

## Autodesk® Civil 2010 Product Comparison Matrix

The following table provides a comparison of AutoCAD Civil 2010 and AutoCAD® Civil 3D® 2010 software.

	AutoCAD Civil 2010	AutoCAD Civil 3D 2010
<b>Target user and application</b>	Civil engineering technicians, drafters and surveyors for developing civil engineering	Same as AutoCAD Civil + Civil engineers and designers responsible for design, analysis and simulation
<b>Industries</b>	<ul style="list-style-type: none"> <li>• Land Development</li> <li>• Transportation</li> <li>• Environmental</li> </ul>	Same as AutoCAD Civil
<b>Drafting and Documentation</b>	<ul style="list-style-type: none"> <li>• Plan production and drafting</li> <li>• Drafting styles and standards</li> <li>• Reporting</li> </ul>	Same as AutoCAD Civil + Map Books
<b>Design</b>	<ul style="list-style-type: none"> <li>• Surface creation and design using grading and feature lines</li> <li>• Parcels</li> <li>• Corridor modeling and road design</li> <li>• Pipe Layout</li> </ul>	Same as AutoCAD Civil + Quantity takeoff functionality
<b>Surveying and Coordinate Systems</b>	<ul style="list-style-type: none"> <li>• Support of surveying workflow for civil engineering projects from field to finish</li> <li>• Import and process raw survey data from most data collector formats</li> <li>• Survey database</li> <li>• Traverse and least-squares adjustment</li> <li>• Automatic creation of survey figures</li> <li>• COGO</li> <li>• Coordinate system settings and transformations</li> <li>• Export for machine control</li> </ul>	Same as AutoCAD Civil + Drawing clean up tools
<b>Data Management and Team Coordination</b>	<ul style="list-style-type: none"> <li>• Xrefs (including annotation of civil model)</li> <li>• Data shortcuts</li> <li>• Advanced data management with Autodesk® Vault 2010 software (included)</li> </ul>	Same as AutoCAD Civil + Drawing query tools
<b>Data Exchange and Interoperability</b>	DGN, LandXML, Google Earth™, and SDM	Same as AutoCAD Civil + Image insertion and manipulation + geospatial data import and export
<b>Stormwater Design and Analysis</b>	No	Stormwater design and analysis with Hydraflow Storm Sewers Extension, Hydraflow Hydrographs Extension, and Hydraflow Express Extension for AutoCAD® Civil 3D®
<b>Geospatial Analysis and Mapping Tools for Civil Engineering</b>	No	Topology analysis tools including buffer, overlay and dissolve