InRoads – Surface to Trimble TIN Model

Overview

The process for exporting an InRoads surface (DTM) to a Trimble Triangulated Irregular Network (TIN) model file uses the **Upload Trimble** Application Add-in.

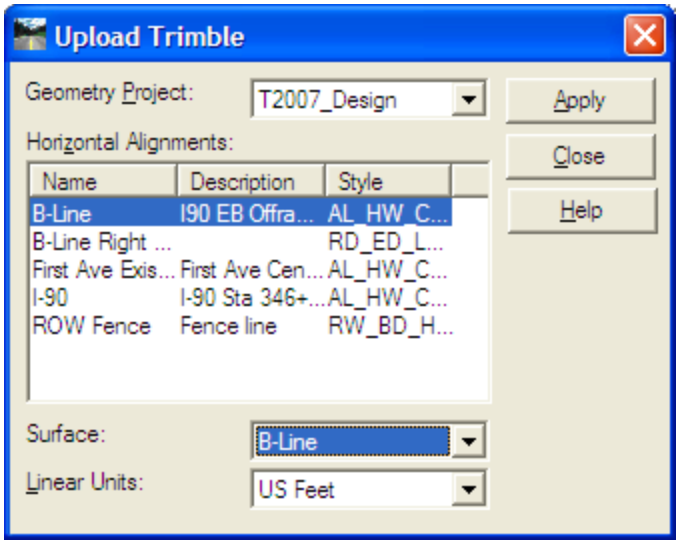
Workflow

Open an InRoads surface file. Use the **Upload Trimble** command to export surface to a Trimble Tin Model (*.TIN) file.

Load a Surface into InRoads

1. Select the *File* > *Open* command.
2. Set the *File Type* to **Surface (*.dtm)**.
3. Browse and select the file to be exported to a Trimble Tin Model file.

Create a Trimble Tin Model File



1. Select the *File* > *Translators* > *Upload Trimble* command.
2. Select a horizontal alignment.

   A horizontal alignment **must** be selected.
3. Select the surface to export.
4. Set the *Linear Units* to **US Feet**.
5. Click **Apply**.
6. The Save As dialog opens for the Trimble DC file.

   If no Save As dialog opens, verify that the **Trimble Link Engine** is installed on the PC.
7. Close the Save As dialog for the Trimble DC file.
8. Another Save As dialog opens to save the Trimble Tin Model.
9. Key in a file name.
10. Browse to the appropriate folder.
11. Click **Save**.

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