



Summer Conference
August 15-16, 2007
Overland Park, Kansas

It's time for learning.

Advanced Methods for Modeling Intersections and Overpasses
using InRoads 8.9

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Agenda:

- PowerPoint Outline
- Live Demo
- Questions and Answers?

What's the Goal:

- Develop an automated method to create a single model for all corridors that include intersections

Types of intersections:

- **At grade:**

T- Type, Skewed, On Curve

- **Flyover:**

Mainline Over, Mainline Under

What's the problem?

- How to develop a single Model while maintaining the integrity of all features and Components within the limits of the intersections so that earthwork is reasonably accurate

How have we modeled in the past

- Develop single model for each roadway
- Copy all features to Single surface
- Edit Features
- Create new features for Intersections
- Do it all **again** for subgrade surface!

How do we Model this now?

- Create a corridor for each roadway
- Develop Geometry for Returns
- Determine Critical sections
- Set the point controls
- Use clipping options
- Develop one surface for all Corridors

Tools we will use:

- Multicenter Curves
- Roadway Designer
- Point Controls
- Superelevation
- Target Alias
- Clipping Options

Time for the Demo

- Let us get started.....

Thanks!



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