

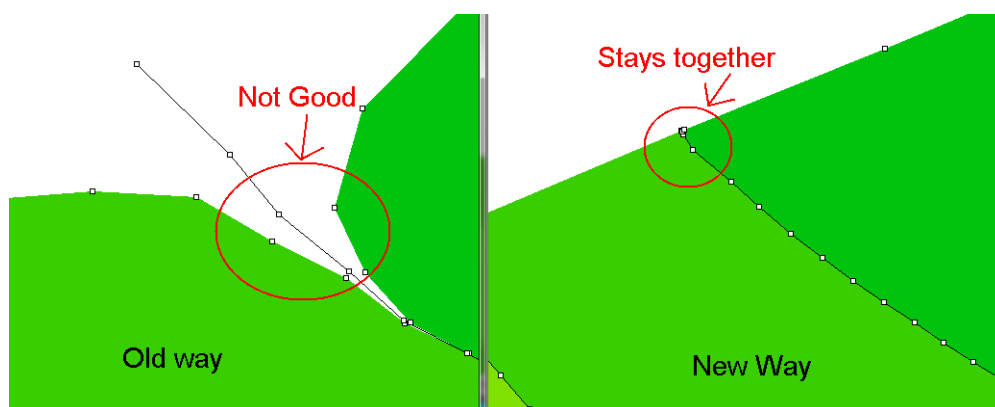


Update to Contour Editor

By Ken Aiken

Recently I've been working on a complete rebuild of CONTOUR EDITOR. I've done it to fix the problem of contour lines and hatch borders separating and creating gaps when they were smoothed or had points deleted. Now, internally, all of the contour and hatch points are stored as shared segments (i.e. If hatches and lines share points they are stored together as one segment). This means that any changes to a point happen to all lines and hatches that share it, preventing them from separating. The down side of this, unfortunately, is that the load times have increased.

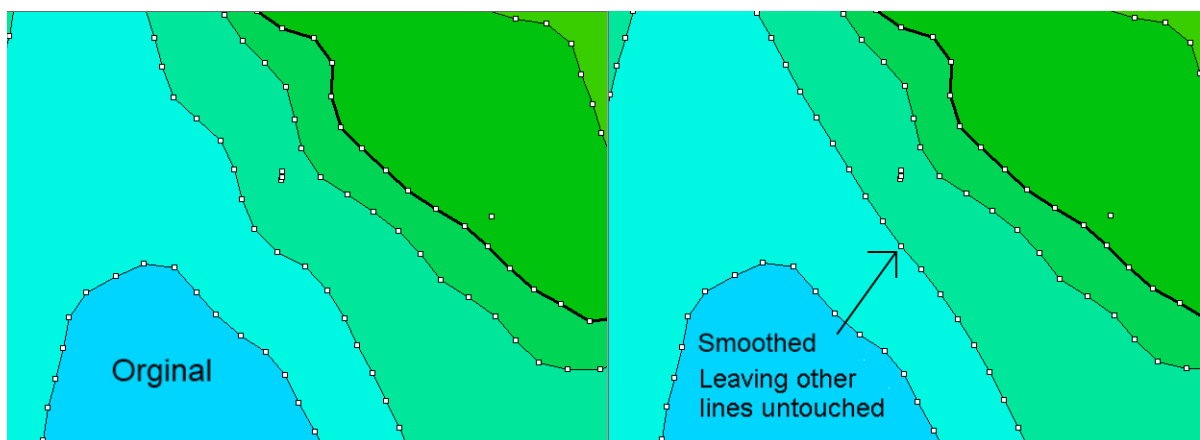
FIGURE 1. Contour Line Separation Bug (left) and the Same Data in the Updated CONTOUR EDITOR (right)



I've also added a couple of other tools.

The first enables you to smooth individual contours without smoothing the entire chart.

FIGURE 2. Smoothing an Individual Contour in the CONTOUR EDITOR--Before (left) and After (right)



The second expands the selection capabilities of the Move Point tool. You can hold the Shift key to select multiple points or the Ctrl key to select the entire contour. You can then drag them to the desired location.

FIGURE 3. *Hey look! I grabbed an entire line! Wasn't that easy?*

