

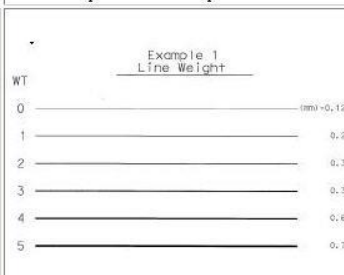
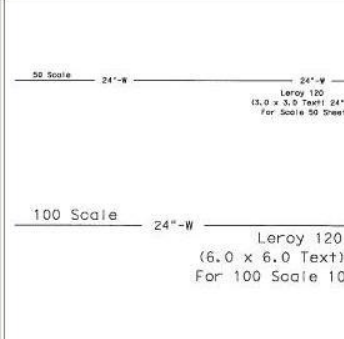
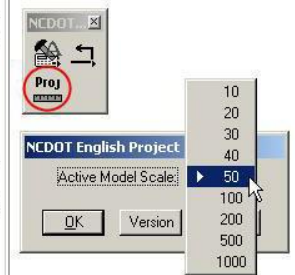
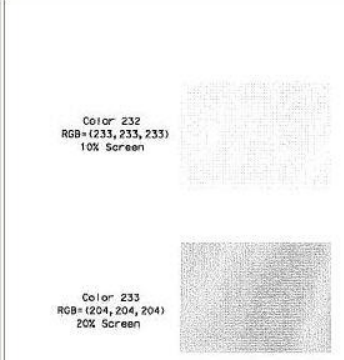
17_01 A-Plot Compared I-Plot Driver Line Weights

Question:

Does NCDOT have standards on line weights, line styles, and gray scales (i.e. when printed, how thick should weight 1 be, how should line styles look, what % should gray scales be)?

Answer:

Below is an example of an A-plot pen table (those without iPlot) plotted and our equivalent standard practice with iPlot.

	PDF Example- A-Plot Setup	NCDOT Roadway Practice- iPlot
Line Weight	 <p>Example 1 Line Weight</p> <p>WT</p> <p>0 0.12 1 0.22 2 0.31 3 0.38 4 0.65 5 0.77</p>	<p>Our Roadway Design Script has a "Weight_Base" and "Weight_Delta" statement.</p> <pre>weight_base=0.0045 weight_delta=0.003</pre> <p>This is how it works; Wt(0) (Weight Base) = 0.0045" thick Wt(1) = 0.0075" thick Wt(2) = 0.0105" thick Wt(3) = 0.0135" thick </p>
LineStyle Scale	 <p>50 Scale 24"-W Leroy 120 (3.0 x 3.0 Text) 24"-W For Scale 50 Sheet</p> <p>100 Scale 24"-W Leroy 120 (6.0 x 6.0 Text) : For 100 Scale 100</p>	<p>Microstation LineStyle Scale is adjusted by the NCDOT Project Scale MDL Application.</p> 
Gray Scale	 <p>Color 232 RGB = (233, 233, 233) 10% Screen</p> <p>Color 233 RGB = (204, 204, 204) 20% Screen</p>	<p>The NCDOT Color Table is used for grade scale or shading. The color index numbers in the NCDOT.CTB can be assign a certain shade in terms of RGB value (similar to the example PDF to the left).</p> 