

Autodesk Launches New BIM Specialist Certification Program

Available Now: Roads & Highways Workflows using Infrastructure Design Suite 2014



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Although BIM for Infrastructure is on the increase, for the most part the process by which infrastructure projects are designed and delivered hasn't changed in decades. While the case for transformation may be clear, obstacles remain. Chief among them is the gap in knowledge, and skill in applying the BIM process to achieve the promised benefits. With the launch of this unique BIM workflow training and certification program, Autodesk is furthering our commitment to creating a BIM-ready workforce. And, it's never been more important.

The infrastructure industry is at an inflection point. We face enormous challenges, like failing infrastructure and an urgent need for new systems to support a projected global population of 9 billion in just a few short decades. Meeting these challenges will require a new way of working. Fortunately, the accelerating use of BIM on infrastructure projects indicates that change is underway.

But even with a commitment to change, not having the right skills on the job at the right time can impact project cost, quality, and schedules, and impede the ability to meet demand. According to the [2012 Talent Shortage Survey](#), conducted by Manpower Group, civil engineers were among the second most identified category as in short supply. Also, cited as a roadblock to sourcing good candidates was the lack of professional-level industry specific qualifications or certifications. Employers surveyed are increasing investment in training in order to close specific skills gaps that are seen as an obstacle to growing their businesses.

Now, Autodesk is helping to meet that need with this unique BIM for Infrastructure workflow training and BIM Specialist certification that helps to build and demonstrate BIM understanding and skill beyond single product proficiency. A first-of-its-kind Autodesk Official Training Guide (AOTG) covering a comprehensive BIM workflow is now available from [Ascent Publishing](#). Titled *Autodesk Infrastructure Design Suite 2014: BIM Workflow for Roads and Highways*, the AOTG illustrates the value of the

Autodesk Infrastructure Design Suite 2014 Ultimate, featuring Autodesk® InfraWorks™ as part of a powerful BIM workflow for roadway design, and helps prepare for the certification exam.

This unique training goes beyond “picks and clicks” to illustrate how Autodesk BIM for Infrastructure workflows can help owners and service providers working on Roads and

Highways projects improve productivity, optimize designs, and accelerate project approvals. The courseware simulate a roadways project -- from planning and design through visual communication and construction documentation -- using an integrated BIM workflow with products available through the [Autodesk Infrastructure Design Suite 2014](#) Ultimate, including: AutoCAD® Civil 3D, Autodesk® InfraWorks™, Autodesk® InfraWorks™ 360, and Autodesk® Navisworks® Manage software.

Autodesk Certification is a must for engineering professionals and companies like PB; it sets a standard benchmark of knowledge we can rely upon when hiring or forming project teams. Rebecca Arsham, CADD Training Manager, Parsons Brinckerhoff



Unique BIM for Infrastructure workflow training and certification includes using Autodesk InfraWorks software to design, optimize, and communicate roadway designs

Civil engineers and designers can increase their professional value and advance their careers with a BIM credential from a leading provider of BIM solutions. The [2012 McGraw Hill BIM for Infrastructure Smart Market Report](#) confirms the importance firms place on BIM skills.

- 42% are investing in training in BIM in order to help market their firms and increase their return on their BIM investment
- About half believe that more available training will increase ROI as will having those BIM skills on staff.

In fact almost half of A/E firms and contractors ranked the ability to leverage BIM capabilities to win new work as a top benefit, along with offering new services and maintaining repeat business This competitive advantage aspect has scored consistently in previous BIM research conducted by McGraw-Hill Construction. **In an intensely competitive environment, where BIM deliverables are increasingly a requirement of the bid package, imagine being able to list the number of Certified BIM Specialists you have on your team!**

- To learn more about Autodesk Certified BIM Specialist: Roads & Highways, visit: www.autodesk.com/certification
- The *Autodesk Infrastructure Design Suite 2014: BIM Workflow for Roads and Highways* Training Guide is available in hard copy or eBook format for US\$65. Purchase online: www.ASCENTed.com. Watch this [webcast](#) (available on YouTube) to learn more.

Top Internal Business Benefits of Using BIM for Infrastructure Projects for A/E Firms and Contractors

Source: McGraw-Hill Construction, 2012

