ALTERNATE DETAILS FOR SKEWED BRIDGES REQUIRING K3 BARS

(1) 5-#5-K1 @ 4" cts.

Based on 8 1/2" slab. Adjust for different slab thickness.

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

For skews 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.

Standard Drawing Guidance: (do not show on plans)

Joint Const. Jt.

#5-K6

x Spa. @ abt. 12"

3…"

F A-C

G

PART ELEVATION

PART PLAN

SECTION F-F

SECTION G-G

Alternate Details for Skewed Bridges Requiring K3 Bars

Standard Details (do not show on plans)

The top two bars shall be furnished as one bar as shown, at the position close to the shoulder face.

Embedded into end bent.

Concrete traffic barrier delineators shall be placed on top of the barrier as embedded into end bent.

Concrete traffic barrier delineators shall be placed on top of the barrier as completely covered by the contract unit price for Type H Barrier.

Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides.

Concrete traffic barrier delineators will be considered for clarity.

Transition to curb for gutter zero at Type A.