

## 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.**

<b>For other operations, refer to:</b>
<ul style="list-style-type: none"><li>• <b>Short Duration:</b><ol style="list-style-type: none"><li>1. EPG 616.33SD (TA-33SD) Short Duration Lane Closure on a Multi-Lane Highway.</li></ol></li><li>• <b>Stationary:</b><ol style="list-style-type: none"><li>1. EPG 616.33S (TA-33S) Stationary Lane Closure on a Multi-Lane Highway.</li></ol></li></ul>

## 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)

FRONT ADVANCED  
WARNING TRUCK  
(FRONT OF TRUCK)

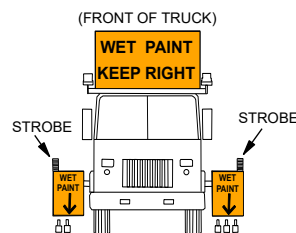


GO22-3

FRONT ADVANCED  
WARNING TRUCK  
(BACK OF TRUCK)

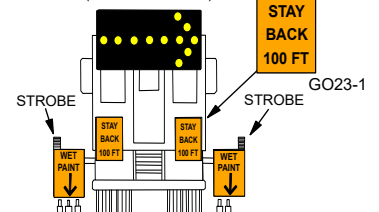


OR  
END WORK  
THANK YOU



STRIPER

(BACK OF TRUCK)

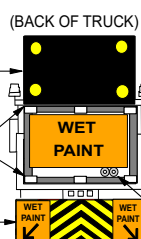


GO23-1

PROTECTIVE VEHICLE/TMA # 1



FLASHING ARROW  
PANEL  
EMERGENCY  
ALERT LIGHTS



OR  
SLOW  
VEHICLES  
GO25-1

ADVANCE WARNING VEHICLE

(FRONT OF TRUCK)

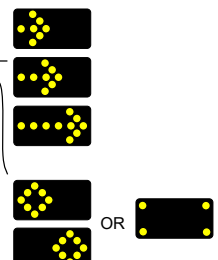
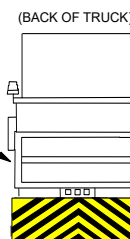


OR  
GO22-4

LEFT LANE  
CLOSED  
AHEAD  
WO20-5  
CENTER  
OR  
RIGHT  
GO25-2P

GO25-2

LEFT LANE  
CLOSED  
SPECIAL



## 616.8.35STRIPE (TA-35STRIPE) Two lanes: Right Lane Closed with Right Shoulder Advance Warning Vehicle

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



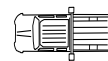
Flashing Arrow Panel (FAP)



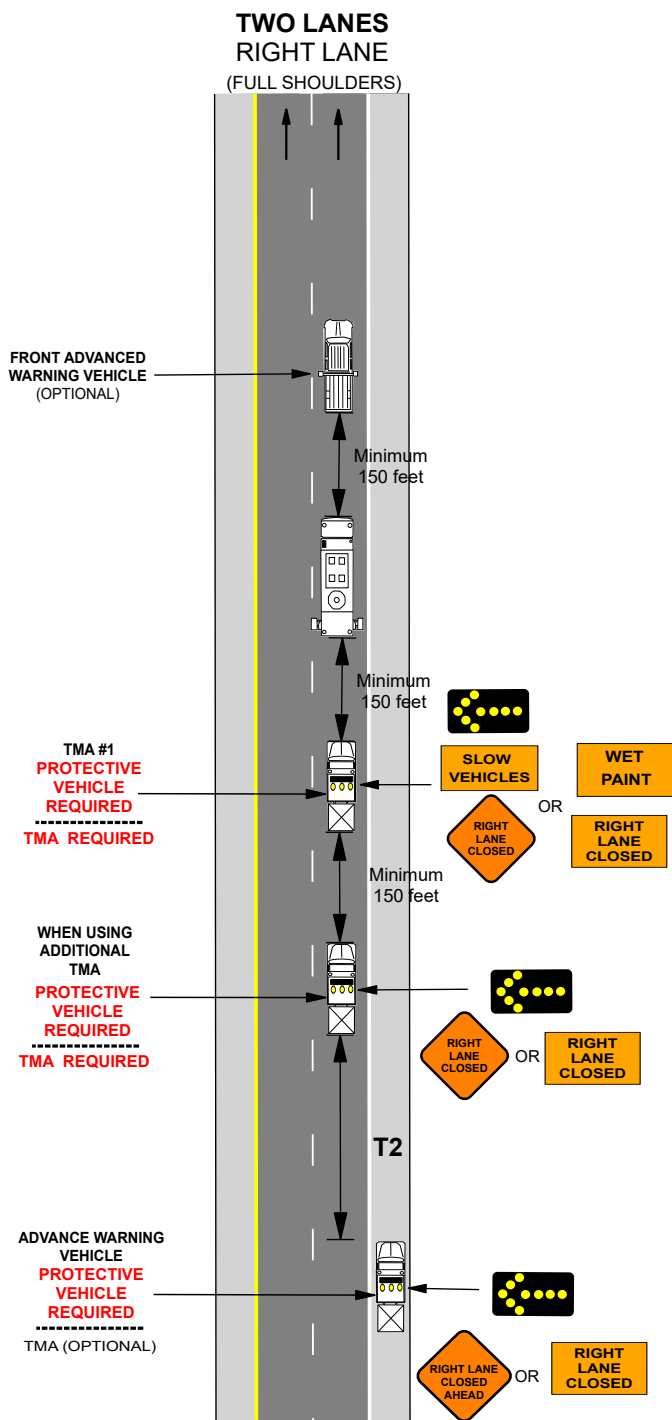
Protective Vehicle



Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle



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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



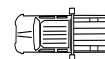
Flashing Arrow Panel (FAP)



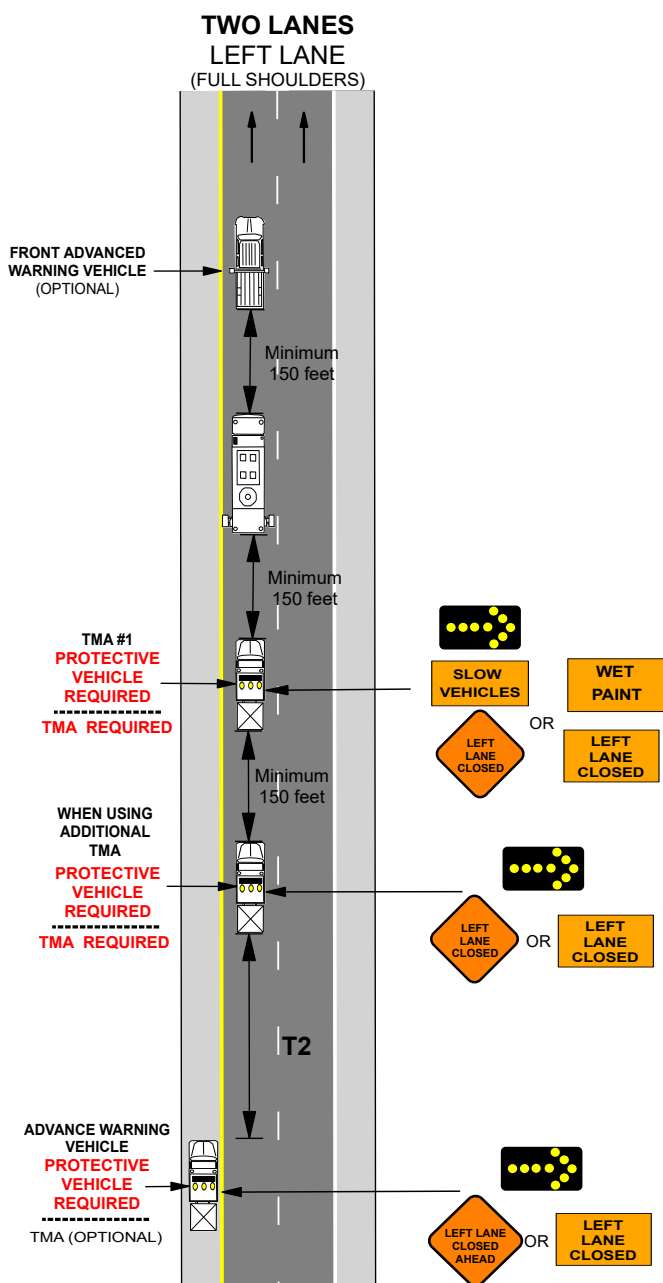
Protective Vehicle



Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle



Date:

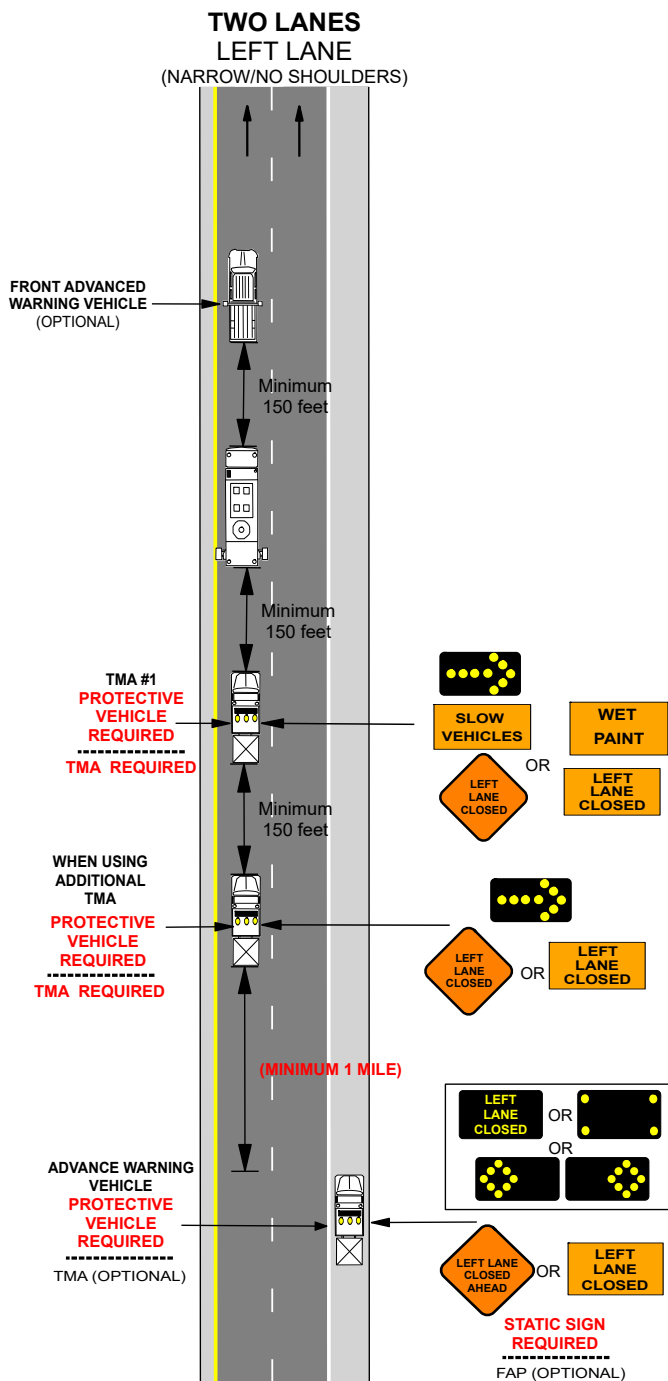
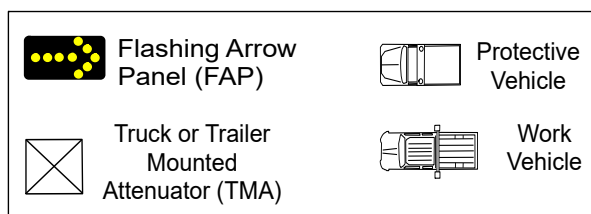
Type of Work:

Location:

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:

Type of Work:

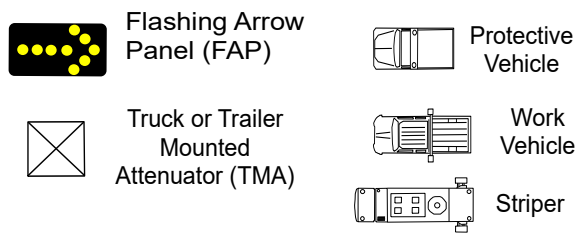
Location:

Work Zone Specialist:

Field Notes:

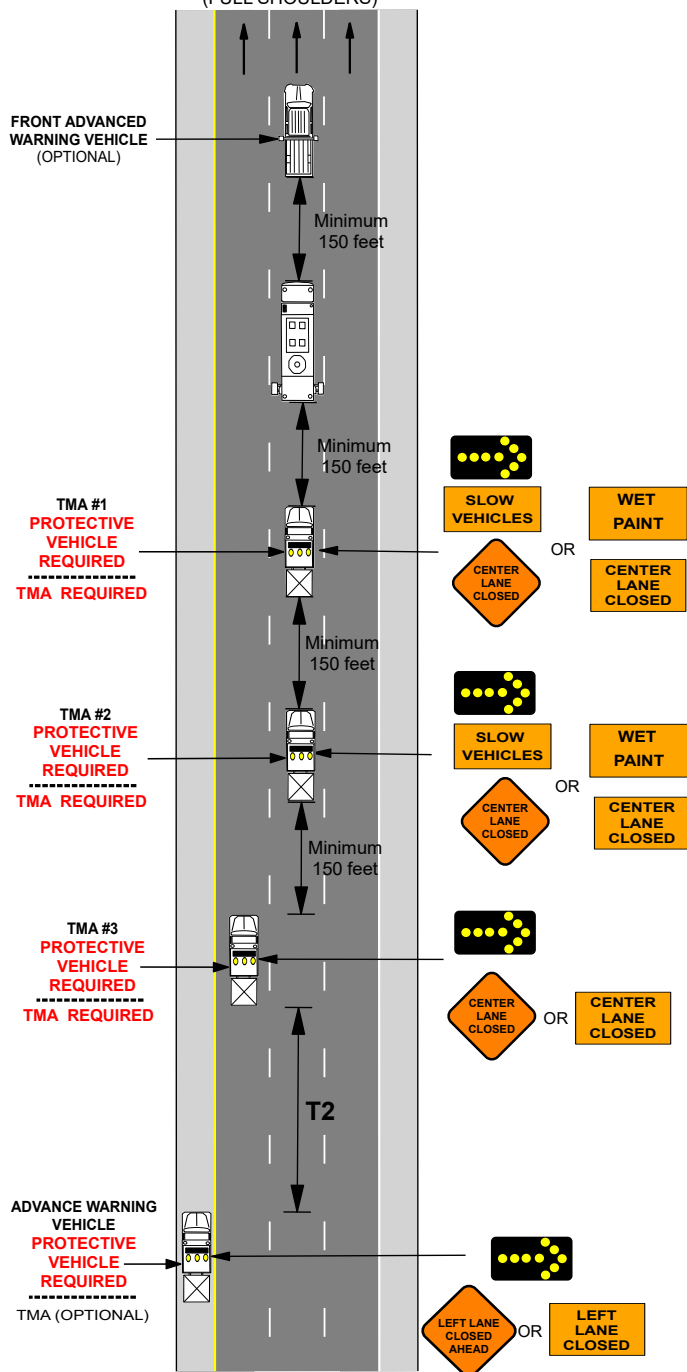
## 616.8.35STRIPE (TA-35STRIPE) Three or more lanes: Center Lane Closed with Left Shoulder Advance Warning Vehicle

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



### THREE OR MORE LANES

CENTER LANE  
(FULL SHOULDER)



Date:

Type of Work:

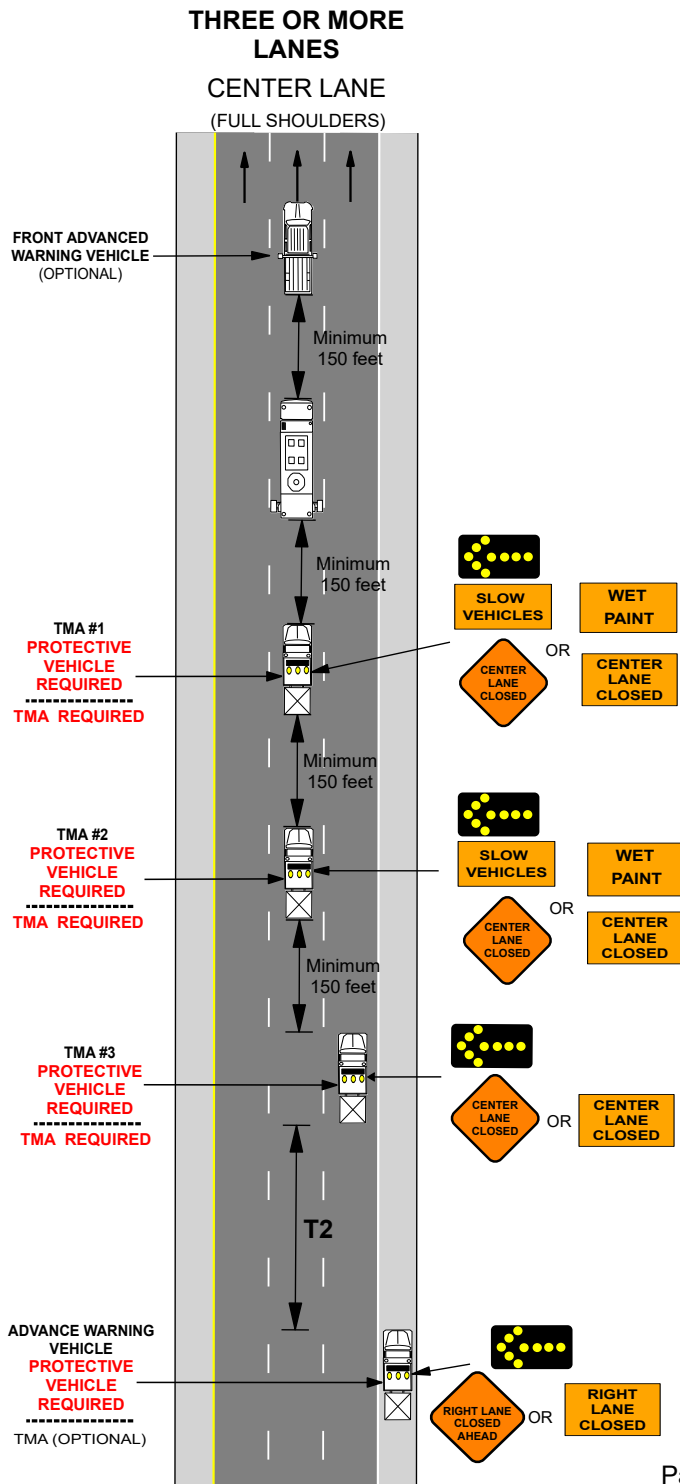
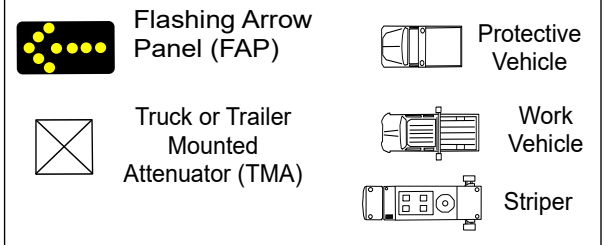
Location:

Work Zone Specialist:

Field Notes:

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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



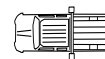
Flashing Arrow Panel (FAP)



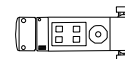
Protective Vehicle



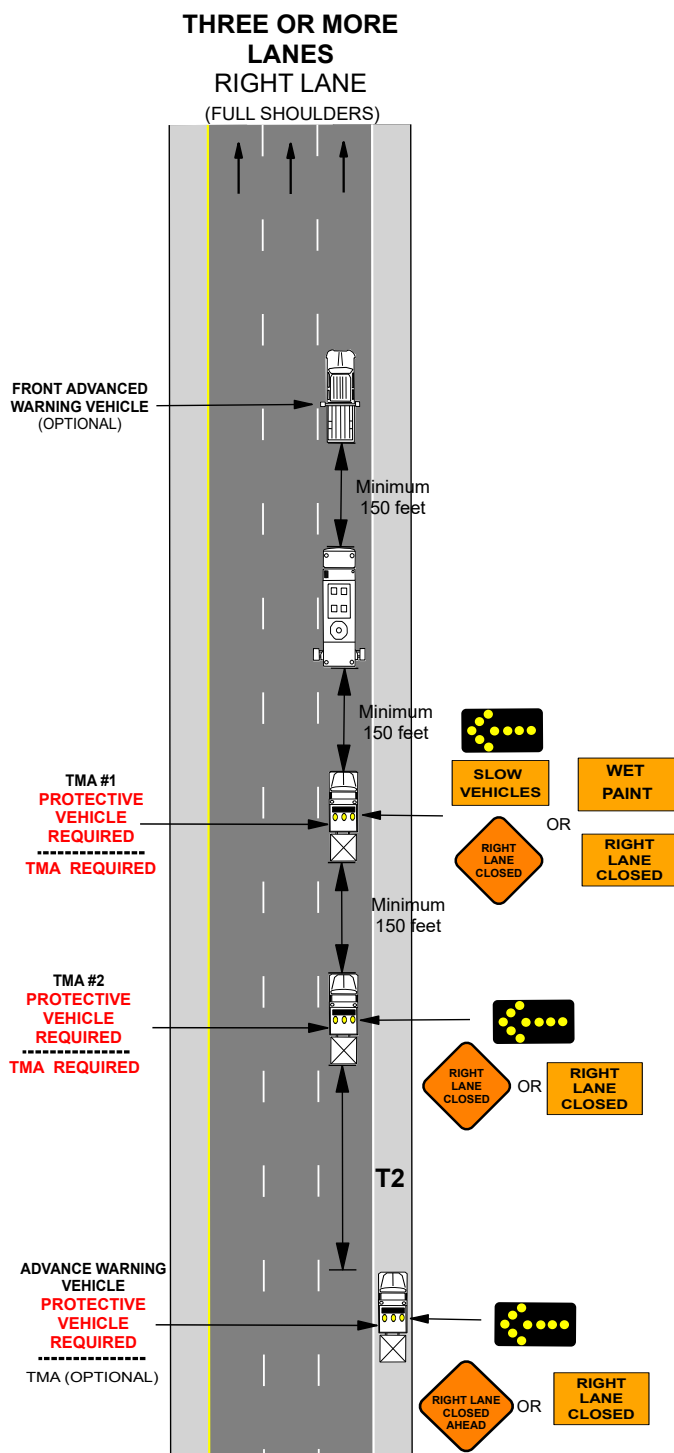
Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle



Striper



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:



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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



Flashing Arrow Panel (FAP)



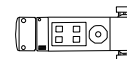
Protective Vehicle



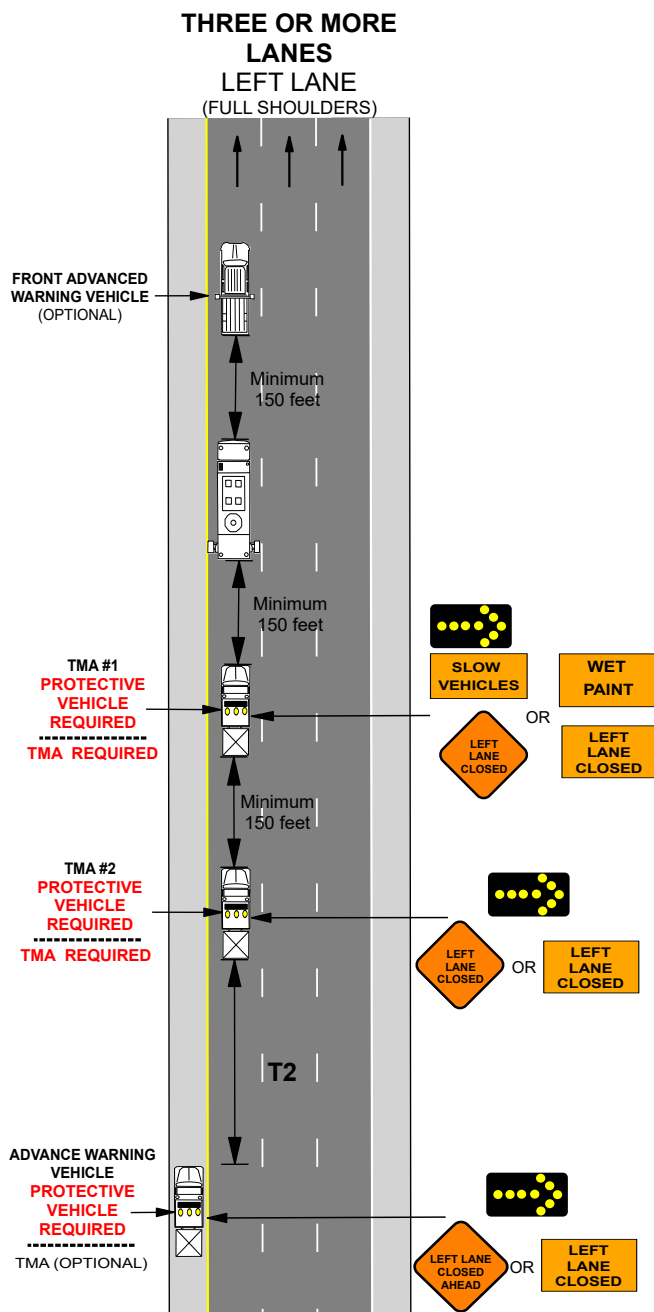
Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle



Striper



Date:

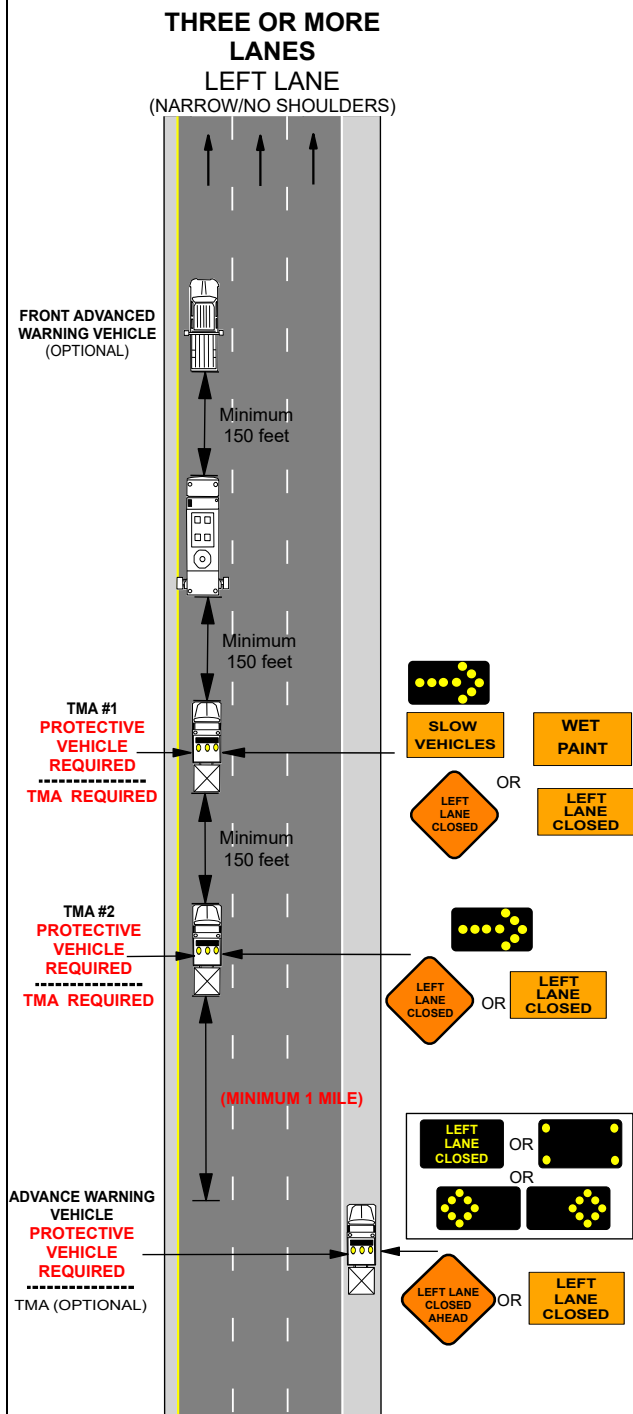
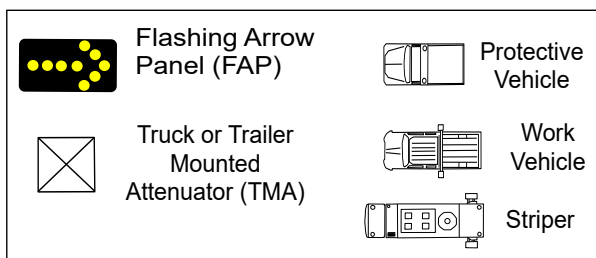
Type of Work:

Location:

Work Zone Specialist:

Field Notes:

# 616.8.35STRIPE (TA-35STRIPE) Three or more lanes: Left Lane Closed with Narrow/No Shoulders with Right Shoulder Advance Warning Vehicle



Date:

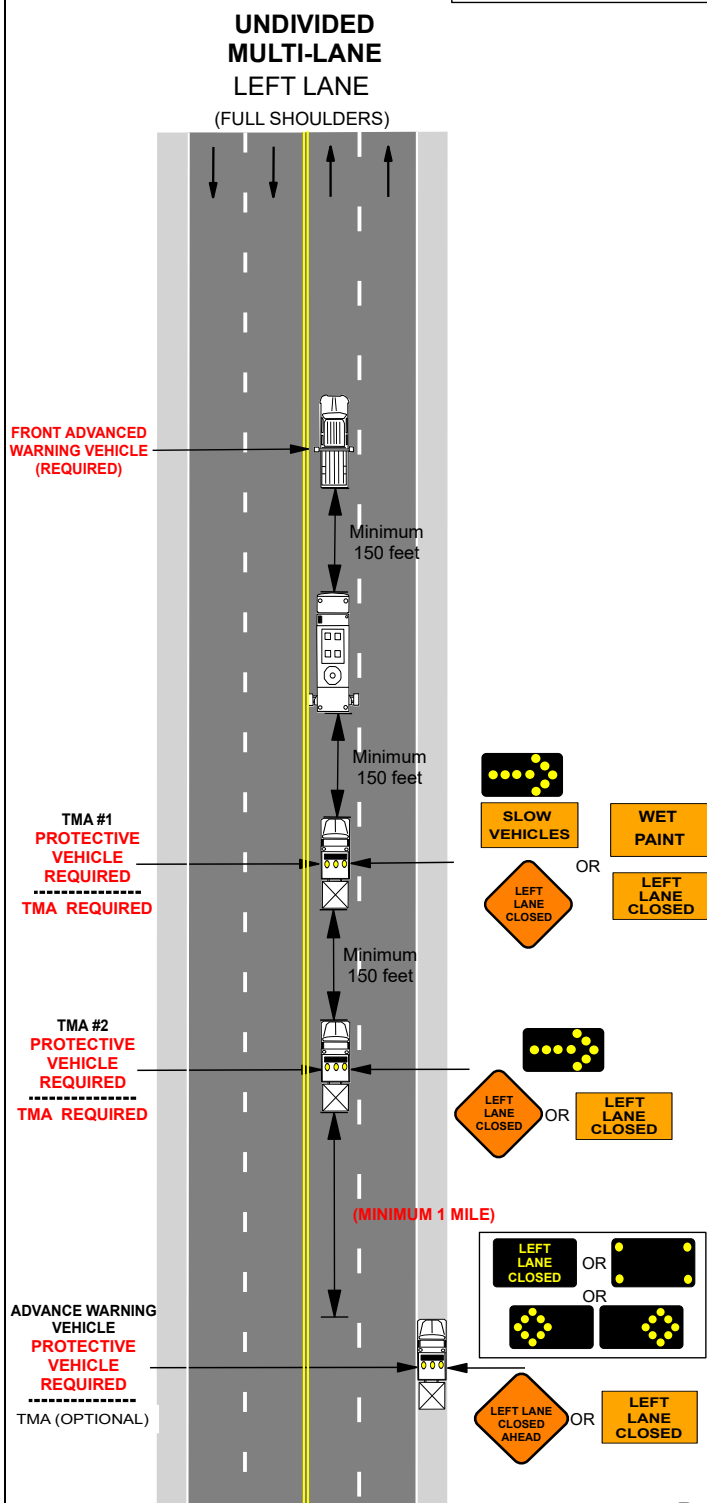
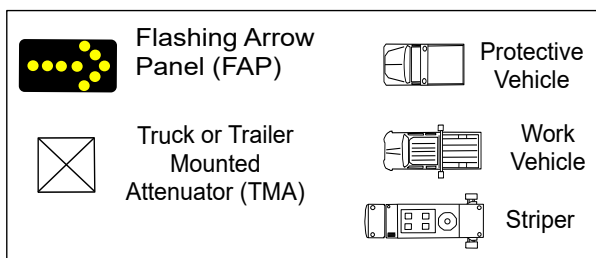
Type of Work:

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:

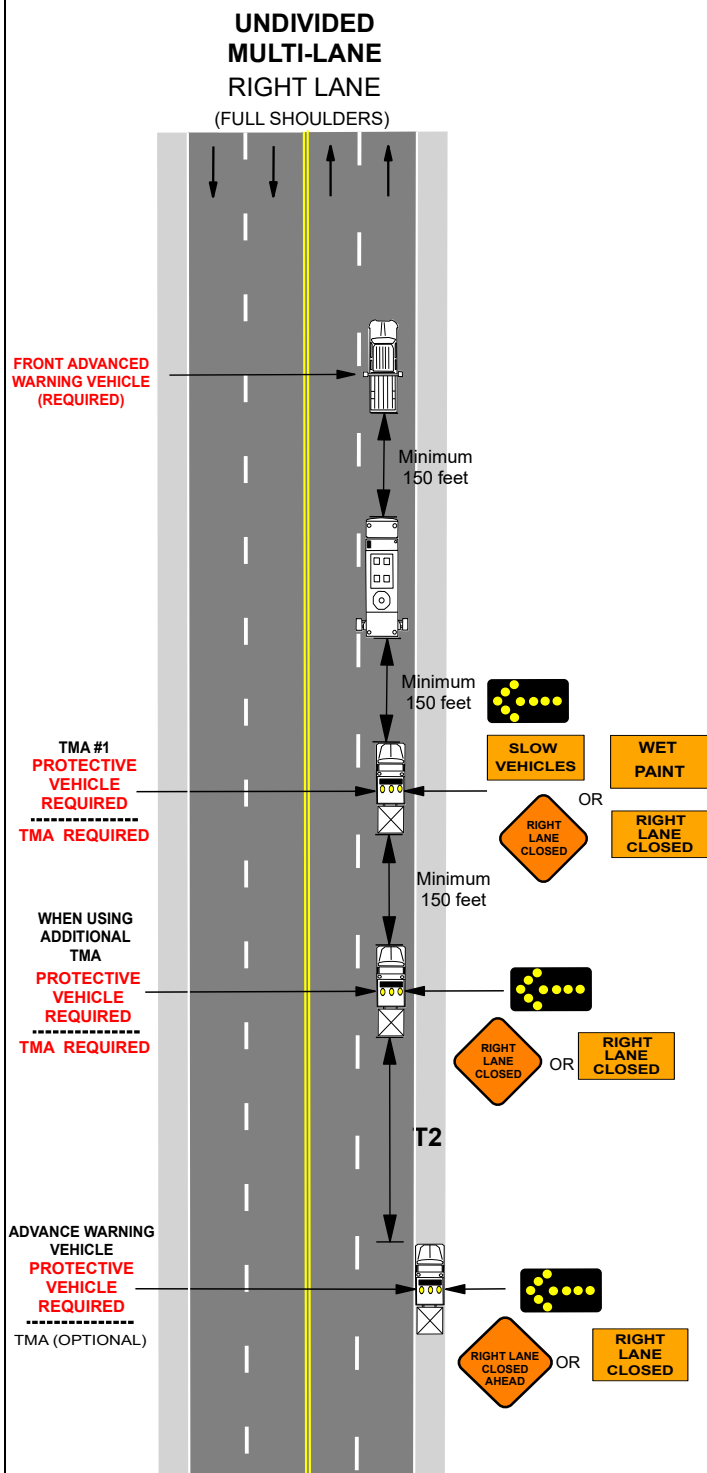
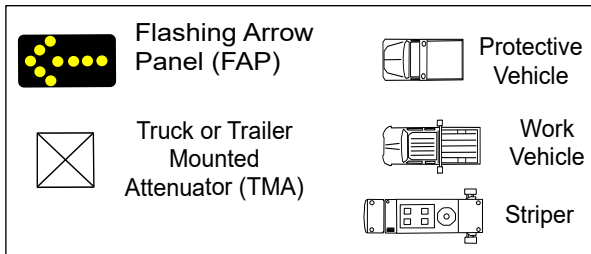
Location:

Work Zone Specialist:

Field Notes:

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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes:

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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



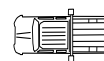
Flashing Arrow Panel (FAP)



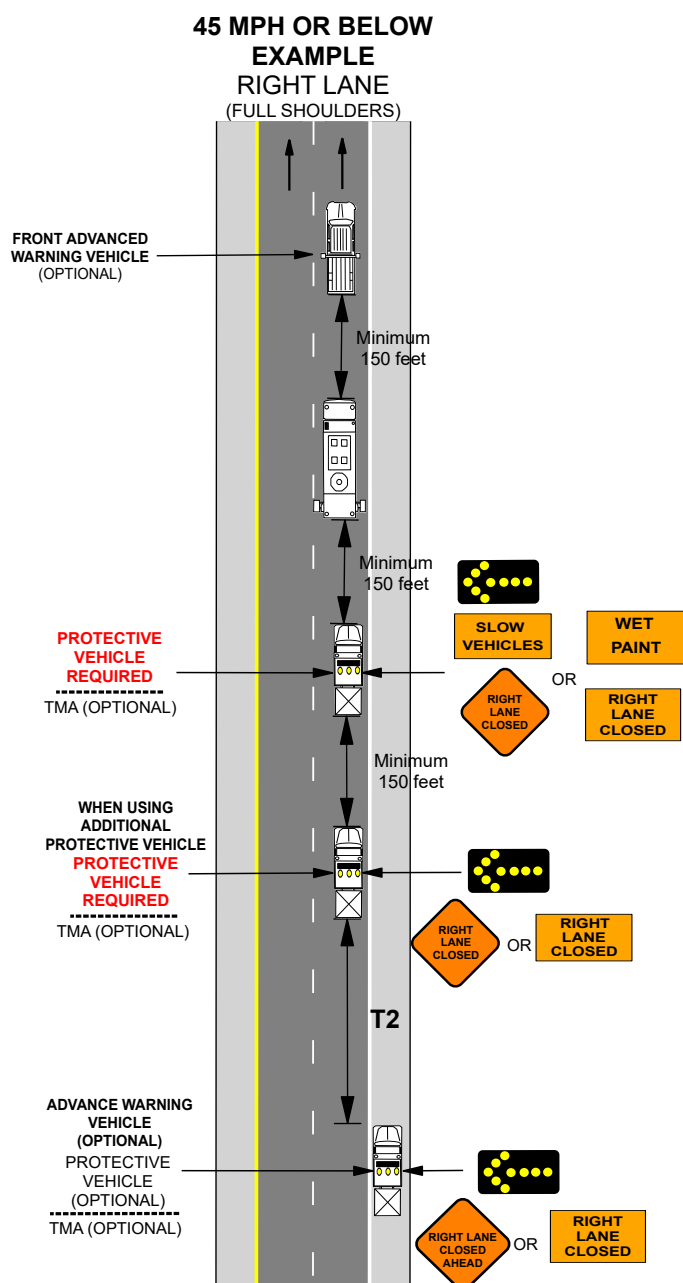
Protective Vehicle



Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle



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

SPEED	SPACING LENGTH (ft.)
Permanent Posted (mph)	Spacing (T2)
0-35	245
40-45	540
50-55	660
60-70	840



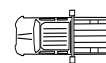
Flashing Arrow Panel (FAP)



Protective Vehicle

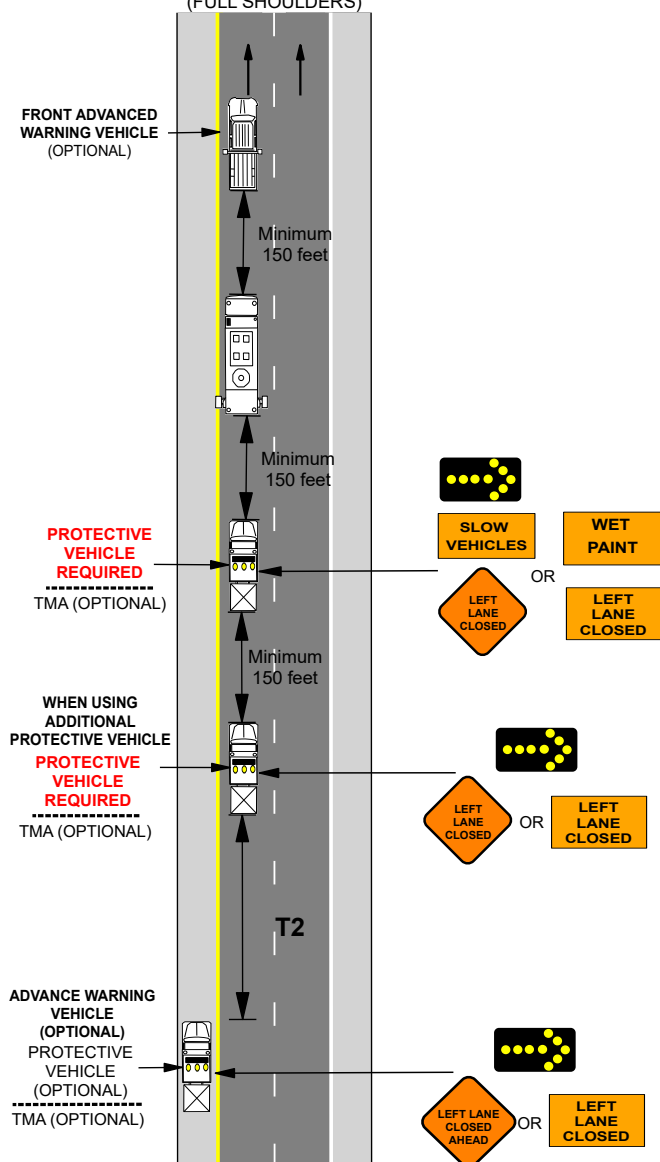


Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle

### 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

45 MPH OR BELOW  
EXAMPLE  
LEFT LANE  
(NARROW/NO SHOULDERS)



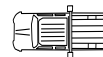
Flashing Arrow Panel (FAP)



Protective Vehicle



Truck or Trailer Mounted Attenuator (TMA)



Work Vehicle

FRONT ADVANCED WARNING VEHICLE (OPTIONAL)

Minimum 150 feet

Minimum 150 feet

PROTECTIVE VEHICLE REQUIRED  
TMA (OPTIONAL)



SLOW VEHICLES

WET PAINT



OR

LEFT LANE CLOSED

Minimum 150 feet

WHEN USING ADDITIONAL PROTECTIVE VEHICLE  
PROTECTIVE VEHICLE REQUIRED  
TMA (OPTIONAL)



OR

LEFT LANE CLOSED

45 MPH OR BELOW  
EXAMPLE  
RIGHT LANE  
(NARROW/NO SHOULDERS)

FRONT ADVANCED WARNING VEHICLE (OPTIONAL)

Minimum 150 feet

Minimum 150 feet

PROTECTIVE VEHICLE REQUIRED  
TMA (OPTIONAL)



SLOW VEHICLES

WET PAINT



OR

RIGHT LANE CLOSED

Minimum 150 feet

WHEN USING ADDITIONAL PROTECTIVE VEHICLE  
PROTECTIVE VEHICLE REQUIRED  
TMA (OPTIONAL)



OR

RIGHT LANE CLOSED

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	660
60-70	840



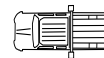
Flashing Arrow  
Panel (FAP)



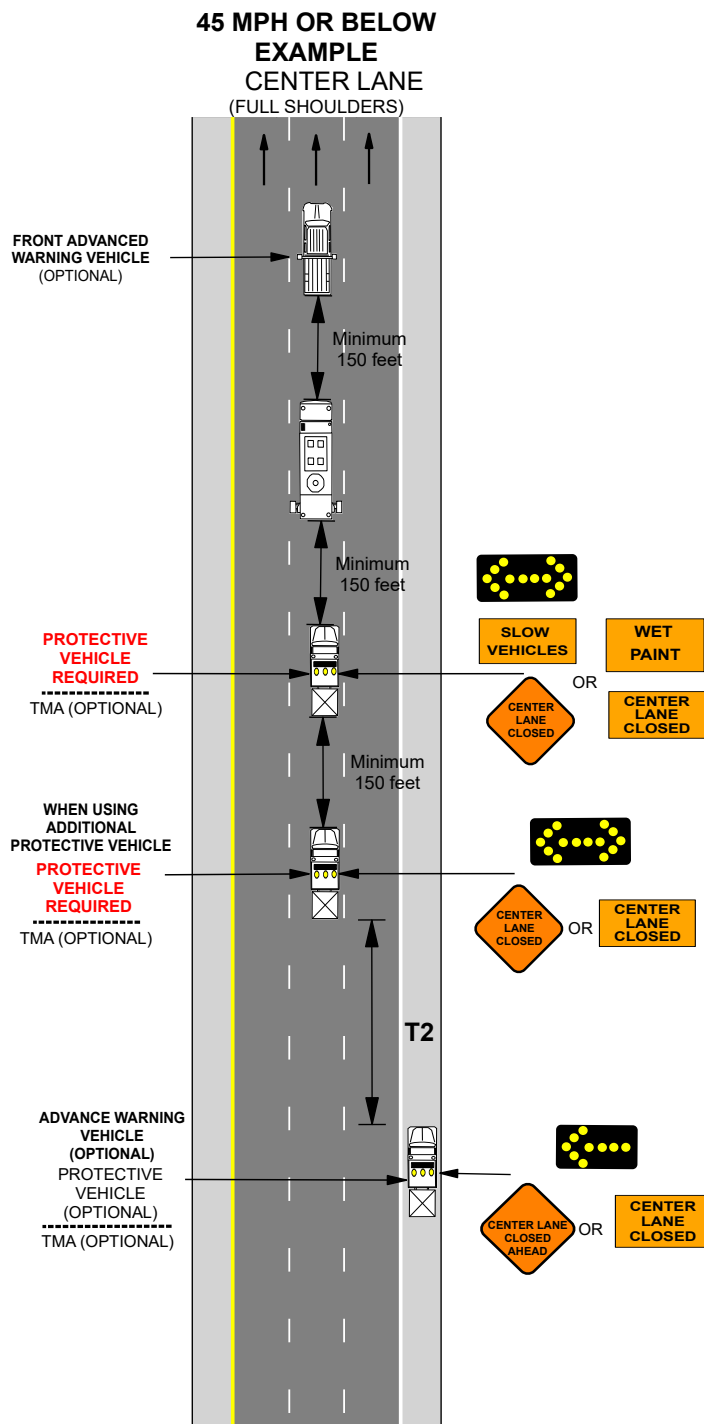
Protective  
Vehicle



Truck or Trailer  
Mounted  
Attenuator (TMA)



Work  
Vehicle



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes: