**GENERAL NOTES**

1. Work operations shall be confined to one center travel lane, leaving the adjacent travel lanes open to traffic.

2. The merging taper shall direct vehicular traffic into either the right or left lane, but not both.

3. When vehicles in a parking zone block the line of sight to TCZ signs, the signs shall be post mounted and located in accordance with Index No. 11302.

4. If the work space extends across a crosswalk, the crosswalk should be closed using the information in Index No. 660.

**DURATION NOTES**

1. Signs and buffer space may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Speed limit is 45 mph or less.
   c. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.
   d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   e. Volume and complexity of the roadway has been considered.

**SYMBOLS**

- Work Area
- Sign With 18' x 18' (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Advance Zone Sign
- Advance Warning Arrow Board
- Lane Identification + Direction of Traffic
- Vehicle Speed 200 ft. or more
- Legend
- Work Area
- Center Line Closed Ahead
- Speeding Fines Doubled When Workers Present
- ROAD WORK AHEAD
- Road Work Ahead
- Work Area
- **300 beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.**

**DISTANCE BETWEEN SIGNS**

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Spacing (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 mph or less</td>
<td>300 200</td>
</tr>
<tr>
<td>45 mph</td>
<td>350 350</td>
</tr>
</tbody>
</table>

**Table I Device Spacing**

<table>
<thead>
<tr>
<th>Max. Distance Between Devices (ft.)</th>
<th>Speed (mph)</th>
<th>Type I or Type II Panels or Drums</th>
<th>Type I or Type II Cones or Tubular Markers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffer Space</td>
<td>Taper Length</td>
<td>Taper Length</td>
<td>Buffer Space</td>
</tr>
<tr>
<td>25 25 50 25 50</td>
<td>25 25 50 30 to 45 50 50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Table II Buffer Space and Taper Length**

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Buffer Space (12' Lateral Transition)</th>
<th>Taper Length</th>
<th>Notes (Merge)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>155 125 125</td>
<td>L = WS²</td>
<td>L = WS²</td>
</tr>
<tr>
<td>30</td>
<td>200 180</td>
<td>L = WS²</td>
<td>L = WS²</td>
</tr>
<tr>
<td>35</td>
<td>250 245</td>
<td>L = WS²</td>
<td>L = WS²</td>
</tr>
<tr>
<td>40</td>
<td>305 320</td>
<td>L = WS²</td>
<td>L = WS²</td>
</tr>
<tr>
<td>45</td>
<td>360 360</td>
<td>L = WS²</td>
<td>L = WS²</td>
</tr>
</tbody>
</table>

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

For lateral transitions other than 12', use formula for L shown in the notes column. Where:

- \( L = WS² \)
- \( W = \) width of lateral transition in feet
- \( S = \) posted speed limit (mph)

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF THE CENTER LANE NEAR AN INTERSECTION.