

InRoads – Exporting Geometry to LandXML

Cogo Points, Horizontal and Vertical Alignments

Overview

TECH NOTE

This process exports InRoads geometry data including COGO points, and both horizontal and vertical alignments, to a LandXML file. The LandXML file can be used to import the data into another application or to a survey data collector.

Workflow

Open an InRoads geometry (.alg) file. Use the **LandXML Translator** to select the Cogo points, and horizontal & vertical alignments to create the LandXML file.

Load Geometry Project (.alg) into InRoads

- 1. Select File > Open.
- 2. Set the *file type* to **Geometry Project (*.alg)**.
- 3. Browse and select the **Geometry Project** (*.alg) with the alignment to be exported to LandXML file.

Set Vertical Alignments Active

4. Set the vertical alignment as active for each alignment to be exported.

Create LandXML File

- 5. Select the File > Translators > LandXML Translator command.
- 6. Select the Export Alignment tab.
- 7. Select the appropriate geometry project.
- 8. Include the horizontal alignments to be exported.
- 9. If applicable, enable the Include Active Children Only option.
- 10. If applicable, enable Include All Cogo Points.
- 11. Set Linear Units to **US Feet**.
- 12. Click Save As.
- 13. The <u>Save As</u> dialog opens.
- 14. Key in a file name and browse to the appropriate folder.

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15. Click Save.

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