616.8.34B (TA-34B) Lane Closure with a Temporary Traffic Barrier

- Always use advance warning signs:
  1. For long-term operations, refer to EPG 616.6.2.2 Flags and Advance Warning Rail System.
  2. For speed limit guidelines, refer to EPG 616.12 Work Zone Speed Limits.

- Always use channelizers to create a buffer area when using temporary traffic barrier.

- Temporary Traffic Barrier: Temporary traffic barriers may be needed on projects based on pavement edge treatments, bridge rehabilitations/replacements, etc.
  1. A flare rate of 8:1 for the flared concrete barrier is used from the edge of travelway to the limits of the clear zone where the side slope is 6:1 or flatter.
  2. Concrete barrier within the clear zone will use an approved crash cushion when the normal posted speed limit is greater than 35 mph.
  3. Concrete barrier within the clear zone can use either a barrier height transition or an approved crash cushion when the normal posted speed limit is less than or equal to 35 mph.
  4. Remove and/or modify any existing pavement marking as needed. Temporary pavement marking required with long term closures.
  5. For temporary traffic barriers, refer to EPG 616.6.85 Temporary Traffic Barriers.

- Review Supporting Figure: Lane Restriction on Divided Highways Width Clearance at Bridge for a lane closure with width restriction.
## 616.8.34B (TA-34B) Lane Closure with Temporary Traffic Barrier

<table>
<thead>
<tr>
<th>SPEED</th>
<th>SIGN SPACING (ft.)</th>
<th>TAPER LENGTH (ft.)</th>
<th>RECOMMENDED CHANNELIZER SPACING (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent Posted (mph)</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>70</td>
<td>245</td>
</tr>
<tr>
<td>40-45</td>
<td>500</td>
<td>150</td>
<td>540</td>
</tr>
<tr>
<td>50-55</td>
<td>1000</td>
<td>185</td>
<td>660</td>
</tr>
<tr>
<td>60-70</td>
<td>SA - 1000</td>
<td>235</td>
<td>840</td>
</tr>
<tr>
<td>SB - 1500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SC - 2640</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset.  
2. Lane taper length based on 12 ft. (standard lane width) offset.

### Diagram:
- **Remove existing lane line marking and replace with temporary marking.**
- **100' Taper 5 Channelizers Minimum**
- **Barrier**
- **Clear Zone**
- **B**
- **T1**
- **T2**
- **S or SA**
- **S or SB**
- **S or SC**
- **MERGE**
- **ROAD WORK AHEAD**
- **DATE:**
- **Type of Work:**
- **Location:**
- **Work Zone Specialist:**
- **Field Notes:**

**Date:**

**Type of Work:**

**Location:**

**Work Zone Specialist:**

**Field Notes:**

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9/2023