

ROC the MAP Adventure!

2022 Course Notes

Event Location:

Heroes Brewing Company, located at 543 Atlantic Avenue, Rochester, NY. Just west of the Atlantic/Culver Rd intersection, and approximately kitty-corner from the East High School football stadium. See aerial photo below. There is a large parking lot (visible in the aerial photo) at the brewery, so parking will not be an issue.

We are delighted to be partnering with Heroes this year. They have created a special DDH Cream Ale for ROC and will donate \$1, from each pack sold, to the club. We, in turn, are giving the donations to a charter school in Buffalo that enjoys coming to our orienteering events. Upon finishing, enjoy some delicious varieties of beers. Each person over 21 will receive a token for a glass of beer upon their return. Non-alcoholic beverages and pizza are also available. Pizza must be purchased.

There will be a mass start at 11:00 am (everyone starts at the same time), with a time limit of 3 hours. Registration and check-in start at 10:00 am; maps will be distributed at 10:30 to allow 30 minutes for course planning.



The map:

The map is oriented to true north, not magnetic north. Magnetic north is indicated on the map legend, although there should not be any need for precise compass bearings.

The scale of the map is 1:17,500 (1 km = 57 mm, or 1 mile = 3.6 inches). It is printed one-sided on an 8.5x11 inch sheet of paper; the other side of the sheet has the legend. Map bags of 9x12 will be supplied.

Object:

The object is to visit, in any order, as many as possible of the spots (checkpoints) indicated by red circles on the maps, and verify that you were there by answering a question whose answer is found at the spot.

Checkpoints:

Checkpoints are numbered from from 1 to 63.

In the center of each control circle is a red dot indicating a fairly precise location of where



the answer can be found. An example is shown to the right. Paying attention to the location of the dot will in many cases save substantial time at the controls.

The answer should be reasonably obvious if you are at the right spot. We did not intentionally make any “trick” questions, where the obvious answer is not the correct answer. Once you get to the center of the circle and read the question, the intention is that it generally shouldn’t take you more than about 5-20 seconds to come up with the answer. We tried our best to minimize the time needed at a control to locate the answer by having a red dot in the center of the control circle, and by having hints where needed.

Most of the checkpoints are quite permanent (things carved in stone on building walls, for example), but others could conceivably change with time. Hopefully this hasn’t happened to any of our checkpoints, but with such a large number of points, it’s not out of the question that a very small number may have changed. If you know you’re in the correct location, and the question just isn’t making sense (or the question makes sense but there is no correct answer to it listed), after giving it a good effort, don’t agonize over it forever. All questions have answer “E” as a choice, which is “none of the above”. So if you’re convinced that no answer is the correct answer to the question, choose “E”. Note: We did not intentionally make any controls where the correct answer is “E”.

Here is an example, from a previous year’s event, of the types of questions that might be asked:

Control #	Question	A	B	C	D
31	Lunsford Park was also known as what, when laid out in 1837? (See third paragraph)	Glasgow Circle	Plymouth Park	Caledonia Square	Greig Park
32	In what year did the person honored by this historical marker move to Rochester? (See N side of sign)	1943	1945	1946	1949
33	The right-most (southern) mural features what type of animal?	Mythical	Mammal	Bird	Fish
34	In the area painted with red, orange, and yellow bands, what is shown?	Numbers	Music notes	Birds	Flowers
35	The name of what restaurant is shown on a sign on the building on the corner?	Corn Hill	White Oak	Nathaniel Rochester	Clarissa Diner
36	There is a quote by Nelson Mandela carved in the sidewalk, located near the little free library. The first few words are:	For to be free	As long as poverty	I learned that courage	Education is the most powerful
37	In what year was natural gas available in Rochester? (See lower left)	1888	1901	1947	1951
38	What year is mentioned on the plaque on the wall?	1914	1917	1920	1922
39	What is the year on the cornerstone?	1891	1894	1897	1902
40	Margaret Strong is said to have excelled at three sports on the marker telling about her and the museum. Which sport was NOT listed?	Tennis	Archery	Bowling	Golf
41	What was the occupation of Amos Burrows?	Grocer	Banker	Carpenter	Surveyor
42	In what years was the second edifice built?	1850-1	1853-4	1857-8	1860-1
43	The sign says that Amy and Isaac Post personified the dedication to three causes. What was the third of the three causes listed?	Abolition of slavery	Women’s rights	Pacifism	Temperance
44	What key component of the automobile did the person mentioned in the first paragraph invent?	Carburetor	Clutch	Transmission	Gasoline engine
45	When did Jonathon Child stop living in this house?	1848	1850	1852	1854
46	Which of the following is NOT listed as ways Hervey Ely made his fortune by running? (1 st para.)	General store	Sawmill	Farm	Gristmill

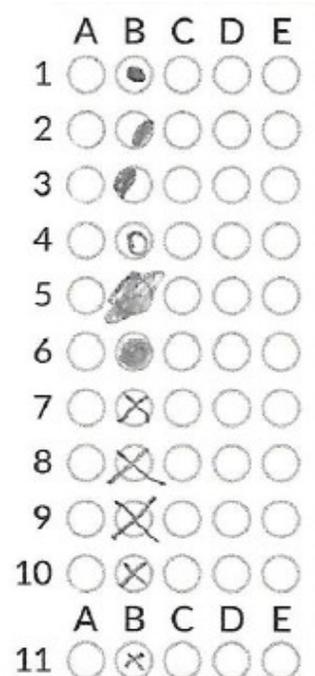
Scoring:

One point for every control visited with the question answered correctly, and minus 1 point for questions answered incorrectly. Minus 1 point per minute or fraction of a minute overtime.

Your finish time is recorded as the time you hand in your completed answer sheet.

The scoring software app (ZipGrade) seems to be pretty robust regarding what it picks up as filled-in bubbles. To the right is a trial we did of various less-than-perfect ways of filling in the bubbles. ALL of these registered OK! We don’t want to encourage sloppiness, but there appears to be no need to spend lots of time getting the bubbles filled in perfectly. And if it’s clear to a human that a bubble was filled in, but the app doesn’t pick it up, we can manually correct that.

If you make a mistake (say you filled in “E” while you meant “D”), you can erase your original mark, but it needs to be essentially completely erased or else the app will still detect it. (Having a good eraser along might be helpful.) If you can’t erase it, fill in the answer you meant to select, and make a note of it, making clear what answer you



intended (and mention it to whomever is doing the scoring with the app). That can be manually corrected.

If you made a mistake and filled in the wrong bubble, but you don't correct it and/or tell us about it before we score it, then you're out of luck. What is filled in when you hand in the answer sheet stands; it's just not practical from a logistics standpoint to allow changes of mind once the scoring has taken place.

Rules:

It is prohibited to utilize any method of determining the answer other than by visiting the checkpoints. (Internet searches using smart phones, for example, or wild guesses, or calling a friend who you think may know.) By answering a question, you are attesting that you were at that point.

Team members must stay together (no splitting up to visit separate locations.)

Although you're encouraged to carry a cell phone for safety reasons, cell phone conversation between different teams to compare strategies, swap answers, etc. is strictly prohibited. If needed, the organizers can be contacted at 585-747-2378 (cell phone) (this number is also printed on your map).

Safety:

Please give safety the highest priority. There will be traffic – the people in the cars have no idea about our event. While much of the course area is neighborhood streets without heavy traffic, there are some heavily traveled main arteries on the map. Do not take risks crossing streets. Know that YOU are the one ultimately responsible for your safety – don't assume cars see you and will avoid you. Don't get so distracted by your map and navigation that you carelessly wander into or across roads without giving your full attention to traffic in the area.

Virtually all of the streets on the map have sidewalks, so they are pedestrian-friendly. But use the utmost caution when crossing streets.

Extra Information:

There are no refreshments (food or beverages) provided by ROC on the course. However, this being an urban setting, there are lots of places where food or beverages can be purchased.

This event is different from ordinary orienteering events: the control points are not hard to find; all are on or near roads or trails. The challenge is to choose an efficient route and allow a bailout option if time runs out. There is also the challenge of keeping track of your position, since no street names are shown on the map.

The course highlights outdoor sculptures, interesting places, and history.

Limited-access highways (I-490 and the Inner Loop) are mapped in red; no pedestrian travel is permitted on these roads.

Hope you enjoy the event and find our city as interesting as we did!!

– Anne Schwartz, Dick Detwiler, Rick Lavine, Doug Hall, Heidi Hall -- course setters and vetters

Map Notes:

This map was created in very large part from GIS data (which is now probably about 10 years old) provided by the City of Rochester and the County of Monroe. These data included LIDAR contour data, edge-of-pavement data, and building footprint data. Streets are shown by the edge-of-pavement lines with no enhancement. No brown infill color is used on roads.

As far as buildings, standard-sized city houses are not shown. Any building judged substantially larger than a typical house is generally shown. The buildings shown, with a very few exceptions, were not "field checked". Over time, some buildings are torn down, and some new buildings are built. There are certainly some inaccuracies due to buildings shown that are no longer there, and buildings that are there that are not shown on the map.

Most parking lots are not shown.

Since there is nothing particularly “secret” about this map, being a well-mapped urban area, a segment of the map, including the legend and the start location, is shown here. If you get familiar with the map and the legend now, you can focus on route planning when you receive the actual map with the controls shown. (Scale of the map segment as displayed here is not the actual 1:17,500 scale.)

- Expressway (no pedestrians) 
- Park or other publically accessible land 
- Buildings 
- Crossing point; dam 
- Parking lot 
- Trail 
- Small road 
- Out of bounds 
- Uncrossable fence 
- Public bathrooms 

