

Image courtesy of Creighton Manning Engineering

3D Modeling / OpenRoads DOT Executive Workshop



Bentley, your Agency's Design Software Technology Provider is Offering Free On-Site Executive Workshops on "How to move to 3D"

Bentley's 3D Modeling & OpenRoads Workshop

The barriers to working in 3D have been eliminated!

Bentley's industry leading GEOPAK and InRoads Computer Aided Design and Drafting are 3D ready today and our new OpenRoads technology makes working in 3D easier than ever.

Attend this free workshop, designed to empower transportation management professionals with a fundamental understanding of what your organization can achieve with your Bentley design software and how to empower your staff to realize the productivity and quality benefits it offers.

Join our industry experts and discover how our latest **OpenRoads technology** can help your staff create innovative designs faster and smarter than ever before. Learn from industry professional as they focus on the challenges that matter most to you!

What you will learn:

Attend the workshop for information on successful real-world projects, the impact of 3D modeling technology, and accelerating your production deliverables.

- Achieving success in virtual design and construction
- Combining geospatial and civil engineering functionality
- Incorporating 3D modeling throughout the entire workflow

Who should attend?

Transportation professionals, civil engineers, highway designers, CAD managers, surveyors, etc.

Questions?

If you have any questions about this workshop, please contact your Bentley Account Manager.

For more information about Bentley and our OpenRoads 3D Modeling technology please visit

www.bentley.com/OpenRoads.

Convenient, complimentary, and developed with the work you do in mind!

Executive 3D Design Workshop Agenda

(example, can be tailored to any unique requirements)

Duration: 3 Hours, performed on-site

Recommended Attendees: Managers, Project Engineers, Executive Sponsors

Topics Covered in the Workshop

What is 3D; How To Leverage in Civil Workflows

- Visualization; Conceptual And Final Designs
- Quality Control; Project Acceleration
- Construction Automation & Cost Reduction
 - Machine Control
 - 4D (Schedule Simulation)
 - Field Inspection and Automatic As-builts

How Bentley makes working in 3D easier for

- Improved Public Communication
- Accurate Quantities
- Clash Detection during Design
- Electronic Design Review
- Civil Information Modeling
- Avoid Costly Design Changes in the Field

What tools are needed to move to 3D

- What your DOT currently uses
- What functionality that is not being used
 - Collaboration Technology Top Ten Benefits (including consultant management)
- New Tools & Procedures
 - What is needed to do 3D design
 - How to leverage LIDAR

Benefits of 3D design and How to Get Going

- Recommendations for How to Proceed within your agency