NOTES:
1. P = Traffic Pacing Length
   For "P" value, see Traffic Pacing Length table or calculate using formulas.
2. See the Plans for traffic pacing restrictions.
3. Do not exceed work duration of 30 minutes or traffic pacing length of 10 miles.
4. Coordinate with the traffic control officer supervisor to provide the correct number of traffic control officers for each traffic pacing operation.
5. Ensure that the necessary equipment is properly positioned for the work before requesting that the traffic control officer supervisor initiate the traffic pacing operation.
6. If workers or equipment are within the traveled way during the traffic pacing operation, use a truck- or trailer-mounted attenuator with portable changeable message sign to protect the work.
7. Maintain communications with all police vehicles throughout the traffic pacing.
8. Where feasible, do not pace traffic past the last available existing egress until the work has been completed.
9. When more than one traffic pacing operation is required in a calendar day, allow sufficient time between pacing operations to permit traffic to return to normal speed and flow.
10. For work durations of less than five minutes (e.g., moving large vehicles across the roadway), portable changeable message signs and truck-mounted attenuators are not required. Use traffic pacing length values from the five minute column of the table.

SYMBOLS:
- Work Space
- Lane Identification and Direction of Traffic
- Portable Changeable Message Sign (PCMS)
- Traffic Control Officer

TYPICAL PCMS DISPLAY:
One week prior to pacing operation:
Message 1: EXPECT DELAYS ON
Message 2: ROAD WORK TONIGHT
During day of pacing operation:
Message 1: SLOW TRAFFIC AHEAD
Message 2: BE PREPARED TO STOP

TRAFFIC PACING LENGTH "P":

<table>
<thead>
<tr>
<th>Pacing Speed (mph)</th>
<th>Work Zone Speed (mph)</th>
<th>Work Duration (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td>50</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>60</td>
<td>20</td>
<td>15</td>
</tr>
<tr>
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<td>20</td>
</tr>
<tr>
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<td>25</td>
<td>25</td>
</tr>
<tr>
<td>50</td>
<td>20</td>
<td>30</td>
</tr>
</tbody>
</table>

Notes: (1) All lengths in the above table are in miles.
(2) For work durations with no values shown above, calculate length using a reduced pacing speed, but not less than 10 mph.

FORMULAS:

\[ P = \frac{S_w - S_p}{S_p^2} \]

\[ P = \frac{P_c}{S_p} \]

\[ P = \frac{P_w}{S_p} \]

\[ P_c = \frac{S_p^2}{S_w} \]

\[ P_w = \frac{S_{p_c}^2}{S_{p_w}} \]

\[ P_c = \text{distance paced vehicles must travel before they reach the work zone at regulatory speed have cleared the work zone} \]

\[ P_w = \text{distance paced vehicles travel while work is performed} \]