
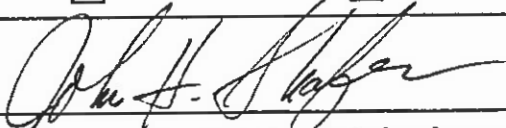


TO: SUPERSEDED BY EI 88-015 EFFECTIVE 4/1/88	 ENGINEERING BULLETIN NEW YORK STATE DEPARTMENT OF TRANSPORTATION SUBJECT: Change In Half Size Plan Dimensions Subject Code 7.26 - 2
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input checked="" type="checkbox"/> Special	Code: <u>EB 87 - 9</u> Date: <u>3/25/87</u>
APPROVED:  <hr/> John H. Shafer, Assistant Commissioner and Chief Engineer	
Supersedes:	

This Engineering Bulletin Expires _____

The Department has determined that significant cost savings can be obtained if it modifies its half size plan dimensions from 12" x 19" to 11" x 17". The current 12" x 19" paper is an odd size, and its elimination will significantly decrease our paper costs. In addition, the presses capable of handling the 12" x 19" size are much slower than the more technologically advanced presses capable of handling 11" x 17" (max.), thus reducing the labor costs associated with the printing of plans. The change will also provide the Department with a better opportunity to meet its printing deadlines.

The Department pursued several options which would enable it to take advantage of these savings. The option that will be implemented is that full size plans will be reduced to 47% on 11" x 17" paper. Legibility of the new size plans is comparable to the current 50% reduction on 12" x 19" paper, border size is sufficient, and this option has the advantages that no changes have to be made to full size plans or standard sheets. In addition, the usage rate of paper and reproducible will not be increased. However, since the full size plans will no longer be reduced to precisely 50%, the ability to perform direct conversions with commercially available engineering scales has been removed.

To overcome this disadvantage, the Department will issue special scales which will provide plan readers with the ability to scale direct. The scales will be issued to field personnel and all plan buyers. The special scales will also be available to others through the Business Administration Bureau. These scales will be marked as special DOT reference scales, and all plans will be clearly marked for use with the special scales. The cost to the Department for the scales, themselves, is insignificant compared to the other accrued savings as a result of the change.

The Department expects to have the change implemented for lettings scheduled for late June.