## LENGTH AND SPACING TABLE

<table>
<thead>
<tr>
<th>APPROACH SPEED*</th>
<th>BUFFER SPACE LENGTH</th>
<th>CHANNELIZING DEVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPH</td>
<td>FEET</td>
<td>SPACING IN FEET</td>
</tr>
<tr>
<td>20</td>
<td>115</td>
<td>20</td>
</tr>
<tr>
<td>25</td>
<td>135</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>200</td>
<td>20</td>
</tr>
<tr>
<td>35</td>
<td>250</td>
<td>30</td>
</tr>
<tr>
<td>40</td>
<td>305</td>
<td>20</td>
</tr>
<tr>
<td>45</td>
<td>350</td>
<td>20</td>
</tr>
<tr>
<td>50</td>
<td>425</td>
<td>20</td>
</tr>
<tr>
<td>55</td>
<td>495</td>
<td>20</td>
</tr>
<tr>
<td>60</td>
<td>570</td>
<td>20</td>
</tr>
<tr>
<td>65</td>
<td>645</td>
<td>20</td>
</tr>
<tr>
<td>70</td>
<td>720</td>
<td>20</td>
</tr>
</tbody>
</table>

* Approach speed based on the regulatory posted speed, not the advisory speed.

## SIGN SPACING TABLE

<table>
<thead>
<tr>
<th>ROAD TYPE</th>
<th>DISTANCE BETWEEN SIGNS IN FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban and Rural 20 MPH and less</td>
<td>A: 100, B: 100, C: 100</td>
</tr>
<tr>
<td>Urban and Rural 35 MPH to 50 MPH</td>
<td>A: 350, B: 350, C: 350</td>
</tr>
<tr>
<td>Rural greater than 50 MPH</td>
<td>A: 500, B: 500, C: 500</td>
</tr>
<tr>
<td>Expressway / Freeway</td>
<td>A: 1000, B: 1500, C: 2640</td>
</tr>
</tbody>
</table>

## NOTES:

1. Use this layout only if sufficient gaps in oncoming traffic exist for traffic that must yield, and if drivers from both directions are able to see approaching traffic through and beyond the work site.
2. Final location and spacing of traffic control devices may be changed to fit field conditions as approved by the CO.
3. If closure is completely within the project limits, eliminate the "ROAD WORK AHEAD" (W20-1) and "END ROAD WORK" (G20-2) signs.
4. If the surface is paved, install yield lines that comply with Section 38.16 of the MUTCD.
5. Use the "YIELD AHEAD" (W3-2) sign when approach speeds exceed 50 MPH.
6. Use minimum width shown unless otherwise specified in Section 136.
7. Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.

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**Traffic Flow Diagram**

- **Type B warning light (optional)**
- **ADVANCE WARNING AREA (See Sign Spacing Table)**
  - C
  - B
  - A
  - 15' TAPER AREA
  - BUFFER SPACE
    - (optional)
    - (See Length and Spacing Table)
  - VARIABLE
  - BUFFER SPACE
    - (optional)
    - 50' - 100' (optional)
    - (See Length and Spacing Table)
  - TAPER AREA
    - (optional)
    - 50' - 100' (optional)
  - TERMINATION AREA

**Device Spacing Diagram**

- **Device spacing (See Length and Spacing Table)**

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**Sign Diagrams**

- **W20-4**
- **W1-4**
- **W13-1P (optional)**
- **XX mF**
- **W16-2P (optional)**
- **R1-2a**
- **R3-2**
- **TO ABSORB RAPIDLY**
- **YY IN 200 YARDS**
- **10' min.**
- **See Note 6**

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**Legend**

- **ROAD WORK AHEAD**
- **ONE LANE ROAD AHEAD**
- **IN ROAD WORK**
- **B22-3 See Note 3**