



KENTUCKY TRANSPORTATION CABINET
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PROJECT DEVELOPMENT MEMORANDUM
No. 1-2004

TO: Chief District Engineers
Design Engineers
Active Consultants

FROM: Kenneth R. Sperry, PE 
Deputy State Highway Engineer
For Project Development

DATE: October 5, 2004

SUBJECT: CADD Standards for Highway Plans (Version 2.0)

In June of 2003, a CADD Standards for Highway Plans Discussion Group was created to develop up-to-date CADD Standards. They were challenged to expand the electronic plan process and take advantage of recent upgrades in highway plan software. The result of their work is the CADD Standards for Highway Plans (version 2.0) policy. This policy supercedes the current CADD Standards for Highway Plans policy established by Design Memorandum No. 4-99. The primary goal of these standards is to insure the best possible use of project electronic files in the review, publication, construction, and archive processes.

All engineering drawings included in the "contract plan set" are to comply with the CADD Standards for Highway Plans (version 2.0) policy. It must be stressed that while these CADD Standards are to be applied to the deliverable files for Contract Plans and Proposals, they should not be used to restrict the utility of plans submitted for inspections, public meetings, or interim reviews.

Final Contract Plans are to be plotted on first generation mylar as the legal binding set. Electronic files representing the Contract Plans and Proposal shall be delivered to the Project Manager for submittal to Central Office via ProjectWise. (ProjectWise may be used for internal Cabinet deliveries to the Project Manager). All supplemental files representing engineering data shall be created and submitted in InRoads format in the version most recently recognized by the Department.

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All CADD files shall be created and submitted in MicroStation (.DGN) format in the version most recently recognized by the Department. For latest software version information refer to the CADD Standards web page listed below.

All **NEW** project starts with a construction letting **after** September 2005 shall comply with the CADD Standards for Highway Plans (version 2.0) policy. The Project Team shall decide whether to convert current projects with consideration to project schedule.

The CADD Standards for Highway Plans (version 2.0) policy document plus other helpful information is accessible on the CADD Standards web page at:

<http://www.transportation.ky.gov/caddstandards>

We are also interested in your thoughts and comments concerning the utilization of the CADD standards. Please e-mail us at the following address:

caddcomments@ky.gov

Initially, only errors will be corrected. Individual preferences and ideas will be considered. Recommendations for changes may be discussed with members of the CADD Standards committee.

Any questions regarding this memorandum should be directed to this office.

KRS:JDJ:pk