Two-way, Two-lane Operation on Divided Highway With Excavation in the Median

Variable length portable precast concrete median barriers

Length of excavated area rounded up to 10' increment

Notes:
1. The location is within a project and the necessary traffic control is in place.
2. Install Portable Precast Concrete Median Barriers when excavation is within clear zone and 1 foot or more in depth.

L = length of attenuation device

ADVANCE WARNING SIGN SPACING

<table>
<thead>
<tr>
<th>Road Type</th>
<th>Distance Between Signs Min. (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban - Low Speed (30 mph or less)</td>
<td>150 150 150</td>
</tr>
<tr>
<td>Urban - Low Speed (over 30 to 40 mph)</td>
<td>260 260 260</td>
</tr>
<tr>
<td>Urban - High Speed (over 40 mph to 50 mph)</td>
<td>360 360 360</td>
</tr>
<tr>
<td>Rural - High Speed (over 50 mph to 60 mph)</td>
<td>720 720 720</td>
</tr>
<tr>
<td>Urban Expressway and Freeway (65 mph to 80 mph)</td>
<td>850 1350 2200</td>
</tr>
<tr>
<td>Rural Expressway and Freeway (75 mph to 85 mph)</td>
<td>1020 1600 2640</td>
</tr>
<tr>
<td>Interstate/Lane Divided (Mainline and Shoulder)</td>
<td>750 1000 1500</td>
</tr>
</tbody>
</table>

KEY

- Flag (F)
- Sign (S)
- Embankment (E)
- Work Area (W)
- Attenuation Device (A)
- Precast Concrete Median Barriers (P)

Notes:
- Excavation is within clear zone and 1 foot or more in depth.
- Install Portable Precast Concrete Median Barriers when excavation is within clear zone and 1 foot or more in depth.
- Length of excavated area rounded up to 10' increment.

This document was originally issued and sealed by
Roger Weigel
Registration Number PE-2936.
9/27/2017 and the original document is stored at the North Dakota Department of Transportation.