Pathfinder MapEdge™ - Counting Addresses

MapEdge™ Analyst

The address counting capability of MapEdge™ Analyst provides a method for quickly estimating the number of houses and buildings in any given area. Knowing the number of houses in an area allows for better planning of door to door pickup and delivery services and emergency evacuation activities.

The user simply clicks out a polygon using the distance measure tool. Once the polygon is finished the user left clicks on an edge of the polygon. That causes the following items to be calculated and displayed on the status line:

a) Polygon area
b) Number of street segments with address points in the polygon
c) Total length of all the street segments with address points in the polygon
d) Number of address points inside the polygon

Tip 2x the total length of all street segments (c) is the minimum distance a vehicle would have to drive in order to pass by all addresses on both sides of the street.

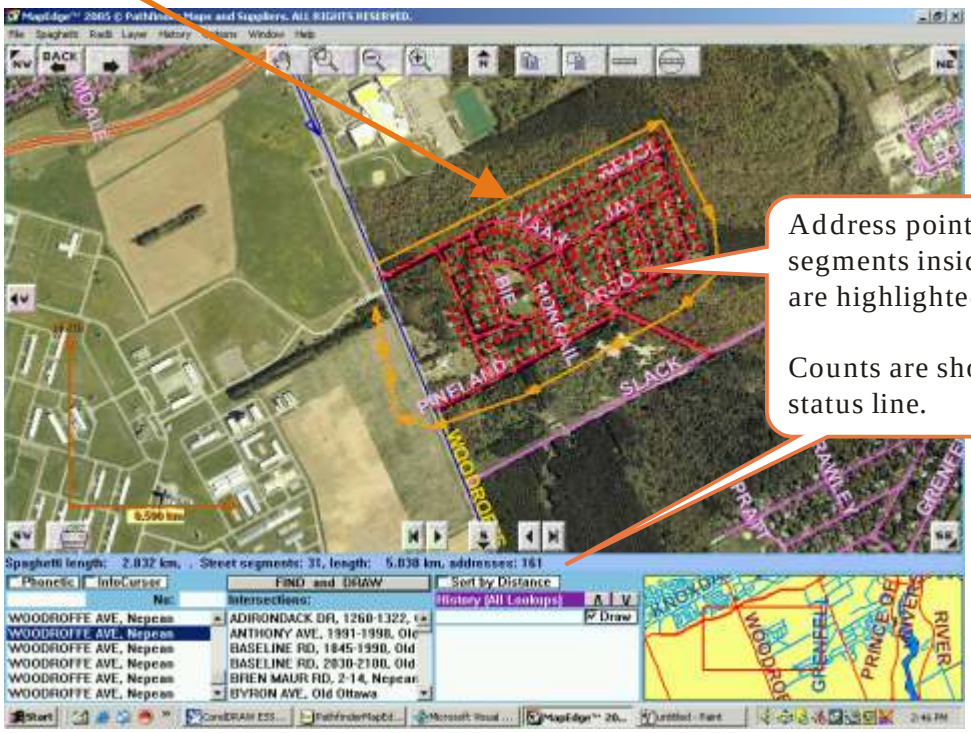
The radius tool can also be used to obtain address counts, as can the Response Zone Calculator.

1 Set the following option to enable address counting within polygons and radii:

Options >
Spaghetti (Length Measurement) >
Application >
Count Addresses in Polygon Area

Tip In the latest version of MapEdge™ Analyst this is always enabled. It's easier that way. The Downwind Estimate option is now available as well. When selected, a rounded triangular polygon is drawn around the spaghetti. This rounded triangle can then be clicked on to get an address count.

2 Left Click on any polygon edge to initiate counting. Counting will be complete within seconds.



Tip If you want to exclude some streets from the count, use the Right Click Exclude command.

Note Generally, each house and building has an address, so the method of counting addresses this program employs usually provides a good estimate of the number of houses and buildings in an area. However, "private" areas such as condominiums and townhouses generally do not have individual address points. Review the air photos to see if this is the case.

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