

**Structural FAC
Teleconference Minutes
11 October 2000**

1. Participants:

Lori Taylor (MVP)
Cindy Riley (SWL)
Jim Bruszewski (LRB)
John Connor (NWK)
Jeff Qunell (NWS)
Don Cook (SAJ)

2. New Team Members: Jim Bruszewski and Robert Tedrick are joining our FAC. Robert is replacing Peter Lam as the representative for Alaska District. The following is a list of the entire Structural FAC team as of the meeting date:

Jim Bruszewski	Buffalo District
John Connor	Kansas City District
Don Cook	Jacksonville District
John Dunford	Baltimore District
Ghassem Khosrownia	Sacramento District
Mark McVay	Tulsa District
Jeff Qunell	Seattle District
Cyndi Riley	Little Rock District
Lori Taylor (Chair)	St. Paul District
Robert Tedrick	Alaska District
Tom Tufts	Sacramento District
Clare VanDyke	Sacramento District
Diane Willis	Chicago District

3. Minutes: No changes were made to the 11 August meeting minutes.

4. Level Tables: The revised structural level tables and the new non-building structures level table were prepared by John Connor and submitted to Steve Spangler at the CADD Center. Most of the proposed additions/changes to the structural level tables were accepted by the CADD Center and will be incorporated into the next version of the A/E/C CADD Standard and Workspace. The CADD Center was unable to incorporate suggested changes to the ISO naming format due to conflicts with the National CAD Standards. However, the element field (characters 3-8) can be assigned by the individual districts. Combining details and sections level tables would not be in accordance with the National CAD Standard. However, these two tables will have identical level assignments. The new structural level tables are available on the WES ftp server (mack.wes.army.mil) in /Out/AEC_CADD/1_9_Std/STFAC.zip.

5. New File Naming Convention: The proposed changes to the file naming convention for release 1.9 of the A/E/C CADD Standard were discussed. Adding 0-17 optional characters in front of the current Industry Standard file naming convention and eliminating the Tri-Service Optional file naming convention was supported by the meeting participants. Jacksonville's current file management system, Falcon, would not support the addition of optional characters; however, since the additional characters are optional, they could continue to utilize an 8 character file name. Although the predominant EBS Software, SourceView, does not support more than 8 characters, the next generation software, MaxView, does and is currently available for purchase. No other software conflicts were identified. FAC comments will be furnished to Steve Spangler.

6. Structural Details: To date, structural details have been received from Galveston, Los Angeles, Omaha, Tulsa and Wilmington Districts. These details will be converted to comply with the A/E/C CADD Standard and submitted to the CADD/GIS Technology Center for inclusion in their Details Library when funding becomes available. The use of the detail library vs. the use of cell libraries for details was discussed. Kansas City District has the details library loaded and operational. St. Paul District has the library loaded, but it is not working properly. FAC members are encouraged to either download or request a CD of the Details Library from the CADD/GIS Technology Center's website at http://tsc.wes.army.mil/products/cadd_details/.

7. Structural Web Page: The Civil/Site FAC's final submittal to WES for their website development was received and forwarded to John Connor. John will continue to develop the web page as time permits. He will contact WES to determine how much funding they will require in FY01 to establish the page. If anyone is interested and has the time to work on the web page, please contact John at (816) 983-3240.

8. Standard Implementation: Problems encountered getting users to utilize the A/E/C CADD Standard were discussed. Jeff Qunell suggested inviting one of the CADD users in his district (Seattle) to participate in our next meeting to voice compliance issues. Seattle District users have expressed concerns regarding the requirement for too many different level tables. FAC members are encouraged to test the Beta version 2.0 of the Tri-Service Workspace. Version 2.0 is available on the WES ftp server (mack.wes.army.mil) in the /Out/AEC_CADD/Workspace 2_0_3a directory.

9. MathCAD 2000 Applications: Jeff Qunell has made some progress linking MathCAD sketches to MicroStation.

10. AutoCAD/MicroStation Translation Tables: Clare VanDyke and Ghassem Khosrownia are working on the translation tables.

11. Structural Project Wish List: FAC members are encouraged to make a wish list for future projects. Jim Bruszewski is interested in obtaining a program to calculate windloads.

12. Third Party MicroStation Software: HLB Technology has an MDL program called StructuralPRO which draws nuts, bolts, and washers. The program is relatively inexpensive at \$500/license, and the company will give a discount if you purchase five or more licenses. A trial version of the program can be downloaded from HLB Technology at <http://www.hlbtech.com/>.

13. The Next Meeting will be a conference call to be held on 8 November at 1:00 p.m. CDT. Lori Taylor will email FAC members with details.