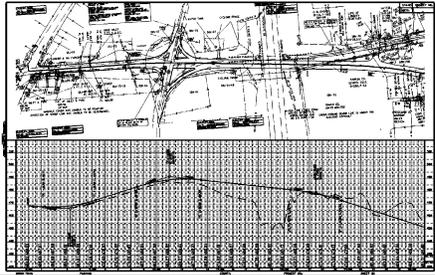
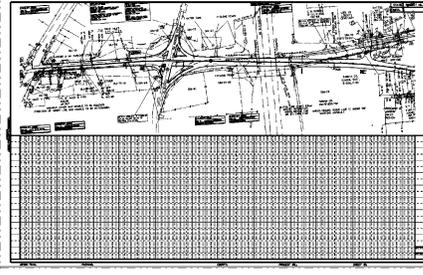
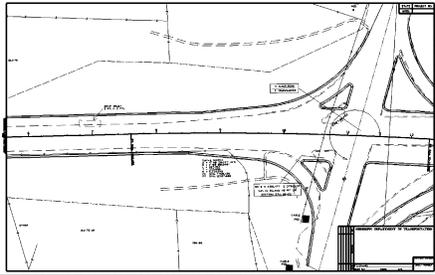
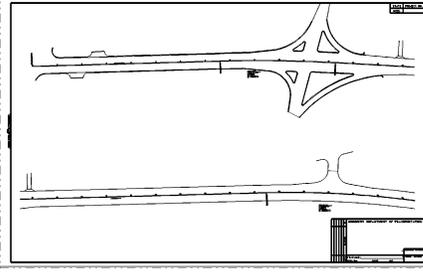
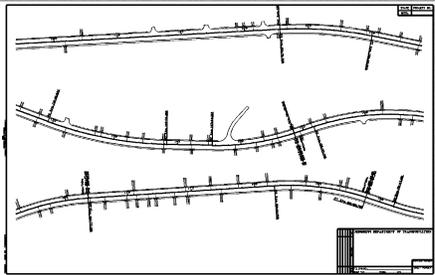
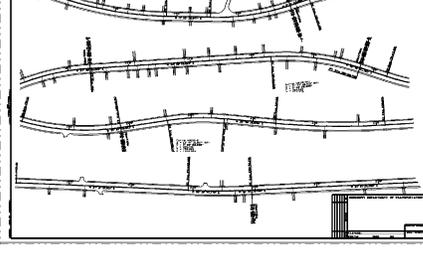


# **PLAN & PROFILE SHEETS** (1-23-2012)

This document contains specific instructions of how to use GeoPak's Plan and Profile Sheets application to create the following type sheets:

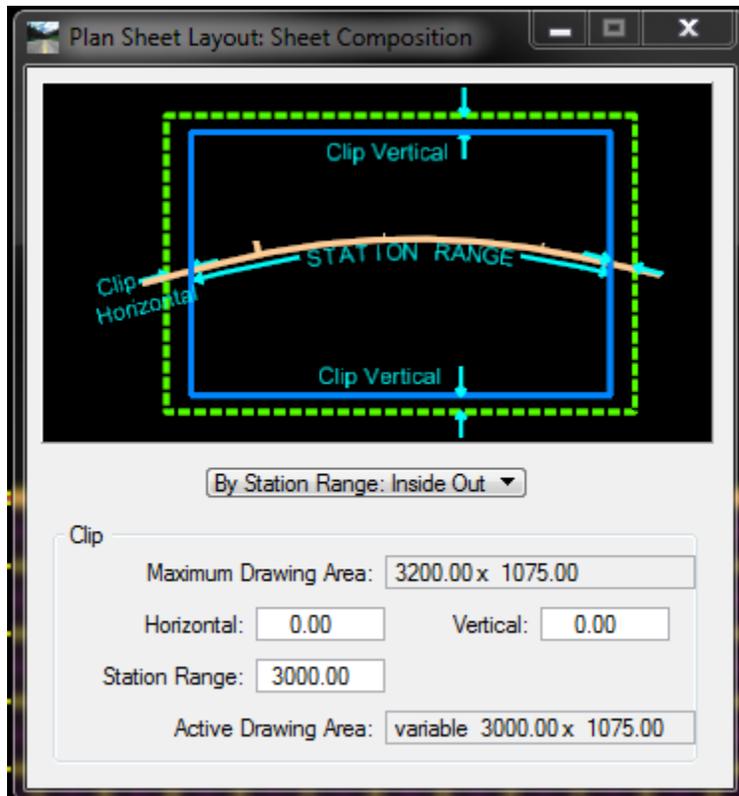
<p>PLNPRO</p> 	<p>PLNPRO-PLN ONLY</p> 
<p>PLAN</p> 	<p>PLN2</p> 
<p>PLN3</p> 	<p>PLN4</p> 

## STEPS

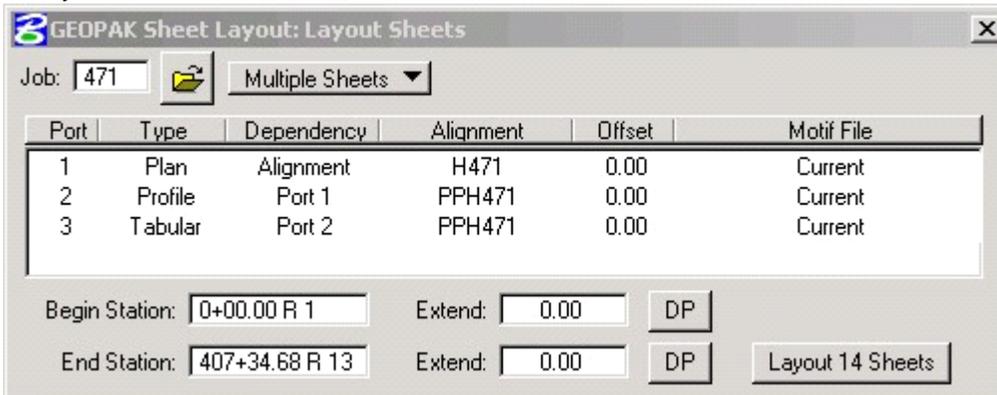
1. In BORDERchainname.DGN, reference all sheets you want attached to the Plan & Profile Sheet.
2. Set the Type Sheet & Scale on the dialog below.



3. Sheet Composition Button



#### 4. Layout Sheets Button



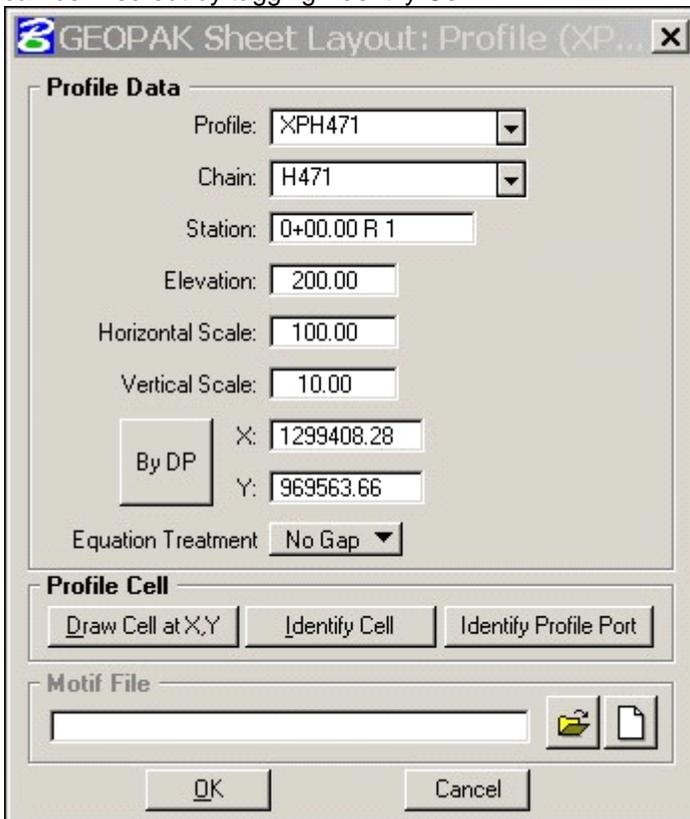
Port	Type	Dependency	Alignment	Offset	Motif File
1	Plan	Alignment	H471	0.00	Current
2	Profile	Port 1	PPH471	0.00	Current
3	Tabular	Port 2	PPH471	0.00	Current

Job: 471  Multiple Sheets ▼

Begin Station: 0+00.00 R 1    Extend: 0.00    DP

End Station: 407+34.68 R 13    Extend: 0.00    DP    **Layout 14 Sheets**

Double Click each line & fill out the appropriate info. If profile's involved, the Profile & Tabular dialogs can be filled out by tagging "Identify Cell".



**Profile Data**

Profile: XPH471 ▼

Chain: H471 ▼

Station: 0+00.00 R 1

Elevation: 200.00

Horizontal Scale: 100.00

Vertical Scale: 10.00

By DP X: 1299408.28

Y: 969563.66

Equation Treatment: No Gap ▼

**Profile Cell**

**Draw Cell at X,Y**    **Identify Cell**    **Identify Profile Port**

**Motif File**

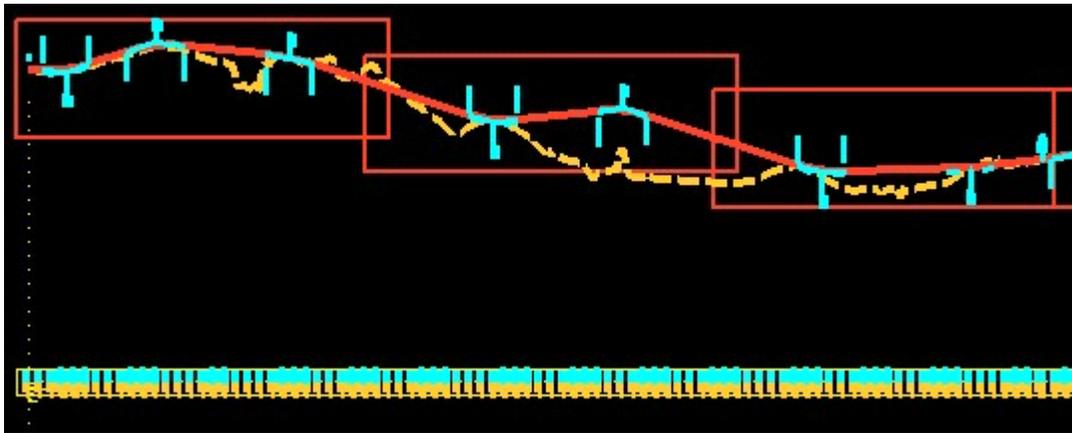
**OK**    **Cancel**

Tag Layout Sheets to place your borders as shown below:

#### Plan Borders



## Profile Borders



## 5. Editing Sheet Numbers

Choose all the lines and then tag the edit sheet number button on the right to get the 2nd dialog shown below. Fill it out as needed to get the proper DGN file name for each sheet.

**GEOPAK Sheet Layout: Sheet Number Manager**

Sequence	Sheet	Alignment	Begin Station	Extend	End Station	Extend
1	1	H471	5+00.00 R 1	0.0000	35+00.00 R 1	0.0000
2	2	H471	35+00.00 R 1	0.0000	65+00.00 R 1	0.0000
3	3	H471	65+00.00 R 1	0.0000	108+72.14 R 2	0.0000
4	4	H471	108+00.00 R 2	0.0000	138+00.00 R 2	0.0000
5	5	H471	138+00.00 R 2	0.0000	168+08.03 R 4	0.0000
6	6	H471	167+00.00 R 4	0.0000	197+03.55 R 5	0.0000

Highlight Clipping Shape       Window Center Clipping Shape

**Edit Sheet Number**

Add Prefix:

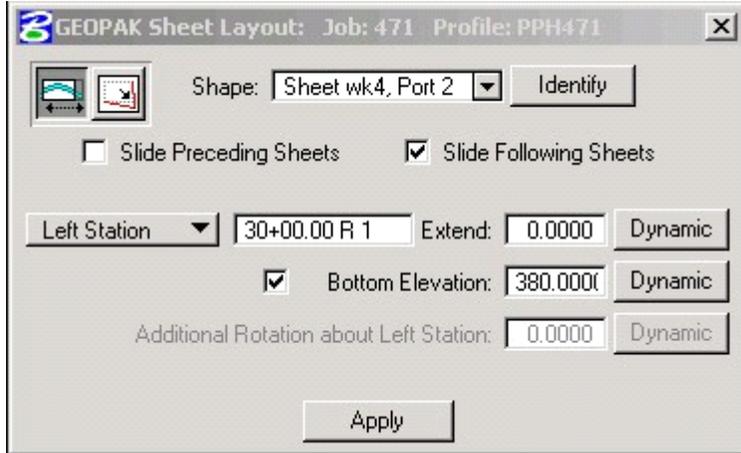
Compute Sheet Number By:

Append Alpha Suffix:

Beginning Letter(s):

## 6. Modifying Borders

Use the following dialog to move borders as needed. Tag IDENTIFY and then tag the border you need to move. Profile borders need to be moved in even 10' increments.



GEOPAK Sheet Layout: Job: 471 Profile: PPH471

Shape: Sheet wk4, Port 2 Identify

Slide Preceding Sheets  Slide Following Sheets

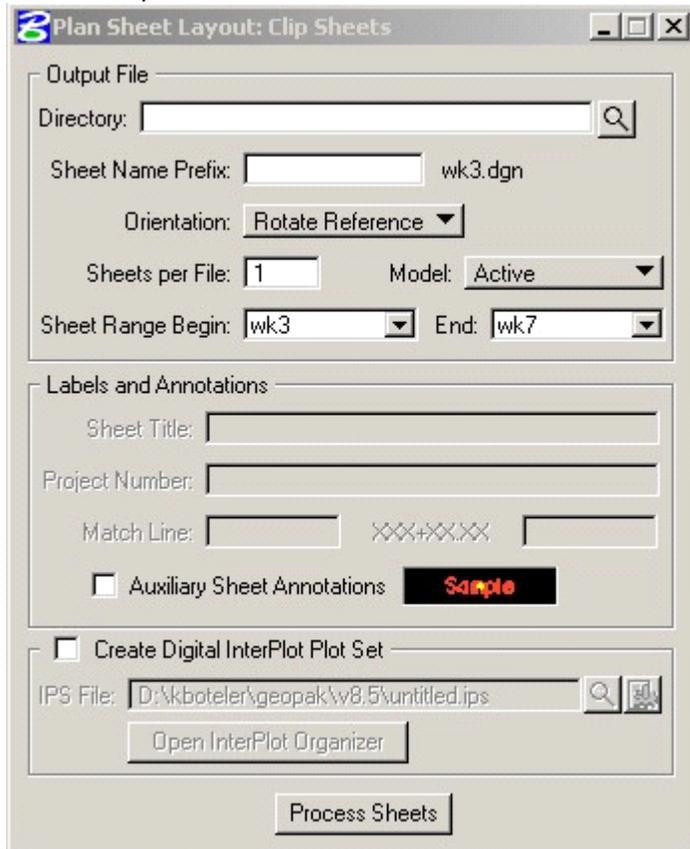
Left Station: 30+00.00 R 1 Extend: 0.0000 Dynamic

Bottom Elevation: 380.0000 Dynamic

Additional Rotation about Left Station: 0.0000 Dynamic

Apply

## 7. Sheet Clip



Plan Sheet Layout: Clip Sheets

Output File

Directory:  

Sheet Name Prefix:  wk3.dgn

Orientation: Rotate Reference

Sheets per File: 1 Model: Active

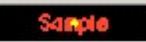
Sheet Range Begin: wk3 End: wk7

Labels and Annotations

Sheet Title:

Project Number:

Match Line:  XXX+XXX,XXX

Auxiliary Sheet Annotations 

Create Digital InterPlot Plot Set

IPS File: D:\kboteler\geopak\w8.5\untitled.ips  

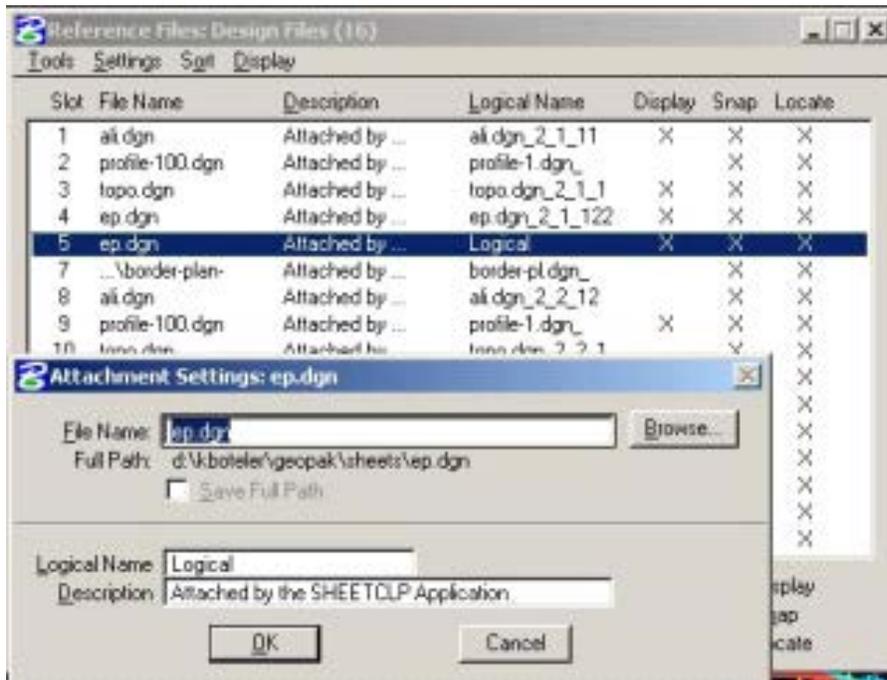
Open InterPlot Organizer

Process Sheets

## 8. Adding reference Files.

To add reference files to previously created Plan & Profile Sheets, follow the steps below.

- a. Invoke Microstation's Reference Dialog
- b. Copy one of the Plan view attachments (Tools -> Copy). You'll be prompted to DP the from and to location which should be the same point.
- c. Double Click the copy to invoke the Attachment Settings Dialog.



- d. Change the File Name or Browse to Select the DGN file you wish to attach. Also change the logical name and the Tag OK. Your new reference file should be attached.

