



Bentley Civil Community Program: Sustaining Transportation Infrastructure Featuring Power InRoads

Wednesday, September 21, 2011 | Hilton Garden Toronto/Vaughan | 3201 Highway 7 | Vaughan, Ontario

7:30 – 8:15	Registration
8:15 – 8:30	Opening Remarks and Welcome
8:30 – 9:00	<p>The Power Within Power InRoads and Roundabout Design <i>Presented by Hanna Hanna, Ministry of Transportation, Ontario</i> Power InRoads is comprised of a full spectrum of civil functionality, including RealDWG support libraries that guarantee full fidelity with DWG files and tools for parametric-driven roundabouts. This presentation provides an overview of the CAD capabilities integral to Power InRoads, as well as the robust tools for creating and modeling roundabouts.</p>
9:15 – 9:45	<p>Using Power InRoads Your Way <i>Presented by Bentley</i> Learn to train Power InRoads to work the way you want using your standards or those set by the MTO. Topics for this presentation include using task-based menus, customizing the interface, setting standards, and working with the MTO design library.</p>
9:45 – 10:00	Break
10:00 – 10:45	<p>Civil Information Modeling <i>Presented by Bentley</i> Civil engineering is evolving. No longer are 3D models enough. Engineers must create intelligent, long-lasting modeling that serves the lifetime of the designed asset. This presentation highlights the evolution from models to information modeling for civil/transportation engineers using Bentley civil products.</p>
10:45 – 11:30	<p>Bentley's Roadway Designer – Simplified <i>Presented by Bentley</i> Power InRoads includes Bentley's powerful Roadway Designer for all your interactive, parametric corridor design needs. This presentation focuses on ease of use and highlights cutting-edge 3D modeling capabilities.</p>
11:30 – 12:30	Lunch (Box Lunch Provided)
12:30 – 1:00	<p>Using Point Cloud Data <i>Presented by Bentley</i> Are you using Point Clouds to augment your studies and designs? This presentation demonstrates how Power InRoads can import, view, and analyze Point Cloud data, as well as convert it for efficient use on civil engineering projects.</p>
1:00 – 1:30	<p>Dynamic Modeling With Power InRoads <i>Presented by Bentley</i> Experience the latest dynamic, model-based design tools delivered in Power InRoads. No longer just a snapshot in time, model-based design has evolved into an interactive process that lets you see changes live as they are made.</p>
1:30 – 2:15	<p>Roadway Designer Overlay and Rehabilitation <i>Presented by Bentley</i> Optimize your available resources, better sustain your existing assets, and reap the maximal benefit from budget dollars and project funding with Bentley's Roadway Designer tools for resurfacing, restoration, and rehabilitation.</p>
2:15 – 2:45	<p>Civil Visualization <i>Presented by Bentley</i> Now that Roadway Designer produces 3D models, how about visualization? This presentation focuses on some simple, straightforward workflows that allow virtually anyone to visualize and render 3D models. Assigning materials and placing pavement marking and trees — tasks that used to be difficult are now literally so easy even a caveman could do them!</p>
2:45 – 3:00	Break



3:00 – 3:30

Clash Detection and Design Review

Presented by Bentley

Eliminating a single interference before it gets to the field saves time and money. What if you could review your entire design and remove all the interferences? What if there was a more effective way to review your colleagues' work? See it done automatically and interactively with Bentley civil software.

3:30 – 4:15

ProjectWise and Dynamic Plot Solution

Presented by Bentley

ProjectWise is an engineering project team collaboration system that is used to help teams improve quality, reduce rework, and meet project deadlines. ProjectWise is optimized for real-time collaboration across distributed teams and can be deployed on-site at your office or online as a hosted managed solution. Also experience the power of ProjectWise Dynamic Plot V8i, Bentley's new application that moves paper into the digital age. In this interactive overview, you'll discover how ProjectWise Dynamic Plot V8i creates an intelligent link between paper plots and digital models, shrinking the time required to sync written comments and as-builts to digital data.

4:15 – 4:45

Bentley LEARN and Closing Remarks

Presented by Bentley

Hear how a Bentley LEARN training subscription can eliminate training-related travel time and cost, reduce scheduling headaches, and create a culture of continuous learning for your organization with unlimited access to LIVE training and OnDemand eLearning for a single annual fee.

4:45

Adjourn