

Creating Cross Section Plot File For Electronic Submission

Create a new microstation file using the appropriate seed file (geopakxsh.dgn or mgeopakxsh.dgn) and name the file the same as the **project number _x.dgn** (Example: **0172-114-v02 c501_x.dgn**).

Geopak cross sections -Reference up mainline cross section sheet file and use Copy Attachments with a depth set to 1.

Reference Attachment Settings for d77093xsheetbrook.dgn

File Name: d77093xsheetbrook.dgn
Full Path: ...\\view\\77093\\d77093\\d77093xsheetbrook.dgn
Model: Default

Logical Name:
Description: Global Origin aligned with Master File

Orientation:

View	Description
Coincident	Aligned with Master File
Coincident - World	Global Origin aligned with Master File
Standard Views	
Saved Views (none)	
Named Fences (none)	

Detail Scale: Full Size 1=1
Scale (Master:Ref): 1.000000 : 1.000000

Named Group:
Revision:
Level:

Nested Attachments: Copy Attachments **Depth: 1**
Display Overrides: Allow
New Level Display: Never
Global LineStyle Scale: Master

Synchronize with Saved View

Toggles

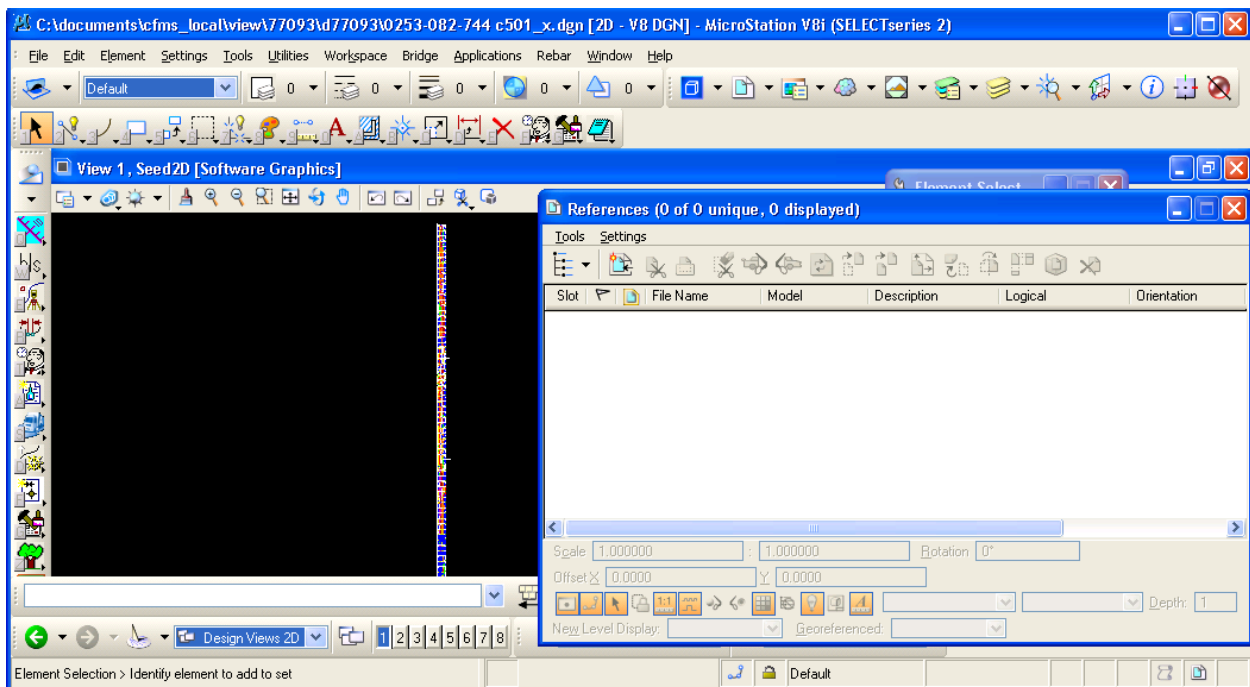
Drawing Title
 Create
Name: Drawing

OK Cancel

Fence and copy cross sections from reference file. (Make sure you offset the copied cross sections from the original stack. This is necessary because all cross section reference files will attach at the same location which would make it difficult to distinguish between the copied cross section and the new attached cross sections).

Next detach all reference files.

Make sure you reference the files in order starting with file that contains cross section sheet 1. Reference up all other pertinent cross section files one by one and repeat the previous steps. Copy the cross sections so they are just above the previous cross section sheets. They should be in the same order they would come in the plan assembly (bottom to top)



The Cadd section will plot the crosssections to PDF upon a request from the Designers.

Designers should send an email with a brief description of the project including the following details when the crosssections need to be plotted.

File Name

UPC #

File location in falcon (data base and environment)

Location PDF files shall be placed (current drawings or plan file room)

If you have any questions please contact the CADD Support Helpdesk via email COLNDHELPDESK@VDOT.Virginia.gov. or call toll free 888.683.0345 or local 804.786.1280.