

# Multi-Lane Undivided Roads

A roadway having two or more lanes of traffic traveling in the same direction with no physical barriers separating the opposing traffic Lane.

**Multi-Lane  
Undivided**

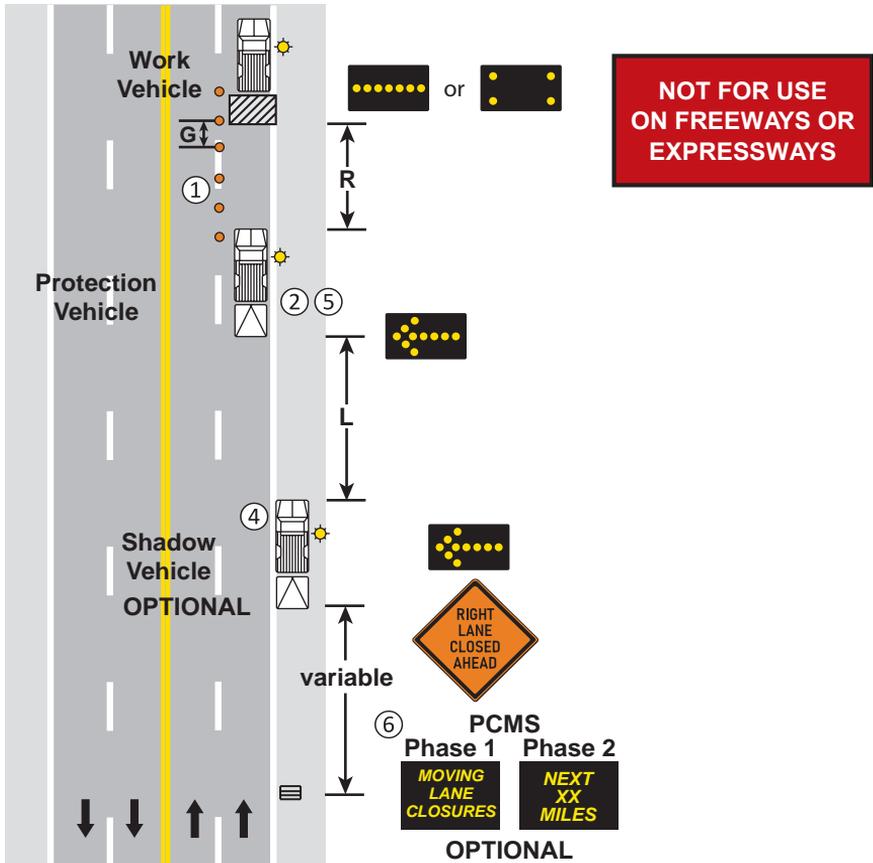
Pages 81-90

**\*Drawings Not To Scale**

<b>MULTI-LANE UNDIVIDED ROADS</b>				
	<b>MOBILE 15 Minutes or Less</b>	<b>SHORT DURATION 1 Hour or Less</b>	<b>SHORT TERM 12 Hours or Less</b>	<b>INTERMEDIATE TERM 3 Days Or Less</b>
Work Vehicle Parked on Shoulder	4		6	
Work on Shoulder	7		6	
Work off Shoulder	6			
Work off Roadway	8			
Shoulder or Parking Lane Closure	6			
Partial Shoulder Closure for Trailer Mounted Devices	5			
<b>Lane Closures</b>				
Mobile/Short Duration	37			
Near Intersection	58	29, 30, 41, 42, 43		
Left Lane	39			
Right Lane	38			
Turn Lane	29,30			
Double Lane	40			
Temporary Road Closure (15 minute intervals)	44			
Temporary Road Closure	28			
Sidewalk Closure	85, 86			
Crossroad and Confirmation Signing	31			

**NOTES:**

- ① Channelizing devices may be omitted if the operation moves at least the Decision Sight Distance (D) every 15 minutes or less (mobile operation).
- ② May use additional Protection Vehicle (not shown on layout) to close shoulder in advance of Work Vehicle.
- 3. Any Shadow Vehicle or Protection Vehicle operating totally or partially in a traffic lane shall be equipped with a TMA.
- ④ The Shadow Vehicle may encroach into the traffic lane when the shoulder is too narrow to drive on.
- ⑤ If the Shadow Vehicle is not used and there is no PCMS, the Protection Vehicle must have a RIGHT LANE CLOSED AHEAD sign.
- ⑥ The PCMS shall be used for nighttime operations.



**MOBILE/SHORT DURATION LANE CLOSURE  
MULTI-LANE UNDIVIDED ROAD**

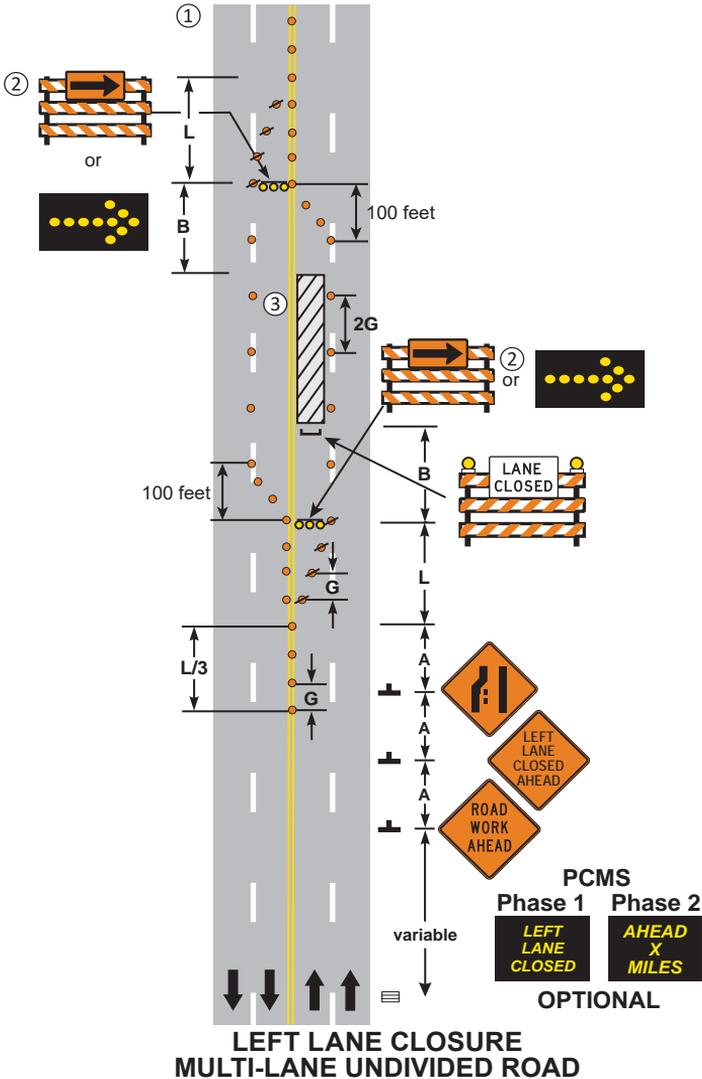
**1 HOUR or LESS**

**LAYOUT 37**



**NOTES:**

- ① The advance warning sign sequence is shown for one direction only. Signing from the other direction shall be identical.
- ② For speeds 45 mph and greater, an Arrow Board shall be used. If Arrow Board is not used, substitute a Type III Barricade with WO1-6 Sign in the lane closure taper.
- ③ Lane may be opened when workers are not present in the work area.
4. END ROAD WORK sign should be placed 500 feet past work area.
5. When available width is less than 16 feet, a Max Width (W12-52) sign should be used with a posted width 1 foot less than available width.



**3 DAYS or LESS**

**LAYOUT 39**

**NOTES:**

① For speeds 45 mph and greater, an Arrow Board shall be used. If Arrow Board is not used, substitute a Type III Barricade with WO1-6 sign in the lane closure taper and remove the five drum delineation.

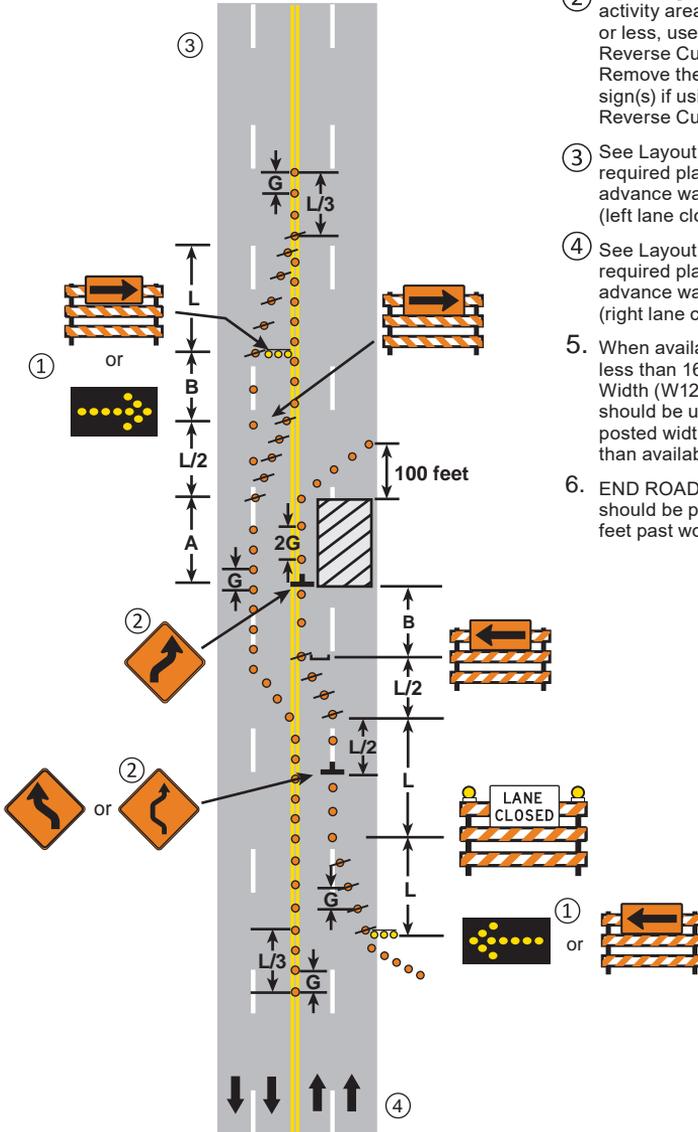
② If the tangent length of activity area is 600 feet or less, use the Double Reverse Curve sign. Remove the Reverse Curve sign(s) if using the Double Reverse Curve sign.

③ See Layout 39 for required placement of advance warning signs (left lane closed).

④ See Layout 38 for required placement of advance warning signs (right lane closed).

5. When available width is less than 16 feet, a Max Width (W12-52) sign should be used with a posted width 1 foot less than available width.

6. END ROAD WORK sign should be placed 500 feet past work area.



**DOUBLE LANE CLOSURE  
MULTI-LANE UNDIVIDED ROAD**

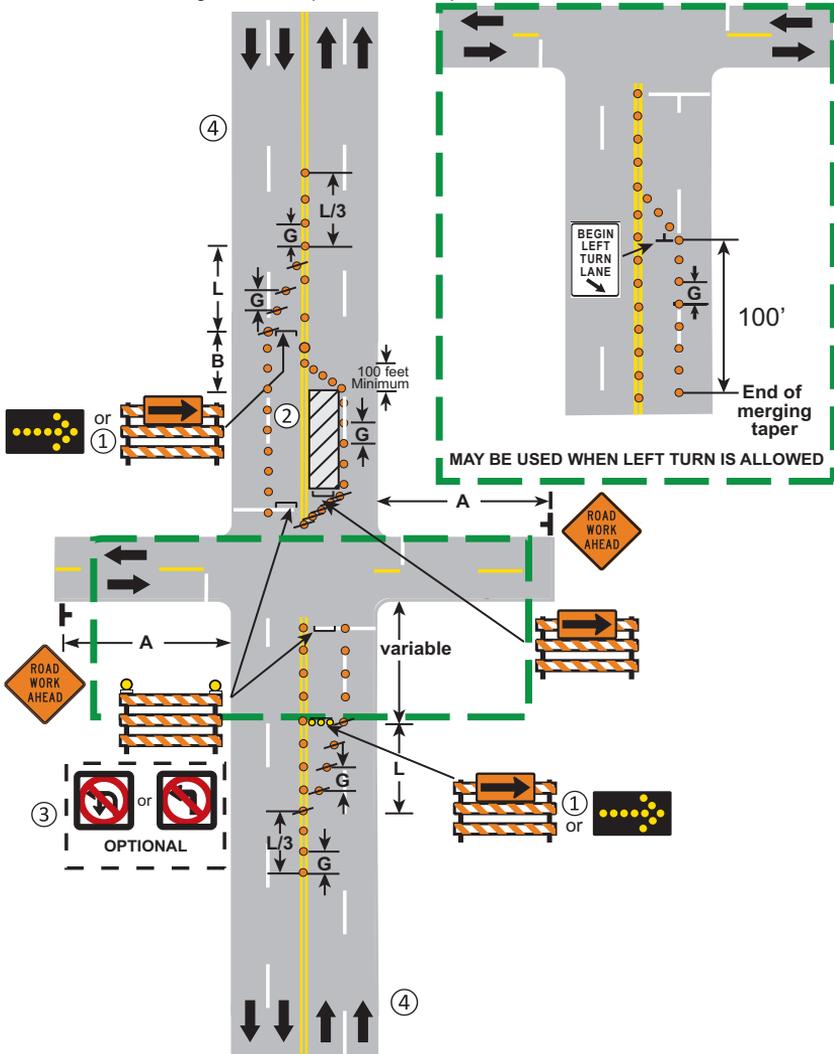
**3 DAYS or LESS**

**LAYOUT 40**



**NOTES:**

- ① For speeds 45 mph and greater, an Arrow Board shall be used. If Arrow Board is not used, substitute a Type III Barricade with WO1-6 sign in the lane closure taper.
- ② The lane closure may be omitted when the workers are not at the work site.
- ③ Signs are required if turns are prohibited.
- ④ See Layout 39 for required placement of advance warning signs.
5. END ROAD WORK sign should be placed 500 feet past work area.



**LEFT LANE CLOSURE  
WORK SPACE AT INTERSECTION  
MULTI-LANE UNDIVIDED ROAD**

**3 DAYS or LESS**

**LAYOUT 42**

**NOTES:**

① For speeds 45 mph and greater, an Arrow Board shall be used. If an Arrow Board is not used, substitute a Type III Barricade with WO1-6 sign in the lane closure taper and remove the five drum delineation.

2. Before beginning work at any signalized intersection, contact the appropriate road authority for the placement of temporary STOP signs or signal timing modifications.

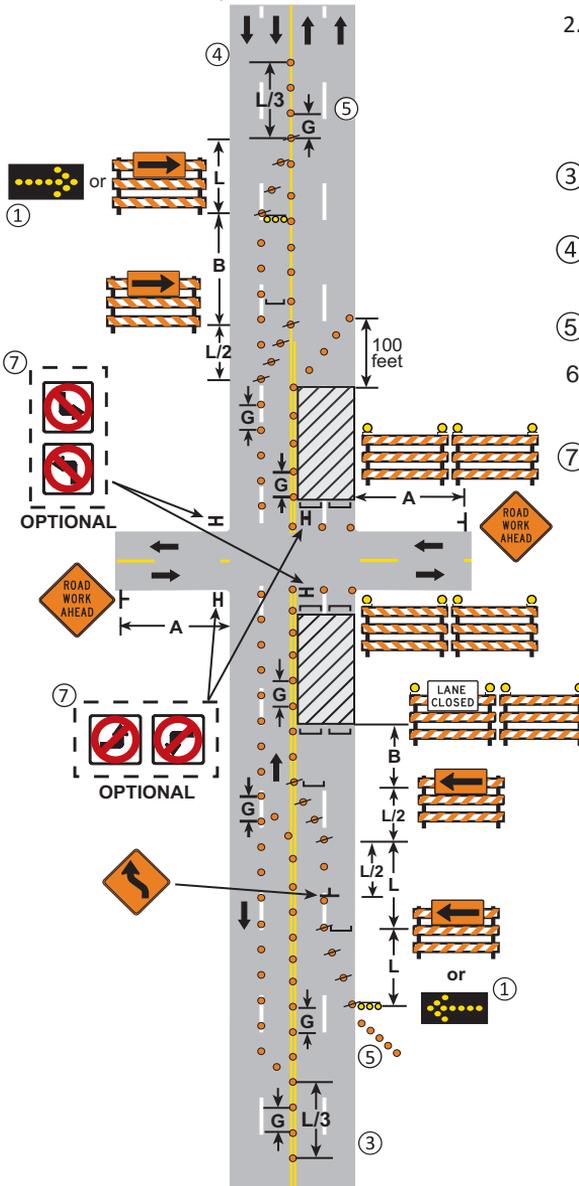
③ For the required placement of advance warning signs, see Layout 38 right lane closed.

④ For the required placement of advance warning signs, see Layout 39 left lane closed.

⑤ If there is a shoulder, close the shoulder using a taper.

6. END ROAD WORK sign should be placed 500 feet past work area.

⑦ Signs are required if turns are prohibited



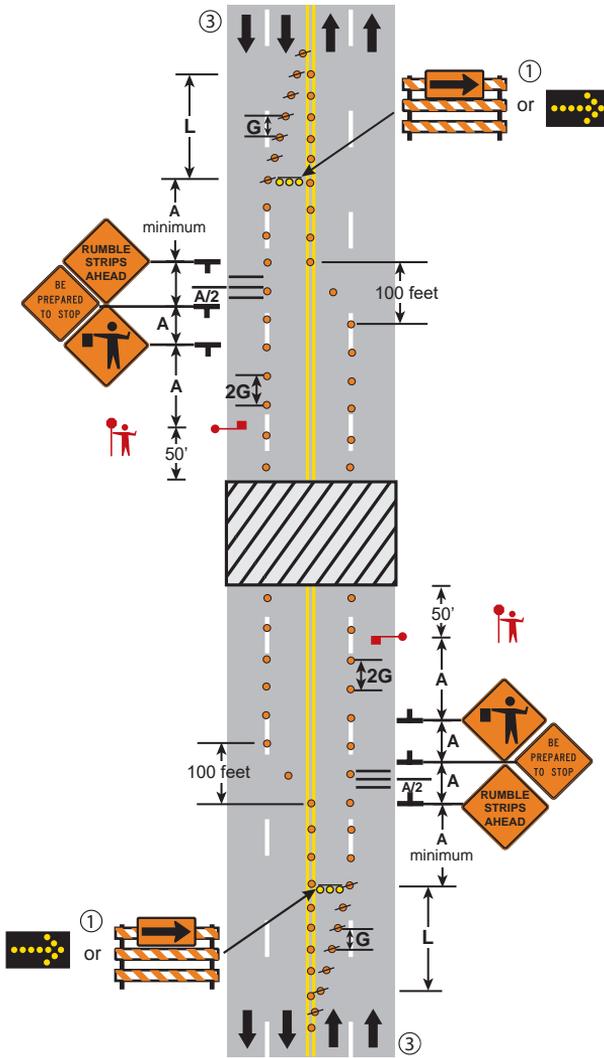
**DOUBLE LANE CLOSURE AT INTERSECTION  
MULTI-LANE UNDIVIDED ROAD**

**3 DAYS or LESS**

**LAYOUT 43**

**NOTES:**

1. For speeds 45 mph and greater, an Arrow Board shall be used. If an Arrow Board is not used, substitute a Type III Barricade with WO1-6 sign in the lane closure taper.
2. Traffic should not be stopped for intervals greater than 15 minutes.
- ③ Traffic control shall be identical for both directions. See Layout 39 for required placement of advance warning signs.
4. END ROAD WORK sign should be placed 500 feet past work area.



**TEMPORARY ROAD CLOSURE  
MULTI-LANE UNDIVIDED ROAD**

**12 HOURS or LESS**

**LAYOUT 44**