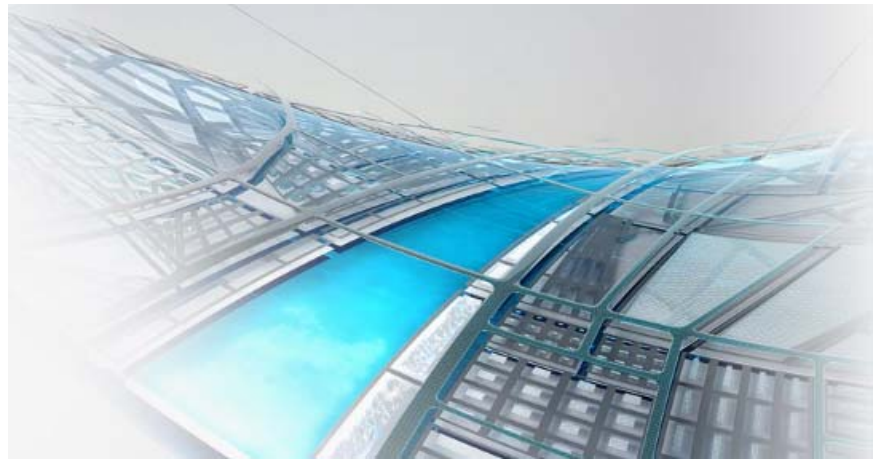




Civil Engineering Design and Construction
Documentation



Overview

Design better civil infrastructure with Civil 3D

Civil 3D® civil engineering design software supports BIM (Building Information Modeling) with integrated features to improve drafting, design, and construction documentation.

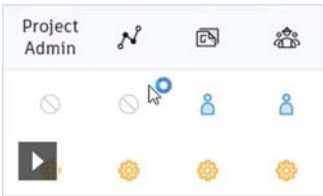
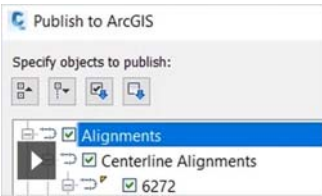
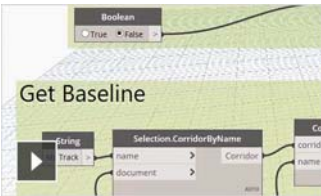
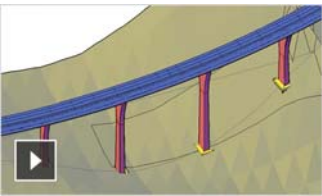
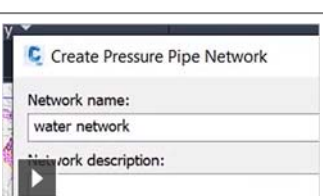
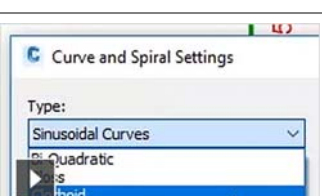
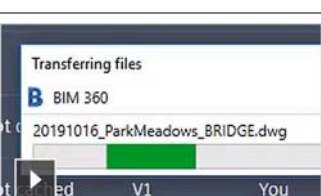
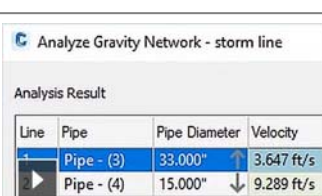
- Accelerate design, optimization, and documentation of road network and bridge projects. Work with an intelligent model-based approach for surface and corridor modeling, drainage layout, and plans production.
- Discover how the newest features in Civil 3D® can help improve your civil design workflows.



Features

Civil engineering design and documentation software

Experience more efficient workflows for surface modeling, corridor modeling, site design, storm and sanitary, and plan production and documentation.

 <p>Collaboration for Civil 3D Securely access Civil 3D files, data shortcuts, and xrefs from multiple locations and companies, all in a common data environment</p>	 <p>Connector for ArcGIS Streamline the flow of data between ArcGIS and Civil 3D. Access the latest data and keep features information up to date</p>	 <p>Dynamo for Civil 3D Use the Dynamo visual scripting environment to develop routines that automate repetitive design tasks and expedites workflows.</p>	 <p>Bridge Design Coordinate workflows more efficiently across the various disciplines working on complex bridge design projects.</p>																
 <p>Pressure Network Use enhanced tools for more efficient pressure pipe network layout and design</p>	 <p>New Transit and Rail Design Features Expanded toolkit for transit and rail design including spirals, dynamic alignments, profiles, and superelevation design</p>	 <p>Connect to BIM 360 Design Add a Civil 3D file to a BIM 360 project. Connect to BIM 360 through the Desktop Connector</p>	 <p>Gravity network analysis Use the updated Analyze Gravity Network dialog to analyze a pipe network and apply the results.</p> <table border="1" data-bbox="1203 1742 1506 1877"> <thead> <tr> <th>Line</th> <th>Pipe</th> <th>Pipe Diameter</th> <th>Velocity</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Pipe - (3)</td> <td>33.000"</td> <td>3.647 ft/s</td> </tr> <tr> <td></td> <td>Pipe - (4)</td> <td>15.000"</td> <td>9.289 ft/s</td> </tr> <tr> <td>3</td> <td>Pipe - (5)</td> <td>15.000"</td> <td>5.573 ft/s</td> </tr> </tbody> </table>	Line	Pipe	Pipe Diameter	Velocity	4	Pipe - (3)	33.000"	3.647 ft/s		Pipe - (4)	15.000"	9.289 ft/s	3	Pipe - (5)	15.000"	5.573 ft/s
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