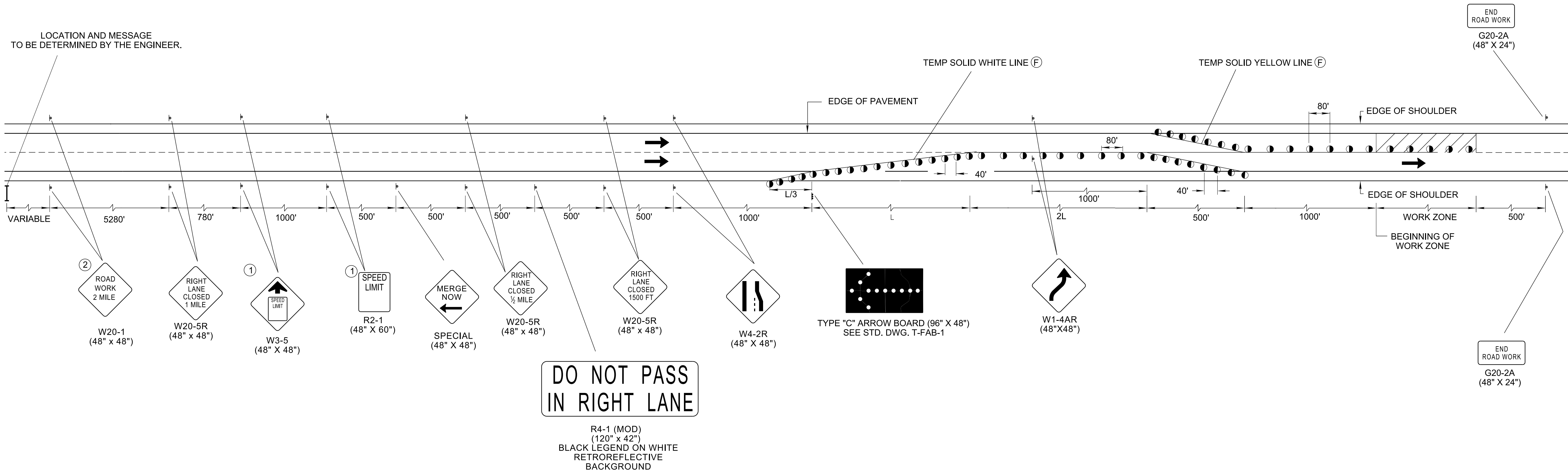


TRAFFIC CONTROL FOR ONE LANE CLOSURE ON MULTI-LANE DIVIDED HIGHWAY  
(WITH EARLY MERGE)



FOOTNOTES

- ① APPROVAL OF THE STATE TRAFFIC ENGINEER IS REQUIRED BEFORE PLACING THE "REDUCED SPEED AHEAD" (W3-5) AND THE "SPEED LIMIT" (R2-1) SIGNS.
- ② ADDITIONAL "ROAD WORK" (W20-1) SIGNS MAY BE USED FOR LONG TRAFFIC QUEUES.

COMPUTATION FOR DISTANCE L

$$L = W \times S \text{ (FOR } S \geq 45 \text{ mph)}$$
$$L = Ws^2 / 60 \text{ (FOR } S \leq 40 \text{ mph)}$$

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

CHANNELIZATION DEVICE LEGEND

- FLEXIBLE DRUMS
- SIGN SUPPORT
- 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

- (A) PORTABLE BARRIER RAIL WILL BE REQUIRED WHERE DROP OFFS EXCEED 18 INCHES. PORTABLE BARRIER RAIL MAY BE USED WHERE DROP OFFS EXCEED 6 INCHES. FOR MORE SPECIFIC INFORMATION SEE TDOT DROP-OFF POLICY OR TRAFFIC CONTROL NOTES.
- (B) SEE STANDARD DRAWING T-WZ-10 FOR OTHER NEEDED ADVANCE WARNING SIGNS.
- (C) PORTABLE MESSAGE BOARD SHOULD ONLY BE USED ONLY WHEN TRAFFIC CONDITIONS WARRANT.
- (D) 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.
- (E) REFER TO STANDARD DRAWING NO. T-WZ-11 FOR PORTABLE BARRIER RAIL PLACEMENT, TAPERS, AND END TREATMENT.
- (F) SEE TDOT ROADWAY DESIGN GUIDELINES SECTION 4-716.11 FOR LINE WIDTH AND SECTION 4-716.30 FOR MATERIAL TYPE.

MINOR REVISION -- FHWA  
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
DEPARTMENT OF  
TRANSPORTATION

LANE CLOSURE  
WITH  
LEFT HAND MERGE  
AND LANE SHIFT

11-11-04

T-WZ-21