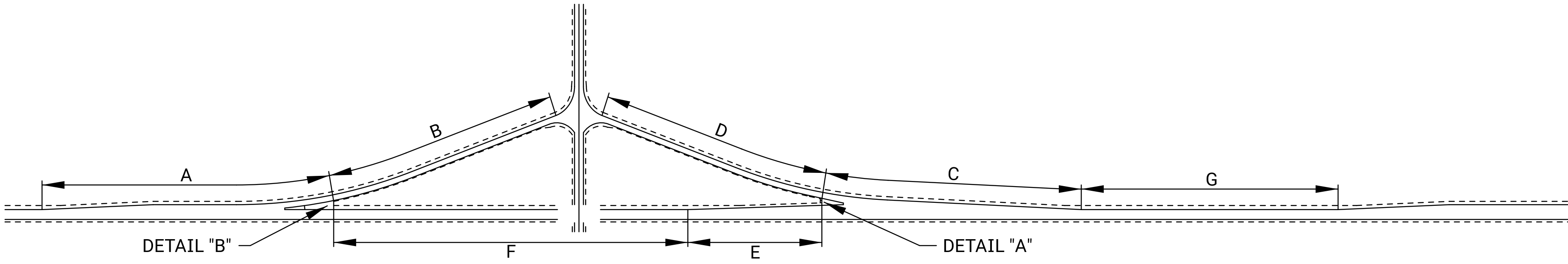


Plotted by : KDOT#CADD.Support_Lks.gov 20-SEP-2023 00:03
File : te410.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	0	0	0	0



DELINEATION SPACING TABLE											
	Beginning Point	Ending Point	Typical Spacings	Delineator Type			Beginning Point	Ending Point	Typical Spacings	Delineator Type	
A	End of acceleration lane taper	Perpendicular to entrance ramp gore	100 Feet	"B"	G		End of acceleration or deceleration lane taper (mainline)	End of acceleration or deceleration lane taper (3) (mainline)	528 Ft	"A"	
B	Perpendicular to entrance ramp gore	Ramp terminal radius	100 Feet	"A"			3000 feet from perpendicular to exit ramp gore sign (Exit Only lane)	Perpendicular to exit ramp gore sign (Exit Only lane)	100 Feet	"B"	
C	End of deceleration lane taper	Perpendicular to exit ramp gore sign	100 Feet	"B"			Perpendicular to exit ramp gore sign (Auxiliary lane 4000 feet or less in length*)	Perpendicular to entrance ramp gore (Auxiliary lane 4000 feet or less in length*)	100 Feet	"B"	
D	Perpendicular to exit ramp gore sign	Ramp terminal radius	100 Feet	"A"			3000 feet from perpendicular to exit ramp gore sign (Auxiliary lane greater than 4000 feet in length*)	Perpendicular to exit ramp gore sign (Auxiliary lane greater than 4000 feet in length*)	100 Feet	"B"	
E	Perpendicular to exit ramp gore sign	End of exit gore taper	75-100 Ft	"A"			1000 feet from perpendicular to entrance ramp gore (Auxiliary lane greater than 5000 feet in length*)	Perpendicular to entrance ramp gore (Auxiliary lane greater than 5000 feet in length*)	100 Feet	"B"	
F	End of exit gore taper	Entrance ramp gore	400-500 Ft	"A"			1000 feet from perpendicular to entrance ramp gore (Auxiliary lane greater than 5000 feet in length*)	3000 feet from perpendicular to exit ramp gore sign (Auxiliary lane greater than 5000 feet in length*)	528 Ft	"A"	
	Beginning of curve for direction of travel (mainline)	End of curve for direction of travel (mainline)	20-528 Ft (1)	"A"							
	Beginning of curve for direction of travel (ramp)	End of curve for direction of travel (ramp)	20-100 Ft (1)	"A"							
	Beginning of curve for outside lane (two way traffic)	End of curve for outside lane (two way traffic)	10-140 Ft (1)	"A" (2)							

(1) Spacing is rounded to nearest foot using the formula:

$$\text{Spacing} = 3 \times \sqrt{(\text{Radius} - 50)}$$

(2) Delineators are back to back on the post.

Note:

See 'Delineation Spacing Table' for type of delineator and typical spacing. The spacing shall be continuous and uniform. The color of delineation shall match the color of the pavement marking edgeline.

Delineation shall be located on the outside edge of mainline, acceleration lanes, deceleration lanes, ramps, and curves. Delineation is not to be used along the mainline median or on the left side of a ramp, unless the roadway curves to the right. Delineation shall not be used on curves or loops when chevrons (W1-8 signs) are used, except at the entrance and exit gore areas. When changing from delineating one edge of the roadway to the other edge, the delineation on both edges shall overlap the typical spacing shown in the delineation spacing table.

When delineating a curve, the first delineator should be located at the beginning of the curve. The spacing on the curve shall not exceed the typical spacing for the road type.

(3) 3000 feet from perpendicular to exit ramp gore sign for Exit Only lane

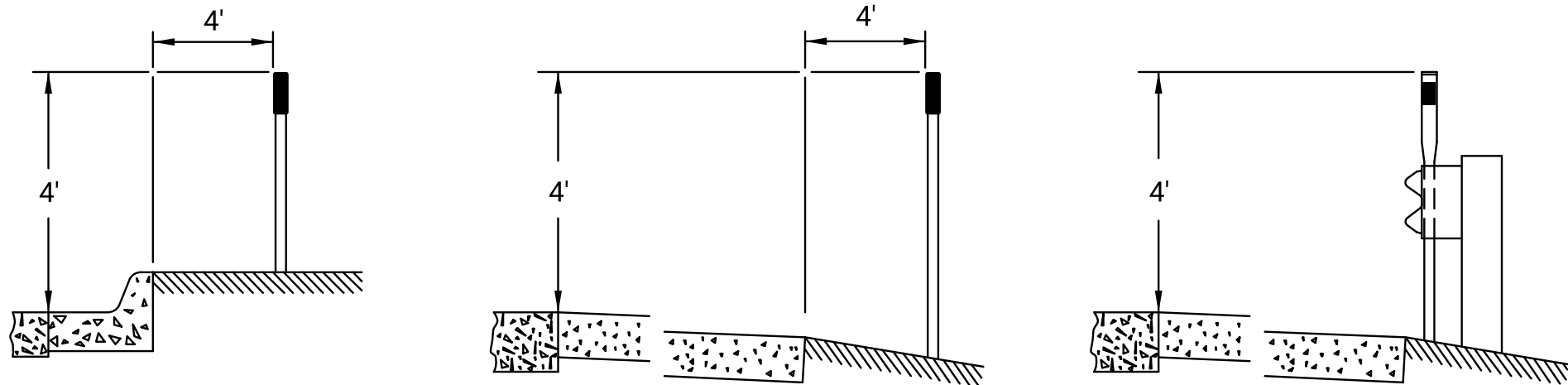
* Auxiliary lane length is measured from perpendicular to entrance ramp gore to perpendicular to exit ramp gore sign

All delineation used within 100 feet in advance of the nose of guardrail end terminal and throughout the area with guardrail shall be flexible post mounted.

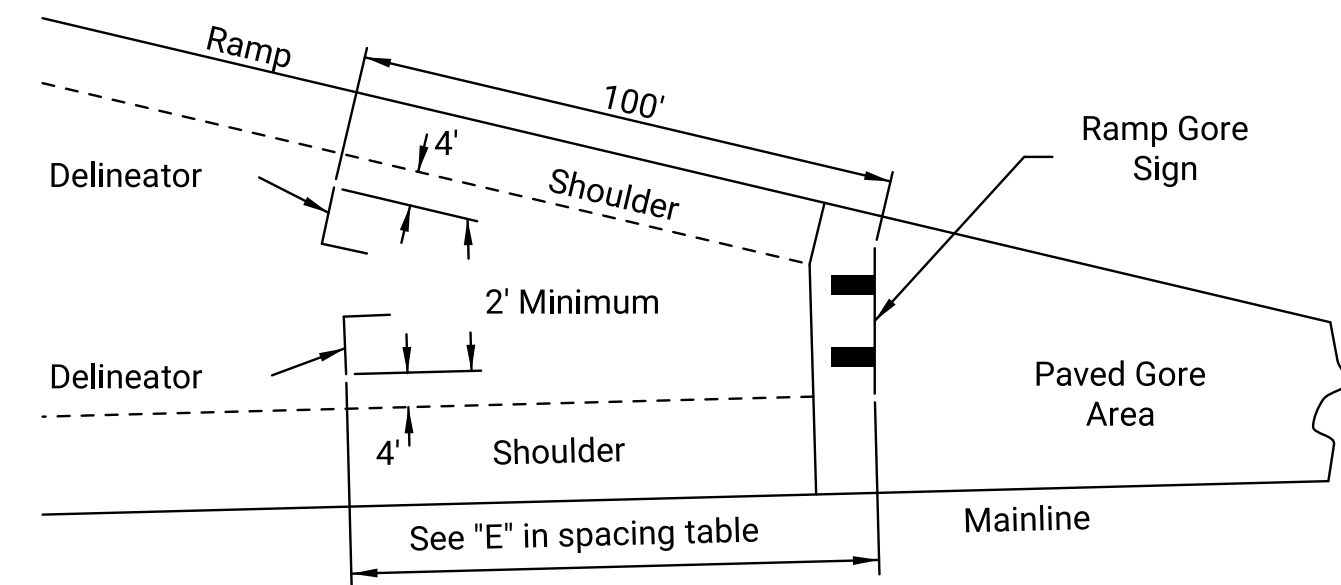
Delineation located on a median between the entrance and exit ramps should be installed according to median width:

Median width less than 6 ft: delineation installed back-to-back on a single post along the median centerline.

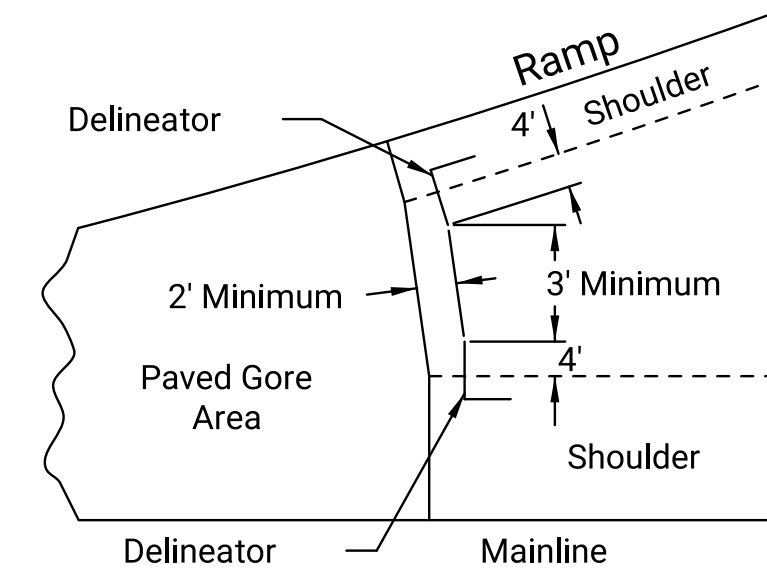
Median width greater than or equal to 6 ft: delineation installed as shown for the typical delineator locations.



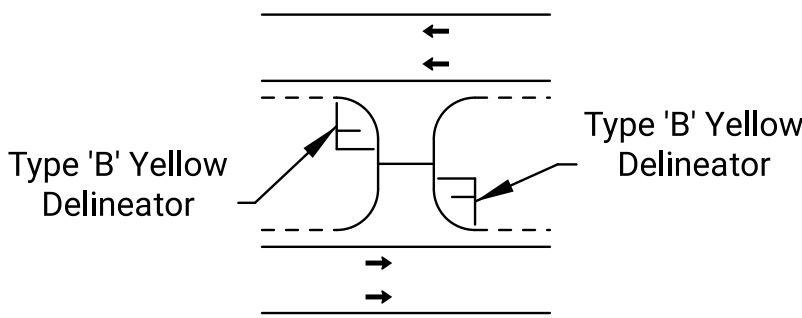
DELINEATOR INSTALLATIONS



DETAIL "A"



DETAIL "B"



MEDIAN CROSS-OVER

NO.	DATE	REVISIONS	BY	APPD	
KANSAS DEPARTMENT OF TRANSPORTATION					
DESIGN DETAILS FOR POSITIONING OF DELINEATORS					
TE410			10-01-19		
FHWA APPROVAL		10-01-19	APPD.		Eric W. Nichol
DESIGNED	D.D.G.	DETAILED	D.D.G.	QUANTITIES	TRACED
DESIGN CK.	E.W.N.	DETAIL CK.	E.W.N.	QUAN.CK.	TRACE CK.