

Autodesk Bridge Design for InfraWorks 360 Essentials: Autodesk Official Press

By Eric Chappell

Learn the fundamentals of the Bridge Design module for Autodesk InfraWorks 360

Autodesk Bridge Design for InfraWorks 360 Essentials is an accessible, unique learning resource that offers engineers and designers succinct explanations and hands-on exercises that provide the keys to the software's many features and functions. Get up to speed on bridge design with this Autodesk Official Press book, which is filled with illustrative screenshots and step-by-step instruction for effective bridge design. Once you learn how to navigate this powerful software, you can access the cross-platform model sharing and collaboration via the software's cloud capabilities, and you'll see how the model can be exported into Civil 3D for final design work and documentation.

This essential resource shows how to access the tools that drive stakeholder involvement with design-feed social collaboration, and offers information on how to connect your designs to real-world environments with live maps and geo-location tools.

- Unlock the power of InfraWorks' software for designing and collaboration during the bridge design process
- Learn to use the powerful module-specific tools and functions of the software, such as analyzing profiles and setting up scenarios for various materials
- Access the illustrative tutorial steps that put you on the fast track for implementing the software
- Discover how you can improve data consistency and evaluate more design options in less time

With *Autodesk Bridge Design for InfraWorks 360 Essentials* you'll learn how to access the power of the bridge design software that puts you ahead of the competition.

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From the Back Cover

Learn the Essentials of Autodesk Bridge Design for InfraWorks 360 Quickly and Easily

This Autodesk Official Press guide is the only book on the “Bridge” module for InfraWorks, giving you an accessible learning resource that offers succinct explanations and hands-on exercises that provide the keys to the software’s features and functions. You’ll find out how to navigate this powerful software, access cross-platform model sharing and collaboration via the software’s cloud capabilities, export the model into Civil 3D for final design work and documentation, and more. Whether you’re a civil engineering professional or student, this book gets new users up to speed quickly.

Learn these Autodesk Bridge Design for InfraWorks 360 essentials—and more:

- Engineering geometry, rules-based design, and bridge styles
- Understanding the capabilities of bridge design
- Utilizing the tools available through the user interface
- Editing bridges graphically
- Selecting bridges and bridge components
- Creating, modifying, and analyzing preliminary bridge designs
- Grasping the progression of a project
- Making and sharing bridge design models with others

This striking *Essentials* book features:

- Chapter-opening learning objectives
- Step-by-step tutorials
- Four-color screenshots and illustrations

- Downloadable exercise files

About the Author

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Eric Chappell has been working, teaching, writing, and consulting in the world of civil engineering software for more than 20 years, and he is a recognized expert in the world of Autodesk InfraWorks 360 software. He has written training materials and performed training for end users, trainers, and Autodesk employees around the globe, including at Autodesk University; and he has worked with Autodesk in authoring and developing their certification exams. Eric is currently a Premium Services Specialist at Autodesk but he previously served as design systems manager for Timmons Group, a civil engineering and surveying firm, where he managed software, standards, and training for more than 200 users.

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