

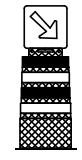
SINGLE LANE SHIFT
MULTILANE DIVIDED ROAD
LONG TERM





POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SPACING OF ADVANCE WARNING SIGNS (A) FEET	SHIFTING LENGTH (X) FEET	SPACING OF CHANNELIZING DEVICES (C) FEET	BUFFER SPACE (B) FEET	DECISION SIGHT DISTANCE FEET
0 - 30	250	100	25	200	550
35 - 40	325	125	25	305	700
45 - 50	600	300	50	425	900
55	750	350	50	500	1200
60 - 65	1000	400	50	650	1400
70 - 75	1200	450	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. FOR ADVANCE SIGNING, PLACEMENT OF TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS AND REMOVALS, AND LANE CLOSURE, SEE THE APPROPRIATE STATIONARY LAYOUT.
3. 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.
4. 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".
5. SELECT APPROPRIATE MATERIAL FOR TEMPORARY MARKINGS. SEE STRIPING KEY.
6. LIST ALL DIRECTIONAL SIGNING THAT MUST BE COVERED, REMOVED OR MODIFIED BECAUSE OF RESTRICTIONS.
7. REMOVE CONFLICTING PAVEMENT MARKINGS. DETERMINE QUANTITY OF MARKINGS TO BE REMOVED OR COVERED FOR PAY ITEM QUANTITIES.
8. THE MINIMUM LANE WIDTH SHOULD BE 11 FEET AND SHALL NOT LESS THAN BE 10 FEET. IF LANE WIDTH IS LESS THAN 11 FEET FURNISH AND INSTALL ADDITIONAL (REDUCED WIDTH) W20-X11 SIGNS.
9. COVER OR REMOVE INPLACE EDGELINE.
10. MAY ADD A W21-X4 AT 45 DEGREE DOWN ANGLE TO DRUMS ON THE APPROPRIATE SIDE IN SHIFTING AREA FOR ADDED ENHANCEMENT. WHEN USED THE ONE DIRECTION ARROW ON THE TYPE III BARRICADE MAY BE OMITTED.



-  4" SOLID YELLOW
-  4" SOLID WHITE
-  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.