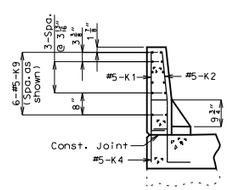
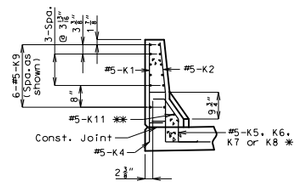
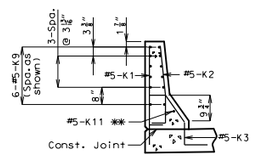


SECTION A-A

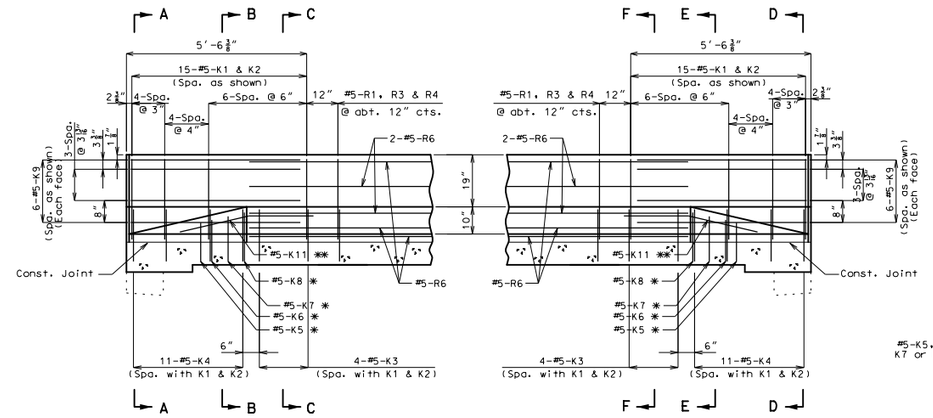


SECTION B-B



SECTION C-C

(#5-R6 Bars not shown for clarity)

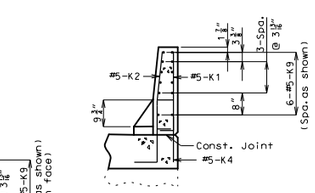


ELEVATION

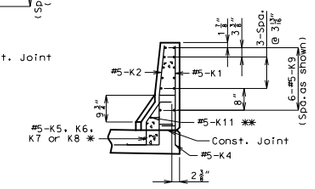
ELEVATION

✱ Spaced with #5-K4 bars with bottom leg at same elevation as the bottom leg of K4 bars.

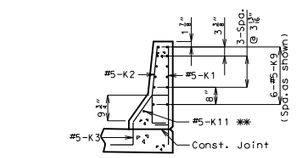
✱✱ Fit bar to follow transition face of curb.



SECTION D-D

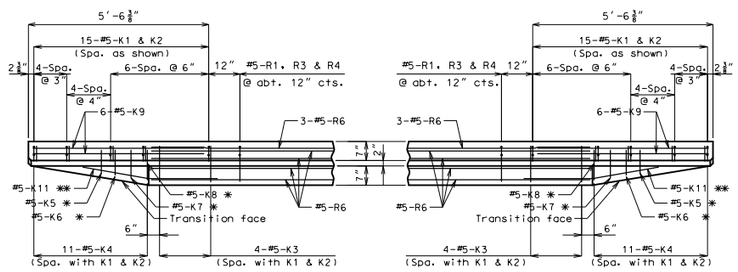


SECTION E-E



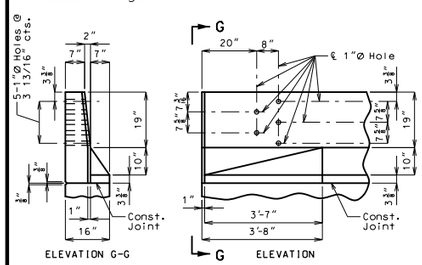
SECTION F-F

(#5-R6 Bars not shown for clarity)

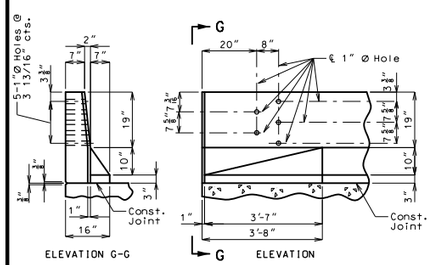


PLAN

PLAN



DETAILS OF GUARD RAIL ATTACHMENT



DETAILS OF GUARD RAIL ATTACHMENT

Standard Drawing Guidance (do not show on plans):

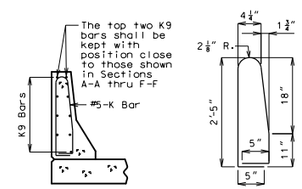
Add Standard Note H9.1a, or H9.1b or H10.7.1 depending upon the use of guardrail or barrier system.

NOTES: Use a minimum lap of 3'-1" between K9 and R6 bars.

Concrete traffic barrier delineators shall be placed on top of the safety barrier curb as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Safety Barrier Curb.

DETAILS OF SAFETY BARRIER CURB AT END BENTS

(Left barrier curb shown, right barrier curb similar.)



K1-K2 BAR PERMISSIBLE ALTERNATE SHAPE

(K3 or K4 thru K8 bars not shown for clarity)

The K1 and K2 bar combination may be furnished as one bar as shown, at the contractor's option.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED	
9/28/2016	
ROUTE	STATE
✱	MO
DISTRICT	SHEET NO.
BR	5
COUNTY	
✱	
JOB NO.	
✱	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
✱	

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STANDARD DRAWING GUIDANCE
(Do not show on plans):

Use the following formulas for determining bar dimensions. These formulas work for all cross slopes.

K3 BARS
B = $10\frac{1}{8}$" + SLAB (†) + W.S. (†)
E = $\frac{5}{8}$" + SLAB (†) + W.S. (†)

K4 BARS
C = $10\frac{1}{8}$" + SLAB (†) + W.S. (†)

K5, K6, K7 & K8 BARS
E = $\frac{5}{8}$" + SLAB (†) + W.S. (†)

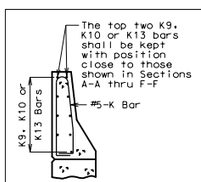
R3 BARS
B = $8\frac{7}{8}$" + SLAB (†) + W.S. (†)

R4 BARS
E = SLAB (†) + W.S. (†)

The values used in the BAR file "ss" provided with the template drawings are based on a $6\frac{3}{4}$" slab with no additional wearing surface. If your design varies from this, then adjust the BAR file accordingly.

STANDARD DRAWING GUIDANCE
(Do not show on plans):

Use the below for redecks with turned back wings.



STANDARD DRAWING GUIDANCE
(Do not show on plans):

Use the above in the K1-K2 Bar Permissible Alternate Shape detail for redecks with turned back wings.

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 5 of