



AUTODESK® ARCHITECTURE,
ENGINEERING & CONSTRUCTION
COLLECTION

Connected workflows for road & highway projects with the AEC Collection

Benefits

Everything you need

Get access to BIM and CAD technologies that provide end-to-end capabilities for design, engineering, and construction.

Powerful BIM workflows

Use integrated workflows that allow you to work more efficiently, improve project team collaboration, and offer more value-added services to clients.

Prepare for the future

Stay competitive with the ability to customize your software according to current project needs, and adopt advanced design and construction technologies when you need them.

“The advantages of using Autodesk software go beyond just a common platform... **its model-based design approach speeds up everything** from the creation of alignments and surfaces to volume and earthwork calculations. And since the design model is dynamically linked to the quantities and documentation, **we save considerable time when making design changes.**”

-Jessica Hunter
Project Development Engineer
New Mexico Department of Transportation

Capabilities

Using a connected BIM workflow, road & highway designers and engineers can more seamlessly conceive, model, optimize, and coordinate their designs with AEC professionals across disciplines and throughout the lifecycle of a project.



Reality Capture



Computational and Generative Design



Conceptual Design



Virtual Reality



Visualization



Documentation



Detailed Design



Multidiscipline Coordination

What the tools in the AEC Collection can do for you



Survey



ReCap Pro

Design in-context with reality-capture and 3D scanning software and services.

Planning & Conceptual Design



3ds Max

3D modeling, animation and rendering software for design visualization and engaging virtual reality experiences.



AutoCAD

Speed documentation, share ideas, and explore 3D concepts.

Detailed Design



Revit

Intelligent model-based tool to plan, design, construct, and manage infrastructure with support for multidiscipline collaborative design processes.



AutoCAD

Speed documentation, share ideas, and explore 3D concepts.



Vehicle Tracking

Transportation analysis and design software built for vehicle swept path analysis.



Dynamo Studio

Automate tasks and workflows in a visual programming environment.

Documentation



ReCap Pro

Design in-context with reality capture and 3D scanning software and services.



Navisworks

Integrated data from multiple sources to facilitate whole project review, coordination, and quantification.



Learn about Autodesk solutions for roads & highways projects at autodesk.com/roads-highways

Subscription benefits



Stay competitive by getting broad access to our latest innovations, along with the previous versions you need



Manage users, costs, and products in a way that makes sense for your business



Optimize your investment with valuable insights