

**Structural FAC
Teleconference Minutes
10 January 2001**

1. Participants: The following members participated in this month's meeting:

Lori Taylor (MVP)
Ghassem Khosrownia (SPK)
John Connor (NWK)
Jim Bruszewski (LRB)
Diane Willis (LRC)
Cyndi Riley (SWL)

2. June STFAC Meeting at A/E/C Conference in Chicago: All team members are encouraged to attend. We will be reviewing structural details and the A/E/C CADD Standards, as well as working on our website. To date the following members plan to attend the STFAC meeting(s) to be held in conjunction with the A/E/C Conference 18-21 June 2001:

Don Cook	Jacksonville District
Cyndi Riley	Little Rock District
Lori Taylor (Chair)	St. Paul District
Clare VanDyke	Sacramento District
Diane Willis	Chicago District

John Connor, Roger Tedrick, and Jeff Qunell will not be able to attend.

3. Minutes: Those submitting projects to the CADD Center should list a POC with proper expertise, and not list Jean McGinn as previously reported in the 13 December 2000 meeting minutes. Minutes are now available on the Corps of Engineers Knowledge Base website <http://ckb.wes.army.mil/>.

4. Structural Level Tables: The CADD Center's draft of the structural model files were forwarded to each member for final review. Final comments are due to Lori by 12 January. We will request that both line style 0 and 2 be listed for all structural features to allow for hidden lines when required. We will also request that welding symbols be included in the description for level 1 (dimensioning) rather than placing them on a separate level as shown for Detail and Section models.

5. FY02 Project Submission: There will be a call for projects sometime in February. The following projects will be submitted to the CADD Center for possible funding in FY02:

- Structural Center of Expertise (establish a structural website)
- Review and Edit Structural Details for Inclusion in the Center's Details Library
- MathCAD Library (compile, review and publish MathCAD programs on the website)

6. Detail Bubbles: Mike Watson (Memphis District) currently has a project underway that adds intelligence to objects. Detail bubbles are included in this project. Using his program, the symbols would be placed with tag data that is linked to a database. This tag data will carry over into the CALS files. Not only will detail bubble placement be automated; clicking on the symbol would automatically call up the actual detail or section. The program will also store title block information, which can then be retrieved to create an index for Electronic Bid Sets (EBS). The program is being produced for use in both AutoCAD and MicroStation and is expected to be complete by the end of the FY. The scope of work is available from Lori Taylor.

7. Software Survey: All Corps Districts were surveyed in order to compile a list of commercial structural software used throughout the Corps. To date 13 out of the 41 districts surveyed have responded. A spreadsheet containing information gathered to date will be forwarded to all members.

8. Scaling Survey: To date, 13 out of 41 districts surveyed have responded. Two district structural sections use the A/E/C CADD Standard method (scaling the model file to fit the 1:1 border). One district alters the working units to scale drawings. Eleven districts reference the model file at 1:1 and scale the border file.

9. The Next Meeting will be a conference call to be held on 14 February 2001 at 1:00 p.m. CDT. FAC members will be emailed with details.