616.8.21SD (TA-21SD) Short Duration Center Lane Closure at an Intersection

- **Short Duration**: Defined as workers on foot for 60 minutes or less in one location.

- **Location**: A location is defined as the maximum length of work zone (L) for the road you are working on.

- **Advance warning sign is optional:**
  1. Use EPG 616.33SD (TA-33SD) Short Duration Lane Closure on a Multi-Lane Highway for setting advance warning signs.

- **Always use a protective vehicle with a flashing arrow panel (FAP). If available, use a truck/trailer mounted attenuator (TMA).**
  1. Activate high intensity rotating, flashing, oscillating, or strobe lights.
  2. Position the protective vehicle/TMA a minimum of 150 feet in advance of the work space, if possible.
  3. Operate the FAP with the appropriate arrow mode.

- **For roadways posted at 45 mph or less, a work vehicle may be used as the protective vehicle.**
  1. Activate high intensity rotating, flashing, oscillating, or strobe lights.
  2. Position the work vehicle/protective vehicle a minimum of 150 feet in advance of the work space, if possible.
  3. Equip the vehicle with a FAP and operate the flashing arrow panel (FAP) with the appropriate arrow mode.
  4. Once you exit the work vehicle, return only when adjusting position or ready to leave the work location.

- **Consider using channelizers to deter motorists from entering the work space.**

- **Do not set-up a work zone if it conflicts with the signal lights, contact the appropriate district personnel.**

For other operations, refer to:

- **Mobile:**
  1. EPG 616.35M (TA-35M) Mobile Operation on a Multi-Lane Highway.

- **Stationary:**
  1. EPG 616.8.21S (TA-21S) Stationary Center Lane Closure at an Intersection.

- **Nighttime Operations:**
  1. EPG 616.6.83 Warning Lights for use of sequential lights.

- **Speed Limit Guidance:**
  1. EPG 616.12 Work Zone Speed Limits for speed limit guidelines.

- **If work space extends across the crosswalk:**
  1. EPG 616.29 (TA-29) Crosswalk Closures and Pedestrian Detours.
616.8.21SD (TA-21SD) Short Duration Center Lane Closure at a Intersection

<table>
<thead>
<tr>
<th>SPEED</th>
<th>SIGN SPACING (ft.)</th>
<th>TAPER LENGTH (ft.)</th>
<th>RECOMMENDED</th>
<th>CHANNELIZER SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Posted (mph)</td>
<td>Undivided (S)</td>
<td>Divided (S)</td>
<td>Shoulder (1) (T1)</td>
<td>Lane (2) (T2)</td>
</tr>
<tr>
<td>0-35</td>
<td>200</td>
<td>200</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>40-45</td>
<td>350</td>
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</tr>
<tr>
<td>60-70</td>
<td>1000</td>
<td>SA - 1000</td>
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</tr>
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1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

**Type of Roadway**

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<tr>
<th>TYPE OF ROADWAY</th>
<th>SIGN HEIGHT (MINIMUM)</th>
<th>MAXIMUM WORK ZONE LENGTH (L)</th>
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<tbody>
<tr>
<td>URBAN</td>
<td>1’ Portable 7” Post</td>
<td>1 Mi.</td>
</tr>
<tr>
<td>RURAL DIVIDED</td>
<td>1’ Portable 7” Post</td>
<td>2 Mi.</td>
</tr>
<tr>
<td>RURAL UNDIVIDED</td>
<td>1’ Portable 6’ Post</td>
<td>3 Mi.</td>
</tr>
<tr>
<td>VEHICLE</td>
<td>48 Inches Recommended</td>
<td>-</td>
</tr>
</tbody>
</table>

**Date:**

Type of Work:

Location:

Work Zone Specialist:

Field Notes:
**616.8.21SD (TA-21SD) Short Duration Center Lane Closure at a Intersection**

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**Diagram:**
- Far Side of Intersection
- Channelizer
- Flasing Arrow Panel (FAP)
- Protective Vehicle
- Type 3 Barricade
- Work Space
- Truck/Trailer Mounted Attenuator (TMA)

**Date:**

**Type of Work:**

**Location:**

**Work Zone Specialist:**

**Field Notes:**