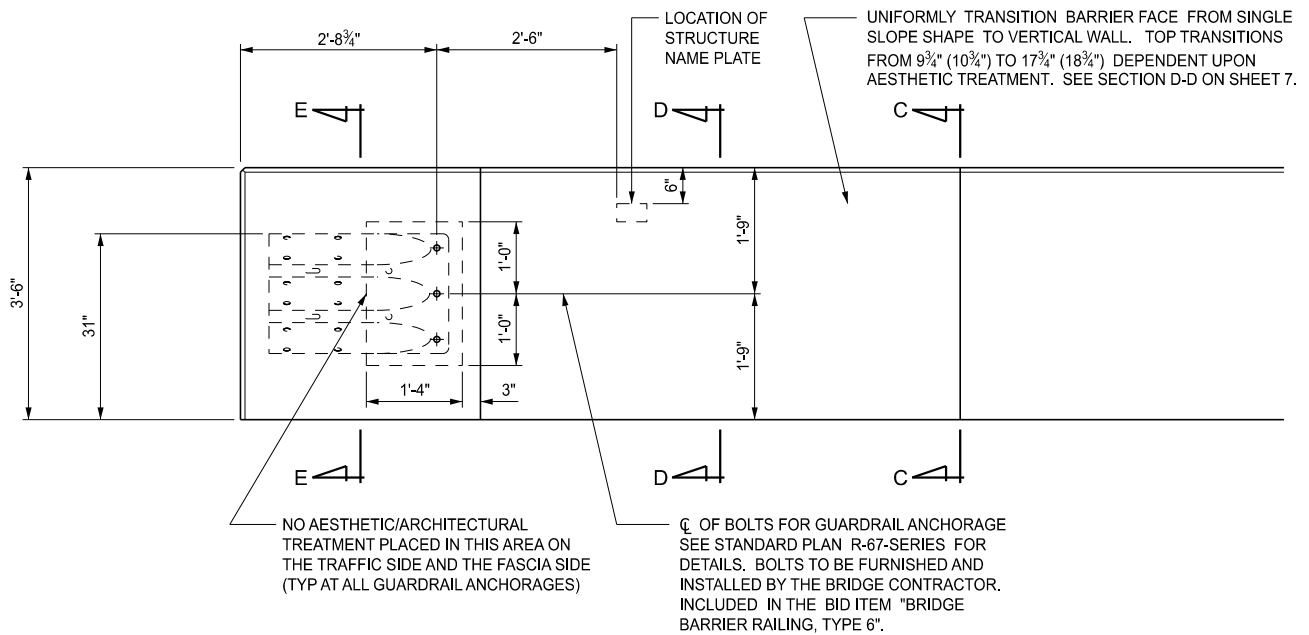
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PLAN VIEW



ELEVATION VIEW



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

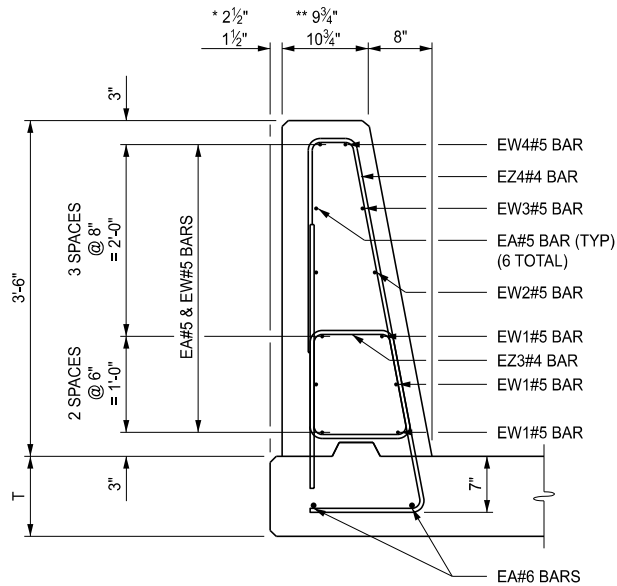
STANDARD PLAN FOR
BRIDGE BARRIER RAILING, TYPE 6

(SPECIAL DETAIL)
FHWA APPROVAL

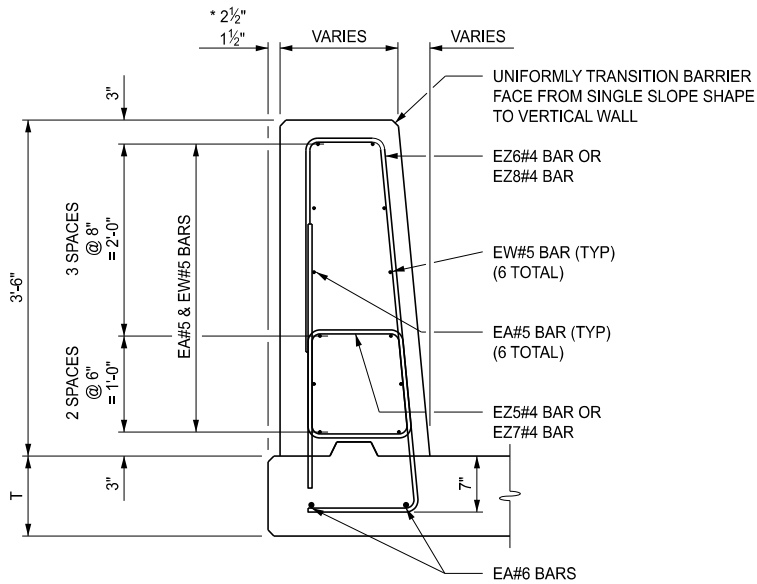
09/12/2024
PLAN DATE

B-29-A

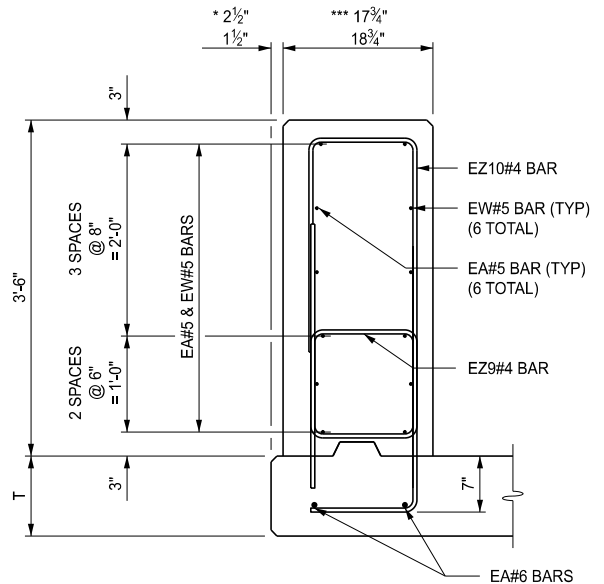
SHEET
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SECTION C-C



SECTION D-D



SECTION E-E

- * 2½" BRIDGE BARRIER RAILING, TYPE 6 (+ SEE NOTES)
 2½" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1 (+ SEE NOTES)
 1½" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2
- ** 9¾" BRIDGE BARRIER RAILING, TYPE 6 (+ SEE NOTES)
 9¾" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1 (+ SEE NOTES)
 10¾" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2
- *** 17¾" BRIDGE BARRIER RAILING, TYPE 6 (+ SEE NOTES)
 17¾" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1 (+ SEE NOTES)
 18¾" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2



DEPARTMENT DIRECTOR
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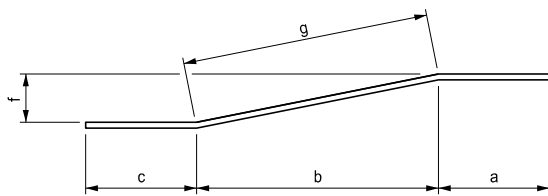
STANDARD PLAN FOR
BRIDGE BARRIER RAILING, TYPE 6

(SPECIAL DETAIL)
FHWA APPROVAL

09/12/2024
PLAN DATE

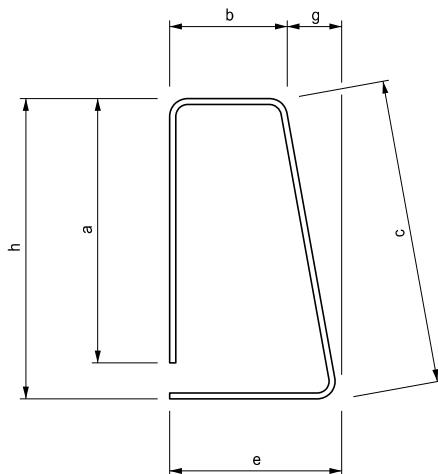
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ENDWALL TRANSITION SECTION BARS							
	# of bars	c	b	a	g	f	
EW1	3	2'-2"	2'-8"	7'-6"	2'-8"	1' ⁵ / ₈ "	EW051204
EW2	1	2'-2"	6'-0"	4'-2' ⁷ / ₈ "	6'-0' ¹ / ₈ "	4' ¹ / ₄ "	EW051205
EW3	1	2'-2"	6'-0"	4'-3' ³ / ₄ "	6'-0' ¹ / ₄ "	5' ³ / ₄ "	EW051206
EW4	1	2'-2"	6'-0"	4'-4' ⁵ / ₈ "	6'-0' ³ / ₈ "	6' ⁷ / ₈ "	EW051207

$$L = c + a + g$$

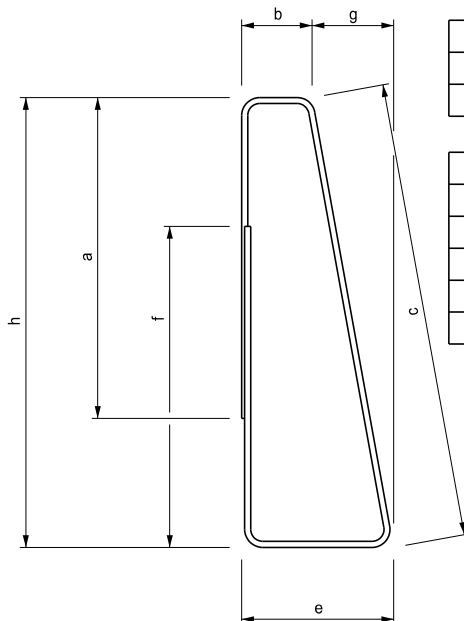


BARRIER SECTION BARS							
	# of bars	a	b	c	e	g	h
EZ1	--	1'-8' ¹ / ₈ "	10' ³ / ₄ "	1'-11' ¹ / ₈ "	1'-3"	4' ¹ / ₄ "	1'-10' ³ / ₄ "

$$L = a + b + c + e$$

ENDWALL TRANSITION SECTION BARS							
	# of bars	a	b	c	e	g	h
EZ3	2	1'-8"	10' ³ / ₈ "	1'-11' ¹ / ₈ "	1'-2' ¹ / ₂ "	4' ¹ / ₈ "	1'-10' ³ / ₄ "
EZ5	3	1'-7' ³ / ₄ "	11"	1'-11"	1'-2' ¹ / ₄ "	3' ¹ / ₄ "	1'-10' ³ / ₄ "
EZ7	4	1'-7' ¹ / ₂ "	11' ³ / ₄ "	1'-10' ⁷ / ₈ "	1'-1' ⁷ / ₈ "	2' ¹ / ₈ "	1'-10' ³ / ₄ "
EZ9	6	1'-7' ³ / ₄ "	1'-1' ³ / ₄ "	1'-10' ³ / ₄ "	1'-1' ³ / ₄ "	--	1'-10' ³ / ₄ "

$$L = a + b + c + e$$



BARRIER SECTION BARS									
	# of bars	a	b	c	e	f	g	h	
EZ2	--	2'-3' ³ / ₈ "	6' ¹ / ₈ "	3'-2' ¹ / ₄ "	1'-1' ¹ / ₄ "	2'-3"	7' ¹ / ₈ "	3'-1' ⁵ / ₈ "	EZ040904

$$L = a + b + c + e + f$$

ENDWALL TRANSITION SECTION BARS									
	# of bars	a	b	c	e	f	g	h	
EZ4	2	2'-3' ¹ / ₂ "	6' ¹ / ₂ "	3'-2"	1'-1"	2'-3"	6' ¹ / ₂ "	3'-1' ¹ / ₂ "	EZ040904
EZ6	3	2'-3' ⁷ / ₈ "	8' ¹ / ₈ "	3'-1' ⁷ / ₈ "	1'-1' ¹ / ₈ "	2'-3"	5"	3'-1' ¹ / ₂ "	EZ040906
EZ8	4	2'-3' ⁵ / ₈ "	10' ¹ / ₂ "	3'-1' ⁵ / ₈ "	1'-1' ¹ / ₄ "	2'-3"	2' ³ / ₄ "	3'-1' ¹ / ₂ "	EZ040908
EZ10	6	2'-3' ¹ / ₂ "	1'-1' ¹ / ₂ "	3'-1' ¹ / ₂ "	1'-1' ¹ / ₂ "	2'-3"	--	3'-1' ¹ / ₂ "	EZ040911

$$L = a + b + c + e + f$$

NOTES:

DETAILS SHOWN ARE IN ACCORDANCE WITH CURRENT AASHTO SPECIFICATIONS.

FOR LIGHT STANDARD ANCHOR BOLT ASSEMBLY DETAILS, SEE STANDARD PLAN B-103-SERIES.

ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

+ BACK OF BARRIER TO SLAB FASCIA MAY BE DECREASED TO 1'¹/₂" (FROM 2'¹/₂") AND TOE OF BARRIER SHIFTED ACCORDINGLY TO ACCOMMODATE THE NEED FOR INCREASED OR MAINTAINING SHOULDER WIDTHS. DISTANCE TO BE DETAILED ON THE PLANS.

++ BRIDGE BARRIER ORIENTATION :

PERPENDICULAR TO PLANE OF SLAB ON NORMAL CROWN SECTION AND HIGH SIDE OF SUPERELEVATION SECTION.
VERTICAL ON LOW SIDE OF SUPERELEVATED SECTION.



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR BRIDGE BARRIER RAILING, TYPE 6

(SPECIAL DETAIL)
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B-29-A

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