Tuesday Morning Sessions, November 1, 2005

Time	Track I
9:15 - 10:00	**Registration & Breakfast**
10:00 – 10:15	**Welcome** *Stefan Sigvardsson, Industry Sales Director Civil, Bentley Sweden*
10:15 – 10:45	**Civil Keynote** *Gabriel Norona, Senior Vice President of Bentley Civil, USA* A state of the union for Bentley Civil.
10:45 – 11:30	**InRoads – Moving On Up!** *Mike Wilson & Richard Bradshaw, Bentley Civil, USA* Join Mike and Richard for an overview of the enhancements found in InRoads 8.7. This overview will lay the foundation for the remainder of the conference.
11:30 - 11:45	**Morning Break**
11:45 - 12:45	**InRoads – Moving On Up!** (Continued) *Mike Wilson & Richard Bradshaw, Bentley Civil, USA* Continuation of the previous session.
12:45 - 13:45	**Lunch Break**

Tuesday Afternoon Sessions, November 1, 2005

Time	Track I	Track II
13:45 - 14:30	**Introducing InRoads 8.7:** **"Roadway Designer"** *Denis Schaffer, Bentley Civil, USA* This session discusses the new Roadway Designer, which allows interactive design and review in a synchronized viewing environment. This session is an overview of topics described in more detail during the following "Advance Roadway Designer" sessions.	
14:30 - 15:30	**Migration 8.5 – 8.7** *Mike Wilson & Thomas Taylor, Bentley Civil, USA* This session will outline how InRoads 8.7 has changed and what you mist consider prior to migrating to the new version of software.	**The use of 3D models in PDF** **User Presentation** *Matthias Skoog, SWECO, Sweden* ?????
15:30 - 15:45	**Afternoon Break**	
15:45 - 16:45	**Working with Laser Scanning Survey Data** *Chris Angus, Bentley UK* General Overview of Scanning technology and how several clients have been utilizing this technology using case studies from existing Scanning Companies based in the UK and some International clients. Open discussion and presentations on how we can integrate the Bentley applications like MicroStation, Cloudworx and Civil applications like InRoads and InRail to enhance the results obtained from a point cloud.	**Extracting Project Quantities with InRoads** **User Presentation** *Michael Jepsen Carl Bro Group, Denmark* See how to use Quantity Manager to extracting Project Quantities for your InRoads/InRail projects. Tools like Pay Items Manager, Quantity Formula Manager and Compute Quantities will be shown in this combined Bentley and user presentation, with the use of a typical road project.
16:45 - 17:30	**Advance Roadway Designer Session 1 – Template Creation** *Denis Schaffer, Bentley Civil, USA* This session will cover basic template creation including how to properly use and test constraints. As time permits, we will also introduce you to end conditions, template display rules and other advanced topics.	**Haestad Methods Solution – Water Management** **User Presentation** *Jukka Kivila, Bentley, Nordic and Anders Olofsson, PAO konsult, Sweden* ?????
17:30 - 18:00	**How does the Danish TMC User Community work** **User Presentation** *Michael Jepsen, Chairman of the Danish Civil SIG, Carl Bro Group, Denmark and Stefan Sigvardsson, Bentley Nordic* Hear about how the Danish Bentley User Group Community and SIG are organised, works and how we can work more together across the borders to make the Nordic voice stronger.	
18:00 - 19:30	**Drinks Reception in the Absolut Ice Bar**	
19:30 - 23:00	**Gala Dinner**	

Wednesday Morning Sessions, November 2, 2005

Time	Track I	Track II
7:45 - 8:30	**Breakfast**	
8:30 - 9:15	**Norra länken, Stockholm** **3D design and visualisation in a large infrastructure project** **Keynote User Presentation** *Tobias Tyberg & Patrik Rosén, Ramböll, Sweden* A user presentation of a main project from Sweden	
9:15 - 10:15	**Advanced Roadway Designer Session 2 – Roadway Designer** *Denis Schaffer, Bentley Civil, USA* This session will show what all those buttons along the top of the Roadway Design dialog are for. We will cover: Point Controls, End Condition Exceptions, Display References, Secondary Alignments, Template Transitions, Key Stations, and Surface Creation.	**Benefits of ProjectWise in a Civil Environment** **User Presentation** *Jens Gustavsson, Banverket, Sweden and Bo Karlsson, Bentley Nordic* ???????
10:15 - 10:30	**Morning Break**	
10:30 - 11:15	**Rail Design from Geometry to Modeling** *Richard Bradshaw, Bentley Civil, USA* See the latest and greatest enhancements to the InRail Suite software.	
11:15 - 12:00	**Cross Sections and Volumes** *Thomas Taylor, Bentley Civil, USA* This presentation provides an overview of the enhancements for creating cross sections in Version 8.7. It also covers end area volumes using design surfaces with components, unsuitable materials and multiple sub-strata computations.	**Construction of the M3 Highway in Denmark** **User Presentation** *Sven Ladefoged, COWI, Denmark* M3 Copenhagen - One of the biggest and most complicated infrastructure projects in Denmark ever. The presentation will highlight the challenges and the methods/tools used to create the documentation forming the basis for the design- and construction phases.
12:00 - 12:45	**Bentley Rail Solutions Showcase** *Chris Angus, Bentley UK* With a dedicated International rail team Bentley now lead the supply of solutions to a significant proportion of the world's rail industry and provide commercial advantage to rail owners, operators and consultants. This short showcase includes examples of how Bentley and their industry partners bring together expertise in IT and rail to deliver greater efficiency in all areas of the rail data life cycle including; survey, track and signal design, power supply, cabling, data sharing and collaboration, possession planning, telecoms, route learning and driver training simulators, phased project management, construction, operation and asset management	**InRoads, MicroStation and Ecxel** **User Presentation** *Helle L. Nielsen, Carl Bro Group, Denmark* This session shows how to exchange and use data between the InRoads, MicroStation and Excel. Get data from InRoads to Excel (and the other way around), use data listed in Excel to create drawings in MicroStation and other tips & Tricks
12:45 - 13:45	**Lunch Break**	

Wednesday Afternoon Sessions, November 2, 2005

Time	Track I	Track II
13:45 - 14:30	**Advanced Roadway Designer Session 3 - Superelevation** *Denis Schaffer, Bentley Civil, USA* Everything you ever wanted to know about how superelevation is applied in the new Roadway Designer. We will cover creation and modification of superelevation control lines with and without wizards and how those control lines are applied to the design.	**Visualization** **User Presentation** *Ole M. Riberholt, COWI, Denmark* Visualization is an integrated part of the design process, and has been used at several locations to illustrate the proposed solutions on the M3. Visualization and dynamic models from similar infrastructure projects, such as the proposed light rail in CPH, will be presented as well.
14:30 - 15:30	**Overlay Design with InRoads** *Thomas Taylor, Bentley Civil, USA* This session demonstrates the capabilities and workflow used in designing an overlay with widening project with Version 8.7. It covers the steps involved providing truing and leveling as well as superelevation correction for a 2-lane to 4-lane project.	**Bentley Rail project in Dalarna, Sweden** **User Presentation** *Presenter to be confirmed, Banverket, Sweden* *?????*
15:30 - 15:45	**Afternoon Break**	
15:45 - 17:30	**MicroStation XM and InRoads XM Preview including Junction / Roundabout design & Quantities Manager** *Mike Wilson, Richard Bradshaw, Thomas Taylor, Jonathan Smidt / Steve Cockerell, Bentley Civil, USA & UK* A preview into the next generation of MicroStation and InRoads software. Don't miss this opportunity to see what is coming just around the corner.	
17:30 PM - 17:45	**Conference end** *Stefan Sigvardsson, Industry Sales Director Civil, Bentley Sweden*	