



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SPACING OF ADVANCE WARNING SIGNS (A) FEET	TAPER LENGTH (L) FEET	SPACING OF CHANNELIZING DEVICES (G) FEET	BUFFER SPACE (B) FEET	DECISION SIGHT DISTANCE FEET
0 - 30	250	200	25	200	550
35 - 40	325	350	25	305	700
45 - 50	600	600	50	425	900
55	750	700	50	500	1200
60 - 65	1000	800	50	650	1400
70 - 75	1200	900	50	820	1600

NOTE:  
NOT ALL INFORMATION IN THIS BOX MAY APPLY TO THIS DETAIL.

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

1. INSERT SPACING CHART DISTANCES INTO LAYOUTS AND REMOVE CHART WHENEVER PRACTICAL.
2. DETERMINE IF "END ROAD WORK" SIGNS ARE NEEDED.
3. CONSIDER THE INSTALLATION OF A PCMS AND/OR G20-X2 OR SPECIAL SIGN IF ADVANCE SIGNING TO DIVERT TRAFFIC IS NEEDED OR OTHER CONDITIONS DETERMINED BY THE ENGINEER.
4. CONSIDER THE INSTALLATION OF A PCMS AND/OR G20-X1 SIGN (MODIFIED) OR G20-X2 SIGN FOR SEVEN DAY ADVANCE WARNING OF RESTRICTION.
5. 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.
6. FOR CLOSURES GREATER THAN 1000 FT., SEE FIELD MANUAL, LANE CLOSURE EXTENSION.
7. ✖ - REQUIRED FOR SPEEDS GREATER THAN 45 MPH.
8. SELECT APPROPRIATE MATERIAL. SEE STRIPING KEY.
9. DISTANCE PLAQUES ARE RECOMMENDED WHEN THE DISTANCE IS 2 MILES OR MORE.
10. REMOVE CONFLICTING MARKINGS. DETERMINE MATERIAL TYPE AND QUANTITY OF MARKINGS TO BE REMOVED OR COVERED FOR PAY ITEM QUANTITIES.

- 4" SOLID YELLOW REMOVEABLE PREFORMED PLASTIC MARKING
- DRUMS, TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL.
- SOLID LINE PAVEMENT MARKING WITH TEMPORARY RAISED PAVEMENT MARKERS AT 10' SPACING OR WET REFLECTIVE TAPE.

PASSIVE ZIPPER MERGE SYSTEM  
LEFT LANE CLOSURE  
MULTI-LANE DIVIDED ROAD