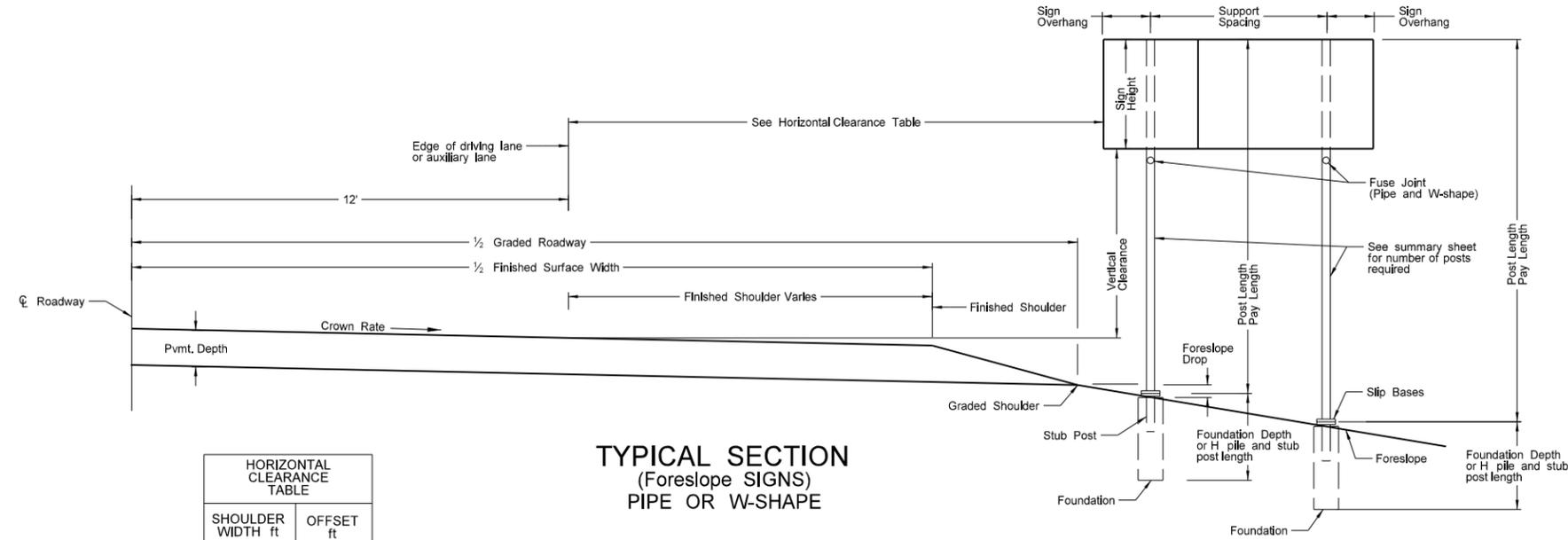


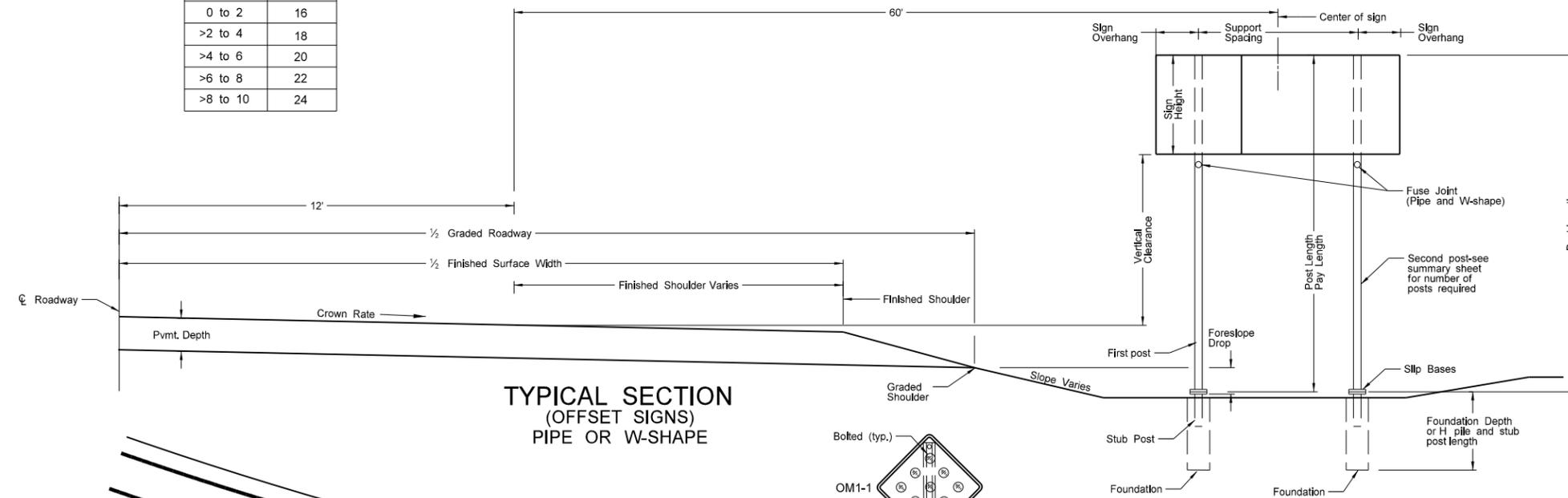
PIPE OR W-SHAPE ASSEMBLY DETAILS



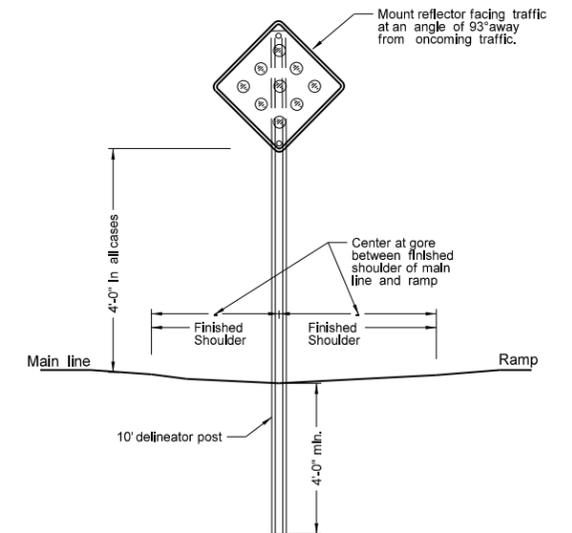
HORIZONTAL CLEARANCE TABLE

SHOULDER WIDTH ft	OFFSET ft
0 to 2	16
>2 to 4	18
>4 to 6	20
>6 to 8	22
>8 to 10	24

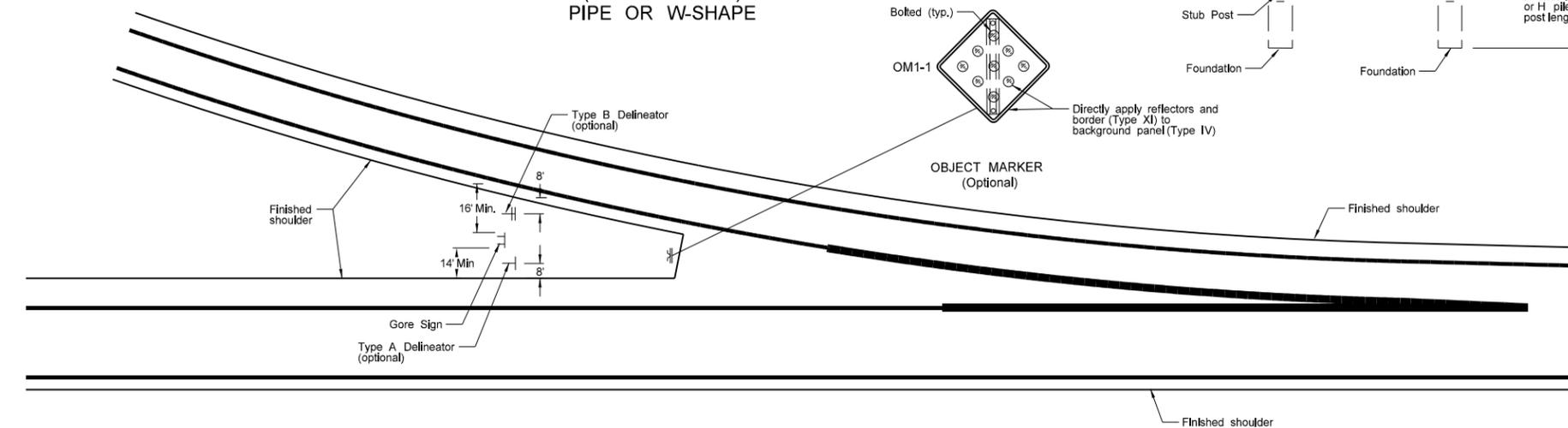
TYPICAL SECTION (FORESLOPE SIGNS) PIPE OR W-SHAPE



TYPICAL SECTION (OFFSET SIGNS) PIPE OR W-SHAPE



OBJECT MARKER INSTALLATION



EXIT RAMP GORE SIGN PLACEMENT

NOTES:

MINIMUM VERTICAL CLEARANCE:
Install signs with a minimum 5 foot vertical clearance from bottom of sign to top edge of the driving lane or auxiliary lane in rural locations. Provide a minimum 7 foot vertical clearance where parking or pedestrian movements occur. Install signs with a minimum 7 foot vertical clearance on freeways, expressways, and multi-lane conventional roadways.

A vertical clearance of 5 feet is acceptable where signs are placed a minimum of 30 feet from the edge of the traveled way.

Place signs a maximum of 6" above the vertical clearance specified above.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
12-1-10	
REVISIONS	
DATE	CHANGE
7-18-14	Modify notes and update reflective sheeting for object marker. Add correct section number for object marker post.
8-30-18	Updated notes to active voice.

This document was originally issued and sealed by
Roger Weigel,
Registration Number
PE-2930,
on 8-30-2018 and the original document is stored at the North Dakota Department of Transportation