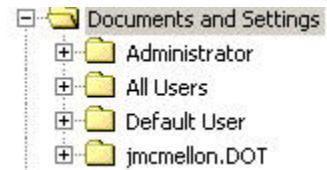


March 13, 2008 Roadway CADD User's Group

<u>Attendance</u>	<u>PE Group</u>	<u>Attendance</u>	<u>PE Group</u>
Eddie Douglas	CADD Support	Dean Noland	Jimmy Goodnight
Jason Talley	Tony Houser	Tina Snell	Gary Lovering
Susan Lancaster	Glenn Mumford	Joyce Drew	Brenda Moore
Bernie Bumgarner	Chris Haire	Clayton Walston	Cathy Houser
Jim McMellon	CADD Support	Piotr Stodja	Jim Speer
Sherri Calhoun	Jason Moore	Sterling Ragland	Roger Thomas
Kevin Aldridge	Greg Brew	Bryan Edwards	IT CADD Services
Oak Thammavong	CADD Support		

Introduction –

- Jim McMellon opened the meeting with group discussion of better ways to notify every one of these meetings. While we continue to tinker with delivery notification, it was decided that adding the meeting to everyone's calendar along with an email is important. It was also stressed of the importance of someone coming from every PE group to help disseminate important information discussed in this user group.
- Oak was introduced as the new assistant squad leader in CADD Support.
- **Transport Update.** We have “re-started” researching ways to utilize the Geopak – Quantity Manager – Transport method to import quantities from our design files. Kevin Aldridge informed the group that he had some old notes on previous versions for this process. Updates will be given at the next meeting.
- **Outlook Email /XP Pro Update.** The conversion to Outlook email and calendar has been moved to Memorial Day weekend. It was also noted that *all* machines will be re-imaged around this point with a new XP image. We can not emphasis the importance of everyone cleaning up their computers and backing up important data onto CD's before this re-image. *Side note:* There will be no D: drive available and the only part of the C: drive that will be available for users to store data will be in their user profile.



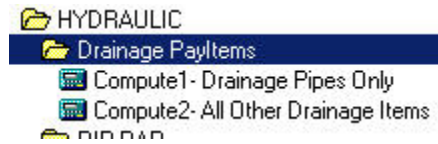
- **Bridge Document Management System.** Bridge Maintenance has now made access available to everyone in Roadway Design. Information on accessing this information and a guide for use and the web location can be found on Roadway's Index web page under [Bridge Document Guide](#).

B
[Backing Up Data - \(CD\)](#)
[Berm Ditch \(STD. 240.01\)](#)
[Bridge Document Management Guide](#)

- **R/W Marker Coordinate Sheet.** Oak previewed a new program and process that Location & Surveys will start using. This program will scan our RoW file for right of way monuments and list them out in a spreadsheet format with XY coordinates. It will be important that Roadway place these monuments in the exact location since these coordinates will be placed in data collectors to be located in the field during construction. This brought up a lot of questions about Roadways role in processing this data. When will this process be run? Does Roadway need to place labels now on the markers, and such? We will follow up with these questions and report back at the next meeting.



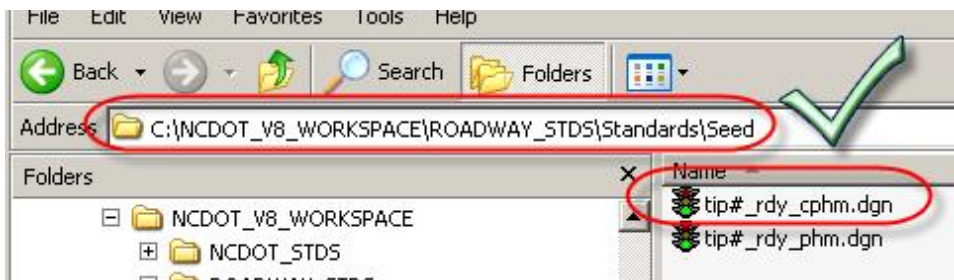
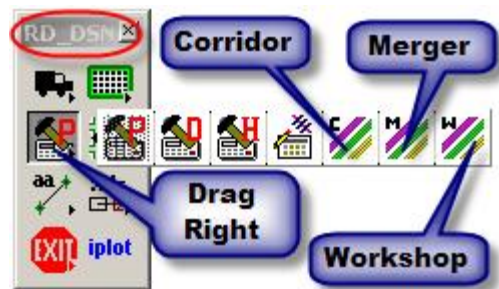
- **Drainage Payitem Computation.** Hydraulics has been working on two new areas in MicroStation to help automate design. One is Geopak drainage and the other is an in-house VBA program that adds “information” to drainage elements called adhoc. Once this application is finished and made available to all of Hydro, you will be able to compute your drainage items using the new compute drainage pay items in D&C manager. One area is for Pipe and the other is for all other drainage items. Please note that this is new and will only be available on new projects that are coming from Hydro. We are continuing to work with Hydro to look at other areas (i.e. structure numbers) to help reduce redundancies and expedite our work.



- **Gore Area Calculation Program (GACP).** Oak previewed a new program created by Ross for gore area calculations. This program is already in our workspace and may be used by clicking on the toolbar. We are currently writing some help documentation for use of this program but a lot of it is easy to use and ready for use. Oak also previewed a new program that runs outside of MicroStation called NCDOT Profiler that is in the NCDOT/appl workspace. Documentation is also currently being written for this program too. Oak will send the draft copies of the documentation to the CADD representatives. Also [email Oak](#) if you are interested in testing the new NCWedge and Pavement Quantity program.



- **Roadway Corridor Maps.** Eddie went over the new .ddb files created for use in the creation of Corridor Maps, Merger Meeting Maps, and Workshop Meeting Maps (these new .ddb files are available in Roadways RD_DDB tool box). The .ddb file has standardized the element placement layout to make it easier for users to create these maps.



Please note that Hearing Maps and Corridor Maps use seed files already created in Roadways workspace under Standards \ Seed. The correct file naming

convention has been applied. Copy this seed file to the Hearing Map folder and add the TIP number. Merger and Workshop maps can still be created with Design File Generator.

- Q&A

Joyce asked if Hearing Map text and labels could be standardized so as not to vary from map to map. Oak has started this and will inform everyone when complete.

Kevin asked that all CADD applications consider metric projects as they will be around for a while. Metric projects having CADD issues will have to be dealt with case by case.