General Notes:
Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617.
Delineators on bridges with two-lane, two-way traffic shall have the following requirements: When delineators are on the outside face of the barrier, they shall be placed 3" to 4" from the edge of the barrier. When delineators are on the inside face of the barrier, they shall be placed 3" to 4" from the edge of the barrier.

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2" except as shown for bars embedded into end bent.

PERMISSIBLE ALTERNATE SHAPES
(Other K bars not shown for clarity)
The K4-K5 and K4-K8 bar combinations may be substituted for the bars shown, if the All dimensions are out to out.
Standard Drawing Guidance: (Do not show on plans)

For skew greater than 3 degrees, use alternate details above, which substitutes a K3 bar for the end K2 bar. For skews greater than 41 degrees, two K3 bars are required.

Dimensions are based on a 2.0% sloped deck. Subtract 1/8" for a 3/16" per foot sloped deck.

Based on a 1/2" slab. Adjust for different slab thickness.

BAR07_H_end_l  Guidance & Alternate Details

Alternate Details for Skewed Bridges Requiring K3 Bars