

Haunted House Tour

By: Jeff Albert

Introduction

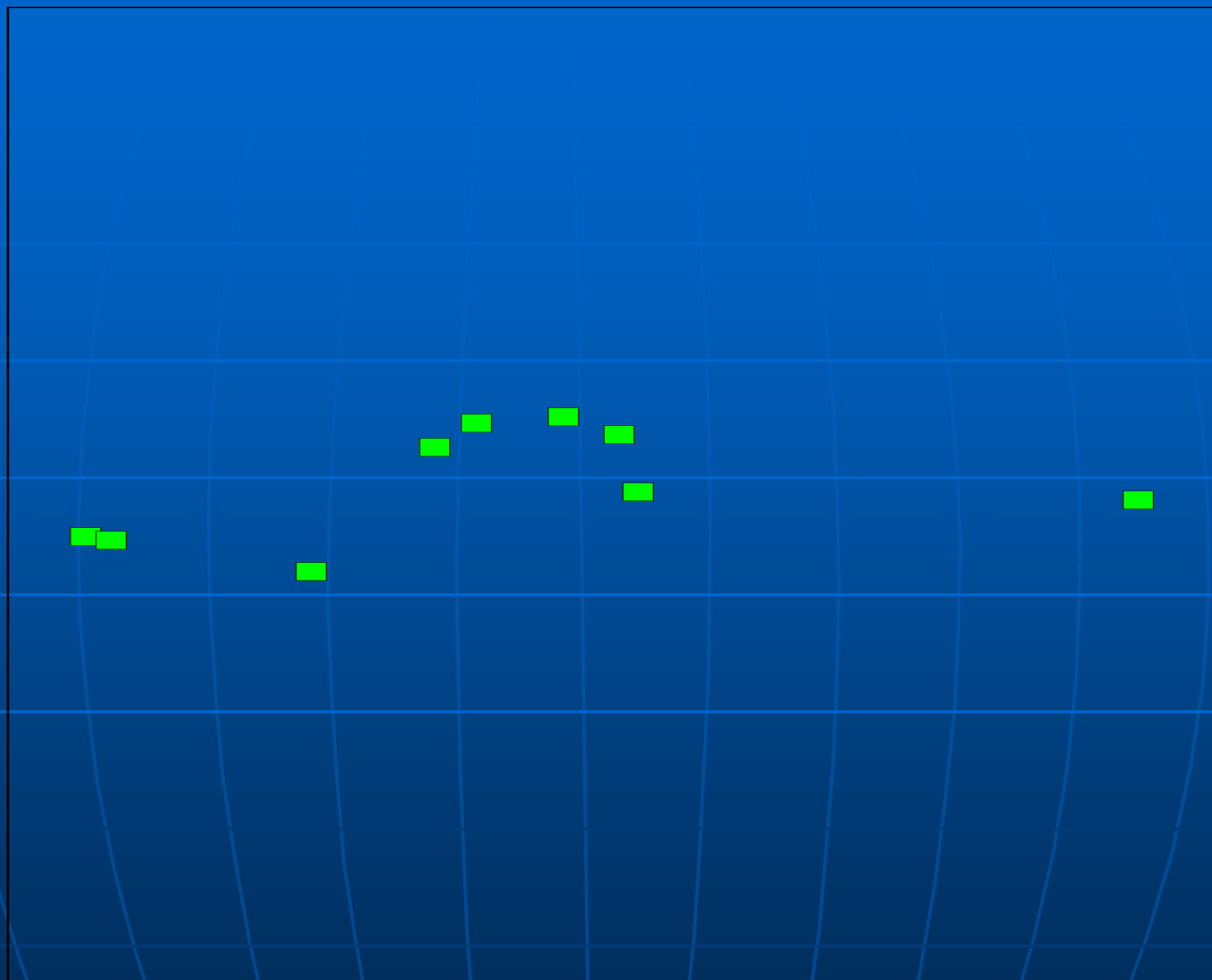
- I have always be interested in haunted houses and ghost stories. Because of that, I set out to make a haunted house tour of Salem.
- There is no better place to have a haunted house tour then a city that has a big history of witches, and ghost.

Steps in making my haunted house tour

- First I needs to find out where “real” haunted houses are in Salem.
- Use the GPS system to plot each haunted house.
- Transfer each point onto a map of Salem.
- Calculate where to start and end for the best route.
- I do not want a route that is to long but also do not want a route that has you going all over the city.

Transferring my data points from the GPS to ArcMap

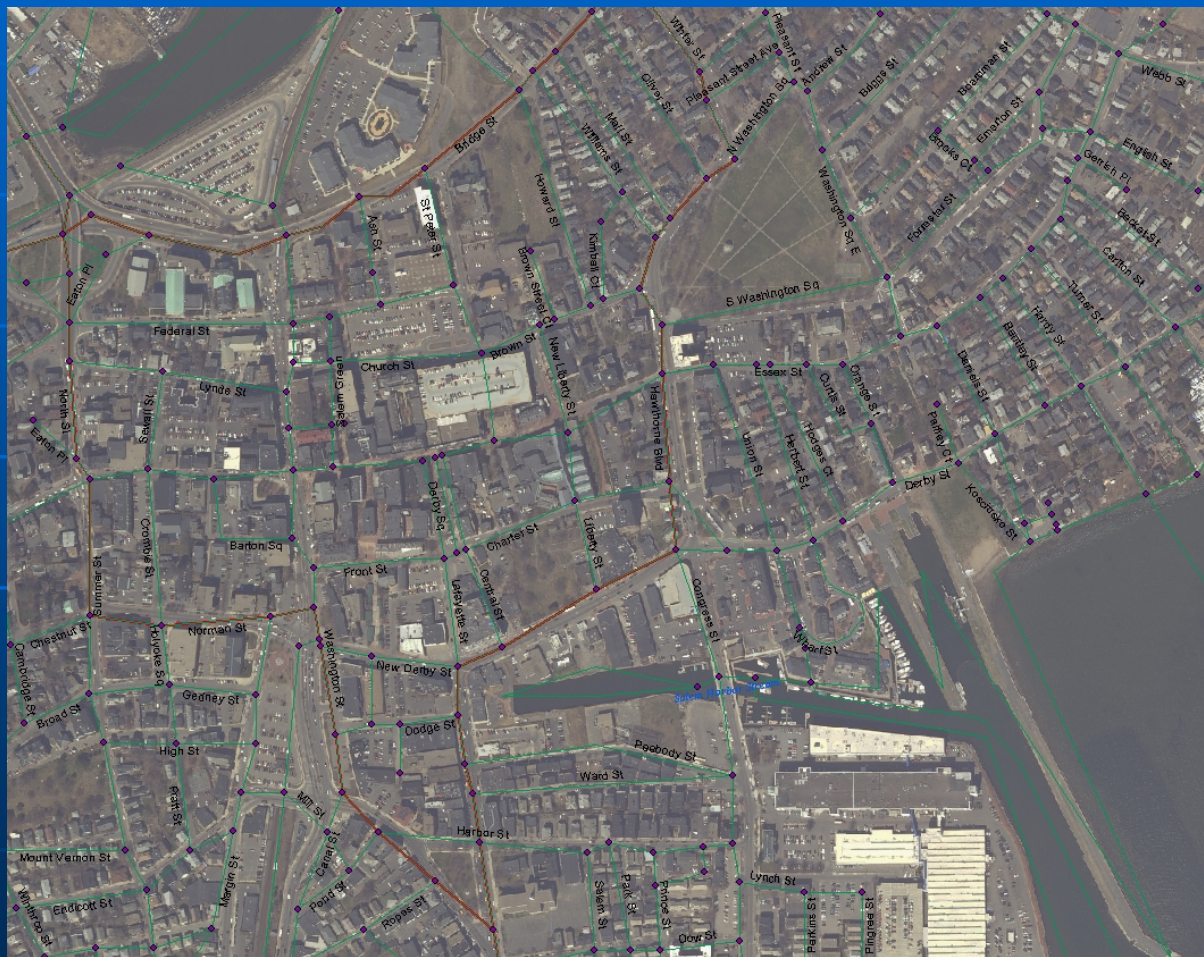
- After I had my data points in the GPS system I had to transfer them to the computer.
- Change the data so ArcMap can read it. To do this I saved my data points as a text file and then opened this new file into excel.
- After I did some work in excel I saved the file as a data base file.
- Open the new data base file in ArcMap.
- Add XY values to my Longitude and Latitude coordinates.
- Once I did all this, this is what I got:



Map of Salem

- After getting the points into ArcMap, I needed to put them on a map of Salem.
- I went to www.mass.gov/mgis for a map of Salem.
- I used the 1:5,000 Color Ortho Imagery (2005) for my map of Salem.
- The map looked like this:

Map of Salem



Adding my data points to the map of Salem

- Now that I have both my points and the map of Salem, I need to combined them together.
- I open my data points in ArcMap, and then open the map of Salem.
- Remember that I added my XY values to my points, and in return they are places on the map where the lat. and long. Are on the map.

Map of Salem and data points



The Route

- The next part was getting the route highlighted.
- I had to create a Network Data Base for the roads, so I could make the route.
- Building a Network Data Base is the process of creating network elements, establishing connectivity, and assigning values to the defined attributes.
- But once the Network Data Base was made I could select my points and the route will show up.
- The final map looks like this:

Directions

 **Directions**   

[-] Route: Graphic Pick 3 - Graphic Pick 11 1.8 mile(s)

1:	Depart Graphic Pick 3		
2:	Go South on Kimball Ct	< 0.1 mile(s)	Map
3:	Turn right on Brown St	< 0.1 mile(s)	Map
4:	Turn right on Howard St	< 0.1 mile(s)	Map
5:	Arrive at Graphic Pick 4		Map
6:	Depart Graphic Pick 4		
7:	Continue North on Howard St	< 0.1 mile(s)	Map
8:	Make sharp left on Bridge St	< 0.1 mile(s)	Map
9:	Turn left on St Peter St	< 0.1 mile(s)	Map
10:	Arrive at Graphic Pick 5		Map
11:	Depart Graphic Pick 5		
12:	Continue South on St Peter St	< 0.1 mile(s)	Map
13:	Turn right on Federal St	< 0.1 mile(s)	Map
14:	Arrive at Graphic Pick 6		Map
15:	Depart Graphic Pick 6		
16:	Continue West on Federal St	< 0.1 mile(s)	Map
17:	Turn left on Washington St	< 0.1 mile(s)	Map
18:	Turn right on Lynde St	< 0.1 mile(s)	Map
19:	Turn left on Sewall St	< 0.1 mile(s)	Map
20:	Turn right on Essex St	< 0.1 mile(s)	Map
21:	Arrive at Graphic Pick 7		Map
22:	Depart Graphic Pick 7		
23:	Go back North East on Essex St	< 0.1 mile(s)	Map
24:	Make sharp right on Summer St	< 0.1 mile(s)	Map
25:	Arrive at Graphic Pick 8		Map
26:	Depart Graphic Pick 8		
27:	Go back North on Summer St	< 0.1 mile(s)	Map
28:	Turn right on Essex St	< 0.1 mile(s)	Map
29:	Turn right on Barton Sq	< 0.1 mile(s)	Map
30:	Turn right on Washington St	< 0.1 mile(s)	Map
31:	Arrive at Graphic Pick 9		Map
32:	Depart Graphic Pick 9		

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