

## GEOPAK Site Training Class

### TOPICS COVERED

<p><b>1. Project Setup</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Project commands</li> <li><input type="checkbox"/> Setting project preferences</li> <li><input type="checkbox"/> Using project wizard</li> <li><input type="checkbox"/> Import &amp; export data</li> <li><input type="checkbox"/> Import &amp; export graphics</li> <li><input type="checkbox"/> A full list of every file type</li> </ul> <p><b>2. Models</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Creating new models</li> <li><input type="checkbox"/> Editing models FIFO</li> <li><input type="checkbox"/> Visualizing model displays</li> <li><input type="checkbox"/> Deleting models</li> </ul> <p><b>3. Objects</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Creating new objects</li> <li><input type="checkbox"/> Editing object properties</li> <li><input type="checkbox"/> Viewing objects' elements</li> <li><input type="checkbox"/> Modifying object slopes</li> <li><input type="checkbox"/> Visualizing object displays</li> <li><input type="checkbox"/> Copying objects</li> <li><input type="checkbox"/> Moving objects</li> <li><input type="checkbox"/> Vertical object revisions</li> <li><input type="checkbox"/> Deleting objects</li> <li><input type="checkbox"/> Renaming objects</li> </ul> <p><b>4. Elements</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Setting elevations</li> <li><input type="checkbox"/> Setting points</li> <li><input type="checkbox"/> Applying sections</li> <li><input type="checkbox"/> Element displays</li> <li><input type="checkbox"/> Element Side Slopes</li> <li><input type="checkbox"/> Change Feature</li> <li><input type="checkbox"/> Change Association</li> <li><input type="checkbox"/> Change Stroking</li> <li><input type="checkbox"/> Raise/Lower elements</li> <li><input type="checkbox"/> Copy Parallel</li> <li><input type="checkbox"/> Modify &amp; delete elements</li> <li><input type="checkbox"/> 3D Elements</li> <li><input type="checkbox"/> Edit Profile</li> <li><input type="checkbox"/> Information</li> </ul>	<p><b>5. Design Tools</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Pad design tools</li> <li><input type="checkbox"/> Pond design tools</li> <li><input type="checkbox"/> Channel design tools</li> </ul> <p><b>6. Roadway Tools</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Roadway tool preferences</li> <li><input type="checkbox"/> Roadway network tool</li> <li><input type="checkbox"/> Create/Edit roadways</li> <li><input type="checkbox"/> Composite sections</li> <li><input type="checkbox"/> Designing curb returns</li> <li><input type="checkbox"/> Designing cul-de-sacs</li> </ul> <p><b>7. Analysis Tools</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Height tool</li> <li><input type="checkbox"/> Drawing profiles</li> <li><input type="checkbox"/> Computing volumes</li> <li><input type="checkbox"/> Elevation differences</li> <li><input type="checkbox"/> Slope area tool</li> <li><input type="checkbox"/> Trace slope path</li> <li><input type="checkbox"/> Themes tools</li> <li><input type="checkbox"/> Drainage tools</li> <li><input type="checkbox"/> Visibility tool</li> <li><input type="checkbox"/> Load DTM features</li> <li><input type="checkbox"/> 3D view active Z</li> <li><input type="checkbox"/> Trench volumes</li> <li><input type="checkbox"/> 3D visualization</li> </ul> <p><b>8. Miscellaneous Tools</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Active chain control</li> <li><input type="checkbox"/> Annotate w/ D&amp;C Manager</li> <li><input type="checkbox"/> Cross section navigator</li> <li><input type="checkbox"/> Exporting data</li> <li><input type="checkbox"/> Exporting graphics</li> <li><input type="checkbox"/> Labeling the plan view</li> <li><input type="checkbox"/> Labeling the profile view</li> <li><input type="checkbox"/> Labeling the X-section view</li> <li><input type="checkbox"/> Computing quantities</li> <li><input type="checkbox"/> Vertical alignments</li> <li><input type="checkbox"/> Increasing productivity tips</li> </ul>	<p><b>9. Revisions</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Revising elements</li> <li><input type="checkbox"/> Revising objects</li> <li><input type="checkbox"/> Revising models</li> <li><input type="checkbox"/> Revising chains</li> <li><input type="checkbox"/> Revising profiles</li> </ul> <p><b>10. Databases</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> The element database</li> <li><input type="checkbox"/> The object database</li> <li><input type="checkbox"/> The model database</li> <li><input type="checkbox"/> The Microstation database</li> <li><input type="checkbox"/> Model FIFO Interaction</li> </ul> <p><b>11. Appendix</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Error message resolution</li> <li><input type="checkbox"/> A full file extension list</li> <li><input type="checkbox"/> Troubleshooting</li> <li><input type="checkbox"/> Tips &amp; tricks</li> <li><input type="checkbox"/> Video tutorials</li> <li><input type="checkbox"/> VBA customization</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.*