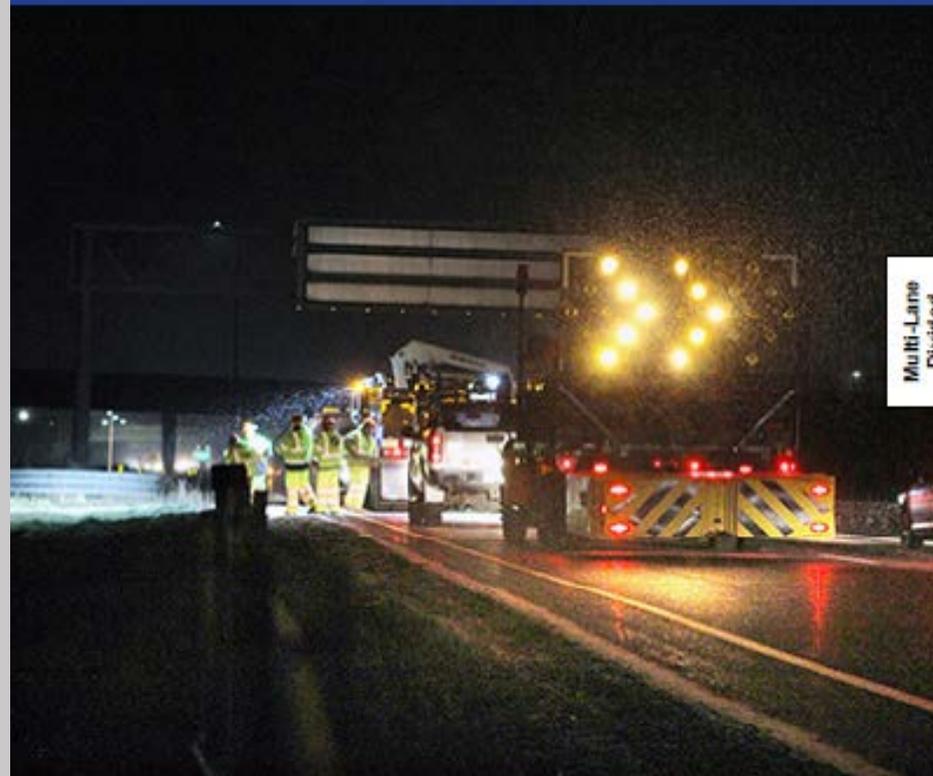


Multi-Lane Divided Road

Two separate roadways where opposing traffic is separated by a median.

**Drawings Not To Scale*



MULTI-LANE DIVIDED ROADS

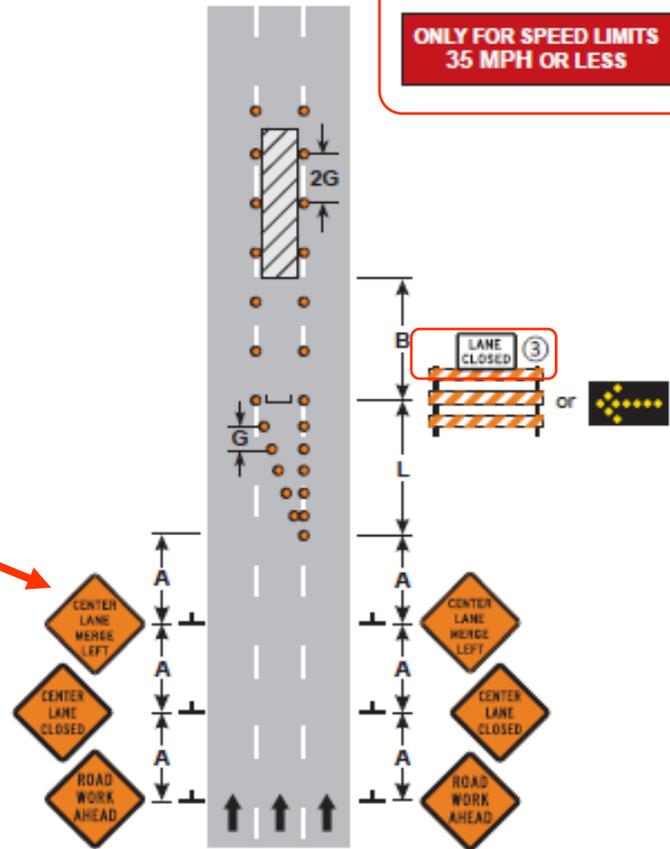
	MOBILE 15 Minutes or Less	SHORT DURATION 1 Hour or Less	SHORT TERM 12 Hours or Less	INTERMEDIATE TERM 3 Days or Less
Work Vehicle Parked on Shoulder	6		8	
Work on Shoulder	9		8	
Work off Shoulder	8			
Work off Roadway	10			
Shoulder or Parking Lane Closure	8			
Partial Shoulder Closure for Trailer Mounted Devices	7			
Lane Closures				
Mobile/Short Duration	49, 50, 51			
Near Intersection	63	33, 64, 65, 66, 75		
Center Lane	56 *			
Left/Right Lane	57, 58, 64, 65			
Turn Lane	33, 75			
Turn Lane on Dual Turn Lanes	75			
Double Lane	51		59, 60	
Extended Lane	61			
Lane Shift	62			
Near Ramp	67, 68, 69			
Partial Ramp Closure	70			
Ramp Closure	52, 53, 54		71, 72	
Closure at Top of Entrance Ramp	74			
Re-Surfacing Operation	66			
Temporary Road Closure (15 minute intervals)	55		73	
Temporary Road Closure	32			
Sidewalk Closure	88, 89			
Bike Lane Closure	87			
Crossroad and Confirmation Signing	35			

* NOTE: Posted Speed Limit 35 mph or less only.

NOTES:

- 1. If traffic volumes are low, a double lane closure is preferred.
- 2. Consider a double lane closure when workers are present.
- 3. The LANE CLOSED sign is optional.

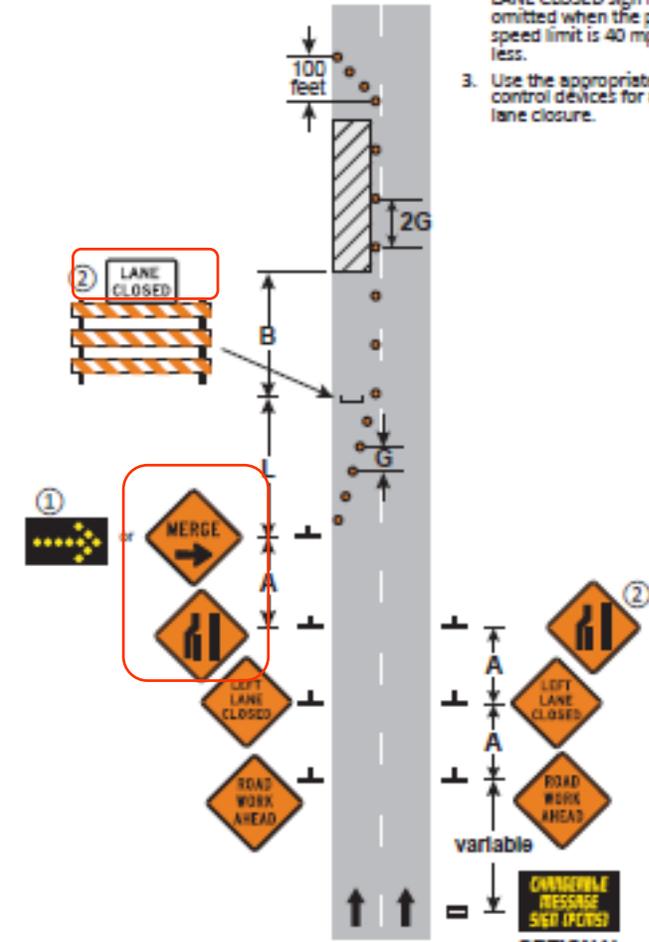
**ONLY FOR SPEED LIMITS
35 MPH OR LESS**



CENTER LANE CLOSURE
MULTI-LANE DIVIDED OR ONE WAY ROAD
3 DAYS or LESS
6K-56
LAYOUT 56

NOTES:

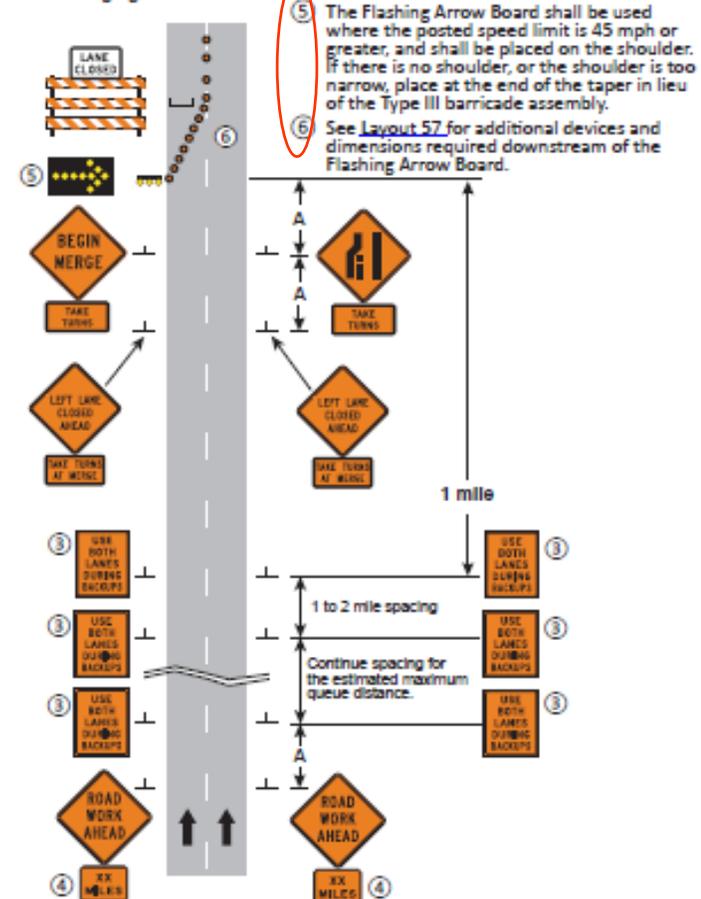
- 1. The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater, and shall be placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly.
- 2. The Lane Ends sign and/or LANE CLOSED sign may be omitted when the posted speed limit is 40 mph or less.
- 3. Use the appropriate traffic control devices for a right lane closure.



LANE CLOSURE
MULTI-LANE DIVIDED ROAD
3 DAYS or LESS
6K-57
LAYOUT 57

NOTES:

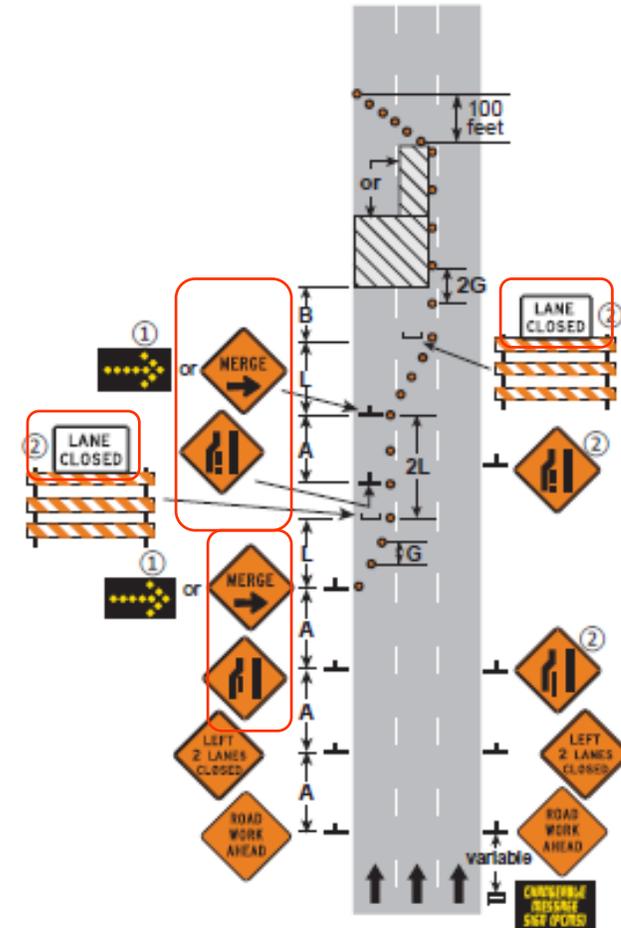
1. This layout should be used on roadways 45 mph and greater where traffic queues may extend at least 0.5 mile upstream of the taper.
2. Use the appropriate traffic control devices for a left lane closure.
3. A PCMS may be used in place of a pair of USE BOTH LANES DURING BACKUPS signs.
4. XX MILES advisory plaques are recommended when the distance is 2 miles or more. Plaques shall be placed directly below or on the lower side of the warning sign nearest traffic.



LANE CLOSURE with PASSIVE ZIPPER MERGE
 MULTI-LANE DIVIDED ROAD
 3 DAYS or LESS
 6K-58
 LAYOUT 58

NOTES:

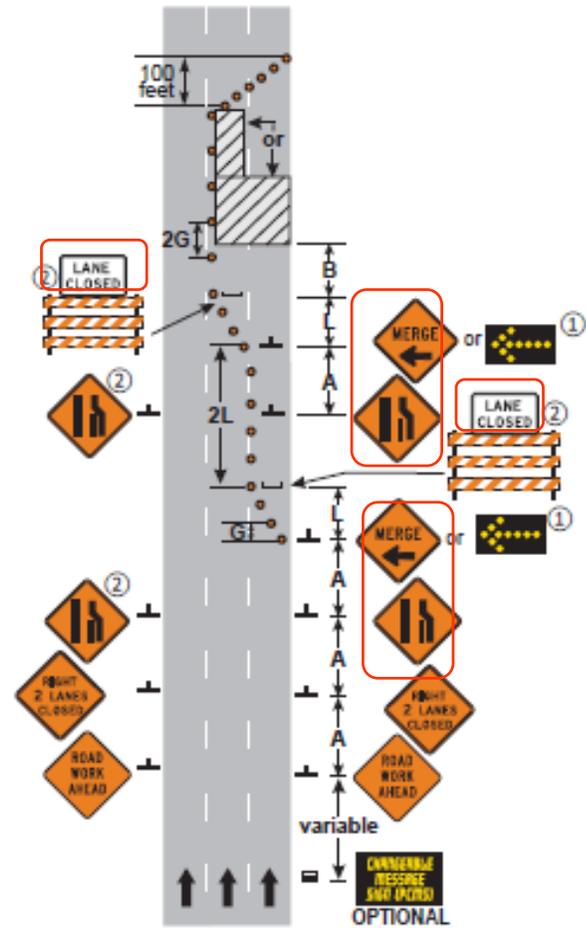
1. The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater, and shall be placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly.
2. The LANE CLOSED and/or the Lane Ends sign may be omitted when the posted speed limit is 40 mph or less.



LEFT TWO LANES CLOSED
 MULTI-LANE DIVIDED ROAD
 3 DAYS or LESS
 6K-59
 LAYOUT 59

NOTES:

- ① The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater and placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly.
- ② The LANE CLOSED and/or the Lane Ends sign may be omitted when the posted speed limit is 40 mph or less.



RIGHT TWO LANES CLOSED
MULTI-LANE DIVIDED ROAD

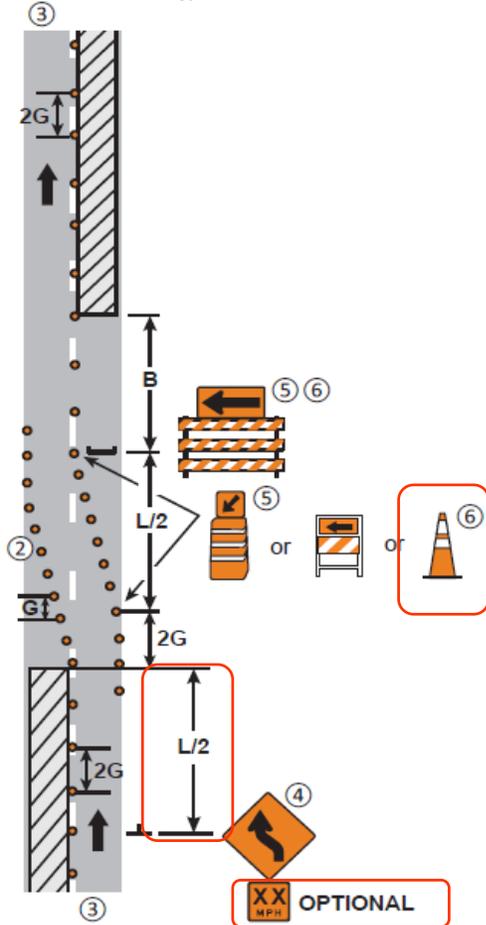
3 DAYS or LESS

6K-60

LAYOUT 60

NOTES:

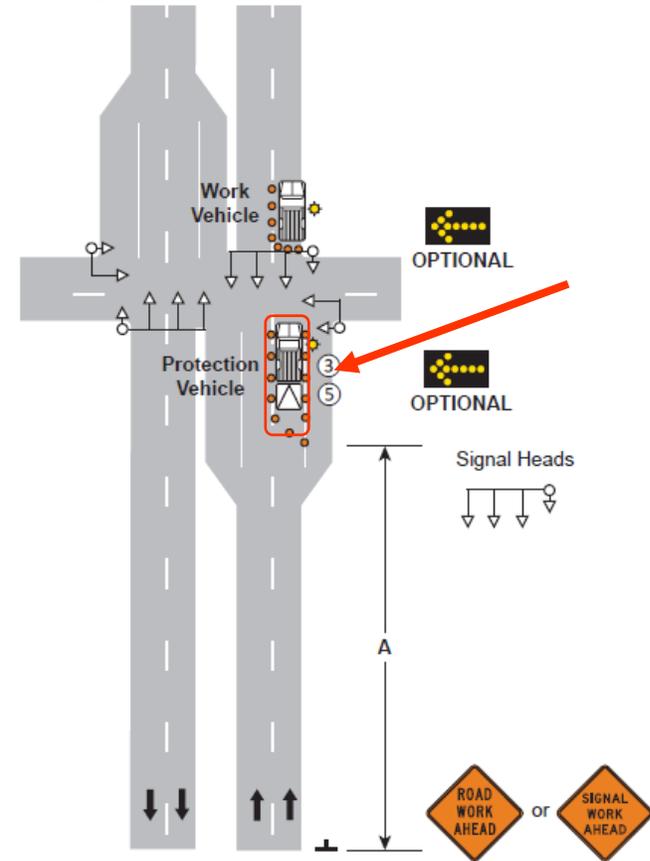
1. For one lane of traffic only.
2. Continue the pattern and the spacing of devices for additional lateral shift if shifting from right lane to left lane on more than a 2 lane roadway.
3. For advance signing, placement of traffic control devices, lane taper, see the appropriate stationary layout.
4. The Reverse Curve sign may be omitted when the posted speed limit is 40 mph or less.
5. Directional arrows shall be used on either the drums or the Type III barricade.
6. Cones may be used if work zone is attended. If using cones, a directional arrow shall also be used on the Type III barricade.



LANE SHIFT
MULTI-LANE DIVIDED OR ONE WAY ROAD
 3 DAYS or LESS
 6K-62
 LAYOUT 62

NOTES:

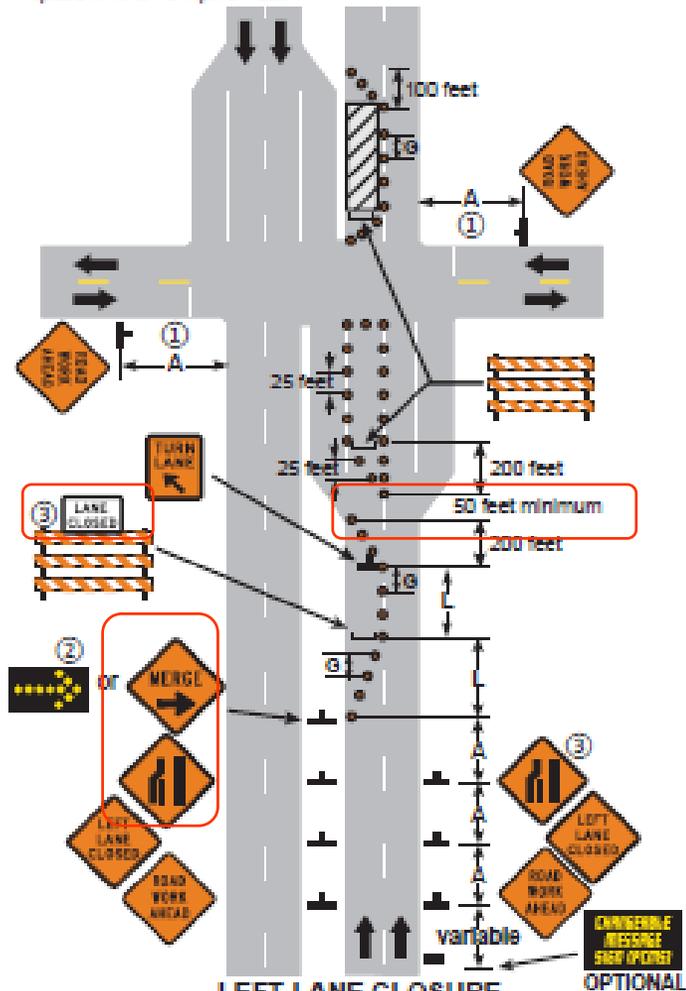
1. The operation shall not remain in one location for more than 15 minutes.
2. If the work space is not visible for at least the Decision Sight Distance (D), the appropriate stationary layout shall be used.
3. The traffic control signal should be put in an ALL-RED flash mode to facilitate traffic control at the work site. The Protection Vehicle may be omitted when signal is placed in ALL-RED flash mode. Channelizing devices may be omitted if a Protection Vehicle with a Flashing Arrow Board and TMA is used.
4. There should be little or no encroachment into the cross-street traffic path.
5. If signals are not placed in all-red flash, the Protection Vehicle should be equipped with a TMA and a Flashing Arrow Board.
6. The Work Vehicle shall display and operate a 360-degree vehicle flashing warning light visible from 60 feet.



LANE CLOSURE
At Far Side of Signalized Intersection
 15 MINUTES or LESS
 6K-63
 LAYOUT 63

NOTES:

- ① Use the appropriate advance warning sign spacing for the speed on the cross road.
- ② The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater and placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly.
- ③ The LANE CLOSED and/or the Lane Ends sign may be omitted when the posted speed limit is 40 mph or less.



3 DAYS or LESS

LEFT LANE CLOSURE
Work Space Beyond Intersection

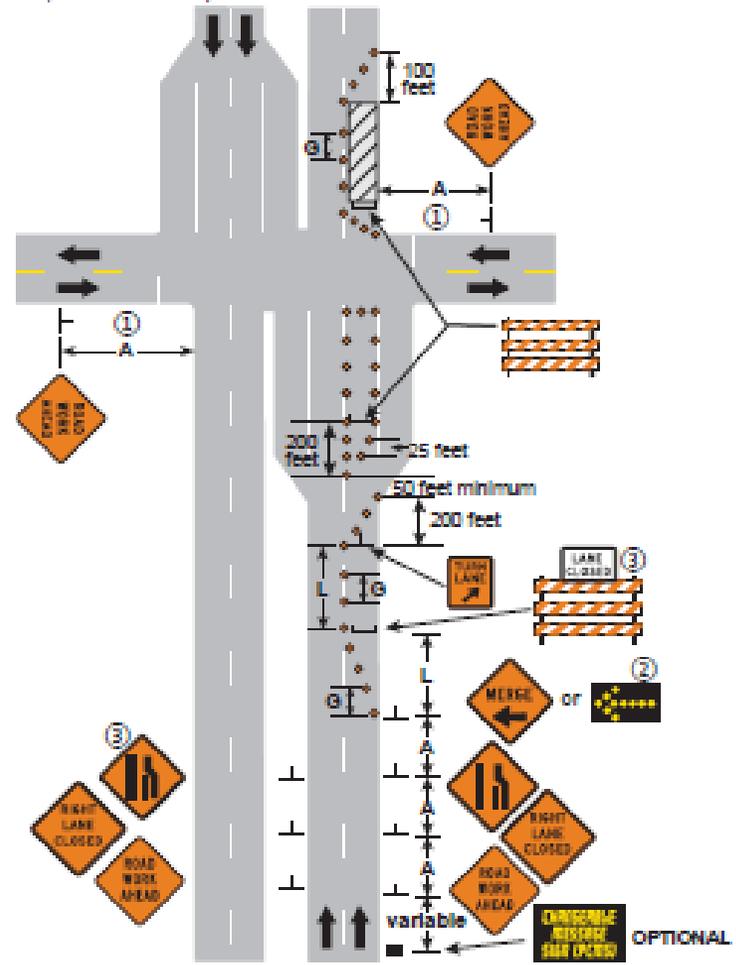
MULTI-LANE DIVIDED ROAD

6K-64

LAYOUT 64

NOTES:

- ① Use the appropriate advance warning sign spacing for the speed on the cross road.
- ② The Flashing Arrow Board shall be used where the posted speed limit is 45 mph or greater, and shall be placed on the shoulder. If there is no shoulder, or the shoulder is too narrow, place at the end of the taper in lieu of the Type III barricade assembly.
- ③ The LANE CLOSED and/or the Lane Ends sign may be omitted when the posted speed limit is 40 mph or less.



3 DAYS or LESS

RIGHT LANE CLOSURE
Work Space Beyond Intersection

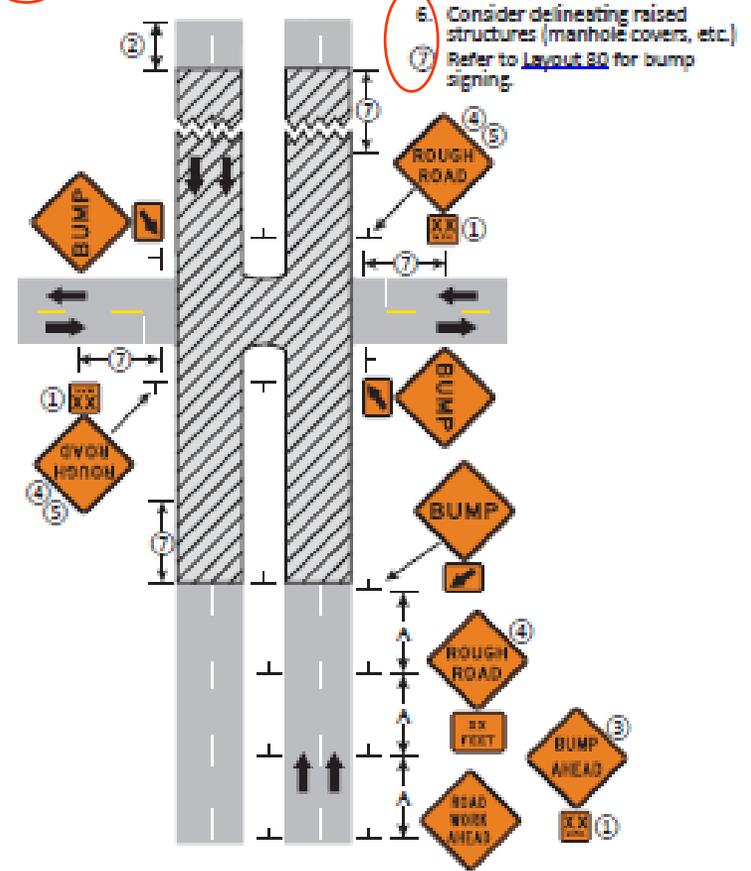
MULTI-LANE DIVIDED ROAD

6K-65

LAYOUT 65

NOTES:

- ① When used, XX MPH advisory speed plaques shall be placed directly below or on the lower side nearest traffic of the appropriate warning sign(s).
- ② Use the same warning signs and spacings for the other approach to the milled roadway surface area.
- ③ The BUMP AHEAD sign may be omitted if the speed reduction to navigate the bump is 10 mph or less.
- ④ Use the appropriate warning sign for the roadway condition, i.e. GROOVED PAVEMENT, LOOSE GRAVEL, ROUGH ROAD. An advisory Motorcycle plaque may be placed below or on the lower side nearest traffic of the appropriate warning sign if the warning is directed primarily to motorcyclists.
- ⑤ Refer to [Layout 35](#) for confirmation signing.

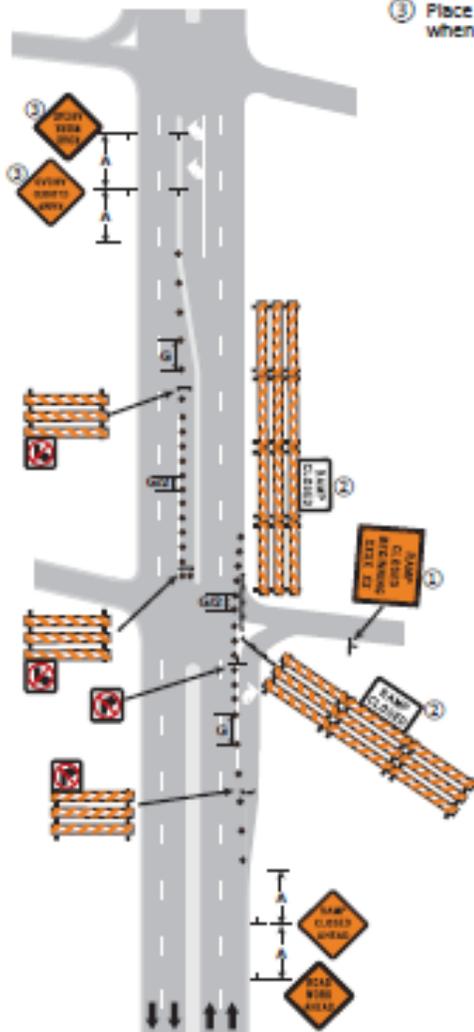


RE-SURFACING OPERATION
 Work Space Before and Through Intersection
MULTI-LANE DIVIDED ROAD
 3 DAYS or LESS
 6K-66
 LAYOUT 66

NOTES:

- ① Ramp Closure Notice sign should be installed in advance (timewise) to provide adequate notification of upcoming closure as required by the road authority.
- ② Use ROAD CLOSED (R11-2) when road is closed.

- ③ Place on left shoulder/median when possible.



**CLOSURE AT TOP OF ENTRANCE RAMP
MULTI-LANE DIVIDED ROAD**

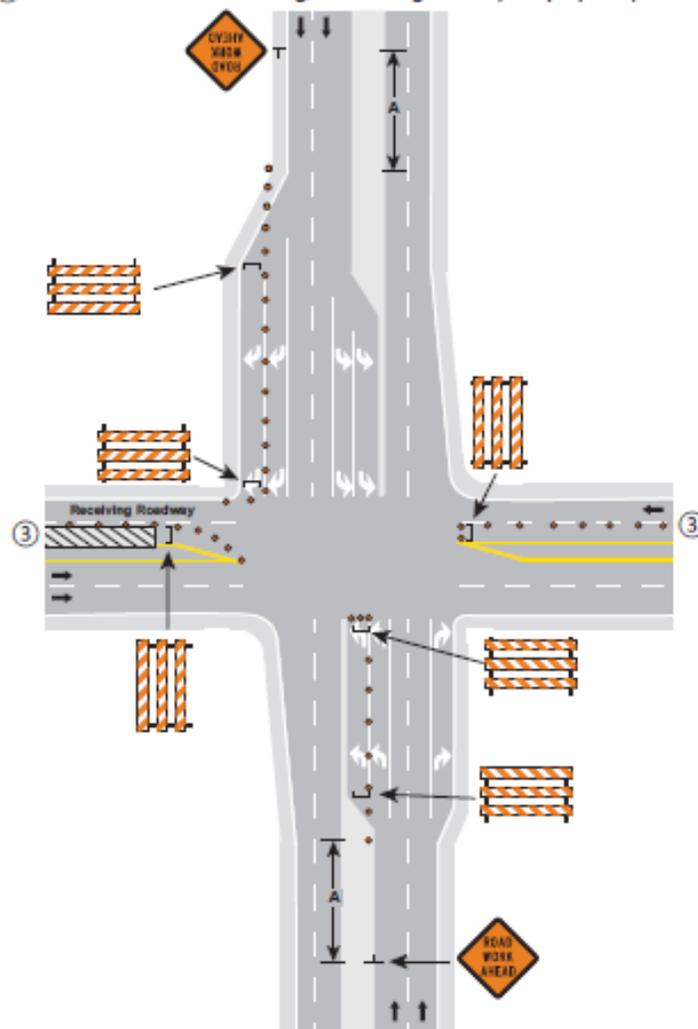
3 DAYS or LESS

6K-74

LAYOUT 74

NOTES:

1. Contact the road authority for signal timing modifications before beginning work at or near any signalized intersection.
2. It is preferable to close the left-most dual left turn lane and the right-most dual right turn lane regardless of which lane is closed on the receiving roadway. Verify that turning movements can be completed.
- ③ For traffic control on receiving/intersecting roadway see proper layout.



CLOSING ONE TURN LANE ON DUAL TURN LANES

3 DAYS or LESS

Work on Intersecting Roadway

6K-75

LAYOUT 75