

Post Mounted

Notes:

- Ramps: When the work area encompasses a ramp, install a speed limit sign. When the main line speed zone moves past the ramp, remove the ramp speed limit sign.
- 2. Variables

W20-1-48

Post Mounted

- S = Numerical value of speed limit or 85th percentile.
- W = The width of taper.
- L = Minimum length of taper, or S x W for freeways, expressways, and all other roads with speeds of 45 mph or greater, or W x S² /60 for urban, residential, and other streets with speeds of 40 mph or less.

W20-5-48

Post Mounted

See Note 8

W4-2R-48

Post Mounted

- Space delineator drums, and tubular markers for tapering traffic at the dimension "S". Space tubular markers for tangents at 2 times dimension "S".
- Sequencing and Flashing Arrow Panels:
 - Place panels at beginning of taper, when possible. Where shoulder width does not provide sufficient room, move panel closer to work area and place on the roadway surface. Use Type A on roadways with slow moving traffic speeds and low volume (25 mph or less & 750 ADT or less). Use Type B on roadways with moderate traffic speeds and volumes (40 mph or less
 - and 5000 ADT or less). Use Type C on roadways with high traffic speeds and volumes (over 40 mph or over
- Re-establish speed limit. Determine exact speed limit in the field, dependent on location
- Cover existing speed limit signs within reduced speed zones.
- Determine reduced speed limit based on the in place speed limit before construction. When speed reductions exceed 30 mph, install a second speed limit sign with the desired speed reduction (not to exceed 30 mph.) Place the second speed limit sign at $\frac{1}{2}$ B.
- As an option, use portable sign supports in lieu of post mounted signs in accordance with the NDDOT Standard Drawing D-704-14.
- Recommend 40 mph speed limit in vicinity of workers, unless location and conditions
- 10. Sign G20-55-96 is not required if this layout is part of other traffic control that contains this sian.

Road Type	Type Signs Min. (ft)		
	Α	В	С
Urban - Low Speed (30 mph or less)	150	150	150
Urban - Low Speed (over 30 to 40 mph)	280	280	280
Urban - High Speed (over 40 mph to 50 mph)	360	360	360
Rural - High Speed (over 50 mph to 65 mph)	720	720	720
Urban Expressway and Freeway (55 mph to 60 mph)	850	1350	2200
Rural Expressway and Freeway (70 mph to 80 mph)	1000	1500	2640
Interstate/4-Lane Divided (Maintenance and Surveying)	750	1000	1500
NORTH DAKOTA			

ADVANCE WARNING SIGN SPACING

DEPARTMENT OF TRANSPORTATION					
11-15-12					
	REVISIONS				
DATE	CHANGE				
09-27-17	Updated to active voice, added note #9, & sign #s				
11-01-19 12-08-21	Shidr taper, sign, note 8 Switched order of Road Work 1 Mile and Spd Limit Enforced & added Dollars At Work				
11-29-22 10-11-24 06-30-25	Removed Dollars At Work Removed Pvmt Mkg Width Legislative Changes				



Distance Between

KEY					
F	Sign		Work Area		
•	Delineator Drum	000	Sequencing Arrow Panel		