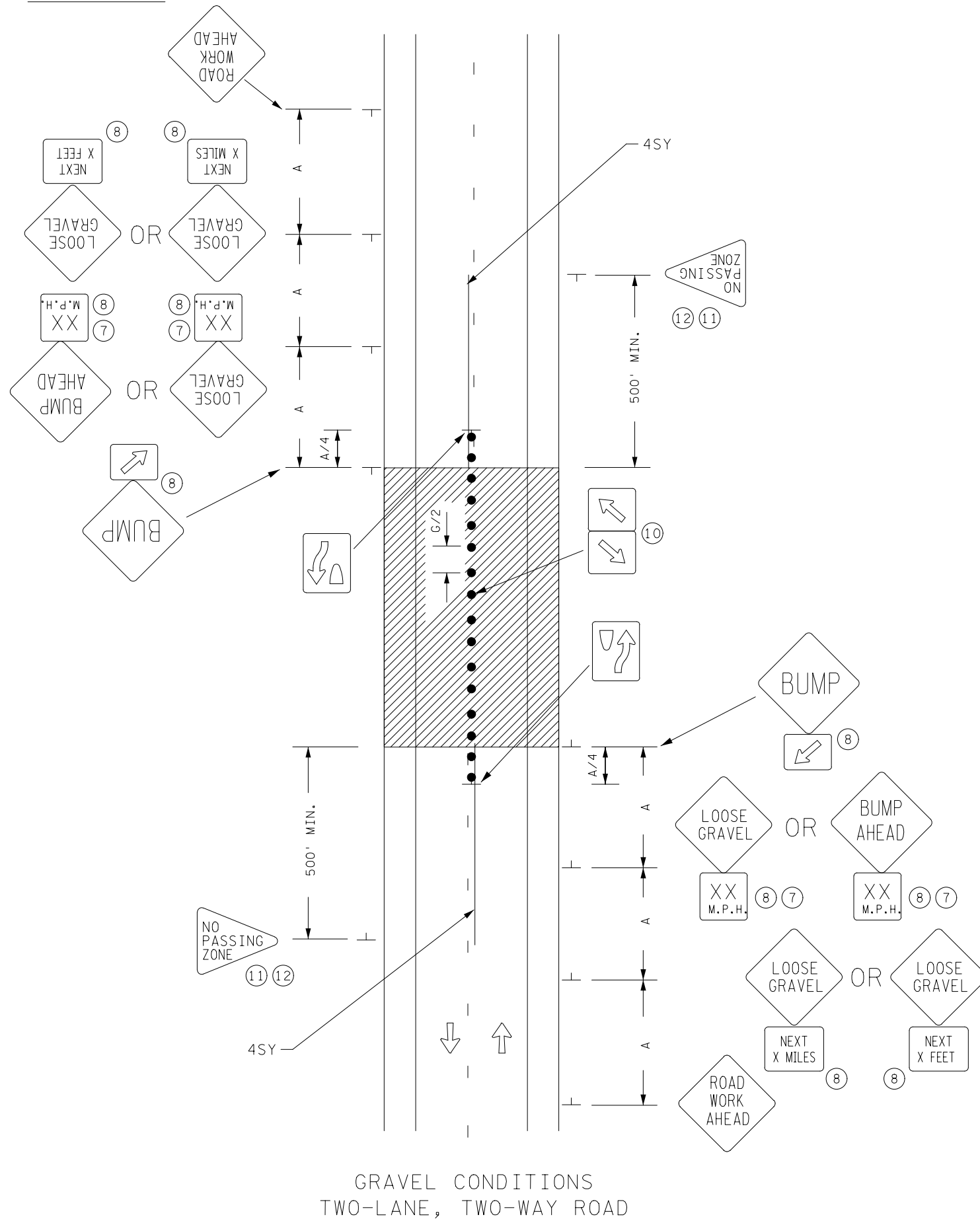


NOT TO SCALE



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	SHIFTING TAPER (L/2) FEET	TYPICAL SHOULDER TAPER (L/3) FEET	BUFFER SPACE (B) 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. DETERMINE IF "END ROAD WORK" SIGNS ARE NEEDED.
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. 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 DEPARTMENT OF TRANSPORTATION "TEMPORARY BARRIER GUIDANCE MANUAL".
6. MASK OR REMOVE ALL CONFLICTING PAVEMENT MARKINGS. DETERMINE QUANTITY OF MARKINGS TO BE MASKED OR REMOVED FOR PAY ITEM QUANTITIES.
7. SPEED ADVISORY PLAQUE SHOULD BE USED IF A SPEED REDUCTION OF GREATER THEN 10 MPH IS ANTICIPATED TO SAFELY NAVIGATE THE SHIFT.
8. WHEN USED, ADVISORY PLAQUES SHALL BE INSTALLED BELOW THE APPROPRIATE WARNING SIGNS, PLACED DIRECTLY BELOW OR TOWARD THE LOWER SIDE NEAREST TRAFFIC.
9. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE A WET REFLECTIVE MATERIAL.
10. OPTIONAL, IF USED PLACE DOWN ARROWS ON BOTH SIDES OF EVERY OTHER DRUM.
11. NO PASSING ZONE FOR A MINIMUM OF 500FT. PRIOR TO BEGINNING OF GRAVEL CONDITION.
12. IF THE DISTANCE FROM INPLACE "NO PASSING ZONE" IS LESS THAN THE FOLLOWING, THE ZONE SHALL BE CONTACTED WITH A SOLID YELLOW LINE.  
 35 MPH OR LESS - 500 FT.  
 40 - 45 MPH - 650 FT.  
 55 MPH OR GREATER - 800 FT.

4SY - 4 INCH SOLID LINE YELLOW WET REFLECTIVE

● DRUMS.

— — — TEMPORARY WET REFLECTIVE PAVEMENT MARKING.