

Text Size Memo

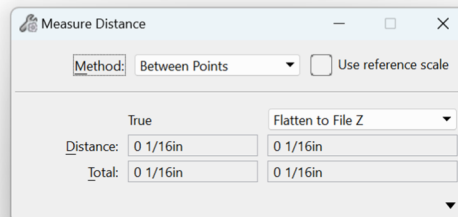
UPRR Standard text sizes have been updated to reflect National CAD Standards guidelines (NCS) for text height. NCS recommends that the minimum text height is 1/8 in. for full-size drawings (ANSI D or 22x34) so that text remains legible in commonly plotted, half-size drawings (ANSI B or 11x17). Capital letters shall be used in plan text, since capital letters also retain readability at one-half size.

Standard Text Size		
Text Style	Font	Text Height (ANSI B)
Existing Text	Arial	1/16 (0.0625) in.
Proposed Text	Ariali	1/16 (0.0625) in.

The text sizes provided shall be used to produce a consistent plotted text size and appearance throughout all civil drawings within a plan set (track plan & profile, typical sections, roadway drawings, and cross sections). A “Title” text style has also been provided at 1/10 in. text height for use in typical section or detail drawing titles.

EXISTING TEXT

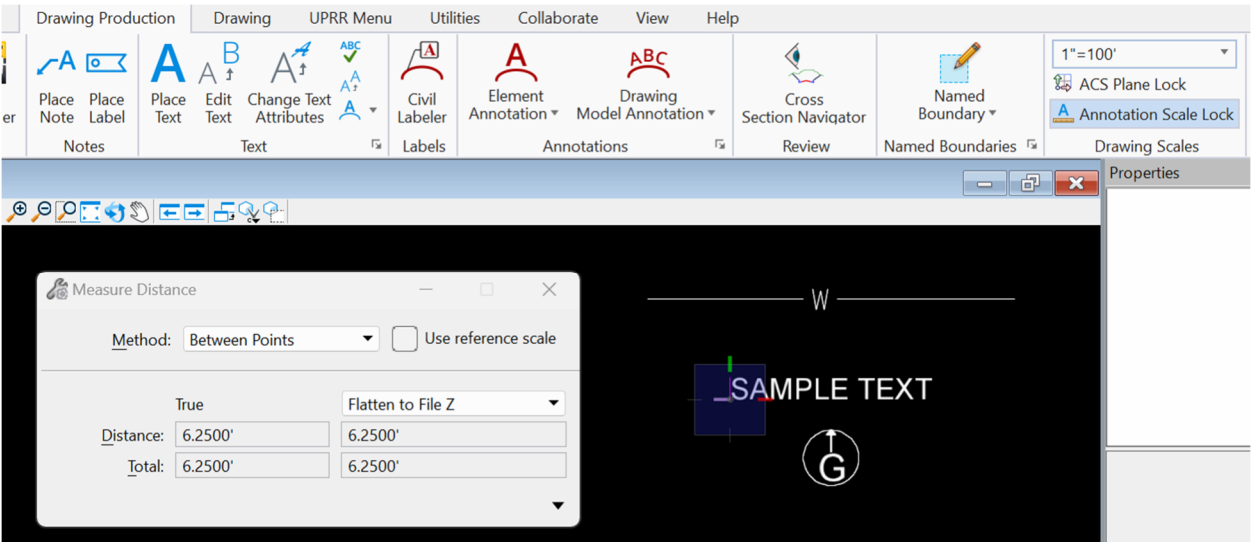
 **PROPOSED TEXT**



Annotation Scale

The delivered Union Pacific Railroad OpenRail Standards use annotation scale to more closely align with Bentley standard workflows such as civil sheet production. This means that the physical size of text is the plotted size (1/16 in.) and the drawing scale applied in design models or drawing models multiplies the text depending on the scale of that drawing. Cells and linestyles also honor annotation scale so that the size of common cell symbols, linestyles, and text may adjust for multiple drawing scales (e.g. 1”=100’ track plan and profile, 1”=40’ roadway drawing, or 1”=20’ civil detail drawing). Cells have been categorized into two different categories. Physical cells such turnouts or roadway crossing arms that represent the physical size of an element do not scale. Symbol cells such as water valves or gas meters do scale so that the size of symbol text is not excessive in detail drawings.

1" = 100'



1" = 50'

