REFLECTORIZED DELINEATORS

Main line
One reflector
(Type A delineator)

Ramps
One reflector
(Type A delineator)

Narrow Bridges
Two reflectors
(Type C delineator)

Median
One reflector
(Type D delineator)

Median
One or Two reflectors
(Type E delineator)

Installation:
Posts are to be installed along the right shoulder line unless shown otherwise on the plans.

Reflectors:
- Reflector to be mounted facing traffic at an angle of 93° away from oncoming traffic.
- Reflector to be mounted facing traffic at an angle of 60° away from oncoming traffic.

Spacing:
- Delineator spacing along main line tangents and curves with radius greater than 11500' shall be at 264' centers. Curves with a radius less than 11500' shall be spaced at 528' centers.
- Curves with a radius less than 1200' shall be spaced at 1056' centers. With curves less than 1200' use spacing (S) = \( \frac{3 \cdot R - 50}{168} \) ft.
- Curves with a radius less than 0° (30') shall be at 528' centers.

Spacing:
- Spacing shall be 3' wide yellow band.
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Delineator Details:
- Type A, B, and C
- Type D
- Type E

Alternate:
- One unit band consisting of two yellow stripes separated by a 2' black stripe may be used in place of two 3' yellow bands.

Fasteners:
- Fastener shall be tension pin type or other non-rust vandal resistant fastener.

Post may be drilled at an angle of 90° away from oncoming traffic.

Sign and Delineator:
- Sign and delineator assembly shall be placed in the median crossover an equal distance from each roadway.

Sign and Delineator:
- Reflector shall be the same color as the adjacent pavement marking.

This document was originally issued and sealed by Roger Weigel, Registration Number PE-2900, on 7/18/14 and the original document is stored at the North Dakota Department of Transportation.