This Standard is used to close one lane of an urban, two lane, two way roadway with a bidirectional turn lane.

Case I applies when no workers are present. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

Calculate L as follows:

**SPEED LIMIT**

**FORMULAS**

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>English</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>L = W/S²</td>
<td>L = 10(W/S)²</td>
</tr>
<tr>
<td>or less</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>L = W/S²</td>
<td>L = 0.65(W/S)²</td>
</tr>
<tr>
<td>or greater</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

W = Width of offset in feet (meters).

S = Normal posted speed in mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

**GENERAL NOTES**

**CASE I**

(Signs required for both directions)

1. Refer to SIGN SPACING TABLE for distances.
2. Required for speeds > 40 mph (70 km/h).
3. Required if work exceeds 500' (124 m) or 1 block.
4. Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or type I or II barricades are used, the interval between devices may be doubled.
5. For approved sideroad closures.
6. Cones, drums or barricades at 20' (6 m) centers in taper.
7. Use flagger sign only when flagger is present.

**SYMBOLS**

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

**SIGN SPACING**

<table>
<thead>
<tr>
<th>Posted Speed</th>
<th>Sign Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-35</td>
<td>200' (60 m)</td>
</tr>
<tr>
<td>35-45</td>
<td>300' (100 m)</td>
</tr>
<tr>
<td>&lt;45</td>
<td>500' (164 m)</td>
</tr>
</tbody>
</table>

**STANDARD 701502-09**

**URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE**

**APPROVED**

January 1, 2019

ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED

January 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT

APPROVED