

Importing InRoads Station Base Cross Sections into SurvCE

SurvCE 2.5

Overview

Bringing InRoads roadway surface information into the SurvCE data collector software for stakeout is relatively easy. Convert an InRoads station base report to a SurvCE Section file (*.SCT) and verify the data. The Section file is used in conjunction with a SurvCE horizontal and vertical alignment to Stake Road or Slope.

Workflow

Create the InRoads station base report file and copy it to a folder on the collector. Then, convert the station base report file to a **SCT** file and verify the converted section data.

Create InRoads Station Base report

Refer to the **Surface to SurvCE Custom Cross Section** Tech Note.

Copy SurvCE Custom Cross Section File to Collector

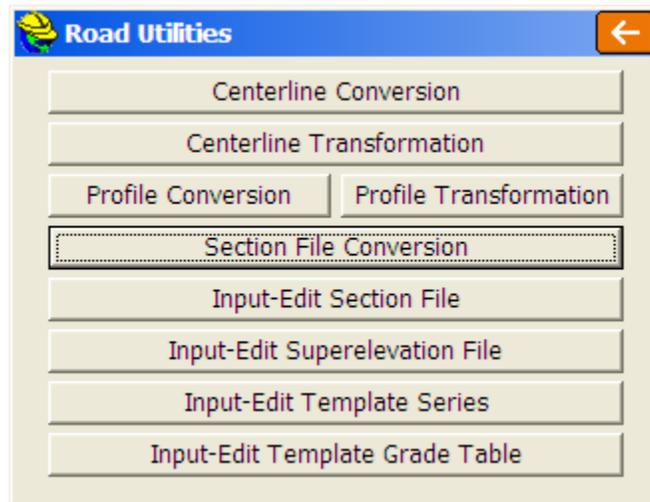
Use **Active Sync** to transfer the SurvCE Custom CrossSection file to a folder on the collector.

Convert SurvCE Custom Cross Section file to SCT file

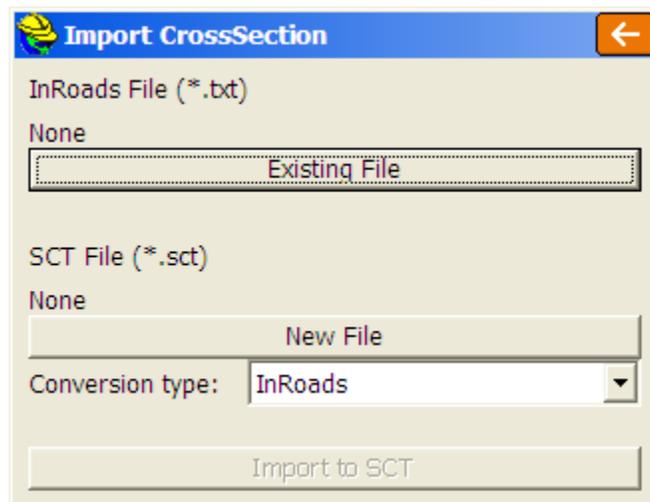
In SurvCE, select the **Road** tab.



Select the **Utilities** button. The Road Utilities screen appears.

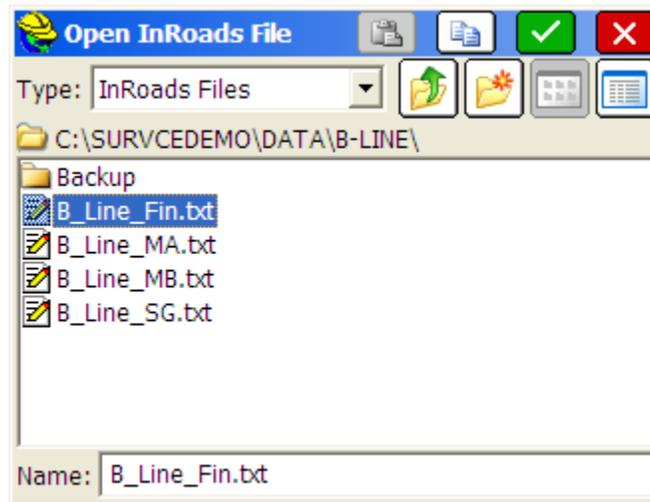


Select the **Section File Conversion** command. The Import CrossSection screen appears.



Set InRoads for the *Conversion type*:

Select the **Existing File** button. The Open InRoads File dialog opens.

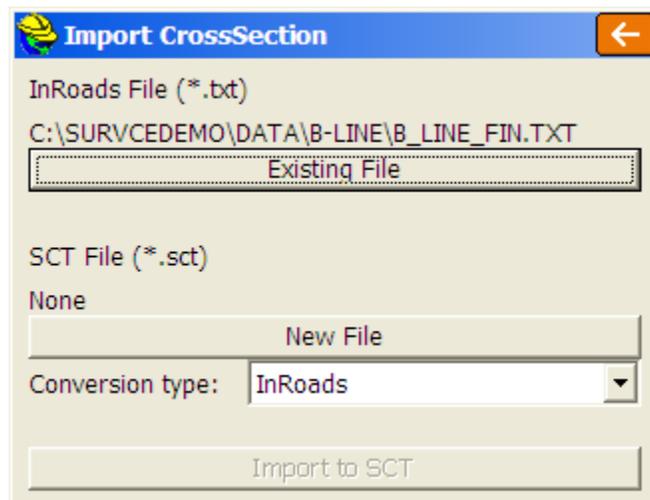


Navigate to the folder where the SurvCE custom cross section file is located.

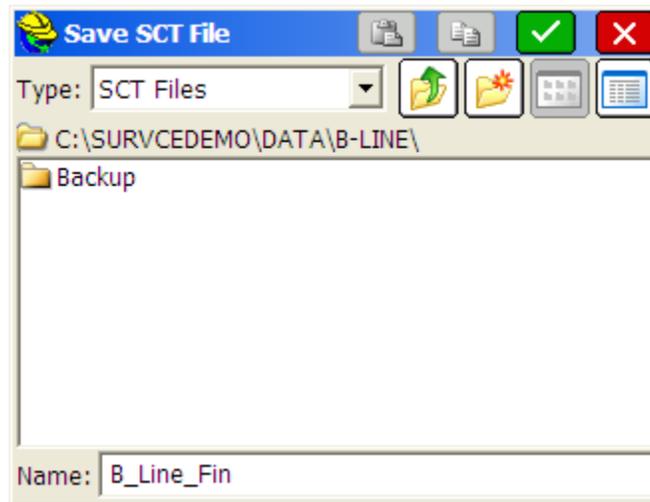
Select the file to be converted. The file will highlight when it's selected.

Click the **Green Check** button at the top of the screen.

The Import CrossSection screen appears, which displays the selected existing file.

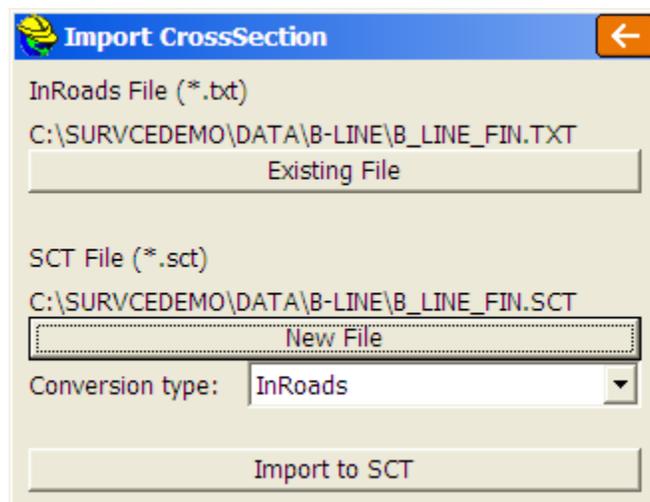


Click the **New File** button. The Save SCT File screen appears.

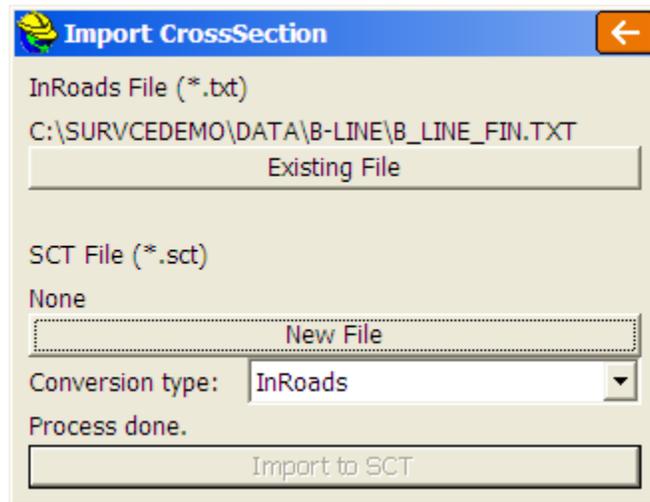


Enter the new file name – use the same name as the existing file.

Click the **Green Check** button at the top of the screen. The Import CrossSection screen appears, displaying the existing and new file.



Select the **Import to SCT** button. A “Processing Done” prompt will appear.

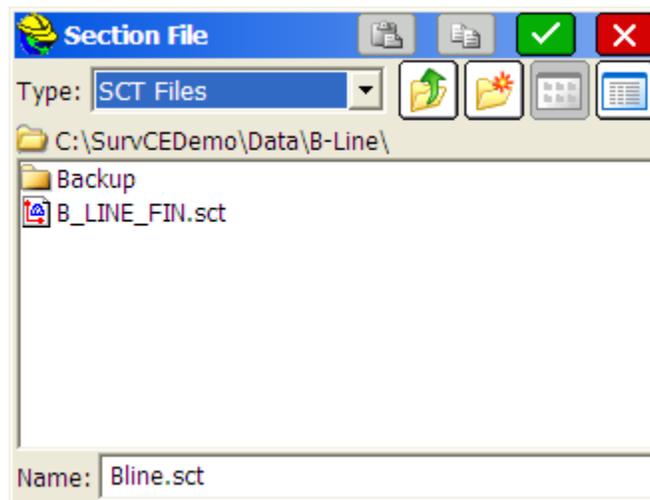


If more files are to be converted repeat the process.

Select the **Orange Back** button. The Road Utilities screen will appear.

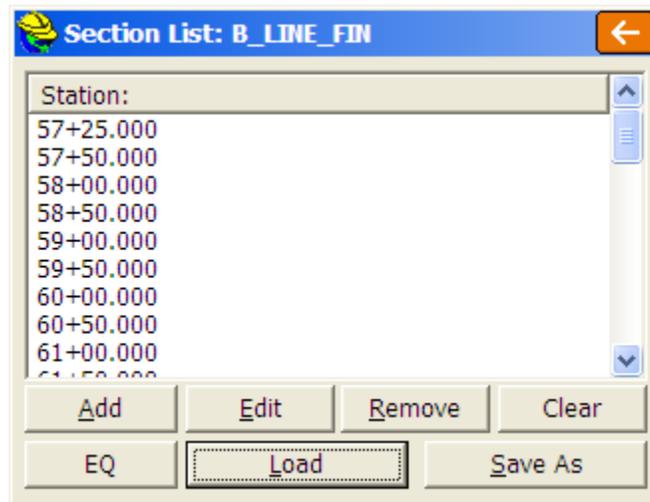
Verify the SCT File Data

Select the **Input-Edit Section File** from the Road Utilities screen. The Section File screen appears.

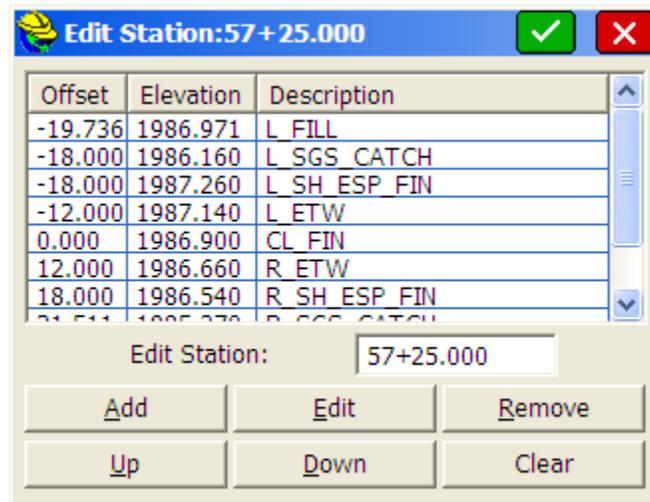


Select the SCT file with the data to be verified. The file will highlight when selected.

Click the **Green Check** button at the top of the screen. A Section List: Screen appears with a list of stations from the selected SCT file.



Double-click on a station to verify it. The Edit Station: screen appears with the selected station displayed.



Verify the values for the *Offset*, *Elevation* and *Description* for each entry in the section.

Click the **Green Check** button at the top of the dialog to return to the Section List: screen

A minimum of two stations should be verified as appropriate stations for the data set.

Repeat this process to verify another station values.

After the values have been verified, the **SCT** file is ready for use in the Road Stake or Slope Stake routines.

For questions or comments on this tech note, contact your regional CAE Support Coordinator or the WSDOT CAE Help Desk at (360) 709-**8013**.