



CHANGE IN CADD SUPPORT FOR STRUCTURE AND BRIDGE DIVISION

NEW CADD SUPPORT SPECIALIST

Mr. Chris Ruhf accepted the position of CADD Support Specialist effective November 25, 2007. Chris returns to VDOT after a brief time in the private sector working for Northrop Grumman/VITA Partnership in desktop support. Chris previously worked in the AES Section for eight years as a Support Engineer. He has been with the department for 19+ years. Please join in welcoming Chris to his new position and wishing him the best.

Chris will be providing CADD Software Support primarily to the Structure and Bridge Division and will also assist other divisions with CADD support. In order to provide customer service we ask that all requests for CADD assistance be directed through the L&D Helpdesk at (804) 786-1280 or e-mail CO Location and Design Helpdesk at colndhelpdesk@vdot.virginia.gov.

CADD SUPPORT HELPDESK PHONE NUMBER IS STILL THE SAME

VDOT EMPLOYEES CALLING FOR HELPDESK SUPPORT

VDOT customers having problems with CADD software products (Bridge Software, MicroStation, Falcon, GEOPAK, IGrds, Caice, eQuorum, Plotting, etc.) call CADD Support Helpdesk at (804) 786-1280, 1(888)683-0345 or e-mail at colndhelpdesk@vdot.virginia.gov.

Consultants and VDOT staff can also call Bentley Systems directly with GEOPAK problems at 1(888) 436-7251

SUPPORT FOR CENTRAL OFFICE ROAD DESIGN TEAMS

CADD DRAFTING SECTION

On October 10, 2007 the CADD Drafting Section was realigned under the CADD Support Program Area. The CADD Drafting Section supports Location and Design's Current Mission statement, "Maintain strong competent design centers to provide design services to the District project managers and staffing pools for support areas" by providing "sub-consultant drafting services to the Central Office Roadway Design Teams." In addition to its core drafting function the CADD Drafting Section assists the CADD Support Section with database update, Plan File Room Aperture Cards, Help Desk support, and other diverse responsibilities.

Tracy Wood, previously a Road Design Engineer, manages the CADD Drafting Section. Team Leaders Fred Burroughs and Reginald Reaves are experienced Road Designers and Adrienne Coxe brings a varied background of Road Design and Landscape Design experience. The group brings many years of valuable Drafting & Road Design experience. The CADD Drafting Section is off to a motoring start. Visit our Site on the Web: http://insidenvdot/sites/Location_and_Design/CDS/default.aspx

CADD SUPPORT SECTION

THE CADD SUPPORT SECTION IS RESPONSIBLE FOR PROVIDING TECHNICAL SUPPORT FOR CADD SOFTWARE TO ALL LOCATION & DESIGN PERSONNEL, AS WELL AS OTHER DIVISIONS, CONSULTANTS AND CONTRACTORS. THIS SECTION PROVIDES ASSISTANCE WITH ELECTRONIC MANUALS AND UPDATES TO INTERNAL AND EXTERNAL WEBSITES. WE ALSO COORDINATE THE TRAINING OF TRANSPORT PES, MICROSTATION AND GEOPAK.

CADD STAFF

JEFF WYATT - CADD Manager

SAM PERKINS - CADD Support Team Leader (GEOPAK, Plotting)

WILBERT LAMBERT - CADD Support Team Leader (GEOPAK, MicroStation)

VALLARIE GRAY - CADD Support Team Leader (Web, Manuals)

VICKY COLE - CADD Support Specialist (Falcon)

CHRIS RUHF - CADD Support Specialist - Bridge Support

BRYANT CUFFEY - CADD Support Specialist

THERESA WILSON - CADD Support Specialist (TRNS•PORT, Training)

LAWRENCE LEED - CADD Support Specialist (Falcon, Licenses)

WENDY CLINGER - Application Analyst (Manuals)

AUFAIT FRAZIER - Application Analyst (Visio)

JEFF FREEZE - Application Analyst (Databases)

BONNIE TRENT - Application Analyst (Web)

VICKIE GULLET - Application Analyst (Falcon Access)

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MANUALS & GUIDES

<http://www.virginiadot.org/business/manuals-default.asp>

CADD SUPPORT HELPDESK NUMBERS

(804) 786-1280
1(888) 683-0345

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GET INVOLVED

Submit Your Suggestions & Comments

Get involved - Be the next **In The Spotlight**. We welcome all comments and responses.

E-mail:
Wendy.Clinger@vdot.Virginia.gov
Vallarie.Gray@vdot.Virginia.gov



Location and Design

2008 TRAINING SCHEDULE

The CADD Support section is responsible for training in the following applications – Basic MicroStation V8, GEOPAK Road, Survey, Drainage and TRNS•PORT PES. This training is available free of charge to all persons required to use these applications while doing business with VDOT and many of the classes are now being offered in the District offices. The most up to date training schedule is December 2007 – May 2008. Register for a class by using the link below.

<http://www.extranet.vdot.state.va.us/locdes/training/schedule/aesschedule.htm>

It should be noted that the dynamics of some of the classes have changed since outside sources are conducting/teaching the MicroStation and GEOPAK classes.

* **Effective July 2007 - unless otherwise stated, all CADD training will be conducted at J. Sargeant Reynolds Community College Downtown Campus.**

TRNS•PORT PES - NGT (Next Generation Transport)

Look for changes in TRNS•PORT in the Fall of 2008. TRNS•PORT will become a totally web based application. A dedicated group of employees from VDOT is currently working closely with InfoTech and other users nationwide to develop and migrate the Client Server version of TRNS•PORT to a web version.

FALCON WEB SUITE

Falcon Database Errors

We are still having problems with Falcon file naming errors which appear when files are tiffed. Several common items cause much time to be wasted in renaming files before updating current drawings and plan file room. First are sheet numbers, all plan sheets in the range 1-9 including 1a, 3c, 7d for examples should contain a single leading zero i.e. 01, 01a, etc. no preceding pms numbers. Sheets 10 and up should not have leading zeros. If a road project includes a bridge, the bridge number should not be included under keywords. It suppresses the rest of the route info when files are tiffed. Last if the job has a number like Route 623 it should be entered 0623. Please follow these simple rules when adding projects to Falcon to make the tiff updates easier and faster.

MICROSTATION TIPS & TRICKS

MICROSTATION—QUICK REFERENCE KEY-INS

AA	Active Angle
CC	Create Cell
CT	Attach Color Table
FF	Copy Fence to dgn File
FT	Active Font
GO	Global Origin
KY	Snap Divisor
LC	Active Line Style
LL	Line Length, Text
LS	Line Spacing
LV	Active Level
RC	Attach Cell Library
RF	Attach Reference File
RV	Rotate View
SV	Save View
TH	Active Text Height
TW	Active Text Width
TX	Active Text Height /Width

Ctrl B	View Attributes
Ctrl E	Level Display
Ctrl F	Save Settings
Ctrl I	Element Information
Ctrl N	New File
Ctrl O	Open file
Ctrl U	Ungroup Elements
Ctrl W	Close File

GEOPAK TIP

Pattern Lines

Problem: User adds, changes, or deletes pattern lines. Recuts original cross-sections and changes do not show up.

Solution: Geopak puts the pattern lines in memory and does not clear this memory until Microstation is exited. This is a bug. To get the original cross-sections process to pick up on pattern lines changes, the user needs to exit Microstation then start back up. The process will function correctly unless more changes are made.

IN THE SPOTLIGHT CULPEPER DISTRICT



Providing Support

Stephanie Cronk spends a lot of time working thru CADD problems with the CADD Support Section. Thru the use of VNC, Remote Assistance or another remote controller, Sam Perkins does a good job jumping right into Culpeper's projects and helping them work thru whatever they are hung up on. Stephanie compiles the tips, tricks, and fixes she learns and distributes them by the use of email to the appropriate users and she also maintains a library in her station with the information and encourages others to do the same. As for users in other divisions, she maintains communication with key persons in those sections that are her point of contact for CADD, but also support their users quite successfully via the telephone and email when the need arises. Stephanie says she will make house calls when these methods just aren't working. Users in the Culpeper District never hesitate to let Stephanie know when they are running into snags, she does not hesitate to seek assistance and guidance, as well as make suggestions and recommendations to the CO CADD Support Section when they come up with ideas that could be helpful to other users.

Culpeper District has designated a backup (Jeanette Driscoll) for Stephanie. Jeanette has been very helpful in forwarding pertinent emails such as the tiff and archive emails to the user in Stephanie's absence so folks don't have to wonder if their files went thru. Jeanette is copied on Stephanie's helpdesk requests so Culpeper always has someone in the loop.
(Stephanie Cronk)