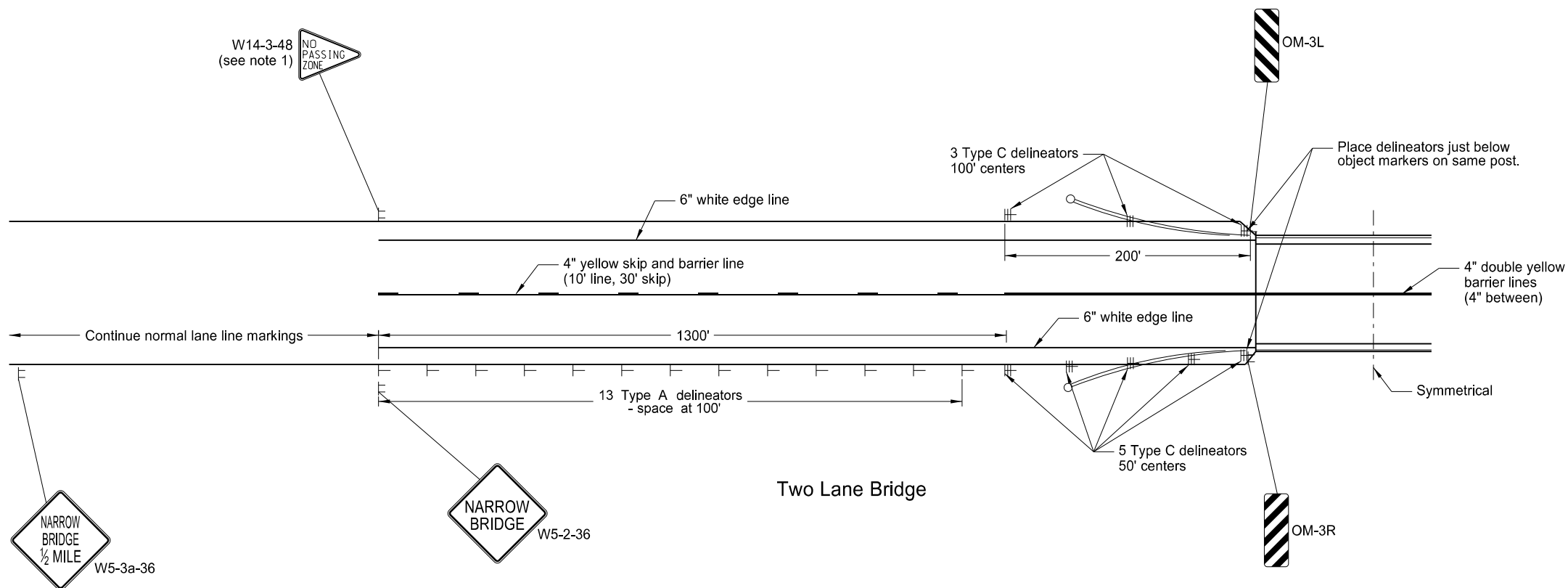


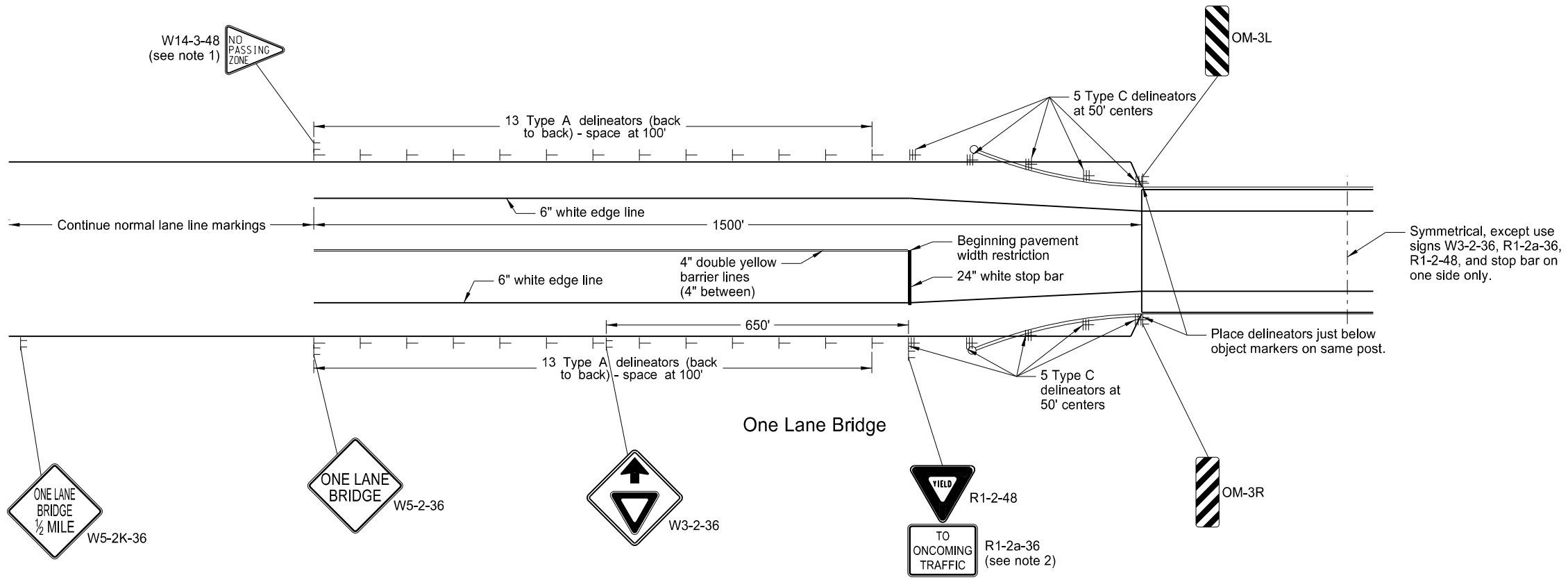
NARROW BRIDGE GUIDE

D-754-84



Notes:

1. On a curved roadway, delineate both sides of the roadway. If already in a no passing zone, place pennant sign (W14-3-48) at the beginning of zone.
2. Select the direction for the yield condition based on the motorist having sufficient sight distance at the yield sign to clear the narrowed section of roadway before meeting traffic. Determine this using the posted speed limit or the 85th percentile speed from a recent speed study.
3. If the bridge length is greater than 250', provide delineation on the bridge rail.
4. Do not use object markers when approach guardrail has reflectors and guardrail end treatment has delineation.
5. Classify bridges as narrow when clear widths between curbs or rails (whichever is less) equal or are less than values shown. Consider bridges narrower than the approach traveled way as narrow bridges. Categorize bridges less than 18' wide as "One Lane" and 18' or wider as "Two Lane".



Narrow Bridge Guide				
Local	Road Width (ft) for Traffic Volume (veh/day)			
	0-400	400-1500	1500-2000	>2000
Speed (mph)	0-40	40-50	50-55	55-65
	18	20	22	24
	20	22	22	24
	22	22	24	24
Collector	Road Width (ft) for Traffic Volume (veh/day)			
	0-400	400-1500	1500-2000	>2000
Speed (mph)	0-30	30-35	35-50	55-65
	20	20	22	24
	20	22	22	24
	22	22	24	24

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
2-21-14	
REVISIONS	
DATE	CHANGE
8-30-18	Updated notes to active voice and removed advisory speed sign.
9-05-19	New Design Engineer PE Stamp.

This document was originally issued and sealed by Kirk J Hoff, Registration Number PE-4683, on 9/05/19 and the original document is stored at the North Dakota Department of Transportation