



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Buffalo Marathon 2021 Distance 42.195km

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: 04/04/2021, 04/09/2021, 04/15/2021

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

Elevation (meters above sea level) Start 182m Finish 181.7m Lowest 174m Highest 204m

Straight line distance between start and finish 190m Drop 0.01 m/km Separation 0.45 %

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

Effective date of certification: May 2, 2021 Certification code: NY15305JJ

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
 NY15305JJ
 Effective: 05/02/2021
 Through: 12/31/2025

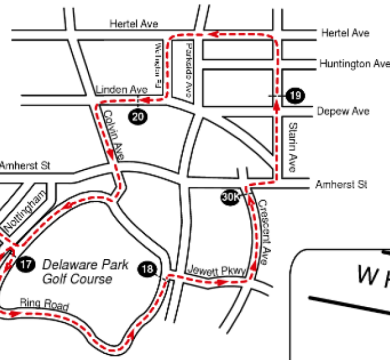
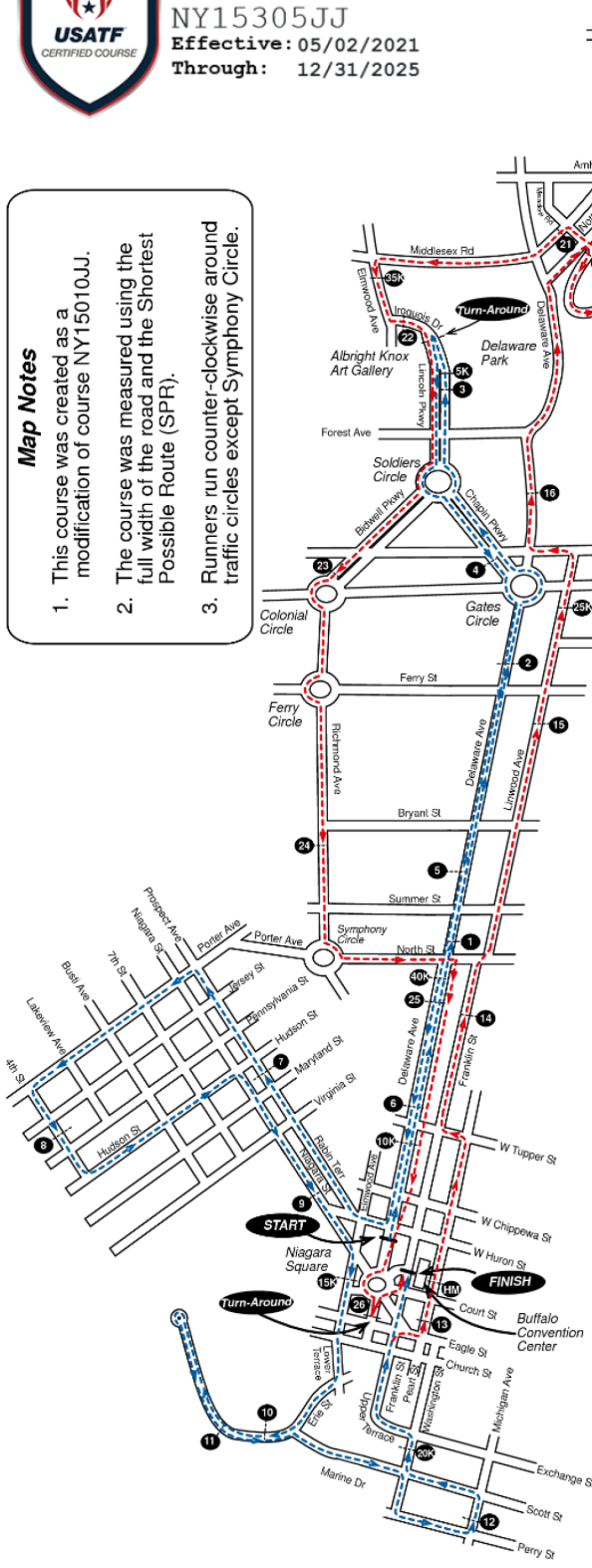
Buffalo Marathon 2021 Buffalo, NY

Distance: 42.195 Km

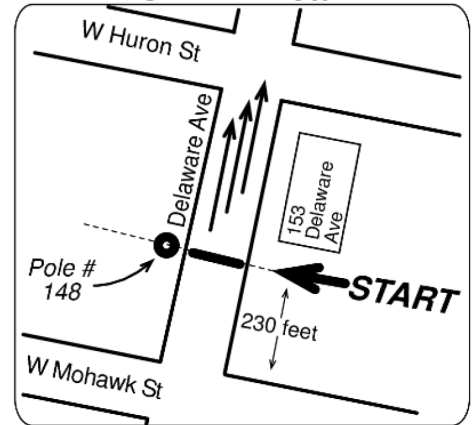
Measured on April 15, 2021
 Measured By Jeff John
BuffaloRunners.com
 Calibration: NY14076JG

Map Notes

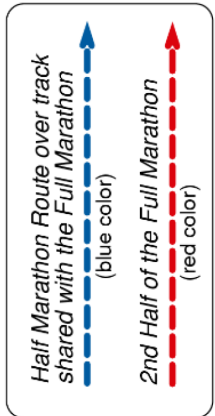
1. This course was created as a modification of course NY15010JJ.
2. The course was measured using the full width of the road and the Shortest Possible Route (SPR).
3. Runners run counter-clockwise around traffic circles except Symphony Circle.



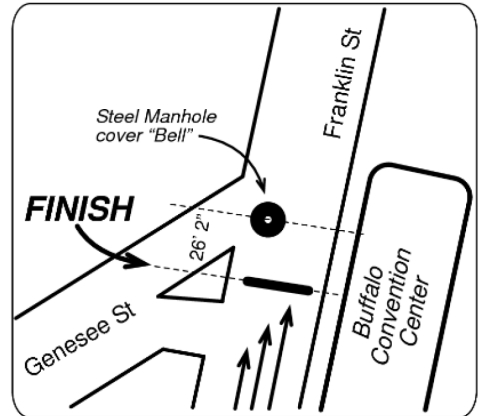
START Detail



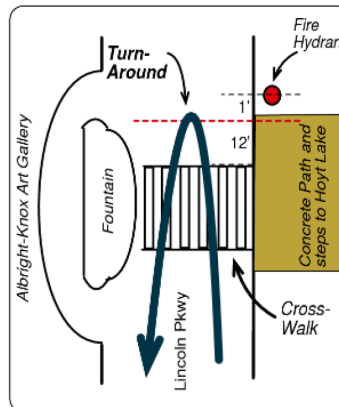
Route Legend



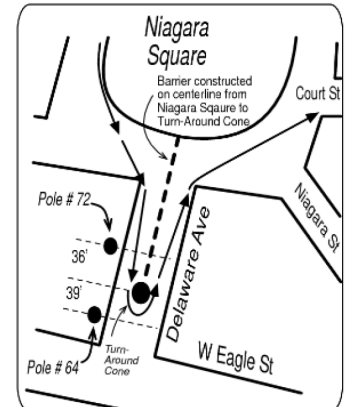
FINISH Detail



Turn-Around at 3.21 Miles



Turn-Around Near The Finish



Buffalo Marathon 2021 Mile and 5-Kilometer Splits

START Through HALF MARATHON (13.10938 Miles)

| 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 Lincoln 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") 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 | On Pearl St, 5 feet north of Pole #196, north of W Eagle St, south of Court St. |
| Half Marathon | On Pearl St, 82 feet north of the intersection with Court St |

**Buffalo Marathon 2021 Splits
Continued on Next Page**

**Buffalo Marathon 2021 Splits
14 Miles Through Finish**

| Split | Location |
|-------------|---|
| 14 MILE | 466 Franklin, 53' past Pole # 459, between Virginia St and Allen St |
| 15 MILE | 368 Linwood Ave, 47' past Pole # 360, between Utica St and Ferry St |
| 25K | On Linwood Ave 43' past Pole # 634, and north of Lancaster Ave and south of Lafayette Ave |
| 16 MILE | On Delaware Ave 10' south of intersect with Inwood Pl |
| 17 MILE | Delaware Park's Ring Road 9' past intersect with Meadow Rd |
| 18 MILE | Mid curve of intersect of Ring Rd & Jewett Pkwy, 5' past STOP Sign |
| 30K | Mid curve of intersection of Crescent Ave with Amherst St, and 12' before Pole # 1581 |
| 19 MILE | Starin Ave, 38' past intersection with Depew Ave |
| 20 MILE | 326/330 Linden Ave, 29' before Pole # 329, between Norwalk Ave and North Park Ave |
| 21 MILE | 62 Middlesex RD, 28' before Pole #64, just past the intersect with Meadow Rd |
| 35K | Elmwood Ave, 78' past Pole # 1465, just past Middlesex Ave |
| 22 MILE | On Iroquois Dr, 26' before Pole # 1329, just past Elmwood Ave |
| 23 MILE | Near 48 Bidwell Pkwy, 19' before Pole # 40, and just past Delavan Ave |
| 24 MILE | 204 Richmond Ave, 46' before Pole # 169, between Connecticut St and 17th St. |
| 40K | On Delaware Ave, 69' past Pole # 638 (at Roosevelt Inaugural Memorial) just south of North St |
| 25 MILE | 560 Delaware Ave, 36' north of Allen St. |
| 26 MILE | On Delaware Ave south of Niagara Square, 10' past Pole # 88 (runners are heading south toward the T/A) |
| Turn-Around | 50 Delaware Ave, south of Niagara Square and north of W Eagle St, in the center of the road, and 39' north of Pole # 64 and 36' south of Pole # 72. Location is 74 feet north of W Eagle St and 285 feet south of the Niagara Square island |
| Marathon | 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 |