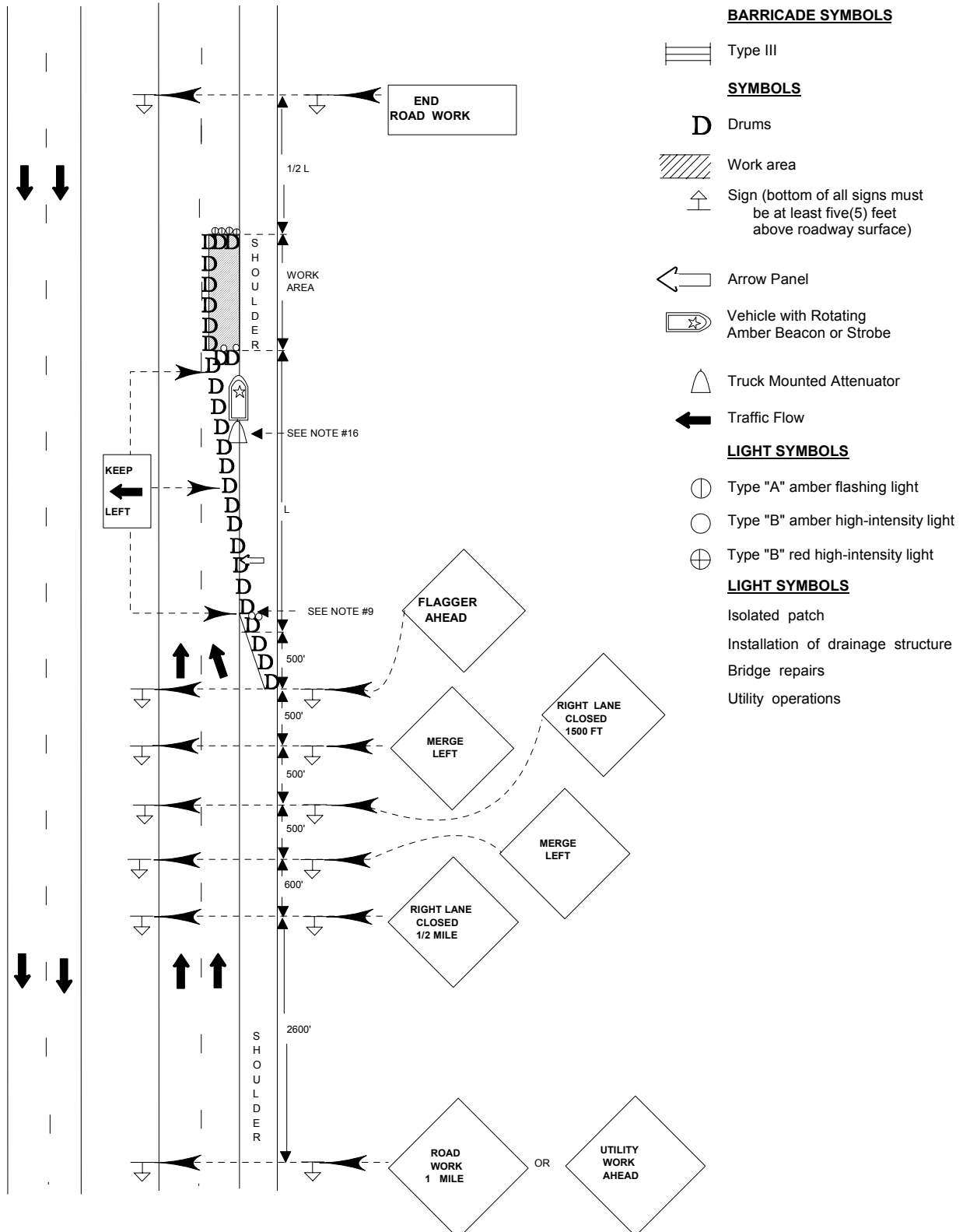


**STANDARD DESIGN**  
**TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR**  
**HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS**  
**CASE 16**  
**MULTILANE, DIVIDED, OPERATIONS**  
**EXCEEDING ONE DAYLIGHT OPERATION**



## CASE 16

### MULTILANE, DIVIDED, OPERATIONS EXCEEDING ONE DAYLIGHT OPERATION

Where, at any time, any vehicle, equipment, worker or their activities will encroach in the area between the centerline and the outside of the roadway or pavement.

#### General Notes

1. All vehicles, equipment, workers (except FLAGGER) and their activities are restricted at all times to one side of the pavement, unless otherwise authorized by the Traffic Engineer.
2. The "L" distance equals the lane width times the posted speed limit. Controlled access highways shall have a minimum taper of 1000'.
3. When authorized by the Engineer, the first two (2) warning signs in the series shall be omitted and the merge sign shall be replaced with ROAD OR UTILITY CONSTRUCTION AHEAD.
4. When traffic volumes permit or there is no work being performed, the FLAGGER signs and the FLAGGER will not be required. RIGHT LANE CLOSED 500 FEET sign(s) shall be installed in place of the FLAGGER sign(s).
5. This case also applies when work is being performed in the LEFT hand most lane of a Multilane Highway. Under these conditions. LEFT LANE CLOSED 500 FEET signs shall be substituted for RIGHT LANE CLOSED 500 FEET signs and MERGE RIGHT signs shall be substituted for MERGE LEFT signs. Also, KEEP RIGHT signs shall be substituted for KEEP LEFT.
6. For multilane undivided roadways, the signs in the median are omitted. Signs shall be added in the opposite direction in conformance with CASE 4.
7. This case does not apply when work is being performed in the middle lane(s) of a six or more lane highway. Special plans, approved by the Engineer, will be required.
8. Cones may be substituted for Drums during day operations.
9. Drums used on tapers shall be placed at approximately right angles to the traffic flow and at not more than 25 ft. intervals for the first four (4) Drums and not more than 50 ft. intervals for all other required.
10. A minimum of two (2) AMBER, TYPE B, high-intensity flashing warning lights shall be used at night in advance of the work area.
11. Drums shall be equipped with one (1) amber Type "B" flashing lights at the point of hazard. One (1) amber Type "B" flashing lights shall be used on the first drum in the series for delineation.
12. All signs shall be post mounted if closure time exceeds four (4) days, unless otherwise authorized by the Traffic Engineer.
13. Longitudinal dimensions may be adjusted slightly to fit field conditions.
14. When a side road intersects the highway on which work is being performed, additional traffic control devices shall be erected as directed by the Engineer.
15. All vehicles in a work area shall display flashing lights installed for the purpose of warning approaching drivers of a vehicular traffic hazard requiring unusual care in approaching, overtaking, or passing.
16. Vehicle with appropriately rated truck mounted attenuator shall be used on roadways with posted speed limits in excess of 35 mph.