InRoads – Horizontal and Vertical Geometry to Trimble DC

Upload Trimble Application Add-In

Overview

The process for exporting InRoads horizontal and vertical alignments in a geometry file to the Trimble DC format uses the Upload Trimble Application Add-in.

NOTE: The **Trimble Link Engine** must be installed on the PC before creating the DC file. To check whether this application is installed, open the Windows Control Panel and select the **Add Remove Program** command. The **Trimble Link Engine** should be listed in the *Currently Installed* programs. If it is not listed, contact your local IT office and request a **Trimble Link Engine** installation.

Workflow

Load the **Upload Trimble** add-in. Open an InRoads geometry ALG file. Create a Trimble DC file containing horizontal and vertical alignments using the Upload Trimble dialog.

Load the Upload Trimble Add-in

1. Select the *Tools > Application Add-Ins* command.

2. Toggle on the **Upload Trimble** Add-In option.

3. Click **OK**.

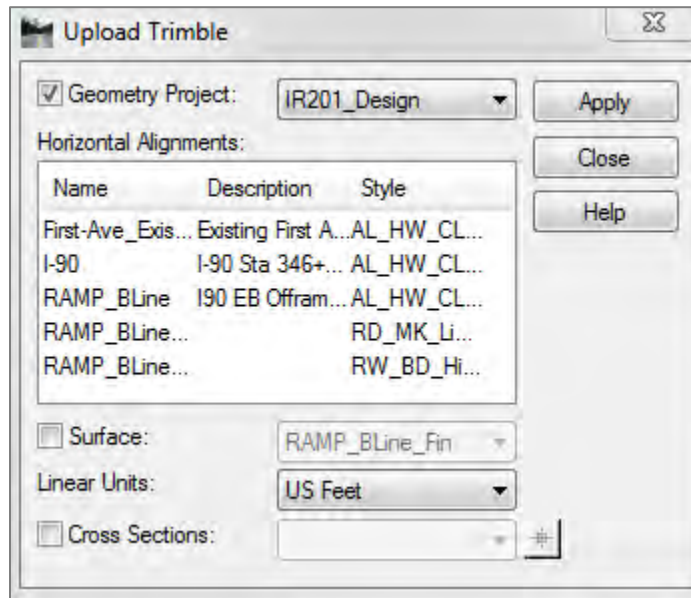### Load the Geometry Project into InRoads

1. Select the *File > Open* command.

2. Set the *File Type* to **Geometry Project (*.alg)** if it is not already set to all InRoads file types.

3. Browse and select the geometry project with the alignment to be exported.

4. Set the vertical alignment to **Active** for the alignment that you want to export.

5. Verify that the horizontal alignment name does not use special characters like **\ / : * ? " < > |**. If so, rename the alignment.

Create the Trimble DC File

1. Select the *File > Translators > Upload Trimble* command.

2. Select **Geometry Project**.

3. Select the horizontal alignment to be exported.

4. Set the *Linear Units* to **US Feet**.

5. Click **Apply**.

   The Save As dialog opens with the *Save as Type:* set to **Trimble DC file (*.dc)**.

   NOTE: If the Save As dialog does not appear, verify that the **Trimble Link Engine** is installed.

6. Key in a file name or accept the default name.

7. Browse to the appropriate folder.

8. Click **Save**.

    After the file is saved, another <u>Save As</u> dialog opens to save the **Trimble Tin Model (*.ttm)**.

9. Close the <u>Save As</u> dialog.

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