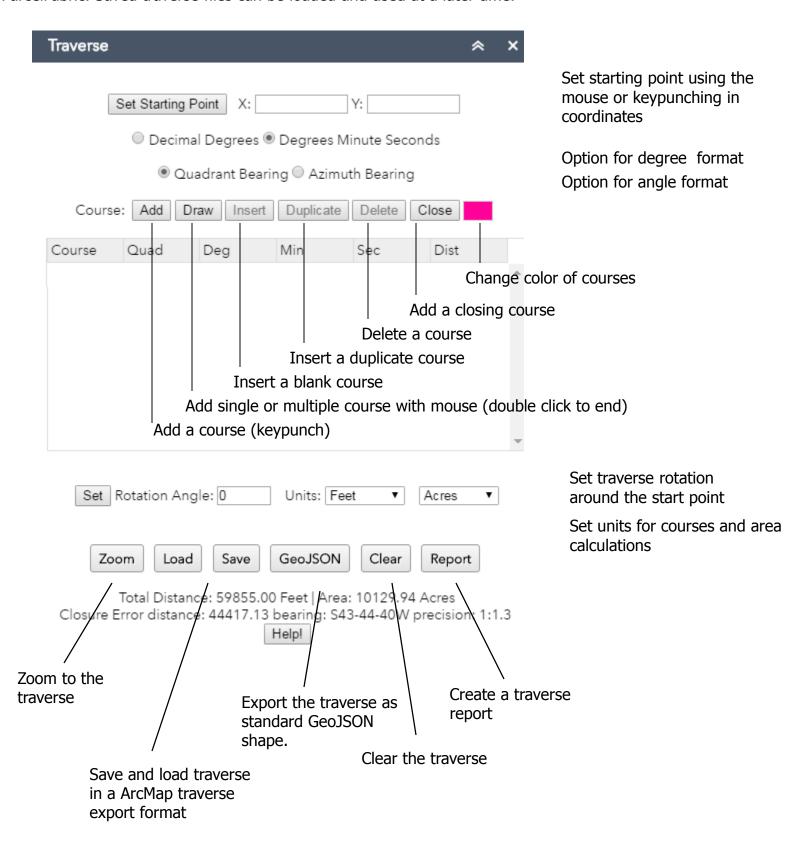
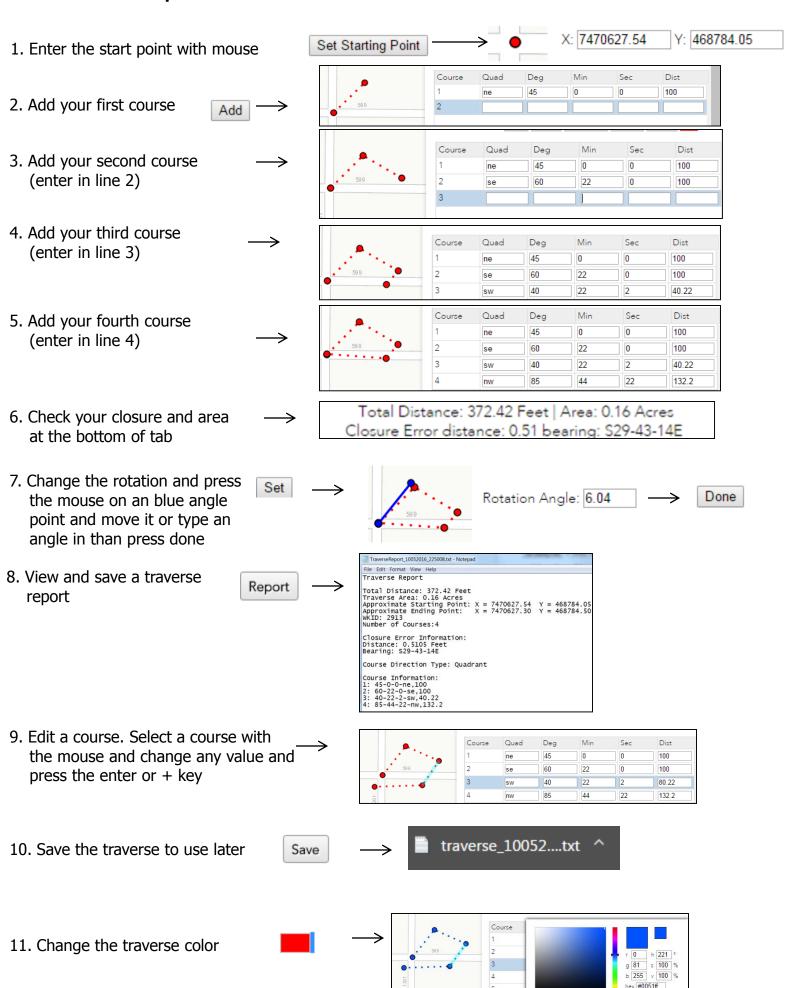
Traverse Tool

The simple traverse measurement tool allows you to create, edit and save a geographic shape based on bearing and distance measurements. Course degrees can be entered in decimal degrees or degree minute second formats. Course angles can be quadrants or north azimuth angles. Course distances can be in a variety of units. The traverse can be rotated around the start point. Traverse areas and closures will always be calculated. Once created the traverse can be saved a GeoJSON shape or saved in a structure compatible with ArcMap CoGo or ParcelFabric. Saved traverse files can be loaded and used at a later time.



Traverse Basic Steps



Traverse Notes

<u>Editing Courses</u>: In addition to editing a single course you can also duplicate a course, delete a single course, or insert a course before the selected course. Insert Duplicate Delete

<u>Close a Traverse</u>: You can add a last closing course <u>Close</u> to a traverse which will automatically close the traverse using the closure bearing and distance. This tool does not have any other closure methods.

Moving a traverse: You can move the traverse by simply selecting a new start point.

<u>Drawing Courses</u>: You can quickly measure inverses of lines and add courses on the map with the mouse. Double click to end or press (done).

<u>Blank Course</u>: Blank courses (rows) are ignored when calculating closure, running reports, or saving to a file.

<u>Units</u>: All courses in a traverse MUST have the same angle, bearing, and unit formats.

<u>The Keypad</u>: This application supports a standard 10key keypad. The + key works like the enter key.

<u>GeoJSON</u>: You can save multiple courses to multiple GeoJSON shapes that can be easily displayed in most web applications as sketches.

<u>Curves</u>: This tool does not support curves. Enter curves as straight lines using the long cord bearing and distance.

Rotation: You can ONLY rotate a traverse around the start point.

What this tool is and is not: This tool is a simple traverse tool. This tool is NOT a property management system or a CoGo package.

<u>Who developed this tool</u>: This tool was developed in collaboration by the City of Yakima, Washington and Polk County, Oregon.