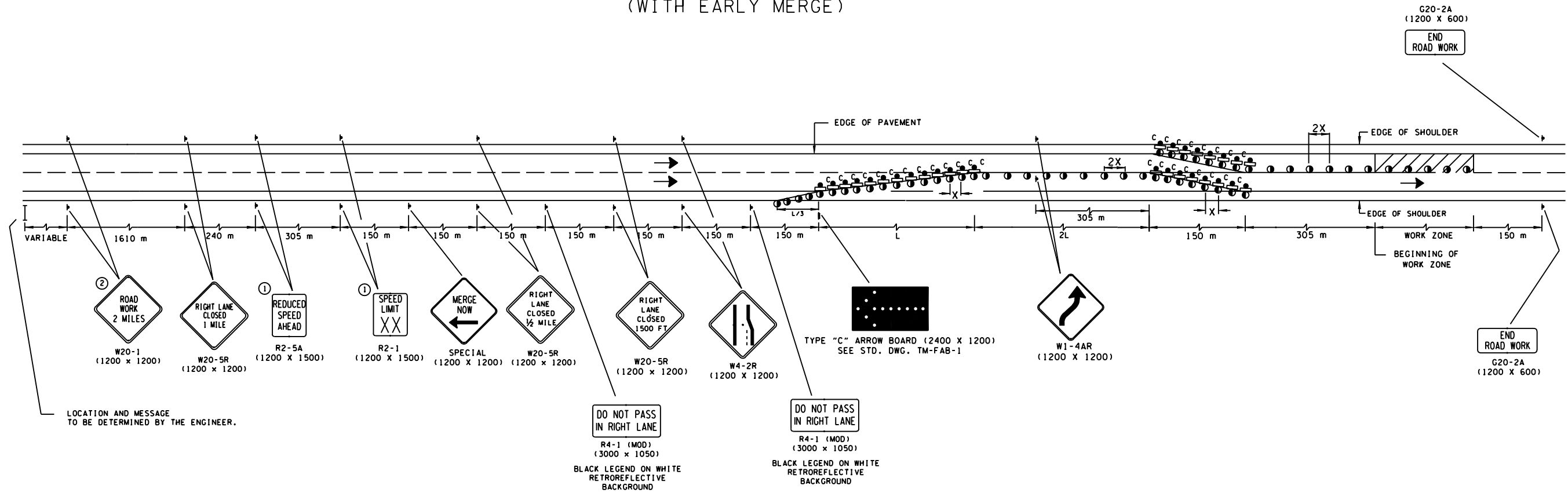


TRAFFIC CONTROL FOR ONE LANE CLOSURE ON MULTI-LANE DIVIDED HIGHWAY
(WITH EARLY MERGE)



X = DISTANCE IN FEET EQUAL TO THE POSTED SPEED. MAXIMUM SPACING 30 m.

FOOTNOTES

- APPROVAL OF THE STATE TRAFFIC ENGINEER IS REQUIRED BEFORE PLACING THE "REDUCED SPEED AHEAD" (R2-5A) AND THE "SPEED LIMIT" (R2-1) SIGNS.
- ADDITIONAL "ROAD WORK" (W20-1) SIGNS MAY BE USED FOR LONG TRAFFIC QUEUES.

COMPUTATION FOR DISTANCE L

$$L = W \times S$$

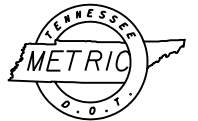
L = TAPER LENGTH IN METERS
W = WIDTH OF OFFSET IN METERS
S = POSTED SPEED IN MPH

CHANNELIZATION DEVICE LEGEND

- FLEXIBLE DRUMS
- SIGN SUPPORT
- FLEXIBLE DRUMS WITH TYPE "C" WARNING LIGHTS ATTACHED
- DIRECTION OF TRAFFIC
- WORK SITE
- FLASHING YELLOW ARROW BOARD (SEE STD. DWG. NO. T-FAB-1, FOR DETAILS AND SPECIFICATIONS)
- PORTABLE MESSAGE BOARDS

GENERAL NOTES

- PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 450 mm. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 150 mm. FOR MORE SPECIFIC INFORMATION SEE TDOT DROP-OFF POLICY OR TRAFFIC CONTROL NOTES.
- SEE STANDARD DRAWING NO. TM-WZ-10 FOR OTHER NEEDED ADVANCE SIGNING.
- PORTABLE MESSAGE BOARD SHOULD ONLY BE USED ONLY WHEN TRAFFIC CONDITIONS WARRANT.
- THIS DETAIL IS TO BE USED FOR WORK ZONES IN BOTH THE LEFT AND RIGHT LANES. WHEN THE WORK ZONE IS IN THE RIGHT LANE, THE "LANE SHIFT" (W1-4AR) SIGN AND THE LANE SHIFT SHALL BE DELETED.
- REFER TO STANDARD DRAWING NO. TM-WZ-11 FOR PORTABLE BARRIER RAIL PLACEMENT, TAPERS, AND END TREATMENT.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LANE CLOSURE
WITH
LEFT HAND MERGE
AND LANE SHIFT

11-11-04 TM-WZ-21



3/22/2005
DONSPEC