1. BARRIERS ARE DEFINED AS BEING GUARDRAIL, CONCRETE BARRIER, AND BRIDGE PARAPET WALL.

2. SPACE BARRIER REFLECTORS A MAXIMUM 100 FT IN PERMANENT APPLICATIONS, AND 50 FT FOR TEMPORARY APPLICATIONS. REFLECTOR COLOR TO MATCH THE ADJACENT PAVEMENT MARKING LINE.

3. INSTALL APPROPRIATE OBJECT MARKER OM3-R (OR L OR C) IN PLACE OF DELINEATOR AT LEADING EDGE OF BRIDGE PARAPET OR HEADWALL IF GUARDRAIL IS NOT PRESENT.

4. CHEVRON ALIGNMENT (W1-8) SIGNS MAY BE USED WHEN ADDITIONAL EMPHASIS AND GUIDANCE FOR A CHANGE IN HORIZONTAL ALIGNMENT IS NEEDED. THE W1-6 SIGN MAY BE USED TO SUPPLEMENT STANDARD DELINEATORS ON CURVES. THE W1-8 SIGN MAY BE USED TO SUPPLEMENT OR AS AN ALTERNATE TO THE LARGE ARROW (W1-6) SIGN. SEE STD DWG 9A-16 FOR CHEVRON ALIGNMENT SIGN DETAILS.

5. USE CONSISTENT MOUNTING HEIGHT AT EACH LOCATION.

6. SPACE TYPE II DELINEATORS AT 100 FT ON TANGENTS ALONG ALL ENTRANCE AND EXIT RAMPS AS SHOWN. USE DELINEATOR SPACING FORMULA FOR ALL RAMP CURVES. RAMP DELINEATORS ARE NOT REQUIRED WHERE CONTINUOUS LIGHTING IS IN OPERATION.

7. USE DELINEATORS ON THE LEFT SIDE OF ENTRANCE AND EXIT RAMPS FOR RIGHT-HAND CURVES UPON APPROVAL OF THE REGION TRAFFIC ENGINEER.

DELINERATOR SPACING FORMULA

PLACE THE FORMULA 8 = 3 \sqrt{40} 
S = 60 
R = \text{CURVE RADIUS} 
MAXIMUM SPACINGS NOT TO EXCEED 300 FT 
MINIMUM SPACINGS NOT TO BE LESS THAN 20 FT

DELINERATOR SPACING FORMULA

SEE NOTE 3

BARRIER REFLECTOR DETAIL

SEE NOTE 2