

## OpenRoads Training Class

### TOPICS COVERED

<p><b>1. Project Setup</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Main Project Commands</li> <li><input type="checkbox"/> Civil Workspace</li> <li><input type="checkbox"/> Project Preferences</li> <li><input type="checkbox"/> Project Controls</li> <li><input type="checkbox"/> Project Explorer</li> <li><input type="checkbox"/> File Setup</li> <li><input type="checkbox"/> Report Browser</li> <li><input type="checkbox"/> Converting from GEOPAK</li> <li><input type="checkbox"/> Best Practices</li> <li><input type="checkbox"/> Error Messages</li> <li><input type="checkbox"/> Troubleshooting</li> <li><input type="checkbox"/> Help</li> </ul> <p><b>2. Terrain Models</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Creating Terrains</li> <li><input type="checkbox"/> Modifying Terrains</li> <li><input type="checkbox"/> Displaying Terrains</li> <li><input type="checkbox"/> Analyzing Terrains</li> <li><input type="checkbox"/> Reporting on Terrains</li> <li><input type="checkbox"/> Import Export Terrains</li> </ul> <p><b>3. General Geometry</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Geometry Toggles</li> <li><input type="checkbox"/> Geometry Import Export</li> <li><input type="checkbox"/> Civil Toggles</li> <li><input type="checkbox"/> Design Elements</li> <li><input type="checkbox"/> Civil Rules</li> </ul> <p><b>4. Horizontal Geometry</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> General Geometry</li> <li><input type="checkbox"/> Simple Geometry</li> <li><input type="checkbox"/> Complex Geometry</li> <li><input type="checkbox"/> Accudraw</li> <li><input type="checkbox"/> Modifying Geometry</li> <li><input type="checkbox"/> Geometry Import Export</li> <li><input type="checkbox"/> Geometry Reporting</li> </ul>	<p><b>5. Vertical Geometry</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Creating Profile Views</li> <li><input type="checkbox"/> Creating Existing Profiles</li> <li><input type="checkbox"/> Creating Proposed Profiles</li> <li><input type="checkbox"/> Modifying Profiles</li> <li><input type="checkbox"/> Import Export Profiles</li> <li><input type="checkbox"/> Profile Reports</li> <li><input type="checkbox"/> Profile Annotation</li> </ul> <p><b>6. Corridor Models</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Creating Corridors</li> <li><input type="checkbox"/> Creating Templates</li> <li><input type="checkbox"/> Applying Templates</li> <li><input type="checkbox"/> Displaying Templates</li> <li><input type="checkbox"/> Template Transitions</li> <li><input type="checkbox"/> Template Components</li> <li><input type="checkbox"/> Template Constraints</li> <li><input type="checkbox"/> Editing Transitions</li> <li><input type="checkbox"/> Point Controls</li> <li><input type="checkbox"/> Key Stations</li> <li><input type="checkbox"/> Parametric Constraints</li> <li><input type="checkbox"/> Curve Widening</li> <li><input type="checkbox"/> End Condition Exceptions</li> <li><input type="checkbox"/> Corridor Objects</li> <li><input type="checkbox"/> Processing Corridors</li> <li><input type="checkbox"/> Creating Superelevation</li> <li><input type="checkbox"/> Applying Superelevation</li> <li><input type="checkbox"/> Reporting Superelevation</li> <li><input type="checkbox"/> Target Aliasing</li> <li><input type="checkbox"/> Synchronizing Templates</li> <li><input type="checkbox"/> Corridor References</li> <li><input type="checkbox"/> Importing IRD files</li> <li><input type="checkbox"/> Component Quantities</li> <li><input type="checkbox"/> Corridor Reports</li> <li><input type="checkbox"/> Creating 3D Models</li> </ul> <p><b>7. Model Interoperability</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Create ICM</li> <li><input type="checkbox"/> Read ICM</li> <li><input type="checkbox"/> Update ICM</li> </ul>	<p><b>8. Civil Cells</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Creating Civil Cells</li> <li><input type="checkbox"/> Place Civil Cells</li> <li><input type="checkbox"/> Process Civil Cells</li> <li><input type="checkbox"/> Drop Civil Cells</li> </ul> <p><b>9. 3D Tools</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Adding 3D elements</li> <li><input type="checkbox"/> Linear Templates</li> <li><input type="checkbox"/> Surface Templates</li> <li><input type="checkbox"/> Miscellaneous 3D</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 23 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.*