616.8.35STRIPE (TA-35STRIPE) Pavement Marking Operation on a Multi-Lane Highway

- Use this typical application for mobile operations on a multi-lane highway.
  1. For other operations that require workers on foot, refer to the proper lane closure Typical Application.

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

- When using additional TMAs between TMA #1 and the advance warning vehicle:
  1. Activate high intensity rotating, flashing, oscillating or strobe lights.
  2. Position additional TMAs a minimum of 150 feet in advance of the next TMA, if possible.
  3. Operate the FAP in the appropriate mode.

- Always use a shoulder advance warning vehicle with a FAP and the appropriate lane closure sign when a shoulder is available next to the lane closure:
  1. Activate high intensity rotating, flashing, oscillating, or strobe lights.
  2. Always use a TMA if the shoulder advance warning vehicle encroaches into the lane of traffic.
  3. Operate the FAP with the appropriate arrow mode.

- Use one of the following advance warning methods when a shoulder is not available next to the lane closure:
  1. When using an advance warning vehicle, position it on the opposite shoulder a minimum of one mile behind any TMA in the lane.
  2. When using an advanced warning vehicle with or without a TMA, equip it with a FAP set in the four-corner or alternating diamond caution mode or a CMS with the appropriate lane closure message, and an appropriate lane closure sign.

- For roadways posted at 45 mph or below, always use a protective vehicle with a flashing arrow panel (FAP). If available, use a truck/trailer mounted attenuator (TMA). Shoulder advance warning vehicle is optional.
  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. Equip the vehicle with a FAP and operate the flashing arrow panel (FAP) with the appropriate arrow mode.
  4. Equip the advance warning vehicle with a FAP set in the appropriate mode or a CMS with the appropriate lane closure message, and an appropriate lane closure sign.

- For more information on proper TMA operation refer to EPG 612.1.3.1.2.

<table>
<thead>
<tr>
<th>For other operations, refer to:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Short Duration:</strong></td>
</tr>
<tr>
<td>1. EPG 616.33SD (TA-33SD) Short Duration Lane Closure on a Multi-Lane Highway.</td>
</tr>
<tr>
<td><strong>Stationary:</strong></td>
</tr>
<tr>
<td>1. EPG 616.33S (TA-33S) Stationary Lane Closure on a Multi-Lane Highway.</td>
</tr>
</tbody>
</table>
616.8.35STRIPE (TA-35STRIPE) Pavement Marking on A Multi-Lane Highway

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MoDOT Maintenance Vehicles
(IF AVAILABLE, USE EMERGENCY ALERT LIGHTS AND AUDIBLE ALERT SYSTEM)

ADVANCE WARNING VEHICLE

PROTECTIVE VEHICLE/TMA # 1
(FRONT OF TRUCK) (BACK OF TRUCK)

WET PAINT KEEP RIGHT

FLASHING PANEL
EMERGENCY ALERT LIGHTS
TMA
AUDIBLE ALERT

SLOW VEHICLES
GO25-1

WET PAINT KEEP RIGHT
END WET PAINT THANK YOU

PLANES
GO25-4

GO25-2

GO25-2P

STRIPER
(FRONT OF TRUCK) (BACK OF TRUCK)

WET PAINT KEEP RIGHT

STROBE
STROBE
STROBE
STROBE
STAY BACK 100 FT
GO23-1

END WET PAINT THANK YOU

SAFE LANE
CENTRE SPECIAL

W/GO05-5

LEFT LANE CLOSED
RIGHT LANE CLOSED
616.8.35STRIPE (TA-35STRIPE) Two lanes: Right Lane Closed with Right Shoulder Advance Warning Vehicle

<table>
<thead>
<tr>
<th>SPEED Permanent Posted (mph)</th>
<th>SPACING LENGTH (ft) Spacing (T2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-35</td>
<td>245</td>
</tr>
<tr>
<td>40-45</td>
<td>540</td>
</tr>
<tr>
<td>50-55</td>
<td>660</td>
</tr>
<tr>
<td>60-70</td>
<td>840</td>
</tr>
</tbody>
</table>

Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:
616.8.35STRIPE (TA-35STRIPE) Two lanes: Left Lane Closed with Left Shoulder Advance Warning Vehicle

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Work Zone Specialist:
Field Notes:
616.8.35STRIPE (TA-35STRIPE) Two lanes: Left Lane Closed with Narrow/No Shoulders with Right Shoulder Advance Warning Vehicle

Date:
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Location:
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Field Notes:
616.8.35STRIPE (TA-35STRIPE) Three or more lanes: Center Lane Closed with Left Shoulder Advance Warning Vehicle

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THREE OR MORE LANES
CENTER LANE (FULL SHOULDERS)

TMA #1
PROTECTIVE VEHICLE REQUIRED
TMA REQUIRED

TMA #2
PROTECTIVE VEHICLE REQUIRED
TMA REQUIRED

TMA #3
PROTECTIVE VEHICLE REQUIRED
TMA REQUIRED

ADVANCE WARNING VEHICLE
PROTECTIVE VEHICLE REQUIRED
TMA (OPTIONAL)

Date:
Type of Work:
Location:
Work Zone Specialist:
Field Notes:
616.8.35STRIPE (TA-35STRIPE) Three or more lanes: Center Lane Closed with Right Shoulder Advance Warning Vehicle

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Field Notes:
616.8.35STRIPE (TA-35STRIPE) Three or more lanes: Right Lane Closed with Right Shoulder Advance Warning Vehicle

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Location:
Work Zone Specialist:
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616.8.35 STRIPE (TA-35 STRIPE) Three or more lanes: Left Lane Closed with Left Shoulder Advance Warning Vehicle

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Date:
Type of Work:
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Work Zone Specialist:
Field Notes:
616.8.35 STRIPE (TA-35STRIPE) Three or more lanes: Left Lane Closed with Narrow/No Shoulders with Right Shoulder Advance Warning Vehicle

Date:
Type of Work:
Location:
Work Zone Specialist:
Field Notes:
616.8.35STRIPE (TA-35STRIPE) Undivided Multi-Lanes: Left Lane Closed with Right Shoulder Advance Warning Vehicle

Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:
616.8.35STRIPE (TA-35STRIPE) Undivided Multi-Lanes: Right Lane Closed with Right Shoulder Advance Warning Vehicle

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</tbody>
</table>

Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:
616.8.35 STRIPE (TA-35 STRIPE) Two lanes: Right Lane Closed with Right Shoulder
45 mph or Below Example

<table>
<thead>
<tr>
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<tr>
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Date:
Type of Work:
Location:
Work Zone Specialist:
Field Notes:
616.8.35STRIPE (TA-35STRIPE) Two lanes: Left Lane Closed with Left Shoulder
45 mph or Below Example

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<thead>
<tr>
<th>SPEED</th>
<th>SPACING LENGTH (ft.)</th>
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</thead>
<tbody>
<tr>
<td>Permanent Posted (mph)</td>
<td>Spacing (T2)</td>
</tr>
<tr>
<td>0-35</td>
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<td>660</td>
</tr>
<tr>
<td>60-70</td>
<td>840</td>
</tr>
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</table>

45 MPH OR BELOW EXAMPLE
LEFT LANE (FULL SHOULDERS)

Date:
Type of Work:
Location:
Work Zone Specialist:
Field Notes:
616.8.35STRIPE (TA-35STRIPE) Two lanes: Left/Right Lane Closed with Narrow/No Shoulders
45 mph or Below Example

Date:
Type of Work:
Location:
Work Zone Specialist:
Field Notes:
616.8.35STRIPE (TA-35STRIPE) Three or more lanes: Center Lane Closed
45 mph or Below Example

SPEED | SPACING LENGTH (ft.)
--- | ---
Permanent Posted (mph) | Spacing (T2)
0-35 | 245
40-45 | 540
50-55 | 680
60-70 | 840

Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes: