

Survey – SurvCE Export to WSDOT ASCII Survey File

SurvCE, InRoads

Overview

The WSDOT ASCII survey format is intended to provide a common standard text format for survey import to WSDOT InRoads. As many data controllers can export this format, it provides an alternative to vendor proprietary formats that may or may not be compatible with WSDOT practices.

The data is formatted in a comma delimited ASCII text file with a txt or csv file suffix in the following order:

PointName,Northing,Easting,Elevation,Code,Note

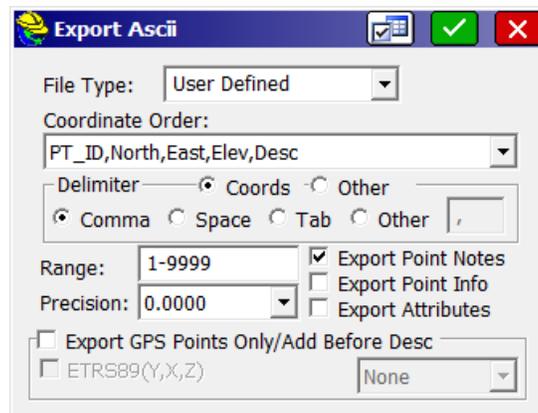
This process prepares the data for export from the data controller in the WSDOT ASCII survey format for use in InRoads.

Workflow

With an existing job on the data controller, export the data as a WSDOT ASCII Survey file format, copy from the data controller to the PC and then import into an InRoads fieldbook.

Export data as WSDOT ASCII Survey file

1. Verify that the correct SurvCE Job is selected.
2. In the SurvCE software, select the *Files > Import/Export* command.
3. Select the **Export Ascii File** button.
The Export Ascii dialog opens.
4. Set *File Type*: to **User Defined**.
5. Set *Coordinate Order*: to **PT_ID,North,East,Elev,Desc**.
6. Enable radio button for **Coords** and **Comma** in the *Delimiter* area.
7. Enable radio button for **Export Point Notes**.



8. Select the **Green Check** button.
The Ascii File to Write dialog opens.
9. Verify file name and path, the file to be created should be Job name with txt or csv file suffix.
10. Select the **Green Check** button.
The file is created in the defined path and name, a SurvCE dialog opens noting the process is finished.
11. Select **OK** button.
The ASCII file is now ready to be copied to the PC.

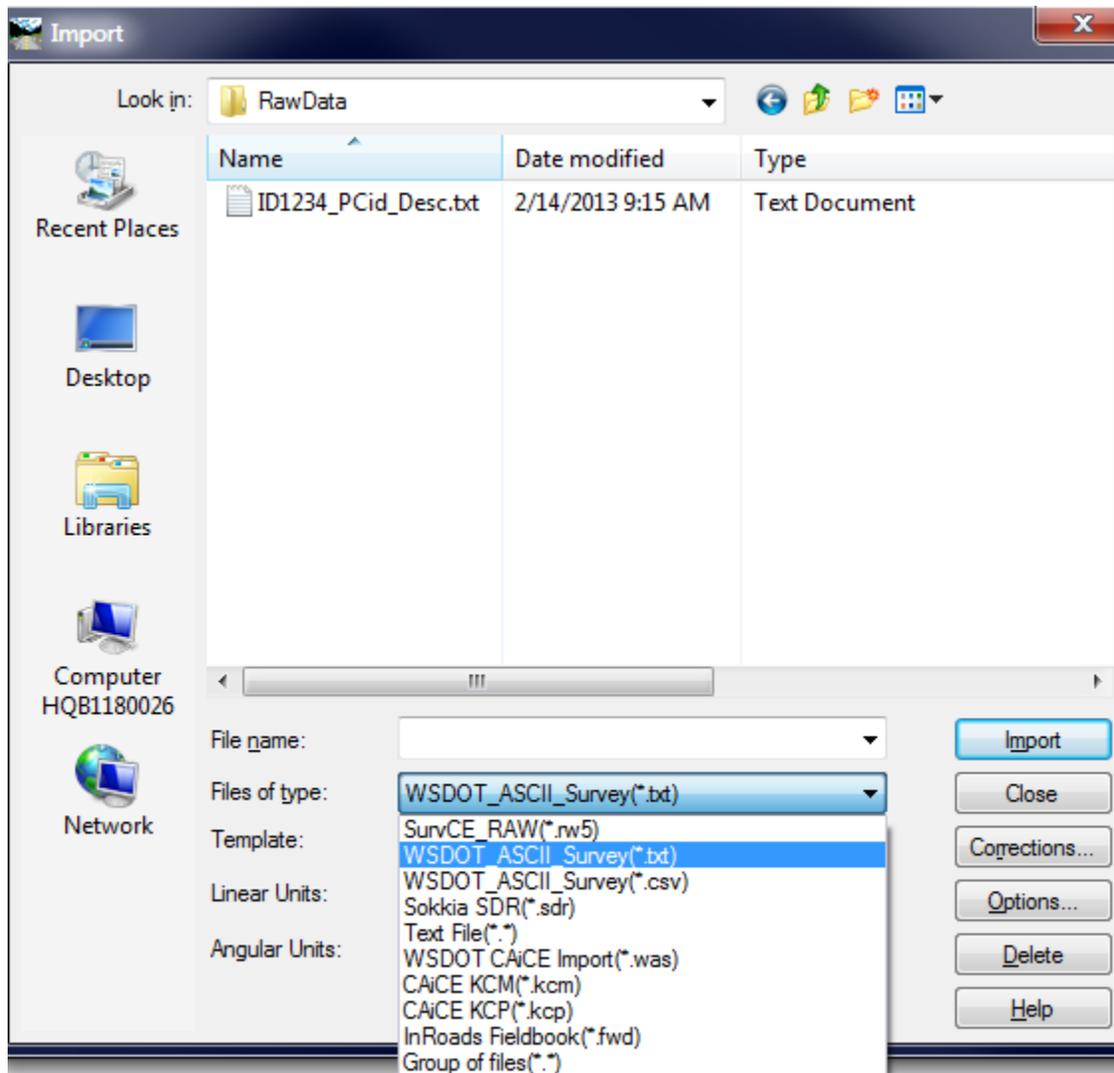
Copy file to PC

Copy all relative SurvCE job files to the CAE Project location. Each SurvCE job contains:

- .**CRD** – SurvCE coordinate file
- .**INF** - SurvCE information file
- .**RW5** – SurvCE raw measurement file
- .**NOT** – SurvCE note file, this file is only created if a note is added from the job point list
- .**TXT** or **.CSV** – ASCII export file, formatted in the WSDOT ASCII Survey format.

Import Fieldbook

1. Open InRoads.
2. Create or open an existing fieldbook.
3. Right-click on the fieldbook and select **Import**.
4. Navigate to the file location.
5. Set *File of type:* to **WSDOT ASCII Survey (*.txt)** or if file was named with a csv file suffix set *File of type:* to **WSDOT ASCII Survey (*.csv)**



6. Select the file to be imported in the fieldbook.
7. Select **Import** button.
The selected file is imported into the active InRoads fieldbook.
8. Close the Import dialog.
9. Verify data in the fieldbook.

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