

Mn/DOT TABLES AND GUIDES

POINT NUMBERING GUIDE

The following guide is used throughout the project delivery process to track point numbers.

Point Number Range	Existing or Proposed Numbers	Information at the Point
0001-0599	EXISTING	Horizontal Control Points
0600-0899	EXISTING	Photo Control
0900-0999	EXISTING	Bench Marks
1000-1999	PROPOSED	Proposed Alignment Points
2000-2999	EXISTING	Existing Alignment Points
3000-3999	PROPOSED	Property Lines & Right of Ways
4000-4999	EXISTING	Property Lines & Right of Ways
5000-5999	PROPOSED	Utilities
6000-6999	EXISTING	Utilities
7000-7999	EXISTING - Prior to Constr.	Soils Boring Holes
8000-8999	PROPOSED	Bridge Working Points
9000-9999	EXISTING	Vertical Elevation Points
10,000 & GREATER	EXISTING	Conventional Cross Sections *
* Field Survey Data formatted as Station, Offset, Elevation or XYZ		

Mn/DOT CADD DATA STANDARDS

PLOTTED LINE WORK - WEIGHT GUIDE

Use this as a cross reference for evaluating your plotter output, based on sheet size, when generating plans for delivery. Mn/DOT does not exceed line weights of 6 in published sheets.

Mn/DOT Line Weight Guide for 11 x 17 Plotted Sheets		
MicroStation Line Weight	Plotted Line Width in inches (in)	Plotted Line Width in millimeters (mm)
WT = 0	0.0050	0.1270
WT = 1	0.0065	0.1650
WT = 2	0.0085	0.2160
WT = 3	0.0105	0.2660
WT = 4	0.0130	0.3300
WT = 5	0.0175	0.4445
WT = 6	0.0215	0.5460
WT = 7	0.0275	0.6985
WT = 8	0.0335	0.8510

Mn/DOT Line Weight Guide for 22x 34 Plotted Sheets		
MicroStation Line Weight	Plotted Line Width in inches (in)	Plotted Line Width in millimeters (mm)
WT = 0	0.010	0.254
WT = 1	0.013	0.330
WT = 2	0.017	0.432
WT = 3	0.021	0.533
WT = 4	0.026	0.660
WT = 5	0.035	0.889
WT = 6	0.043	1.092
WT = 7	0.055	1.397
WT = 8	0.067	1.702