

CONSULTING ENGINEERS
GENERAL MEMORANDUM 07-05

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING AND
HIGHWAY OPERATIONS
OFFICE OF ENGINEERING

2007 Digital Design Environment

June 20, 2007

To: CONSULTING ENGINEERS

The Department of Transportation (Department) has completed the 2007 Digital Design Environment (DDE). The 2007 DDE is a compilation of electronic files that configure a client computer or network of client computers to conform to CTDOT's CAD Standards. The Standards will allow the Department to progress toward fully digital deliverables, intermediate digital submissions, and electronic bidding of a digitally signed electronic bid package.

The Department has recently issued new enterprise-wide CAD Standards for any projects initiated after June 1, 2007. See attached memorandum "Contract Plan Standards," for details regarding the new CTDOT CAD Standards.

Policy No. F&A-24 "Computer Aided Design, Survey and Roadway Design Software File Formats," dated March 5, 2007, has been reissued (attached). The policy mandates design software standards.

The 2007 DDE customizes the user's off-the-shelf software installation to meet these standards. This customization is done without effecting any previous configurations the user might have for other clients.

The 2007 Digital Design Environment along with workflows and instructions can be obtained at the Department's website: www.ct.gov/dot/digitaldesign.

The methods shown on this site are constantly evolving and are developed for productivity and project data confluence. While comments and suggestions are welcomed, we do not have the resources to support Consultant Engineers for technical support of the standard software. The Department will however support any issues with the DDE.

The Department's Section of Engineering Applications will be hosting a day long presentation of the 2007 DDE. We will be demonstrating the electronic deliverables that we expect along with or in place of the current submission material. A full overview of the DDE, installation instructions, workflows and custom productivity applications will be covered. A tentative date for the demonstration is Monday, August 13, 2007. A notification will be made verifying the CTDOT 2007 DDE demonstration day.

The development of the 2007 Digital Design Environment is meant to streamline the development, submission, review and commenting of contract plans. Therefore, the 2007 DDE will benefit both the Department and Consultant Engineers.

Please note: The new 2007 DDE will be implemented on new project assignments. There will be no change in active project assignments unless specifically requested in writing by the Department.

Very truly yours,

Thomas A. Harley, P.E.
Manager of Consultant Design
Bureau of Engineering and
Highway Operations

Attachment