

GEOPAK Road for Bridge Exercise 18-1 Cross Section Sheets

Exercise 18-1

1. Open the MicroStation file **t:\br-proj\a_geopak\d2\j2p0300\data\xs_j2p0300.dgn**.

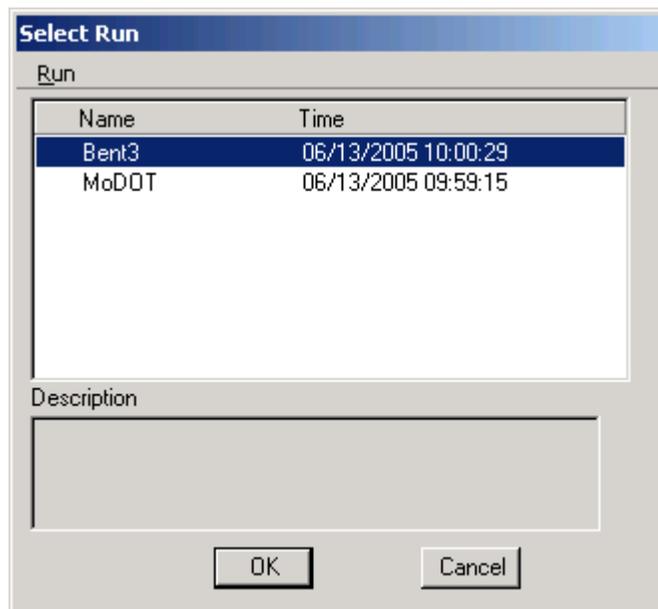
2. Open the project **t:\br-proj\a_geopak\d2\j2p0300\project\j2p0300.prj**.
Enter the project as user **userc** and go into **Road**.

3. Select the **Bents** working alignment.

4. Choose **Cross Section Sheets** from the **Project Manager** dialog.

Cross Section
Sheets

Copy the **MoDOT** run to **Bent3**.



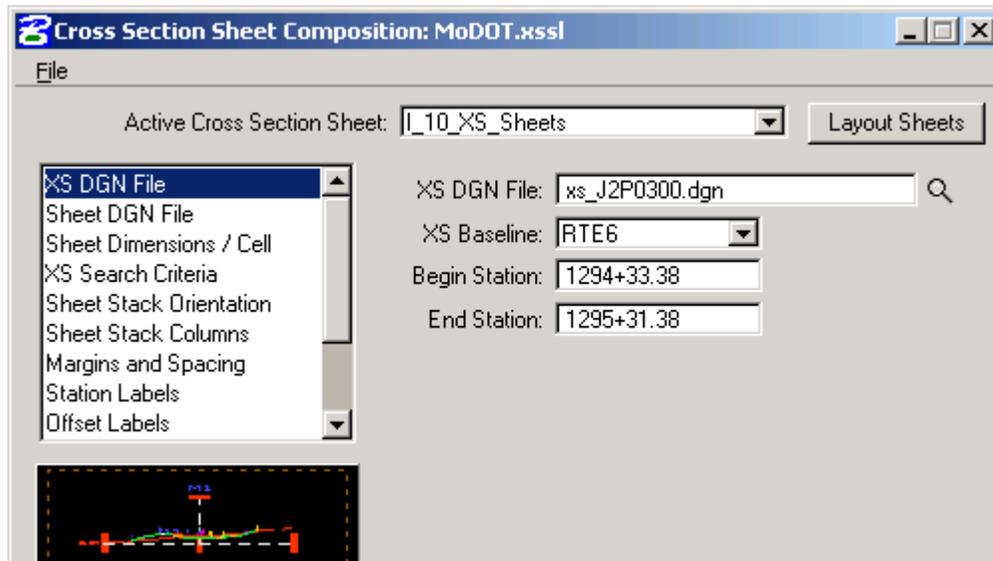
Open the **Bent3** run.

5. Create a new MicroStation file. Name the file **xs_bent3_sheets.dgn**, and put the file in the directory **t:\br-proj\a_geopak\d2\j2p0300\data **. Use the seed file **t:\standard\wsmo\design\seed-i\i_10_xs_100_sheets.dgn**.

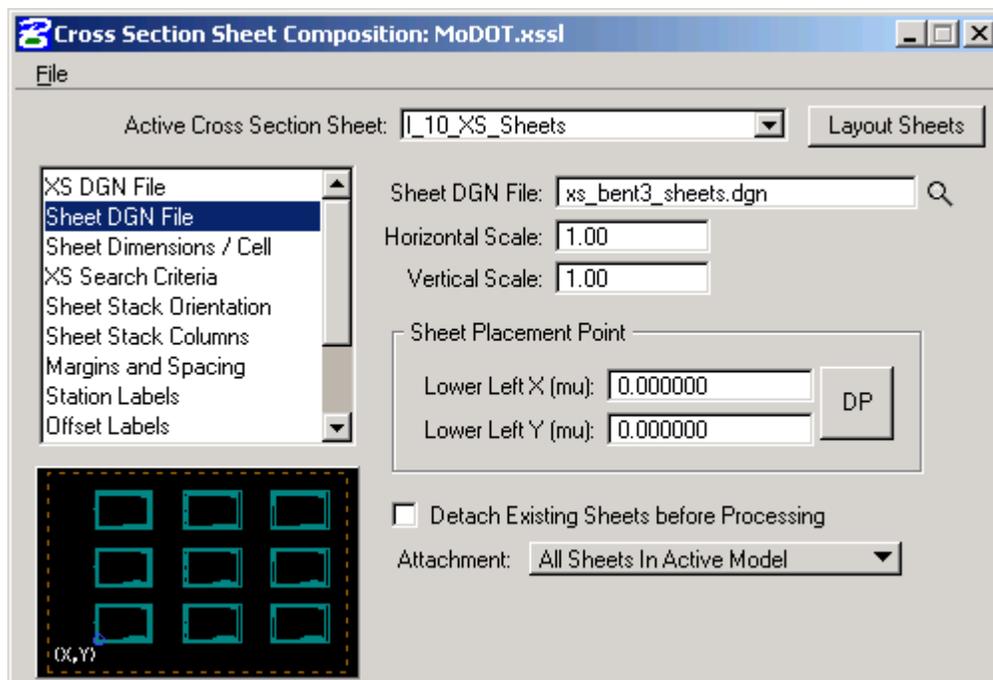
Exercise 18-1 Cross Section Sheets GEOPAK Road for Bridge

6. Be sure the following items are set in the **XS DGN File** section of the dialog:

Active Cross Section Sheet **I_10_XS_Sheets**
XS DGN File **xs_j2p0300.dgn**
Chain **RTE6**
Begin Station **First Cross Section Station**
End Station **1295+00 R 1**

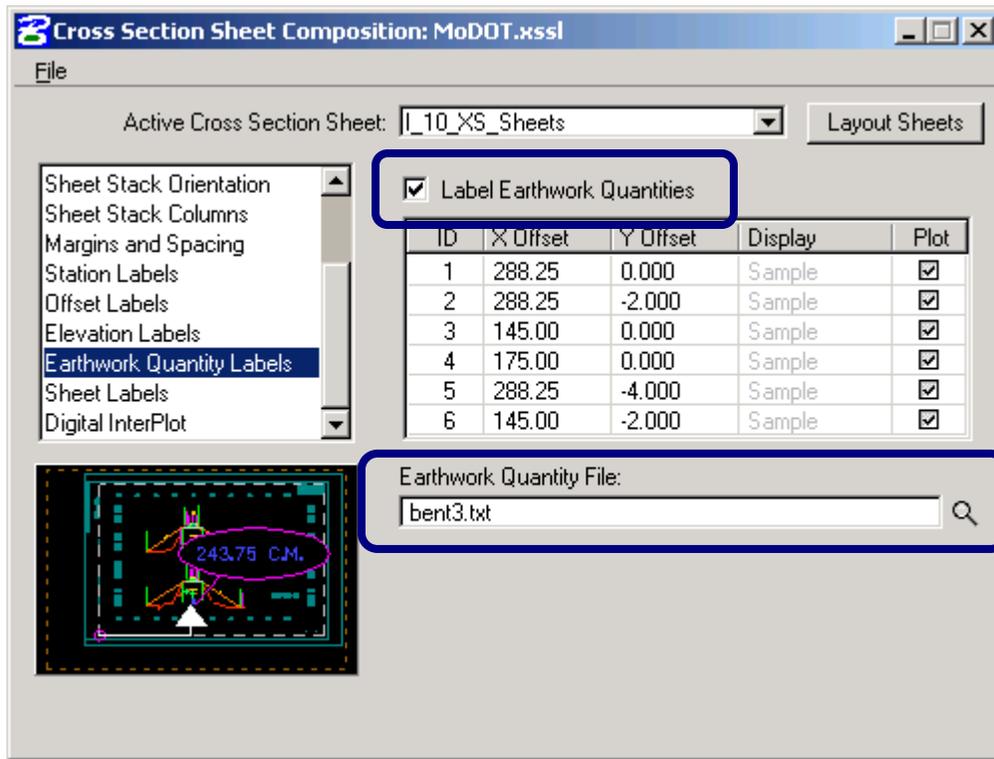


7. Select the **Sheet DGN File** to be the file **xs_bent3_sheets.dgn** created in step 5.



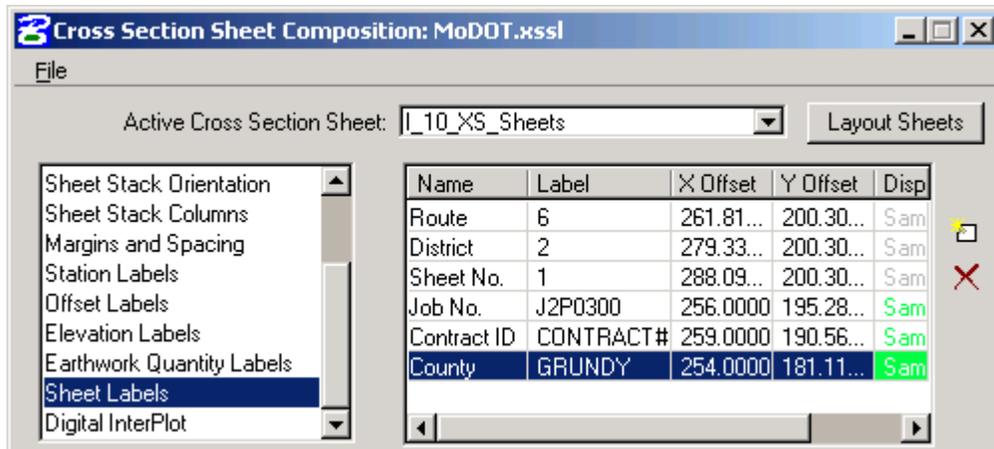
GEOPAK Road for Bridge Exercise 18-1 Cross Section Sheets

8. In the **Earthwork Quantity Labels** section, turn on the **Earthwork Quant. Define** option, and set the ASCII file to **bent3.txt**.



9. Select the **Sheet Labels** section of the dialog and change the Label column for the following lines (Do not change the values for Sheet No and Contract ID):

Route 6
District 2
Job No. J2P0300
County GRUNDY



Exercise 18-1 Cross Section Sheets GEOPAK Road for Bridge

10. Save the settings for the run (**File > Save Settings**).

11. Layout the sheets by either going to **File > Layout Sheets** or by clicking on the **Layout Sheets** button.

12. Repeat the process for Bent 4, by going back into Cross Section Sheets. This time however, copy the **Bent3** run and name it **Bent4**. Go into the new run. By copying the Bent3 run, everything is already set except for the station range and the name of the files. Use names relevant to Bent 4. The earthwork quantities file is **bent4.txt**, for instance.