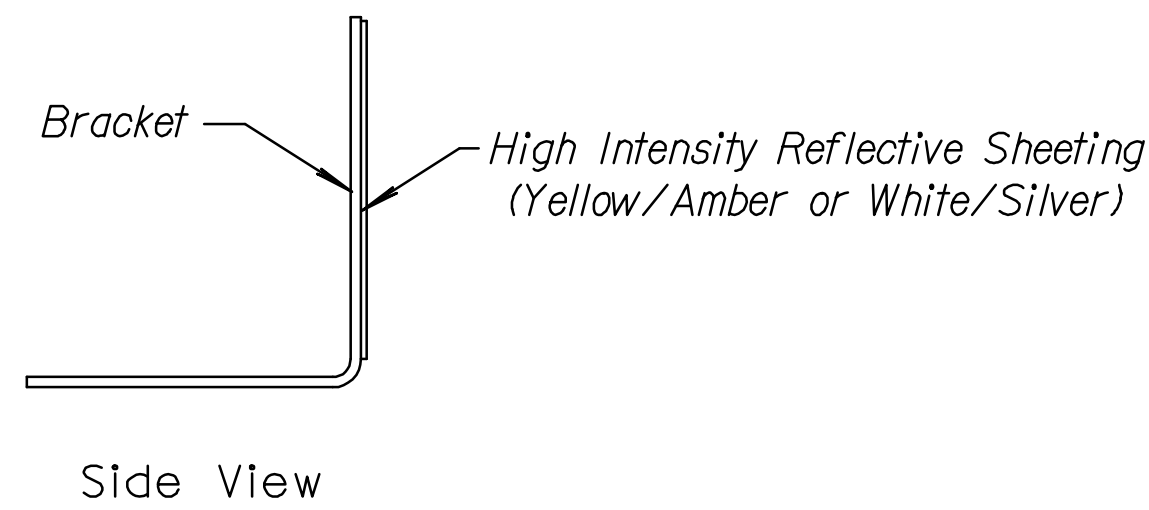
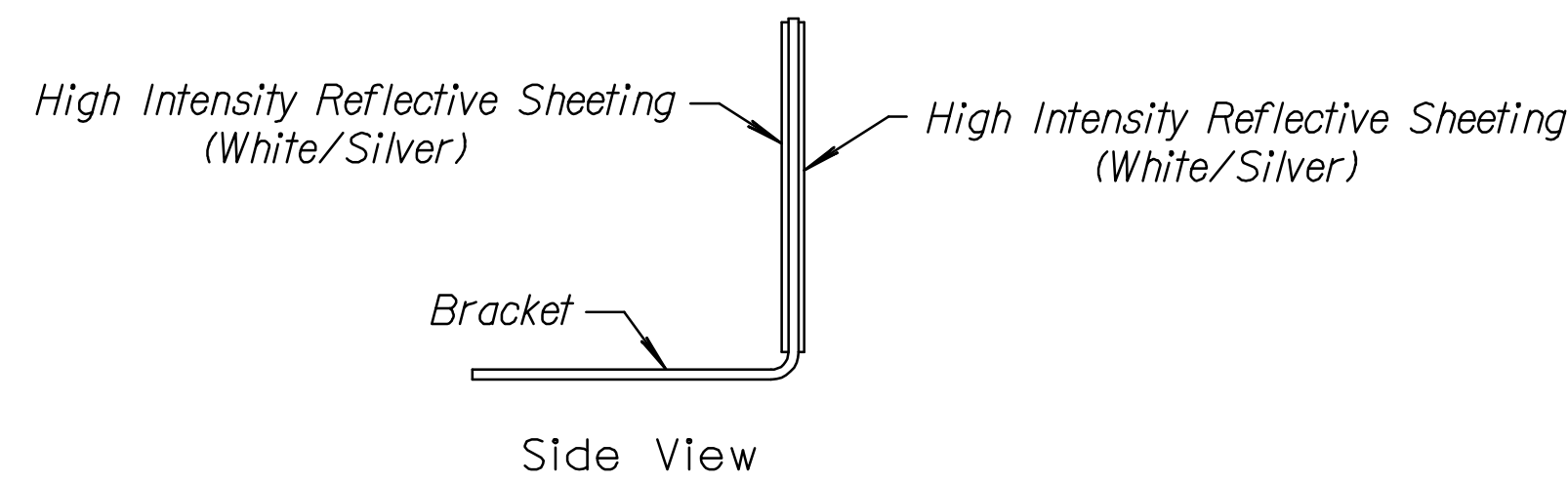


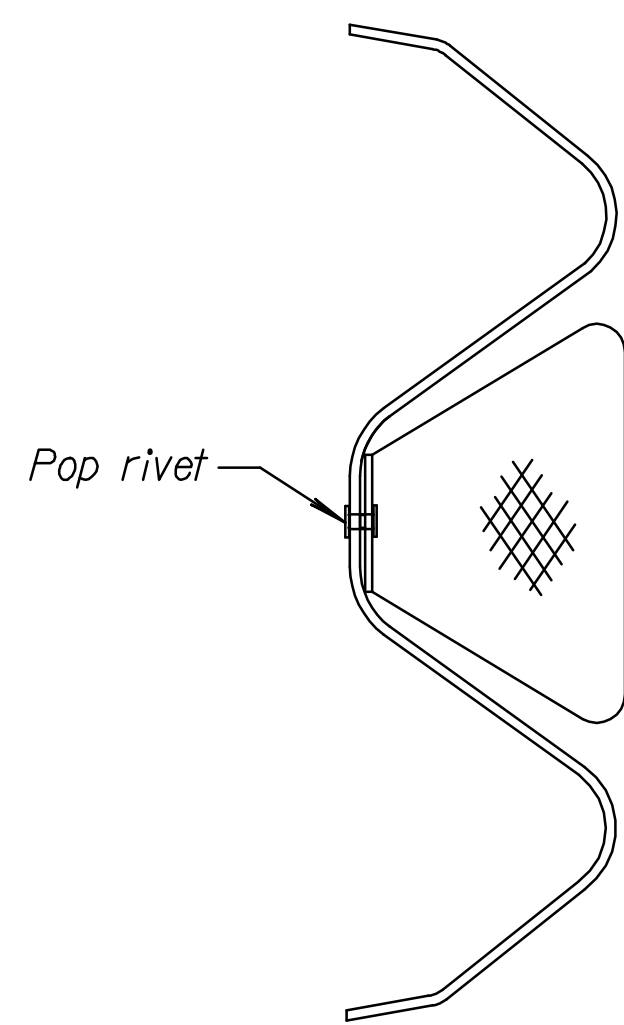
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	468-84636	2011	II	63



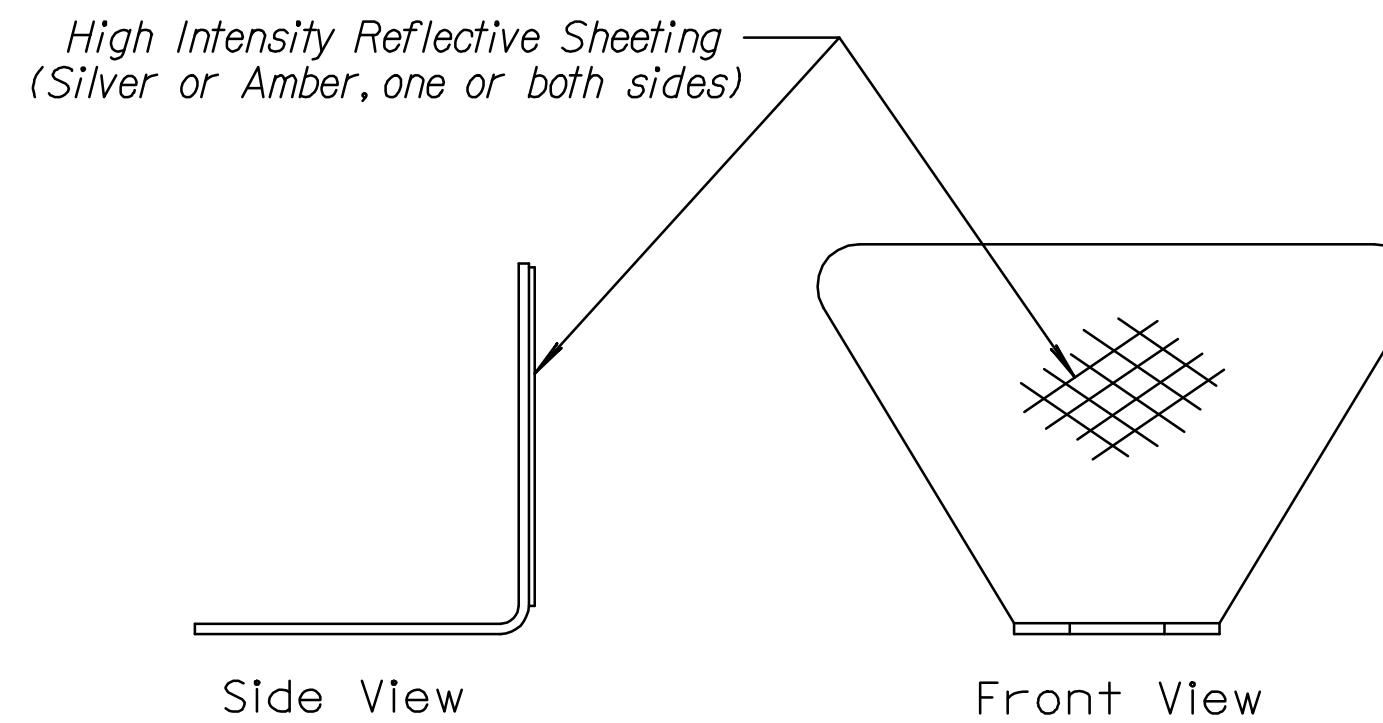
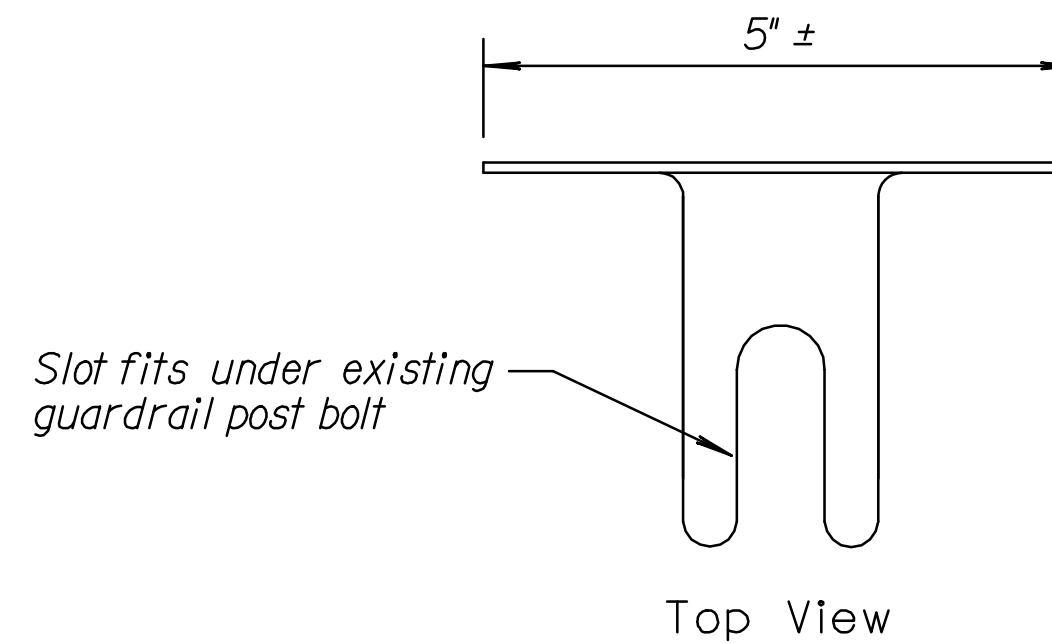
Flexible Guardrail Marker
One-Way Traffic



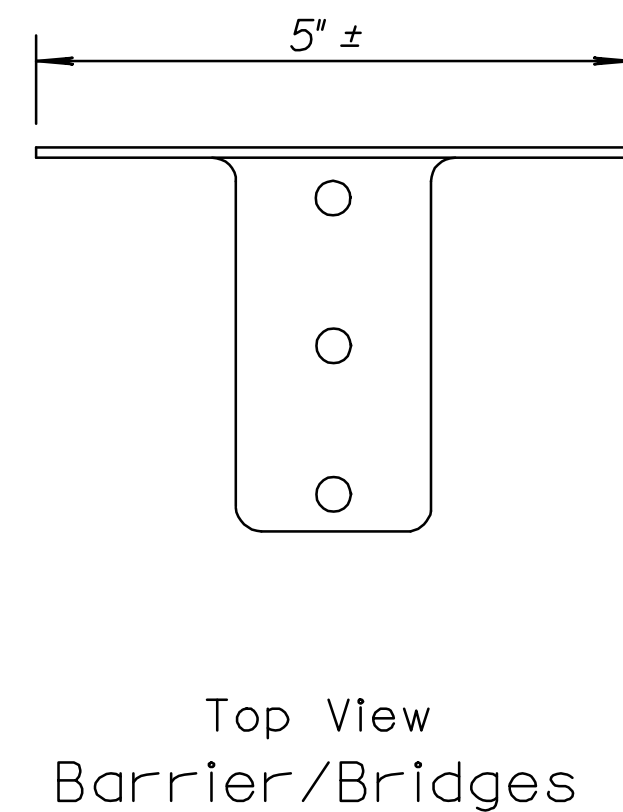
Flexible Guardrail Marker
Two-Way Traffic



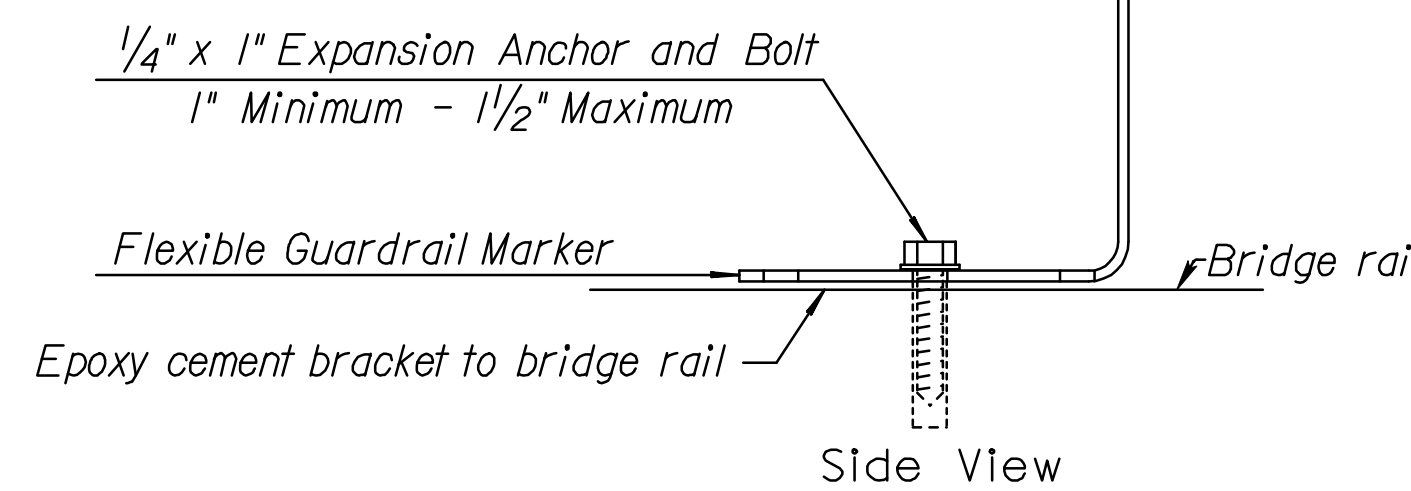
Typical Mounting on W-Beam
Pop rivet attachment to Guardrail when necessary.



Flexible Guardrail Marker
(High Impact Polycarbonate approx.
.085" thick, 5 1/4" x 3")



Top View
Barrier/Bridges



Method of Attaching Flexible
Guardrail Marker to Bridge Rail

General Notes

Install markers on the traffic side of all guardrail installations. Do not exceed 25 foot spacing on markers. No marker is installed between the head and post #5 when the guardrail is terminated with a crashworthy end terminal. Install flexible markers on a post behind guardrail bolt head.

Install flexible markers on the top of bridge rails at a spacing not to exceed 50' except for long bridges (greater than 200' long) where spacing may be increased to 100'.

On two-way roadways use flexible markers with white/silver high intensity reflective sheeting on both sides.

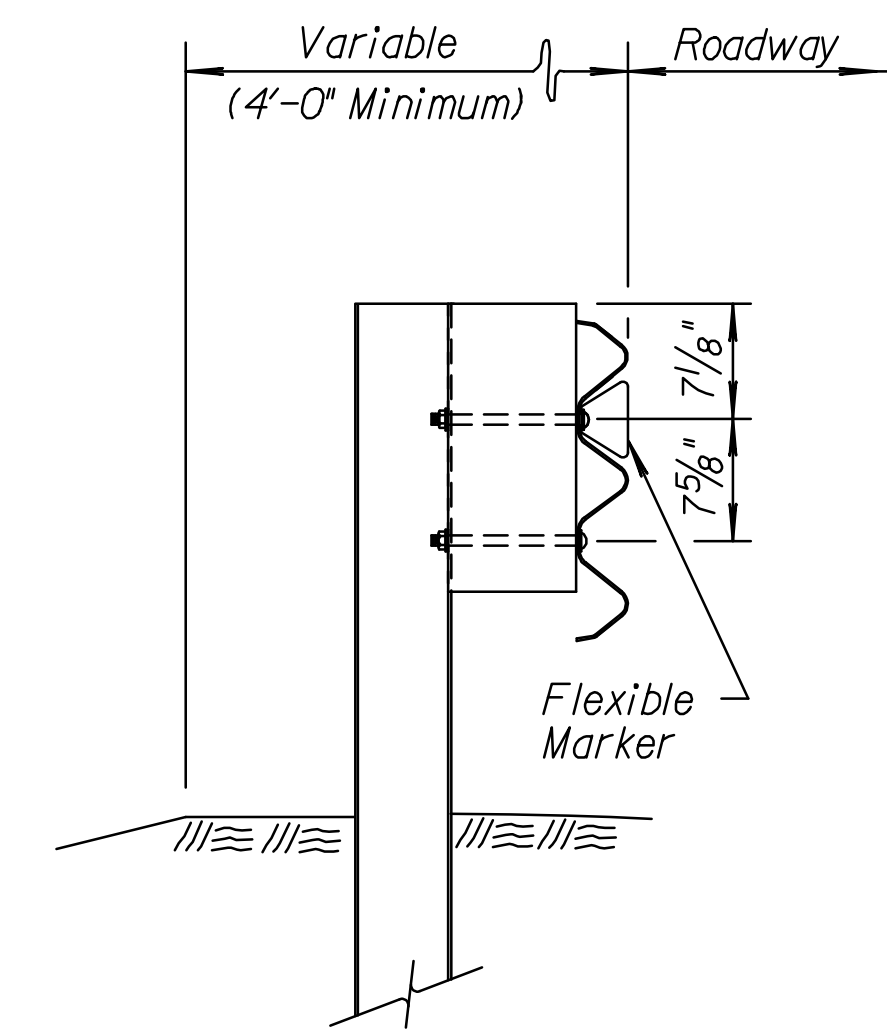
On one-way or divided roadways use flexible markers installed on the approach traffic side of bracket only. Use marker color yellow/amber on the left side of roadway and white/silver on the right side of the roadway.

Use High Impact Polycarbonate Flexible Guardrail Marker with High Intensity Reflective Sheeting AKT Marker or approved equivalent marker, see Standard Specifications.

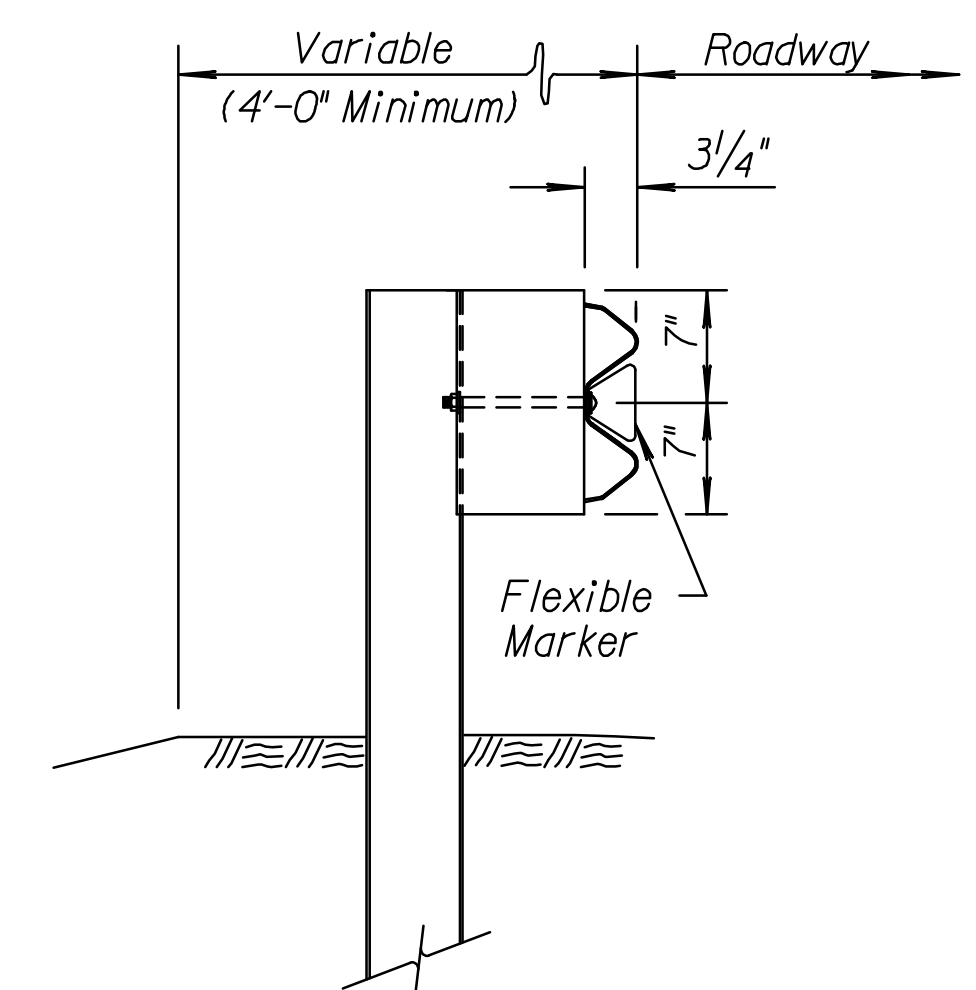
Use zinc or cadmium plated fasteners that complies with Standard Specifications.

Work and materials required for installation of markers on guardrail/bridge rail are Subsidiary to the bid item "Steel Plate Guardrail".

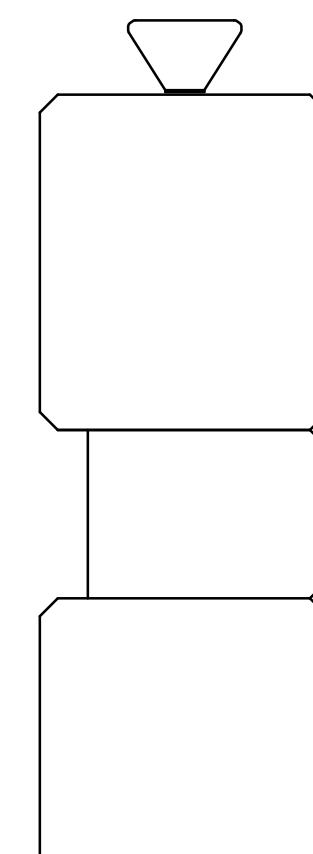
Install flexible markers for the final (permanent) traffic configuration on projects with staged construction. For example a divided highway with one side closed and two-way traffic during construction.)



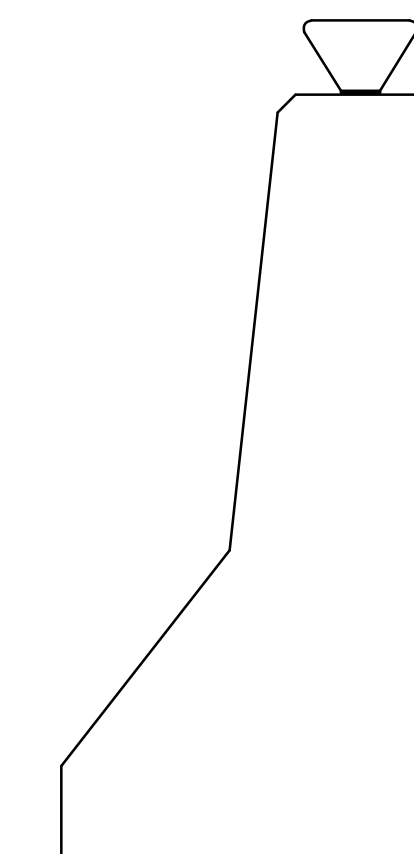
Flexible Marker Mounting
on Three Beam Guardrail



Flexible Marker Mounting
on W-Beam Guardrail



Typical Mounting on
Corral Rail



Typical Mounting on
Barrier Curb Bridge Rail

8	11-15-10	Revised notes	S.W.K.	J.O.B.
7	12-21-08	AKT marker or approved equal	S.W.K.	J.O.B.
6	3-10-09	Add Flexible rem. Button define	S.W.K.	J.O.B.
5	7-20-04	Changed Guard Fence to Guardrail	S.W.K.	J.O.B.
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION				
MARKER DETAILS FOR GUARDRAIL AND BRIDGE RAILS				
RD610				
FHWA APPROVAL	I-11-11	APP'D.	James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED	Bowser
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	King