

## InRoads Update Training Class

< **TOPICS COVERED** >

<p><b>1. Starting Up</b></p> <ul style="list-style-type: none"> <li>Selecting a CAD Platform</li> <li>Starting InRoads</li> <li>The InRoads Interface</li> <li>The Menu Bar</li> <li>The Workspace Bar</li> <li>The Feedback Pane</li> <li>Project Defaults</li> </ul> <p><b>2. Settings, Styles and Symbology</b></p> <ul style="list-style-type: none"> <li>Managers Overview</li> <li>Using the Symbology Mangr.</li> <li>Intro to Intelligent DTMs</li> <li>Style Manager DTM Features</li> <li>Style Manager Geometry</li> <li>Assigning Symbology</li> <li>Assigning New Symbology</li> <li>Defining the Settings</li> <li>Geometry Styles Assigning</li> <li>Preference Manager</li> </ul> <p><b>3. Surface Essentials</b></p> <ul style="list-style-type: none"> <li>Getting Started with Surfaces</li> <li>DTM Basics</li> <li>Surface New</li> <li>Surface Properties</li> <li>The Existing Surface</li> <li>Feature Properties</li> <li>The InRoads Locks</li> <li>Surface Viewing</li> <li>Text Import -ASCII DTM Data</li> <li>Triangulation</li> </ul>	<p><b>4. Horizontal Geometry</b></p> <ul style="list-style-type: none"> <li>Project Scope Orientation</li> <li>The Geometry Project File</li> <li>View Horizontal Alignment</li> <li>Point Symbology</li> <li>Review Horizontal Alignment</li> <li>View Stationing</li> <li>Review Geometry Points</li> <li>Horiz Annotation Points</li> <li>Horizontal Layout</li> <li>Final Road Layout</li> </ul> <p><b>5. Profiling</b></p> <ul style="list-style-type: none"> <li>Creating Profiles</li> <li>Profile Update Overview</li> <li>Updating the Profile</li> </ul> <p><b>6. Vertical Geometry</b></p> <ul style="list-style-type: none"> <li>Vertical Layout Discussion</li> <li>View and Review</li> </ul> <p><b>7. Typical Sections</b></p> <ul style="list-style-type: none"> <li>Creating a Template Library</li> <li>Opening a Template Library</li> <li>Reviewing a Template Library</li> <li>Viewing Templates</li> <li>Styles and Intelligent DTM</li> <li>Components</li> <li>Components Expanded</li> <li>Template Review</li> <li>Component Constraints</li> <li>Additional Template Topics</li> </ul>	<p><b>8. Corridor Modeling</b></p> <ul style="list-style-type: none"> <li>Opening Earlier Data</li> <li>New Roadway Design File</li> <li>Saving the Roadway File</li> <li>The Project File</li> <li>Modeling Basics</li> <li>The Roadway Designer</li> <li>Project Scope</li> <li>Adding Template Drops</li> <li>End Condition Exceptions</li> <li>Saving the Roadway File</li> <li>Corridor Review</li> <li>Pre-Processing the Corridor</li> <li>Create Surface</li> <li>Creating the Design Surface</li> <li>Surface Properties</li> <li>Saving the Design Surface</li> <li>Viewing Roadway Features</li> <li>Updating the Project File</li> </ul> <p><b>9. Cross Sections</b></p> <ul style="list-style-type: none"> <li>Creating Cross Sections</li> <li>Cross Section Viewer</li> <li>Adding New Features</li> <li>Displaying New Features</li> <li>Updating the X-Sections</li> </ul>
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**About the Instructor:**

*Dan Calistrat is a licensed professional engineer in 6 states and has been actively practicing for the past 18 years. After engineering for the land development community, Dan joined GEOPAK where he was instrumental in the development, certification, and training of Bentley civil products. After nearly a decade at GEOPAK, Dan left to implement Bentley software on some of the largest construction projects in the United States.*

*Dan founded DTM Solutions where he consults with all size firms to make their transition and integration to civil engineering software as seamless as possible. His vision for the firm is based on providing billable solutions to clients in need of civil engineering software training.*

*Dan holds a B.S. degree in Civil Engineering from Texas A&M University and is an active member of the American Society of Civil Engineers.*