

POSTED SPEED LIMIT PRIOR TO WORK STARTING	SPACING OF CHANNELIZING DEVICES (G)	SPACING OF ADVANCE WARNING SIGNS (A)	DECISION SIGHT DISTANCE	TAPER LENGTH (L)	BUFFER SPACE (B)
(MPH)	FEET	FEET	FEET	FEET	FEET
0 - 30	25	100	550	200	200
35 - 40		325	700	325	305
45 - 50	50	600	900	600	425
55		750	1200	700	500
60 - 65		1000	1400	800	650
70 - 75		1200	1600	900	820

DESIGNER NOTES (REMOVE FROM LAYOUT BEFORE INSERTING IN PLAN):

- INSERT SPACING CHART DISTANCES INTO LAYOUTS AND REMOVE CHART WHENEVER PRACTICAL.
- 2. FOR THE PLACEMENT OF ADVANCE WARNING SIGNS, SEE LAYOUT 36, "RIGHT LANE CLOSURE"..
- 3. FOR THE PLACEMENT OF ADVANCE WARNING SIGNS, SEE LAYOUT 37, "LEFT LANE CLOSURE".
- 4. CONSIDER THE INSTALLATION OF A PCMS AND/OR G20-X2 OR SPECIAL SIGN IF CONGESTION IS EXPECTED, IF ADVANCE SIGNING TO DIVERT TRAFFIC IS NEEDED, OR OTHER CONDITIONS DETERMINED BY THE ENGINEER.
- 5. CONSIDER THE INSTALLATION OF A PCMS AND/OR G20-X1 SIGN (MODIFIED) OR G20-X2 SIGN FOR SEVEN DAY ADVANCE WARNING OF RESTRICTION.
- 6. FOR ANY EXCAVATION OR DROP-OFF IN EXCESS OF 12 IN., SEE THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SECTION 6F.85 "TEMPORARY TRAFFIC BARRIERS".
- 7. FOR CLOSURES GREATER THAN 1000 FT., SEE LAYOUT 70 "LANE CLOSURE EXTENSION". LAYOUT 61 "LANE CLOSURE EXTENSION".
- REQUIRED FOR SPEEDS 45 MPH AND GREATER.
- 9. SELECT APPROPRIATE MATERIAL FOR TEMPORARY MARKINGS. SEE STRIPING KEY.
- 10. REMOVE CONFLICTING MARKINGS. DETERMINE QUANTITY OF MARKINGS TO BE REMOVED OR COVERED FOR PAY ITEM QUANTITIES.
- 11. CONTACT APPROPRIATE ROAD AUTHORITY FOR SIGNAL TIMING MODIFICATIONS AND POSSIBLE TURN RESTRICTIONS BEFORE BEGINNING WORK AT ANY SIGNALIZED INTERSECTION
- 12. COVER OR MODIFY ALL DIRECTIONAL SIGNING AFFECTED BY ANY TURN RESTRICTIONS. INCLUDE SIGN MODIFICATIONS, COVERS OR REMOVALS IN TRAFFIC CONTROL PLAN.
- 13. SPACING FOR SURFACE MOUNTED DELINEATORS ARE G/2 FOR 250' IN ADVANCE OF BOTH GORES AND INTERSECTIONS.
- 14. SPACING FOR SURFACE MOUNTED DELINEATORS MAY BE INCREASED TO 2G WHEN GREATER THAN 250' FROM GORES AND INTERSECTION.
- 15. USE REVERSE TURN SIGN (W1-3) IF ADVISORY SPEED IS 30 MPH OR LESS.
- 16. WHEN IMPACTING PEDESTRIAN FACILITIES, TEMPORARY PEDESTRIAN ACCESS ROUTES MUST BE PROVIDED. SEE LAYOUT 6J-24 AND 6J-25 FOR GUIDANCE.
- 17. THE FLASHING ARROW BOARD SHALL BE USED WHEN THE POSTED SPEED LIMIT IS 45 MPH OR GREATER, AND SHALL BE PLACED FULLY ON THE SHOULDER. IF THERE IS NO SHOULDER, OR THE SHOULDER IS TO NARROW, PLACE THE FLASHING ARROW BOARD AT THE END OF THE TAPER IN LIEU OF THE TYPE III BARRICADE ASSEMBLY.

4" SOLID YELLOW
REMOVEABLE PREFORMED
PLASTIC MARKING
4" SOLID WHITE

4" SOLID WHITE REMOVEABLE PREFORMED PLASTIC MARKING

4" DOUBLE YELLOW
REMOVEABLE PREFORMED
PLASTIC MARKING

 DRUMS, TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL.

SURFACE MOUNTED DELINEATOR

----- SOLID LINE PAVEMENT
MARKING WITH
TEMPORARY RAISED
PAVEMENT MARKERS
AT 10' SPACING OR WET
REFLECTIVE TAPE