



USATF Certificate

NY14038JG

Effective: 05/18/2014
through 12/31/2024

Buffalo Half Marathon 2014

Buffalo, NY

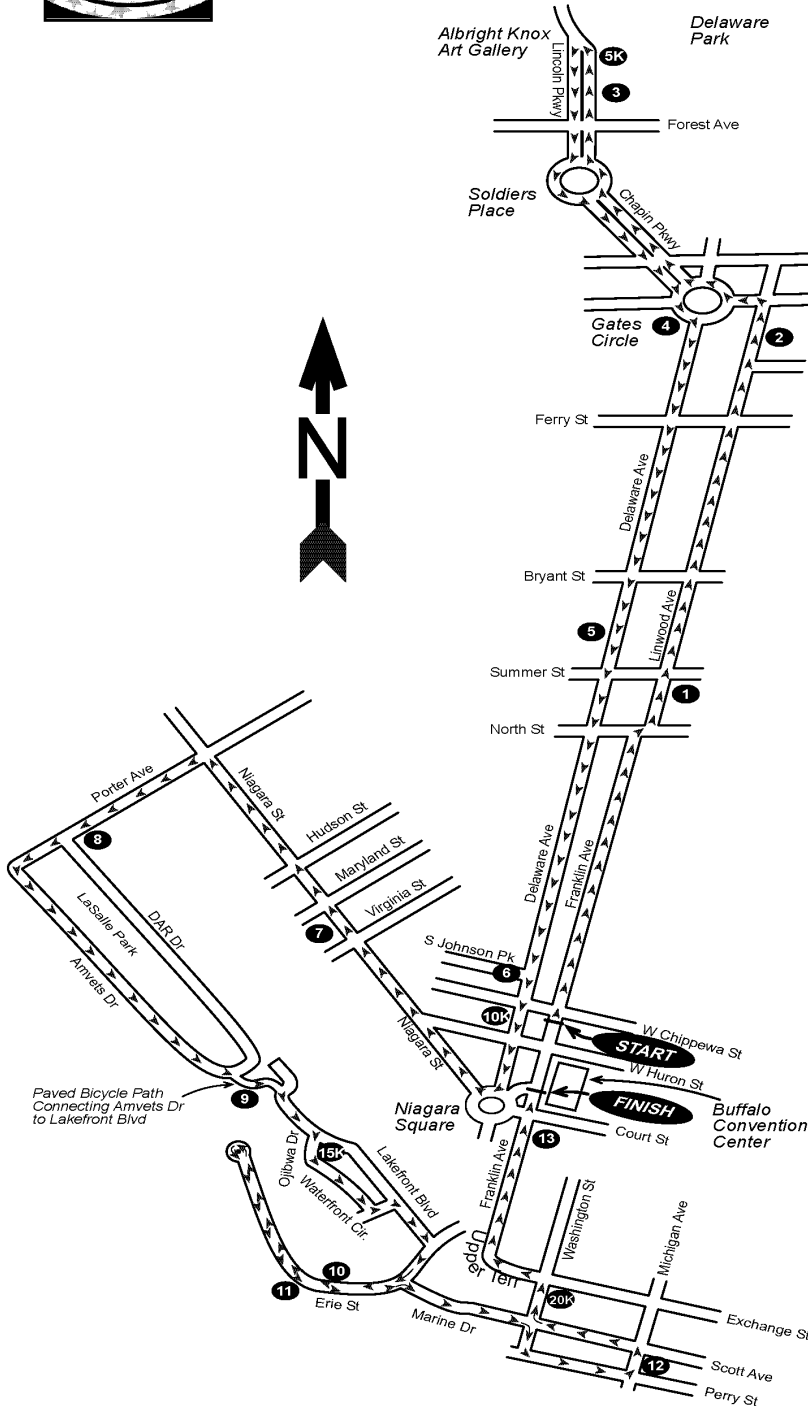
Distance: 21.0975 Km

Measured on May 11, 2014

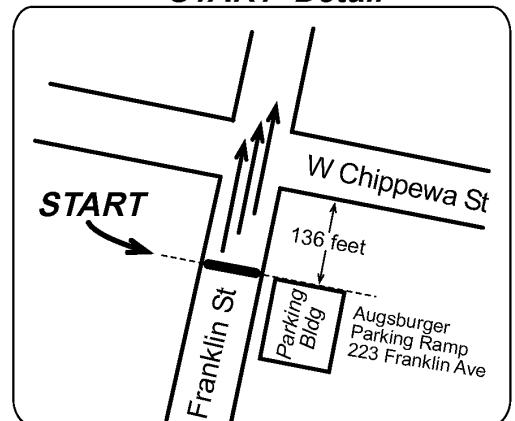
Measured By Jeff John

BuffaloRunners.com

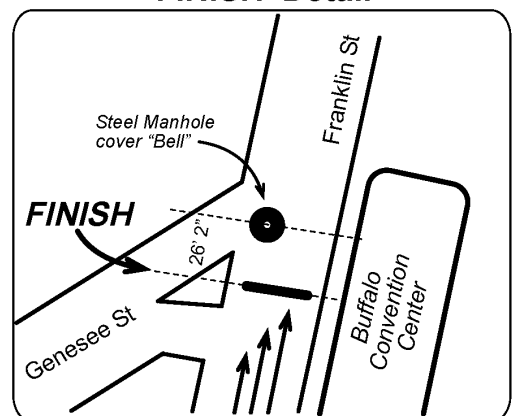
Calibration: NY12132JG



START Detail



FINISH Detail





**Road Running Technical Council
USA Track & Field
Measurement Certificate**



Name of the course Buffalo Half Marathon Distance 21.0975 km
Location (state) NY (city) Buffalo
Type of course: road race ☒ calibration ☐ track ☐ Configuration: partial loop
Type of surface: paved 100 % dirt - % gravel - % grass - % track - %
Elevation (meters above sea level) Start 187 Finish 185 Highest 203 Lowest 173
Straight line distance between start & finish 347 m Drop 0.1 m/km Separation 1.6 %
Measured by (name, address, phone & e-mail) Jeff John, PO Box 608 Amherst, NY 14226; 716-982-4779;
Jeff@BuffaloRunners.com
Race contact (name, address, phone & e-mail) Tom Donnelly, 303 Norwalk Ave, Buffalo NY 14216;
716-874-4302; runfasttom@aim.com
Measuring Methods: bicycle ☒ steel tape ☐ electronic distance meter ☐
Number of measurements of entire course: 2 Date(s) when course measured: May 11, 2014
Race date: May 25, 2014 Course certification effective date: May 18, 2014
Certification code: NY14038JG

Notice 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 this course, or at the discretion of USA Track & Field, a verification remeasurement 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 in the year

2024

AS NATIONALLY CERTIFIED BY:

Digitally signed by James A. Gilmer
DN: cn=James A. Gilmer, o=NY Regional Certifier, ou,
email=jim.gilmer@gmail.com, c=US
Date: 2014.05.18 09:23:04 -04'00'

Date: May 18, 2014

James A. Gilmer, USATF/RRTC Regional Certifier, New York | IAAF 'A' Measurer
232 Van Wies Point Rd., Glenmont, NY 12077-4222 • 518-852-3562 • jim.gilmer@gmail.com

Buffalo Half Marathon 2014

Mile and Kilometer Splits

Split	Location
START	On Franklin St exactly 136' south of W Chippewa St, and at the north edge of the multi-level brick public parking building (Augsburger Ramp) at 223 Franklin Ave.
1 Miles	Near 69 Linwood Ave and 21' north of Pole # 70 (between Summer St and North St)
2 Miles	Linwood Ave exactly at Pole # 580 (between Lafayette Ave and W Balcom St)
3 Miles	Lincoln Pkwy, 39' south of Pole # 108, between Rumsey Rd and Forest Ave
5K	Lincoln Pkwy (main road) 95' south of Pole # 126, at red hydrant, and 115' south of north tip of island between Lincoln Pkwy and its service road
4 Miles	Delaware Avenue in Gates Circle, 43' north of Pole # 5, and right at electric transformer box # 11R
5 Miles	800 Delaware Ave (CTG), 39' south of Pole # 808, between Summer St and Bryant St
6 Miles	On Delaware Ave, mid-intersection with S. Johnson Pk
10K	On Delaware Ave 35' south of Pole # 164 and near 160 Delaware Ave
7 Miles	Niagara St, 48' south of Pole # 381, near 369 Niagara St, and between Maryland St and Virginia St
8 Miles	Porter Ave 16' w of Pole # 39 and 188' east of DAR Dr.
9 Miles	On Bike Path between Lakefront Blvd And Amvets Dr, and 140' s of Amvets Dr and exactly at sign "DANGER UNDERTOW"
15K	On Ojibwa Dr 18' east of Pole # 21 (sw of lakefront Blvd)
10 Miles	On Erie St 62' east of Pole # 273, west of Templeton Terr.
11 Miles	On Erie St in the Erie Basin Marina, north of The Hatch restaurant, and 39' north of Pole 10
12 Miles	Michigan Ave between Scott St and Perry St, 59' before (s of) Pole # 144 and 65' north of Perry St
20K	On Washington St at north edge of rear Driveway of the "Courtyard Marriott" and south edge of bridge, north of the I-190 South On Ramp, south of Exchange St
13 Miles	Franklin St exactly at Pole # 127 (between Court St and Niagara St)
FINISH	On Franklin St at the Buffalo Convention Center, 153 Franklin St, and mid-island of Genesee St intersect and 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