**SIGN LAYOUT FOR INTERSTATE SYSTEM ONE LANE CLOSURE**

**NOTE:**
- Reduce speed limit further, if location and conditions dictate.
- Sign G20-55-96 is not required if layout is not part of other traffic control or if work is less than 15 days.
- As an option, use portable sign supports in lieu of post mounted signs in accordance with the NDDOT Standard Specifications.
- Cover existing speed limit signs within a reduced speed zone.
- Install flags on warning signs in urban areas when signs are not portable. Mount 24 inch square flags perpendicular to the edges of the sign, and at such a distance above the edge that the flag does not touch the sign when limp.
- Re-establish speed limit. Determine exact speed limit in the field, dependent on location and conditions.
- High traffic speeds and volumes (over 40 mph or 5000 ADT or greater).
- Place Sequencing Arrow Panels at the beginning of the taper when possible. Where shoulder width does not provide sufficient room, move the panels closer to the work area and place on the roadway surface. See Shoulder Closure Standard Drawing. Use Type C on roadways with
- Space delineator drums used for tapering traffic and on tangent at dimension "S".
- Place barricades on moveable assemblies and signs on portable assemblies when located on the roadway.
- Variations
  - W = The width of offset in feet.
  - S = Numerical value of posted speed limit, off-peak 85th percentile speed prior to work starting, or anticipated operating speed in MPH.
  - L = Minimum taper length in feet. \( S \times W \) for freeways, expressways, and roads with speeds of 45 mph or greater, or \( W \times S /60 \) for urban, residential, and streets with speeds of 40 mph or less.

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**Longitudinal Buffer Space**

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Length (feet)</th>
</tr>
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<tbody>
<tr>
<td>20</td>
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</tr>
<tr>
<td>25</td>
<td>150</td>
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<tr>
<td>30</td>
<td>200</td>
</tr>
<tr>
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<tr>
<td>75</td>
<td>570</td>
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<tr>
<td>80</td>
<td>645</td>
</tr>
</tbody>
</table>

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**Legend**

- **Drum**
- **Sign**
- **Attenuation Device**
- **Sequencing Arrow Panel**
- **Work Area**

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This document was originally issued and sealed by Roger Weigel, Registration Number PE-2935, on 08/17/17 and the original document is stored at the North Dakota Department of Transportation.