

Export Corridor Features to LandXML Geometry

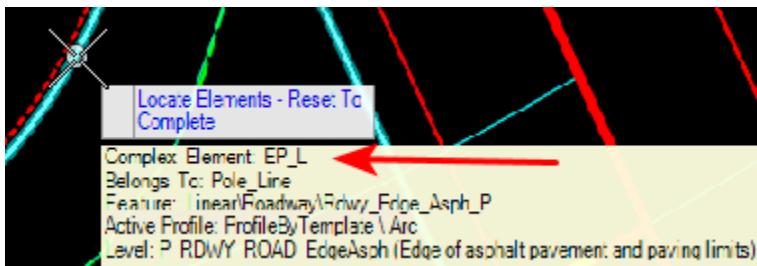
This document will show you the few quick steps to export corridor features (generated during corridor modeling from points on a template) to LandXML geometry. LandXML geometry of corridor features can be useful for construction activities.

The Export Geometry to LandXML command allows you to select which profiles (vertical alignments) to export. A Complex Element created by the modeler will have one Profile. Those two things combine to generate a 3D Linear Element.

For a successful export to LandXML geometry, ensure that you are selecting the Complex Element. It may be easier for you to toggle off the display of the Default-3D self-reference attachment so that you do not accidentally select the 3D Linear Element. Selecting a 3D Linear Element for export results in an empty output file.

Steps to Export Corridor Features to LandXML Geometry

1. Work in an active corridor file or with a referenced corridor file. Ensure that the active model is Default (2D) – typically View 1, Default is what you should see in the view window title bar.
2. Run the command **Home>Model Import/Export>Export Geometry**.
3. Accept the Export Type of LandXML.
4. When prompted to Locate Elements, hover over elements before clicking and verify that it is a Complex Element.



5. Left click to select each Complex Element, then right-click to finish.
6. Accept the version and profile settings, and the Export to LandXML dialog will open.
7. Name the XML file and select [Save].
8. Open the exported XML file using Notepad++ to view the data.

```
EP_L.xml
1  <?xml version="1.0" encoding="utf-8"?>
2  <LandXML xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.landxml.org/schema/landxml1-2.0/LandXML-2.0.xsd" version="2.0" date="2026-01-08" "http://www.landxml.org/schema/LandXML-2.0">
3  <Units>
6   <Application name="OpenRoads Designer" version="24.00.02.25" manufacturer="Bentley Systems" "http://www.bentley.com" />
7   <CgPoints />
8   <Alignments>
9     <Alignment name="EP_L" length="134.52668813325548" state="proposed" staStart="0">
10    <CoordGeom name="EP_L" state="proposed">
11      <Profile>
12        <ProfileAlign name="ProfileByTemplate">
13        </Profile>
14      </ProfileAlign>
15    </Profile>
16  </Alignment>
17 </Alignments>
18 </LandXML>
```