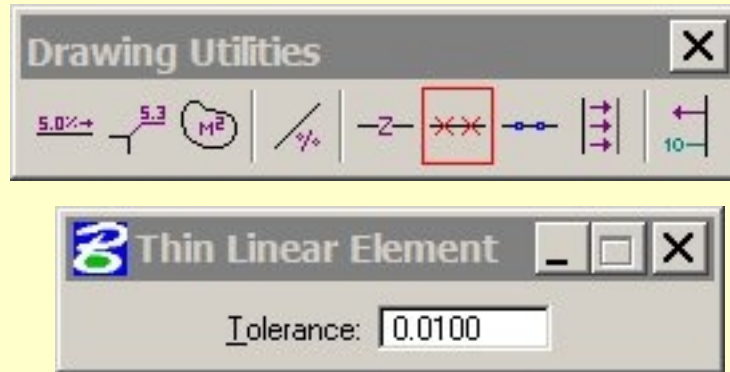


New Features in TerraModeler

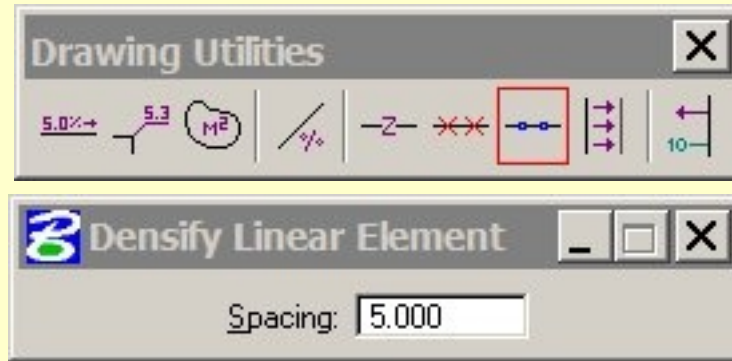
Arttu Soininen
Software developer
Terrasolid Ltd

Thin Linear Element



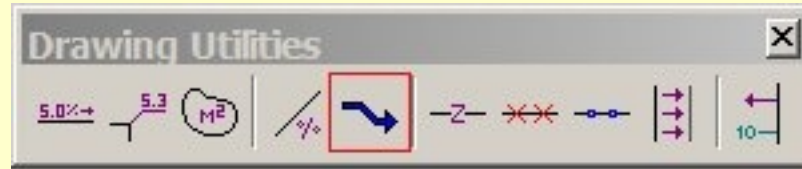
- Removes unnecessary vertices from linear element(s)
- **Tolerance** is largest allowed 3d distance between resulting and original vector element

Densify Linear Element



- Adds intermediate vertices to linear element(s)
- **Spacing** is the desired spacing between consecutive vertices
- Tool adds vertices if distance between two consecutive vertices in original element is longer than $1.333 * \mathbf{Spacing}$

Force Downstream Flow



- Changes elevations of vertices in a linear element so that elevations run up or down all the time
- Useful for making sure that there are no small upward changes in a water stream breakline

