## Temporary Traffic Control Distance Charts

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<table>
<thead>
<tr>
<th>Posted Speed Limit Prior to Work Starting (mph)</th>
<th>Advance Warning Sign Spacing (A) feet</th>
<th>Decision Sight Distance (D) feet</th>
<th>Taper Length (12 ft lane) (L) feet</th>
<th>Shifting Taper (12 ft lane) (L/2) feet</th>
<th>Typical Shoulder Taper (L/3) feet</th>
<th>Buffer Space (B) feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30 G = 25 ft.</td>
<td>100</td>
<td>550</td>
<td>200</td>
<td>100</td>
<td>75</td>
<td>200</td>
</tr>
<tr>
<td>35-40</td>
<td>325</td>
<td>700</td>
<td>325</td>
<td>175</td>
<td>125</td>
<td>305</td>
</tr>
<tr>
<td>45-50 G = 50 ft.</td>
<td>600</td>
<td>900</td>
<td>600</td>
<td>300</td>
<td>200</td>
<td>425</td>
</tr>
<tr>
<td>55</td>
<td>750</td>
<td>1200</td>
<td>700</td>
<td>350</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>60-65</td>
<td>1000</td>
<td>1400</td>
<td>800</td>
<td>400</td>
<td>275</td>
<td>650</td>
</tr>
<tr>
<td>70-75</td>
<td>1200</td>
<td>1600</td>
<td>900</td>
<td>450</td>
<td>300</td>
<td>820</td>
</tr>
</tbody>
</table>

### Roll Ahead Distance Charts

<table>
<thead>
<tr>
<th>Posted Speed Limit Prior to Work Starting (mph)</th>
<th>Advance Warning Following Distance (F) feet</th>
<th>Recommended Spacing for Vehicles Weighing 9,900 to 22,000 lbs GVW (R) feet</th>
<th>Recommended Spacing for Vehicles Weighing Greater than 22,000 lbs GVW (R) feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30 G = 25 ft.</td>
<td>100 - 550</td>
<td>100</td>
<td>75</td>
</tr>
<tr>
<td>35-40</td>
<td>325 - 700</td>
<td>100</td>
<td>75</td>
</tr>
<tr>
<td>45-50 G = 50 ft.</td>
<td>600 - 900</td>
<td>125</td>
<td>100</td>
</tr>
<tr>
<td>55</td>
<td>750 - 1200</td>
<td>125</td>
<td>100</td>
</tr>
<tr>
<td>60-65</td>
<td>1000 - 1400</td>
<td>175</td>
<td>150</td>
</tr>
<tr>
<td>70-75</td>
<td>1200 - 1600</td>
<td>175</td>
<td>150</td>
</tr>
</tbody>
</table>

Shadow and Protection Vehicle wheels should be pointed straight ahead.