TABLE MT-9
BARRIER VEHICLE USE REQUIREMENTS
LONG TERM, INTERMITTENT TERM, AND SHORT TERM STATIONARY CLOSURES

<table>
<thead>
<tr>
<th>CLOSURE TYPE</th>
<th>USE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE MT-9 ASSUME THAT THERE IS NO PROTECTION PRESENT OR PROVIDED BY A TEMPORARY TRAFFIC BARRIER. BARRIER VEHICLES ARE NOT REQUIRED.

TABLE MT-10
SHADOW VEHICLE USE REQUIREMENTS MOBILE CLOSURES

<table>
<thead>
<tr>
<th>CLOSURE TYPE</th>
<th>USE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. A SHADOW VEHICLE SHOULD BE USED FOR ANY WORK ACTIVITY THAT MOVES CONTINUOUSLY OR INTERMITTENTLY AND THE PEDESTRIANS AND VEHICLES ARE NOT PROTECTED BY A TEMPORARY TRAFFIC BARRIER. SHADOW VEHICLES ARE NOT REQUIRED FOR WORK THAT MOVES ONLY a FEW CLOSERES OR LESS THAN A MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE MT-11
LONGITUDINAL BUFFER SPACE

<table>
<thead>
<tr>
<th>SPEED LIMIT</th>
<th>PLACEMENT DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. THE PRECONSTRUCTION POSTED SPEED LIMIT IS THE SPEED LIMIT POSTED ON THE ROADWAY PRIOR TO THE START OF WORK ZONE. WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER DISTANCE (TABLE 6C-2) SHALL BE PROVIDED.

TABLE MT-12
PLACEMENT DISTANCE FOR BARRIER VEHICLES

<table>
<thead>
<tr>
<th>SPEED LIMIT</th>
<th>PLACEMENT DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

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TABLE MT-13
PLACEMENT DISTANCE FOR SHADOW VEHICLES

<table>
<thead>
<tr>
<th>SPEED LIMIT</th>
<th>PLACEMENT DISTANCE</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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TABLE MT-14
FORMULAS FOR DETERMINING TAPER LENGTHS

<table>
<thead>
<tr>
<th>TYPE OF TAPER</th>
<th>FORMULA</th>
</tr>
</thead>
<tbody>
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<td></td>
</tr>
</tbody>
</table>

1. THE PRECONSTRUCTION POSTED SPEED LIMIT IS THE SPEED LIMIT POSTED ON THE ROADWAY PRIOR TO THE START OF WORK ZONE. WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER DISTANCE (TABLE 6C-2) SHALL BE PROVIDED.

TABLE MT-15
FLARE RATES FOR POSITIVE BARRIER

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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<tbody>
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</tbody>
</table>

1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE MT-15 ASSUME THAT THERE IS NO PROTECTION PRESENT OR PROVIDED BY A TEMPORARY TRAFFIC BARRIER. BARRIER VEHICLES ARE NOT REQUIRED.