

# Top Reasons to Buy Autodesk® Infrastructure Modeler 2013

## Explore tomorrow's infrastructure today.

Autodesk® Infrastructure Modeler software helps project engineers and planning and GIS professionals more easily create, evaluate, and communicate convincing infrastructure project proposals for faster stakeholder buy-in and more confident decision making for transportation, land, water or utility projects.

"With Autodesk Infrastructure Modeler, VTN Consulting was able to create a project proposal in only two hours. That same process would have taken two weeks or more using traditional practices."

—Keith Warren  
Virtual Design Technology Manager  
VTN Consulting

### 1 Create planning and design concepts within the context of the built and natural environment.

Whether you are planning a city block, an entire region, or a new long-distance transportation corridor, Autodesk Infrastructure Modeler can help you with the task. Inform planning and design teams by creating robust infrastructure models of existing infrastructure. With Autodesk Infrastructure Modeler you can streamline your design concept workflows by building 3D models of existing infrastructure from readily available GIS, Building Information Modeling (BIM), CAD, and raster data. Quickly transform 2D road centerlines, building footprints, or pipe centerlines into 3D models.

Enhance the accuracy of your infrastructure models by incorporating detailed designs of existing buildings and infrastructure from AutoCAD® Civil 3D® software, the Autodesk® Revit® family of products, and other modeling software. You can also stylize your infrastructure models to more realistically depict the local environment.

### 2 Comparing proposals is most effective when you can sketch and create alternatives quickly.

Rapidly layout, model, and visualize proposed roads and land and water features in the context of existing conditions. You can help inform design concept decisions by overlaying additional GIS data, such as property boundaries or protected forest lands.

With Autodesk Infrastructure Modeler, you can quickly create design concepts with easy-to-use tools. Create and review proposed transportation corridors with custom road and rail styles. Modify terrain to fit your project or reuse terrain from AutoCAD Civil 3D. Sketch roads, buildings, and land and water features for urban planning studies.

With Autodesk Infrastructure Modeler, you can evaluate multiple alternatives with robust proposal management tools that enable you to quickly switch between alternatives to see the impact on the surrounding environment.

Finally, you can import data from Autodesk Infrastructure Modeler into AutoCAD Map 3D, Civil 3D, and Autodesk Revit software via FBX to continue with detailed design. This integrated approach reduces the need for redundant and costly rework, saving you time and money.



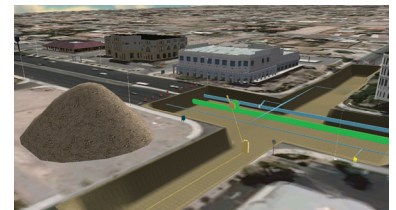
**Neighborhood Scale Development**—Queen Elizabeth Park View. Image courtesy of City of Vancouver, B.C.



**Urban Planning**—Study urban planning design concepts. Image courtesy of LeHavre, France.



**Roadway conceptual design**—Provide visually rich conceptual design options for improvements to the Arabian Gulf Street (the Coast Road). Image courtesy of Egis BCEOM International.



**Underground Utility Planning**—Transform 2D GIS utility data into 3D representations for studying system expansions and upgrades. Image courtesy VTN Consulting.

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"Autodesk Infrastructure Modeler is ideal for conceptualizing roadway designs from scratch. It is the quickest and easiest tool we have found for early design studies."

–Mark Kauffman  
Technical Lead  
**Parsons Brinckerhoff**

"Autodesk Infrastructure Modeler enhances SRK's ability to present ideas and concept quickly and efficiently. It allows us to integrate multiple design concepts and work streams into a single model, greatly enhancing our ability to communicate complex ideas in an easy to interpret visual format to both technical and non-technical stakeholders."

–Matt Dalton  
**SRK Consulting, UK**

Autodesk® Infrastructure Modeler 2013 software is included in the Autodesk® Infrastructure Design Suite, a comprehensive BIM for Infrastructure solution.

To learn more, visit  
[www.autodesk.com/infrastructuredesignsuite](http://www.autodesk.com/infrastructuredesignsuite)

For more information about Autodesk Infrastructure Modeler, go to  
[www.autodesk.com/autodesk-infrastructure-modeler](http://www.autodesk.com/autodesk-infrastructure-modeler)

To locate the reseller nearest you, visit  
[www.autodesk.com/reseller](http://www.autodesk.com/reseller)

## 3 Stakeholders want to see the project realized before they ever break ground.

Help improve stakeholder engagement and collaboration during planning and preliminary design. With Autodesk Infrastructure Modeler, you can put visually rich, easy-to-understand proposals into the hands of all your stakeholders, regardless of their technical expertise.

With intuitive navigation tools you can freely explore proposed infrastructure in the context of existing surroundings. Easily switch between design proposals and evaluate alternatives from any viewpoint to provide valuable visibility into design intent. Facilitate faster decision making by interactively editing designs to incorporate stakeholder feedback. Capture still images or videos for easy sharing of project proposals to provide even greater impact during presentations.

Whether you are trying to win more work or gain support for project funding, Autodesk Infrastructure Modeler can help you to more effectively communicate design intent to stakeholders for greater understanding of infrastructure proposals and faster decision making.



Design concept alternatives for bridge project. Image courtesy of Fribourg, Switzerland.



**Transportation Corridor Planning**—Sketch and study proposed road improvement options in the context of the existing environment. Image courtesy of Parsons Brinckerhoff.