



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Buffalo Half Marathon 2021 Distance 21.0975km

Location (state) NY (city) Buffalo

Type of course: Road Race

Measuring Methods: Bike

Measured By Jeff John, Box 608, Amherst NY 14226

Race Contact Rich Clark, Box 845, Amherst NY 14226

Date(s) when course measured: 04/09/2021, 04/15/2021

Number of measurements of entire course: 2 Course Configuration: Complex of Loops

Elevation (meters above sea level) Start 182.0m Finish 181.7m Lowest 174.0m Highest 203.98m

Straight line distance between start and finish 190m Drop 0.01 m/km Separation 0.90 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: May 2, 2021 Certification code: NY15304JJ

Note to Race Director: Use this Certification Code in all public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If any changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 of the year: **2025**

Jeffrey D John

AS NATIONALLY CERTIFIED BY:

Date: May 2, 2021

Jeff John - USATF/RRTC Certifier - Box 608, Amherst NY 14226
(716) 982-4779 - RaceMeasure@BuffaloRunners.com



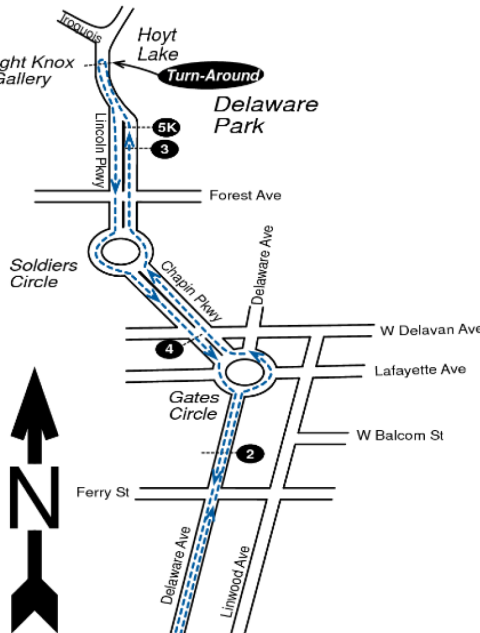
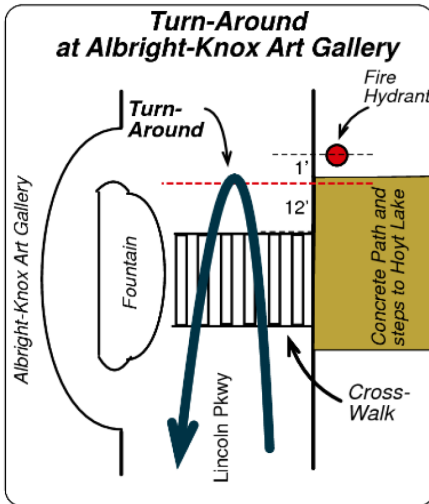
USATF Certificate
 NY15304JJ
 Effective: 05/02/2021
 Through: 12/31/2025

Buffalo Half Marathon 2021

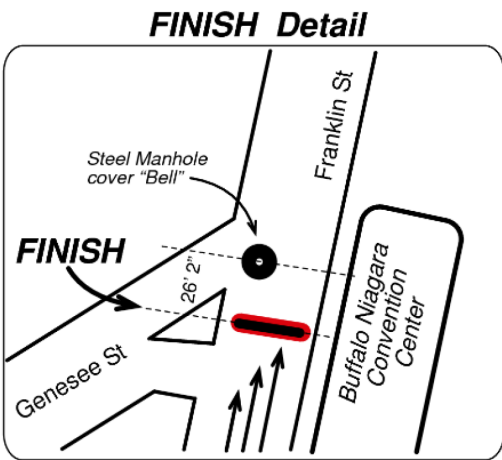
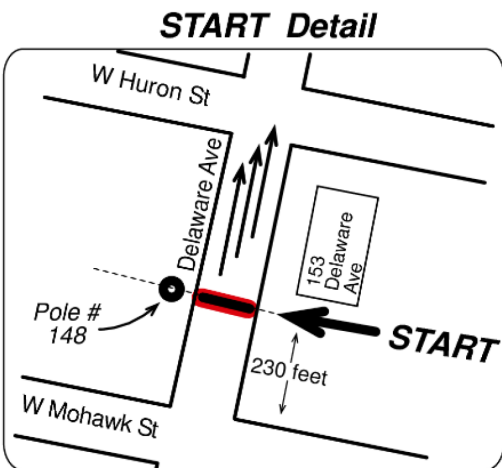
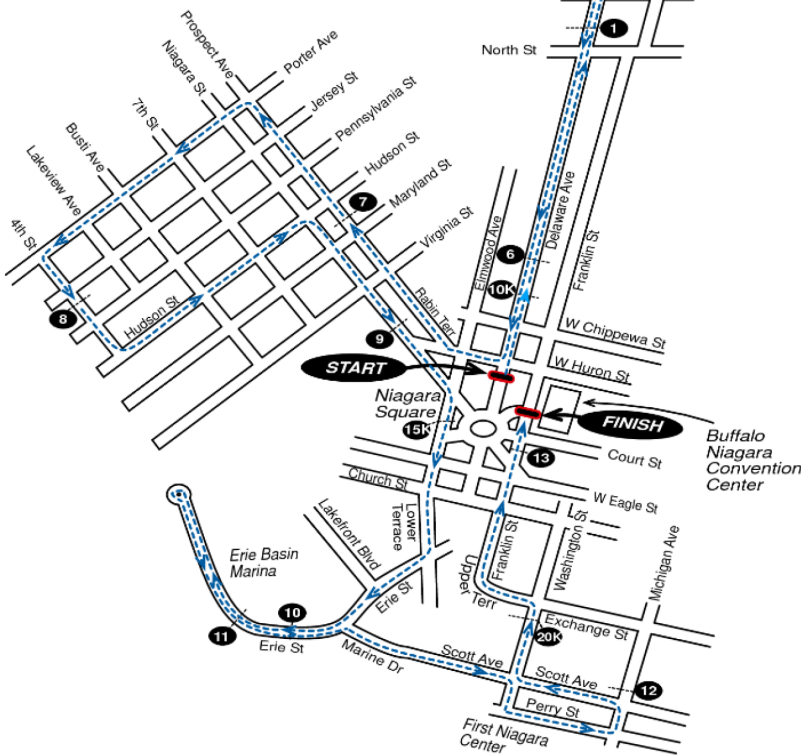
Buffalo, NY

Distance: 21.0975 Km

Measured on April 15, 2021
 Measured By Jeff John
BuffaloRunners.com
 Calibration: NY14076JG



- Map Notes**
1. This course was created as a modification to course NY15009JJ.
 2. The course was measured using the full width of the road and the Shortest Possible Route (SPR).
 3. Runners run counter-clockwise around all traffic circles: Gates Cir, Soldiers Cir.



Buffalo Half Marathon 2021 Mile and 5-Kilometer Splits

| Split | Location |
|----------------------|---|
| START | 153 Delaware Ave, at vertical center of Lamp Pole #148, south of W Huron St and north of W Mohawk St, and 230 feet north of W Mohawk St. |
| 1 MILE | 675 Delaware Ave, at the north edge of the driveway |
| 2 MILE | 1207 Delaware Ave, 112 feet south of Cleveland Ave |
| 3 MILE | 100 Lincoln Pkwy and 168 feet south of Rumsey Rd |
| 5K | 164 Lincoln Pkwy and 135 feet south of north tip of island separating Linclon Pkwy from its west side service road. |
| Turn-Around | Lincoln Pkwy at the Albright Knox Art Gallery fountain island and 12 feet north of the cross-walk between the Gallery and the concrete path to Hoyt Lake and adjacent the north edge of that concrete path that intersects with Lincoln Pkwy at a right angle, and 170 feet south of intersect with Iroquois Dr., abd 1 foot south of the red fire hydrant (1996 Kennedy) on the east side of Lincoln Pkwy. |
| 4 MILE | 56 Chapin Pkwy and 40 feet south of W Delevan Ave |
| 5 MILE | 900 Delaware Ave at north edge of driveway, and 145 feet south of Bryant St |
| 6 MILE | 360 Delaware Ave, and 100 feet north of W Tupper St |
| 10K | 250 Delaware Ave, and 14 feet past lamp pole #252, and 180 feet north of W Chippewa St |
| 7 MILE | 279 Prospect Ave, 2 feet north of driveway |
| 8 MILE | at the 4-space parking lot north of 539 4th St and 27 feet south of Hope St |
| 9 MILE | 210 Niagara St, and 13 feet north of Georgia St |
| 15K | On S Elmwood Ave Near the south edge of the Buffalo City Hall, and 32 feet north of Perkins Dr |
| 10 MILE | On Erie St 80 Feet west of center of Templeton Terrace and at the "No Standing Any Time" sign |
| 11 Mile | Erie St (Near the "Hatch" Restaurant) and 44' south of Pole # 12 |
| 12 Mile | On Michigan Ave 64' north of intersection with Perry St and 61' south of Pole # 144 |
| 20K | On Washington St between Exchange St and Scott St and 47' south of south edge of I-190 overpass |
| 13 Mile | 127 Franklin St and at vertical center of Pole # 127, north of Niagara St and south of Court St. |
| Half Marathon FINISH | 153 Franklin St at the Buffalo Convention Center, and mid-island of Genesee St intersect exactly 26' 2" south of the center of manhole cover "Bell" (the closest of 2 such covers), and 29' 9" before center doors Of the Buffalo Convention Center |