STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	subject:	Contract Plan CAD Standards Office of Engineering
memorandum	date:	April 3, 2007
to: Mr. Thomas A. Harley Mr. John F. Carey Mr. Joseph J. Obara Manager of State Design	from:	James H. Norman Acting Engineering Administrator Bureau of Engineering and Highway Operations

As part of the effort to standardize the Department's contract plans, the Office of Engineering is issuing a CTDOT CAD Standard for all projects initiated after June 1, 2007.

Currently, the Office of Engineering does not conform to one CAD standard for text attributes (text fonts, size and style), and plans contain inconsistencies across disciplines. Text attributes are important for the proper communication of our CAD drawings. Inconsistent annotation techniques across disciplines can lead to confusion and compromise the plans. Therefore, a CTDOT CAD Standard for all contract plans being developed under the Office of Engineering will be implemented. This includes all state and consultant design projects.

The new CTDOT CAD Standards will result in uniform, professional contract documents. Such plans will facilitate communications with other engineers, contractors, and stake holders. Delivering and maintaining one CAD Standard promotes efficiency and will help streamline requirements for the consultant community.

Along with the new CTDOT CAD Standards, there will be a change in Contract Drawing Size. The CTDOT CAD Standard will be an "ANSI D" (34"x22") size. The change in size will allow half scale prints to be printed on 11"x17" paper. The CTDOT Standard borders will be changed from a reference file to a call for productivity enhancements.

Please inform all personnel that projects initiated after June 1, 2007 are to be developed using the CTDOT CAD Standards. Users may change existing projects to use the new standards with the approval of the prime designer.

Engineering Applications has developed new design libraries that contain these new text styles, new seed files for the "ANSI D" sheet size, along with a new project folder template. Representatives from Engineering Applications will be scheduling a meeting with the discipline representatives for help with any migration of discipline standard CAD drawings, details, cells and bar menus. This standard will be available for consultant engineers on our internet site at http://www.ct.gov/dot/digitaldesign after May 16, 2007.

Please see the attachment for the CTDOT CAD Standards. Also attached is a copy of the recently issued ConnDOT Policy No. F&A-24 regarding Computer Aided Design, Survey and Roadway Design Software File Formats.



