State of California
DEPARTMENT OF TRANSPORTATION

Business, Transportation and Housing Agency

Memorandum

Flex your power!
Be energy efficient!

To: DISTRICT DIRECTORS
PROJECT DELIVERY DIVISION CHIEFS
DEPUTY DISTRICT DIRECTORS – PROJECT DELIVERY
DESIGN MANAGEMENT BOARD
CADD COORDINATORS
DISTRICT OFFICE ENGINEERS

Date: August 27, 2004

From: MARK LEJA
Chief
Division of Design

Subject: CADD Users Manual Update

The CADD Users Manual is being updated to document changes to the CADD standards. These changes, which are already being practiced by the districts, reflect the current Caltrans development/delivery process for projects developed in metric and delivered in the MicroStation file format (version 5 through 7). This update incorporates previous changes addressed in the CADD Standards Update Memorandum (dated September 24, 2003), with the exception of item 4 in Attachment 1. Item 4 will be included in the ongoing update of the Plans Preparation Manual.

This Manual update is being completed incrementally, and will be updated on the Caltrans Internet Web pages only. As sections are completed, they will be posted to the web. Each section within a Chapter will have the date it was revised. The Caltrans Internet Web address is: www.dot.ca.gov/hq/esc/Engineering_Technology/DevelopmentBranch/CADD_manual/revtitle.html

The first part of the update will be posted on September 1, 2004, and includes:

- Complete revisions of Chapters 1 & 2 and the Appendix.
- A new chapter, (Chapter 5) that discusses Caltrans plotting standards.

The second part of the update, scheduled for completion by spring 2005, will include:

- Complete revision of Chapter 3. Portions of Chapter 3 will be moved to other chapters and new topics will be included.
- Deletion of Chapter 4 to be replaced by sections discussing PS&E and As-builts (currently located in Chapter 3).
- The addition of several new sections to Chapter 2 covering new topics.

Please implement the changes as soon as possible on all projects, unless it will jeopardize the delivery schedule of a nearly completed project. Please make sure that all personnel who help develop project plans (from all functional units and consultants) receive this memorandum.

Future updates to the CADD Users Manual will be required when Caltrans implements MicroStation version 8 and when the conversion back to English measurements is made.

For questions about the revisions to the CADD standards, contact Jeff Kepley at CALNET 8-498-2572 or (916) 227-2572.

c: Jeff Kepley