

## A/E/C CADD STANDARDS IMPLEMENTATION

A CEMP-EE/CECW-EP policy memorandum dated 9 July 1998 mandated the use of the most current Tri-Service A/E/C CADD Standard for all projects less than 35% complete. At that time, utilities to aid in standards implementation were not available, and the effort required for implementation was not fully recognized.

Since that time, the CADD GIS Technology Center (the Center) has developed utilities for standards implementation for MicroStation and AutoCAD. The MicroStation Workspace vs. 2.0 is complete and ready for download from the Center web site at <http://tsc.wes.army.mil>. Workspace training was made available to all districts in FY00. All Workspace users' training materials are available on the Center web site and the Corps CADD web site at <http://ckb.wes.army.mil>, under "Workspace." The AutoCAD compact version, with the same functionality as the MicroStation version, is available for Beta testing download at [http://tsc.wes.army.mil/TSWS\\_Acad\\_Workspace.asp](http://tsc.wes.army.mil/TSWS_Acad_Workspace.asp). The site describes the program and its functionality as well as allowing download of the program for passing Standards Layer information into AutoCAD. The program has been used on AutoCAD versions: 14.0, 14.01, 2000, and 2000i.

Additionally, the Corps Systems Field Action CADD (FAC) Group has developed an A/E/C CADD Standard Implementation Guide. This guide will aid USACE districts in developing a plan for implementing the Standards. A copy of the Guide will be sent to all districts in the near future. In addition to the Guide, the Group, in coordination with the Center, has developed a plan to provide assistance to districts in their efforts to implement the standards. The guide and the plan are based on real world experiences from districts that have tried to implement the standards.

The plan will be tested at two pilot districts prior to offering the services to the rest of the Corps. Jacksonville District will be first test site of this implementation. A Standards Action Workspace Team (SWAT) will be assembled to carry out the plan. The team will be made up of one person from the Center and 2-3 people from the Systems FAC. The team will give an overview of the standards, workspace training and then do discipline specific workshops. They will help the district look at its business processes, see where the implementation applies, and facilitate the dialog among district personnel as they develop their implementation plan. The standards implementation needs to be rolled into the whole business process. The way drawings are assembled will probably need to be changed if districts are going to use the standards. Jacksonville will document the results from their implementation.

After Jacksonville does the pilot test, they will send out their implementation plan to other districts that are interested. A military district will be selected for the second pilot implementation.

After the pilot implementations are complete, the SWAT team will be available to help districts develop a Standards Implementation Plan on a reimbursable basis. Once a district implements the plan and the standards, they should generate a list of problems encountered with the standards and send them to the Center so they can revise the Standards.

POC: Jean McGinn, CECW-EE, 703-428-7320

## **ADVANCE NOTICE OF GUIDE SPECIFICATIONS SYSTEM CHANGE**

The Military Services plan to implement a new guide specification system in March 2001. The new system will be available from the Military Services web sites about 25 March 2001 and on CCB disk Number 56.

The new system has the name Unified Facilities Guide Specifications (UFGS) and will replace the current construction guide specifications of the Army Corps of Engineers, the Naval Facilities Engineering Command, and the Air Force Civil Engineer Support Agency.

This action is in accordance with House Conference Report 105-247 requiring unified design guidance for the Tri-Services

***POC: RICK DAHNKE, CECW-EFE, 202-761-4125***