

MINUTES

Roadway CADD Users Group Meeting 1st Quarter February 3, 2009

In attendance

CADD Support: Jim McMellon, Oak Thammavong, and Eddie Douglas

CADD Representatives: Sherri Calhoun, Brandon Johnson, Libby Morrison, Kevin Aldridge, Terry Farr, Ron McCollum, William Akabi-Davis, Tina Snell, Piotr Stojda, Greg Hall, Susan Lancaster, Shannon Macom, Andrew Young, Jason Talley, Julio Williams, and Sterling Ragland

Other Attendees: Michael Kelly (Hydro), Ed Williams and Bryan Edwards (NCDOT CADD Services)

Microstation V8i/Geopak 8.08.03

CADD Support discussed the new version of Microstation and Geopak.

- Microstation V8i (about 6 months implementation)
- Geopak AccuDraw
- [Pi Alignment Editor](#) - Make the CADD IT portal video tutorial available to Roadway.
- Roundabout Design - A lot of interest was shown by the CADD Representatives in the Geopak Roundabout Design feature. CADD Support is investigating Bentley training and any support/documentation for implementing in Roadway Design.

Standard TIP Folders Changes

- Final Surveys Folder - 01/09/2009 Memo – Final Survey Folders/Files. In addition, a lot of concerns have been asked about the transmittals that we currently sign from other Units. Will the XLS file replace this practice? The answer to this is simply, "No." Correspondence letters and transmittal letters will resume normal practice when updates are being done to the final survey files. We have confirmed this with Rob Allen of Photogrammetry and Emory Kincaid of L&S.
- Wetland File/PDEA Folder
 1. Roadway pen table will turn off all levels in the wetland file, including jurisdictional steams, except for the 4 levels designated by NEU. These four NEU plottable levels are:
 - a. Exist Hydro Swamp or Marsh
 - b. Exist Environmental Endangered Animal Boundary
 - c. Exist Environmental Endangered Plant Boundary
 - d. Exist Environmental Wetland Boundary
 2. A PDEA folder will be created on the TIP server. See attachment for the new PDEA folder structure. Existing wetland files will be moved into this new folder, //PDEA/Mapping/CADD. After the move, the existing wetland folder will be deleted. A memo from PD&EA will come out this Thursday 02/12/2009 before the move. The move is scheduled for the weekend of 02/14/2009. Existing Projects with wetland files attached should be re-referenced (not necessary to re-clip them, use the browse button option). If you have IPS files, they will have to be updated. See attachment as an example.

Classes/Training Under Development

- Earthwork Computation Sheet (Excel Balance Card) – Currently collaborating with Plan Checking for class material.
- Corridor Mapping Manual/Updated Hearing Map Class
- Microstation V8i
- Geopak AutoShape
- NCWedge
- Rip Rap Utility – Workshop or Video Tutorial

Q&A

Q1. Kevin Aldridge – Can the size of R/W and C/A circles be reduced?

A1. Upon further investigation, only the metric linestyles for R/W and C/A needed to be adjusted. Ed Williams will reduce the linestyle scale by 10% for R/W and C/A in the metric linestyle resource file. CADD Support will email Roadway-All of the change.

Q2. Kevin Aldridge – What is the status of the Rip Rap Utility Program?

A2. Both Hydro and Roadway share this application. It has been cleared by the Front Office and Plan Checking for use. A workshop or a video tutorial may be created to help.

Q3. Kevin Aldridge – Can a D&C Manager item be created for 2'-9" curb and gutter?

A3. 2'-9" curb and gutter is not part of the Drawing Standards. Use the generic "xx'-xx" Concrete Curb & Gutter" D&C Manager item for 2'-9" curb and gutter.

Q4. Ron McCollum – Can the automatic filter selection be turned off?

A4. Yes. All filetypes except for XSC, PAT, and PFL will default to "All Levels".

Q5. Ron McCollum - Can the pipe removal line added by Hydro be removed from plotting via the pen table?

A5. The pen table has been updated to remove this line from plotting.

Q6. Jason Talley - Can a program be written to create vertical clearance using the output from the GACP?

A6. CADD Support will meet with the GACP programmers to discuss.

PDEA Project Store Directory Structure



