**Right Lane Closure**

**Multi-Lane Undivided Road**

**Long Term**

- **Barricade or Vertical Panel.**
- **Drums, Type I or Type II**
- **Variable Message Sign (PCMS)**
- **Multi-Lane Undivided Road**
- **Right Lane Closure**
- **Lane Closed**
- **Merge**
- **Road Work Ahead**

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**Note 7**
- Pavement Marking Removal
  - Design Notes: Remove from layout before inserting in plan.
  - Insert spacing chart distances into layouts and remove chart whenever practical.
  - Consider the installation of a PCMS and/or G20-X2 or special sign if congestion is expected. If advance signing to divert traffic is needed, or other conditions determined by the engineer.
  - Consider the installation of a PCMS and/or G20-X2 or special sign for seven day advance warning of restriction.
  - For any excavation or drop-off in excess of 12 in., see the Minnesota Manual on Uniform Traffic Control Devices Section 6F.85 "Temporary Traffic Barriers."
  - For closures greater than 1000 ft., layout to "Lane Closure Extension."
  - X - Required for speeds 45 mph and greater.
  - Select appropriate material for temporary markings. See striping key.
  - Remove conflicting markings. Determine quantity of markings to be removed or covered by pay item quantities.

**Note 8**
- Pavement Marking Removal
  - Remove conflicting markings. Determine quantity of markings to be removed or covered for pay item quantities.

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**Note 9**
- Pavement Marking Removal
  - Remove or cover for pay item quantities.

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**Post Speed Limit Prior to Work Starting**

<table>
<thead>
<tr>
<th>Posted Speed Limit Prior to Work Starting</th>
<th>Spacing of Channelizing (a)</th>
<th>Spacing of Advance Warning Signs (b)</th>
<th>Decision Sight Distance (c)</th>
<th>Taper Length (d)</th>
<th>Buffered Space (e)</th>
</tr>
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<tbody>
<tr>
<td>0 - 35</td>
<td>25</td>
<td>100</td>
<td>950</td>
<td>200</td>
<td>700</td>
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<tr>
<td>35 - 40</td>
<td>25</td>
<td>375</td>
<td>700</td>
<td>325</td>
<td>500</td>
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<tr>
<td>45 - 50</td>
<td>50</td>
<td>600</td>
<td>900</td>
<td>600</td>
<td>475</td>
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<td>55 -</td>
<td>750</td>
<td>1200</td>
<td>700</td>
<td>500</td>
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<td>60 - 65</td>
<td>1000</td>
<td>1400</td>
<td>800</td>
<td>650</td>
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<tr>
<td>70 - 75</td>
<td>1200</td>
<td>1600</td>
<td>900</td>
<td>820</td>
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</tbody>
</table>

**Legend**
- **Drum, Type I or Type II**
- **Barricade or Vertical Panel.**
- **4" Solid White**
- **Removable Preformed Plastic Marking**
- **Solid Line Pavement Marking**
- **With Temporary Raised Pavement Markers, 3" Spacing or Reflective Tape.**