

NOTES

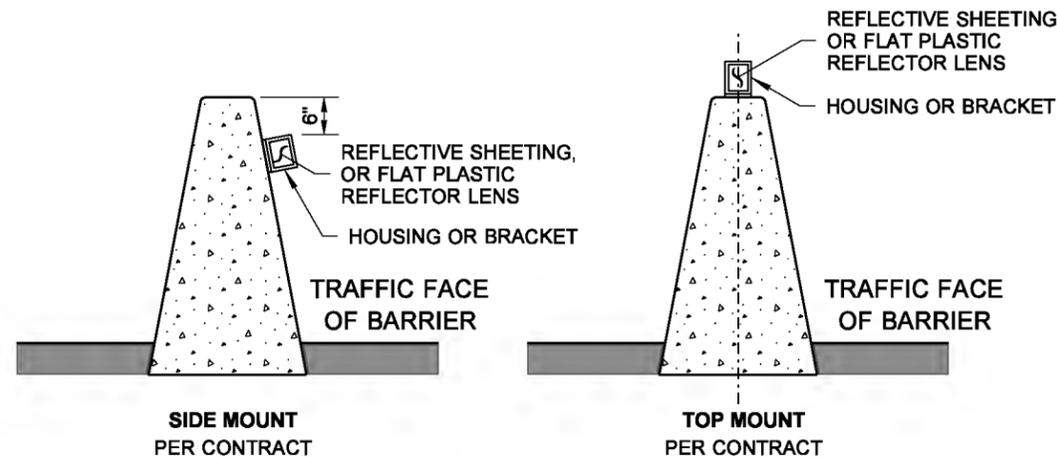
- When the Contract Plans requires a guide post with concurrent guardrail runs, the Contractor shall either:
 - Drive the flexible guide post in line with the guardrail posts, or
 - Mount the shorter flexible guide post onto the guardrail post.
- Guide posts shall be fastened to the wooden guardrail post using two 2" (in) x 3/8" (in) lag screws with washers, along centerline of post. Also acceptable is any approved attachment method submitted by the guide post manufacturer.
- Guide posts shall be fastened to the steel guardrail posts using two galvanized 2" (in) x 3/8" (in) bolts with a washer on both sides, a lock washer, and nut. The nut shall be tightened to properly compress the lock washer. The drilled holes in the guardrail post web shall be painted with galvanizing repair paint as described in **Standard Specification Section 8-11.3(1)B**. Also acceptable is any approved attachment method submitted by the guide post manufacturer.
- When concrete barrier runs concurrent, the Contractor shall mount Barrier Delineators where guide posts are required.

GUIDE POST TYPE DEFINITIONS ~ REFLECTIVE SHEETING APPLICATIONS					
TYPE W	TYPE WW		TYPE Y	TYPE YY	
○	⊕		●	⊗	
FACING TRAFFIC 3" 8" WHITE	FACING TRAFFIC 3" 8" WHITE	BACK SIDE 3" 4" 4" WHITE 4" WHITE	FACING TRAFFIC 3" 8" YELLOW	FACING TRAFFIC 3" 8" YELLOW	BACK SIDE 3" 8" YELLOW

BARRIER DELINEATOR REQUIREMENTS

- Spacing of Barrier Delineators shall be as shown in the Plans.
- The housing or bracket can be flexible or rigid, molded from a durable plastic or other durable material approved by the Engineer, and shall be attached to the barrier with an adhesive recommended by the manufacturer. The attachment point on the barrier surface shall be free of dirt, curing compound, moisture, paint, or any other matter that would adversely affect the adhesive bond.
- Barrier Delineators shall be one-sided for single direction traffic, or two-sided for bi-directional traffic.
- Color shall be white on the right of traffic, and yellow on the left of traffic.
- The reflective surface shall be rectangular or trapezoidal.
- Reflective Sheeting: 12 square inches minimum surface area; Type III, IV, V, or VI, selected from approved materials listed in the Qualified Products List.
- Plastic Reflector: 9 square inches minimum surface area; acrylic or polycarbonate conforming to AASHTO M 290. Reflectors shall equal or exceed the following minimum values of Specific Intensity:

OBSERVATION ANGLE	ENTRANCE ANGLE	SPECIFIC INTENSITY (cd/ft-c)	
		WHITE	YELLOW
0.1°	0°	126	75
0.1°	20°	50	30



BARRIER DELINEATORS

(CONCRETE BARRIER TYPES AND LOCATIONS VARY, SINGLE SLOPE IN MEDIAN SHOWN)



**GUIDE POSTS AND BARRIER DELINEATORS
STANDARD PLAN M-40.10-03**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION