INTERSTATE ROAD CLOSURE
USING RAMPS WITH CROSSROAD CLOSURE
Closure for More Than Five Days

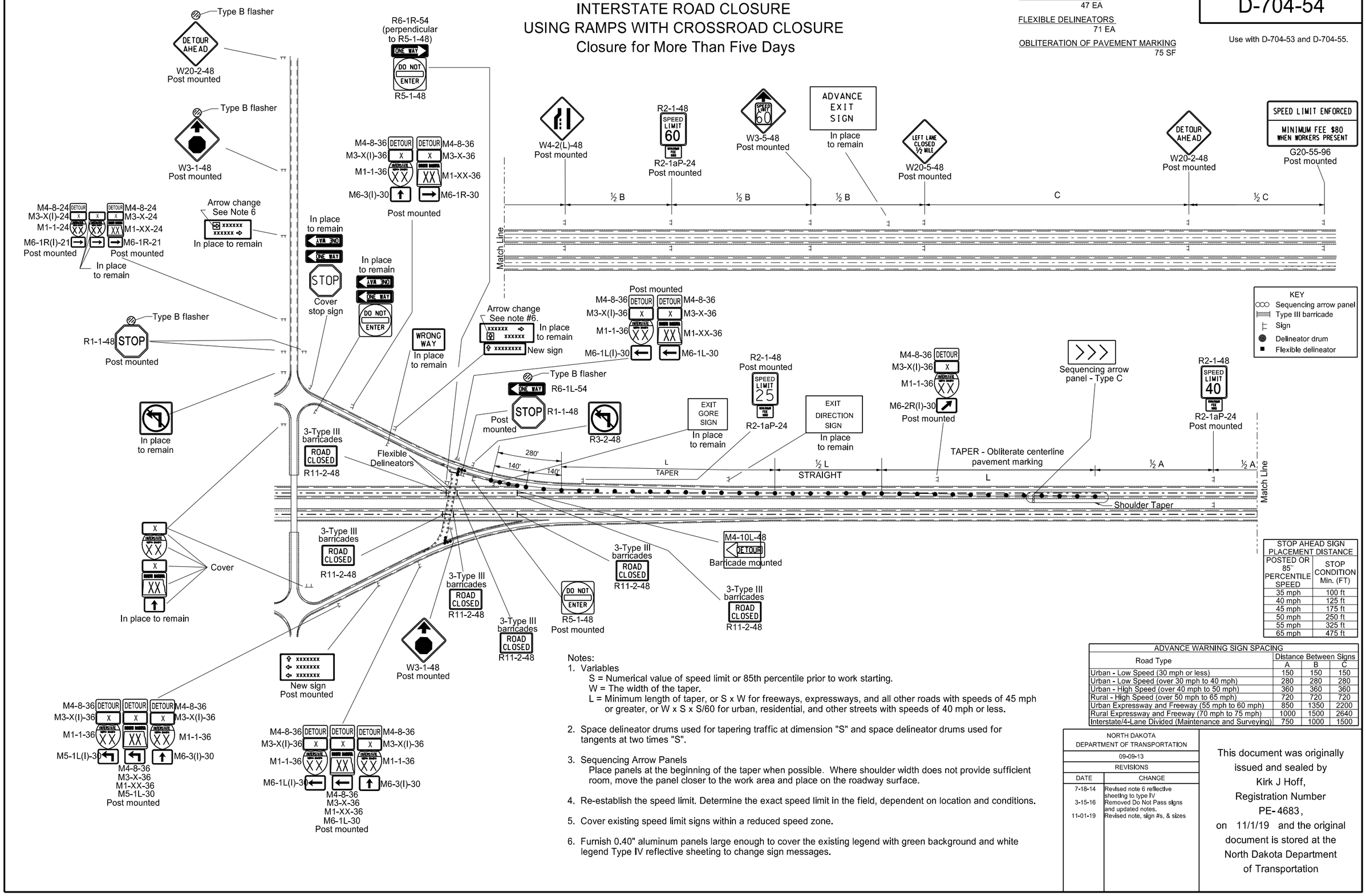
DELINEATOR DRUMS
47 EA

FLEXIBLE DELINEATORS
71 EA

OBLITERATION OF PAVEMENT MARKING
75 SF

D-704-54

Use with D-704-53 and D-704-55.



STOP AHEAD SIGN PLACEMENT DISTANCE	
POSTED OR 85th PERCENTILE SPEED	STOP CONDITION Min. (FT)
35 mph	100 ft
40 mph	125 ft
45 mph	175 ft
50 mph	250 ft
55 mph	325 ft
65 mph	475 ft

ADVANCE WARNING SIGN SPACING			
Road Type	Distance Between Signs		
	A	B	C
Urban - Low Speed (30 mph or less)	150	150	150
Urban - Low Speed (over 30 mph 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 75 mph)	1000	1500	2640
Interstate/4-Lane Divided (Maintenance and Surveying)	750	1000	1500

Notes:

1. Variables
   S = Numerical value of speed limit or 85th percentile prior to work starting.
   W = The width of the 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 S x S/60 for urban, residential, and other streets with speeds of 40 mph or less.
2. Space delineator drums used for tapering traffic at dimension "S" and space delineator drums used for tangents at two times "S".
3. Sequencing Arrow Panels
   Place panels at the beginning of the taper when possible. Where shoulder width does not provide sufficient room, move the panel closer to the work area and place on the roadway surface.
4. Re-establish the speed limit. Determine the exact speed limit in the field, dependent on location and conditions.
5. Cover existing speed limit signs within a reduced speed zone.
6. Furnish 0.40" aluminum panels large enough to cover the existing legend with green background and white legend Type IV reflective sheeting to change sign messages.

NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

09-09-13

REVISIONS

DATE	CHANGE
7-18-14	Revised note 6 reflective sheeting to type IV
3-15-16	Removed Do Not Pass signs and updated notes.
11-01-19	Revised note, sign #s, & sizes

This document was originally issued and sealed by Kirk J Hoff, Registration Number PE-4683, on 11/1/19 and the original document is stored at the North Dakota Department of Transportation