

General Geometry (7-01-2013)

Although other tools exist here, it'll be primarily used to transfer Alignments/Profiles to and from a GPK. Alignments are automatically persisted (written or exported) to a GPK when stored as complex. Profiles have to be exported to the GPK to be plotted as normal. Future versions of GeoPak will not require Import/Export but it's needed now for basically annotation.

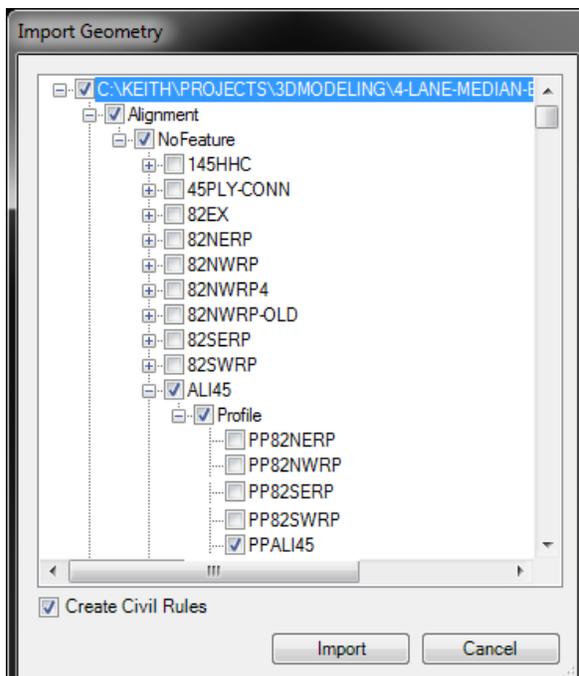


Importing Geometry (Alignment/Profile)

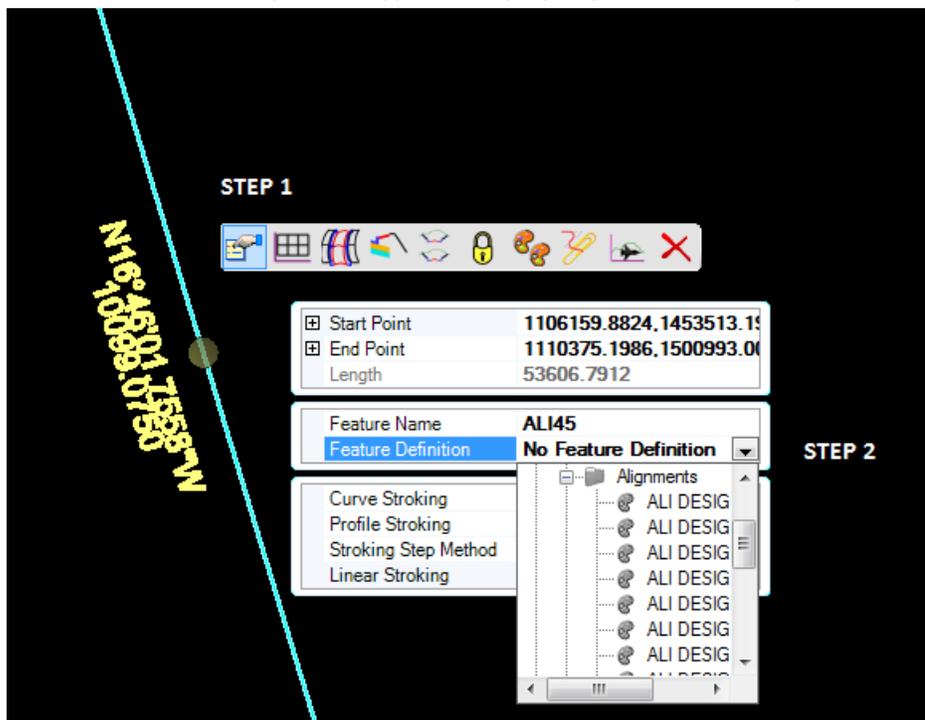
1. Choose the Import Geometry tool.
2. Choose the GPK to import.

Note: This may take a little processing time before the next dialog opens.

3. Navigate and find the alignment/profile you wish to Import.

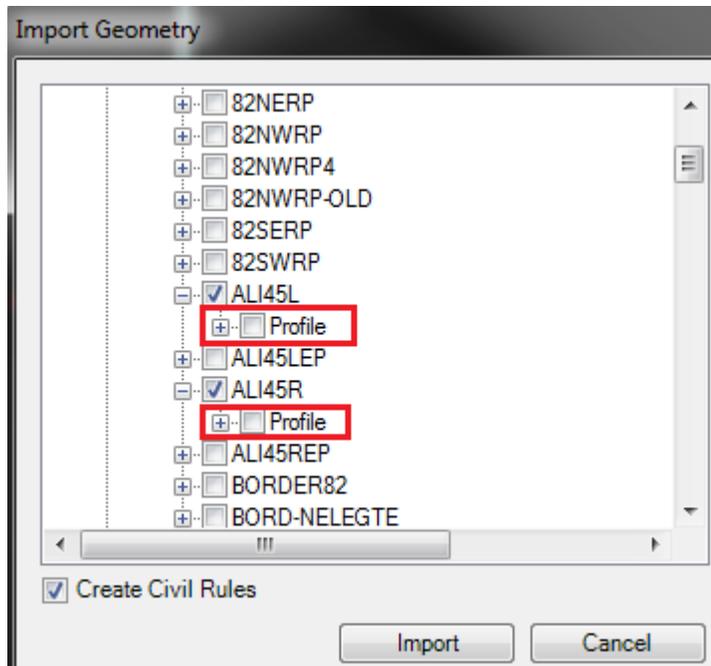


4. Tag Import.
5. Fit View, click the alignment, and choose Properties from the context menu. Then, choose the Feature Definition (Alignment Type) to display alignment stationing.



NOTES (CRITICAL):

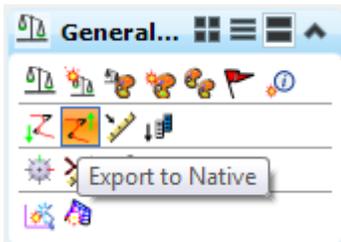
- 1) If you delete the alignment in the DGN, the Chain in the GPK will be deleted.
- 2) If you use Microstation's Undo after an import, the chain in the GPK is deleted.
- 3) If you change the Feature Type to something other than an alignment, the chain in the GPK is deleted.
- 4) If you just want to Import an alignment but not a profile, make sure you uncheck the Profile check box below the alignment or all profiles will be imported with that alignment.



Exporting Geometry (Profiles)

Alignments are automatically configured to be persisted (exported) to the GPK when stored. Profiles are not so if you create a profile with Civil Vertical tools or edit a profile that was previously imported, you'll need to Export the profile to plot/re-plot.

1. Tag the profile, choose properties, and make sure the profile has a name.
2. Choose Export to Native from the General Geometry toolbox.



3. Locate the profile to export.

View 2, Profile - ML

