






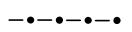
TWO LANE, TWO WAY OPERATIONS AT
ENTRANCE RAMP ACROSS CLOSED ROADWAY
LONG TERM

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SPACING OF CHANNELIZING DEVICES (G) FEET	SPACING OF ADVANCE WARNING SIGNS (A) FEET	DECISION SIGHT DISTANCE FEET	TAPER LENGTH (L) FEET	BUFFER SPACE (B) 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

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. 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.
4. SELECT APPROPRIATE MATERIAL FOR TEMPORARY MARKINGS. SEE STRIPING KEY.
5. LIST ALL DIRECTIONAL SIGNING THAT MUST BE COVERED, REMOVED OR MODIFIED BECAUSE OF RESTRICTIONS.
6. REMOVE CONFLICTING MARKINGS. DETERMINE MATERIAL TYPE AND QUANTITY OF MARKINGS TO BE REMOVED OR COVERED FOR PAY ITEM QUANTITIES.
7. GORE STRIPE MAY NEED TO BE ADJUSTED. SEE TRAFFIC ENGINEERING MANUAL GORE STRIPING OPTIONS.
8. USE REVERSE TURN SIGN (W1-3) IF ADVISORY SPEED IS 30 MPH OR LESS.
9. PROVIDE FULL ACCELERATION LANE WHENEVER POSSIBLE AND THEN DO NOT DISPLAY YIELD AND YIELD AHEAD SIGNS.
10. * - ADVANCE WARNING SIGNS SPACING IS DEPENDENT ON THE RAMP LENGTH AND THE LOCATION OF INPLACE SIGNING. THE SPACING SHOULD BE AS LONG AS PRACTICAL.
11. IF TEMPORARY BARRIER IS USED TO SEPARATE OPPOSING TRAFFIC, THE TWO WAY TRAFFIC SIGN AND THE "DO NOT ENTER" SIGNS MAY BE ELIMINATED.

-  4" SOLID YELLOW PAINT
-  4" SOLID WHITE PAINT
-  8" SOLID WHITE PAINT
-  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.