



New Mexico Department of Transportation Selects Autodesk Software for Road and Highway Design Projects

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New Mexico Latest State DOT in U.S. to Transition to Autodesk BIM for Infrastructure Solutions

SAN FRANCISCO--(BUSINESS WIRE)--Dec. 17, 2012-- [Autodesk, Inc.](#) (NASDAQ: ADSK), the leader in cloud-based design and engineering software, announced that the [New Mexico Department of Transportation](#) (NMDOT) is the latest state DOT in the U.S. to expand their use of Autodesk software to include Autodesk [Building Information Modeling](#) (BIM) solutions for road and highway design projects statewide.

The New Mexico Department of Transportation used Autodesk Infrastructure Modeler software to generat ...

"We are looking forward to implementing the Autodesk solutions," said Alvin Dominguez, P.E., NMDOT Cabinet Secretary. "The New Mexico Department of Transportation expects to pay for the software within two years of full implementation through cost savings

The New Mexico Department of Transportation used Autodesk Infrastructure Modeler software to generate 3D visualizations for the I-10 roadway rehabilitation project. Image courtesy of the New Mexico Department of Transportation.

realized in the reduction of change orders. The use of 3D modeling capabilities will improve our public input on projects promoting positive customer relations and needed transparency throughout our project development process."

Autodesk BIM for infrastructure solutions now accessible to the DOT include [AutoCAD Civil 3D 2013 software](#), [Autodesk Infrastructure Modeler 2013 software](#), [Autodesk BIM 360](#) cloud services, [Autodesk Robot Structural Analysis Professional 2013 software](#), [AutoCAD Raster Design 2013 software](#), and [AutoCAD 2013 software](#). Many of these products are available as part of the [Autodesk Infrastructure Design Suite 2013](#).

The adoption of BIM processes is expected to yield a wide range of benefits for the NMDOT, including ease of doing "what if" analysis on every project regardless of size; ability to use intelligent 3D models and visualizations to help address environmental concerns and sensitivities; and the ability to tie materials quantities and cost estimates to design models, helping to automatically update reporting when model changes are made. Once fully deployed, the Autodesk BIM for infrastructure solutions will also aid in virtual construction, to allow for improved verification of construction methodologies; improved analysis; and simulations of construction sequencing to help manage existing traffic throughout the construction process. The NMDOT also expects to employ the Autodesk BIM solutions to support Automated Machine Guidance (AMG) site preparation to help accelerate overall construction by minimizing survey labor time and machine fuel consumption costs.

The NMDOT plans to start training on the Autodesk BIM software in early 2013, with application on projects expected to begin in mid-2013. Recently it used Autodesk Infrastructure Modeler, a solution that helps engineers and planning professionals create, evaluate, and communicate visually rich infrastructure proposals for more informed decision-making, to generate 3D visualizations for the [Cambrey Bridge replacement and I-10 roadway rehabilitation projects](#).

"New Mexico's decision to standardize on Autodesk solutions adds them to a growing list of major U.S. departments of transportation, such as Caltrans, that have made the move to Autodesk BIM for infrastructure solutions," said Lisa Campbell, Autodesk vice president of engineering and infrastructure. "We're seeing rapidly expanding interest within the transportation community for the Autodesk BIM for infrastructure solutions, which help designers and civil engineers in both consulting firms and government agencies plan, design, build and manage more sustainable infrastructure."

About the New Mexico Department of Transportation

The New Mexico Department of Transportation is comprised of the General Office in Santa Fe, three Regional Design Offices, and six district offices, which include 82 maintenance yards and more than 20 construction offices. Responsibilities include the planning, design, construction, maintenance and operation of more than 30,000 lane miles of highways and 3,500 bridges. In addition, the department is responsible for traffic safety programs and transit/rail operations that include the NM Railrunner Express (a 90-mile commuter rail system) and Park and Ride services for commuters.

About Autodesk

Autodesk, Inc., is a leader in [3D design](#), engineering and entertainment software. Customers across the manufacturing, architecture, building, construction, and media and entertainment industries -- including the last 17 Academy Award winners for Best Visual Effects -- use Autodesk software to design, visualize and simulate their ideas. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software for global markets. For additional information about Autodesk, visit [www.autodesk.com](#).

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