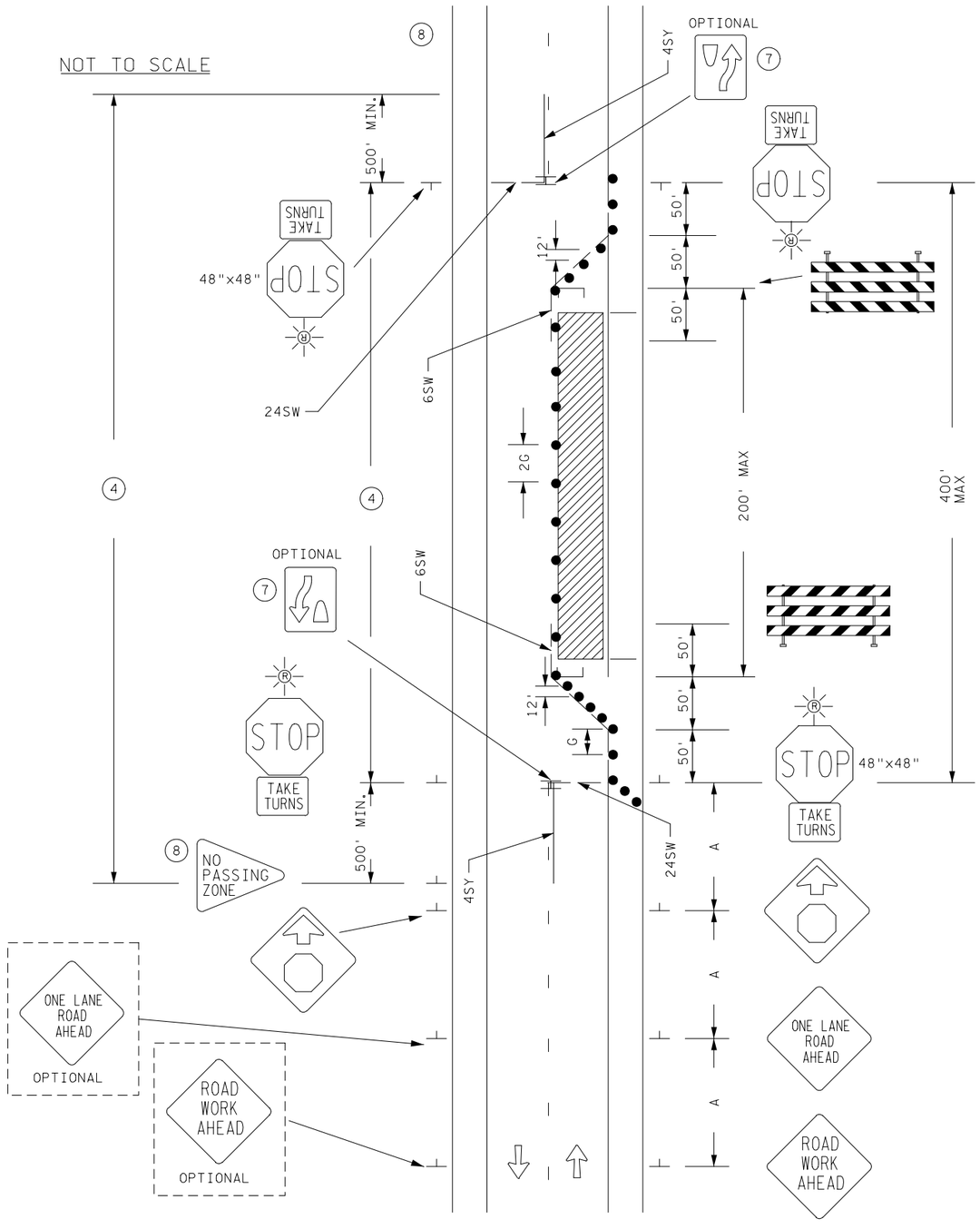

LANE CLOSURE WITH STOP SIGNS
TWO-LANE, TWO-WAY ROAD, 1500 ADT OR LESS

POSTED SPEED LIMIT PRIOR TO WORK STARTING	SPACING OF CHANNELIZING DEVICES (G)	SPACING OF ADVANCE WARNING SIGNS (A)	DECISION SIGHT DISTANCE	TAPER LENGTH (L)	SHIFTING TAPER (L/2)	TYPICAL SHOULDER TAPER (L/3)	BUFFER SPACE (B)
(MPH)	FEET	FEET	FEET	FEET	FEET	FEET	FEET
0 - 30	25	100	550	200	100	75	200
35 - 40		325	700	325	175	125	305
45 - 50	50	600	900	600	300	200	425
55		750	1200	700	350	250	500
60 - 65		1000	1400	800	400	275	650
70 - 75		1200	1600	900	450	300	820

ALL DISTANCES BASED ON 12 FT LANE WIDTHS.

DESIGNER NOTES:

TYPICAL APPLICATION FOR REFERENCE ONLY, NOT TO BE INSERTED INTO PLAN.

1. INSERT SPACING CHART DISTANCES INTO LAYOUTS.
2. IF ADEQUATE SIGHT DISTANCE IS NOT AVAILABLE TO RECOGNIZE A STOPPED VEHICLE, OR TRAFFIC VOLUME RESTRICTS VEHICLES FROM TAKING TURNS THROUGH THE OPEN LANE, SEE THE LANE CLOSURE WITH SIGNALS LAYOUT.
3. FOR ANY EXCAVATION OR DROP-OFF IN EXCESS OF 12 IN., SEE THE MINNESOTA DEPARTMENT OF TRANSPORTATION "TEMPORARY BARRIER GUIDANCE MANUAL".

(4) MASK OR REMOVE ALL CONFLICTING PAVEMENT MARKINGS. DETERMINE QUANTITY OF MARKINGS TO BE MASKED OR REMOVED FOR PAY ITEM QUANTITIES.

5. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE A WET REFLECTIVE MATERIAL.
6. LIST ALL CONFLICTING INPLACE SIGNING THAT MUST BE MODIFIED, COVERED, AND/OR REMOVED. INCLUDE SIGN MODIFICATIONS, COVERS AND/OR REMOVALS IN THE TRAFFIC CONTROL PLAN.

(7) 12" X 18" KEEP RIGHT MOUNTED ON REBOUNDABLE DELINEATOR.

(8) IF THE DISTANCE FROM AN INPLACE "NO PASSING ZONE" IS LESS THAN THE FOLLOWING, THE ZONES SHALL BE CONNECTED WITH A SOLID YELLOW LINE:
35 MPH OR LESS - 500'
40 - 50 MPH - 650'
55 MPH OR GREATER - 800'.

● DRUMS

— — - TEMPORARY WET REFLECTIVE PAVEMENT MARKING.

4SY = 4 INCH SOLID LINE YELLOW WET REFLECTIVE
6SW = 6 INCH SOLID LINE WHITE WET REFLECTIVE
24SY = 24 INCH SOLID LINE YELLOW WET REFLECTIVE