

# Queen City Half Marathon - Alternate

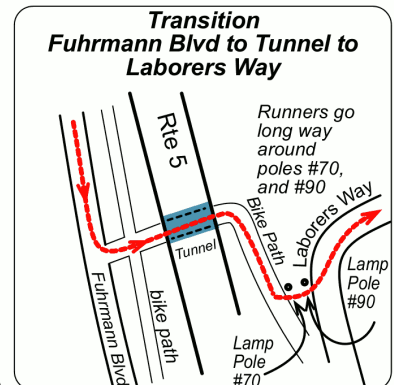
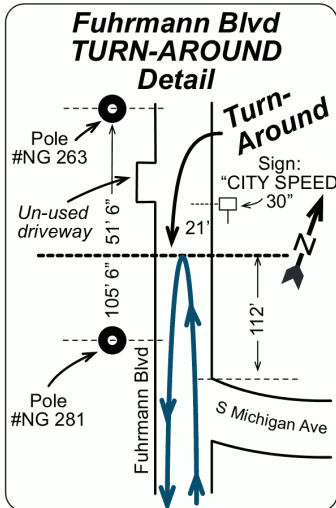
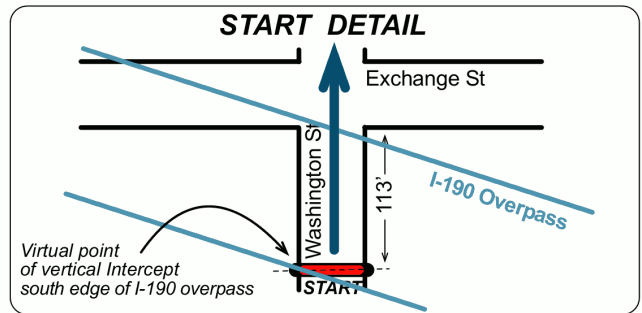
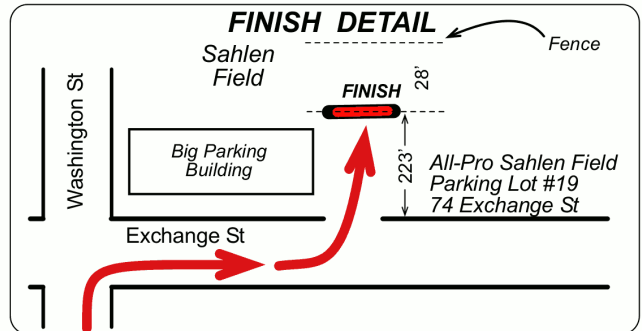
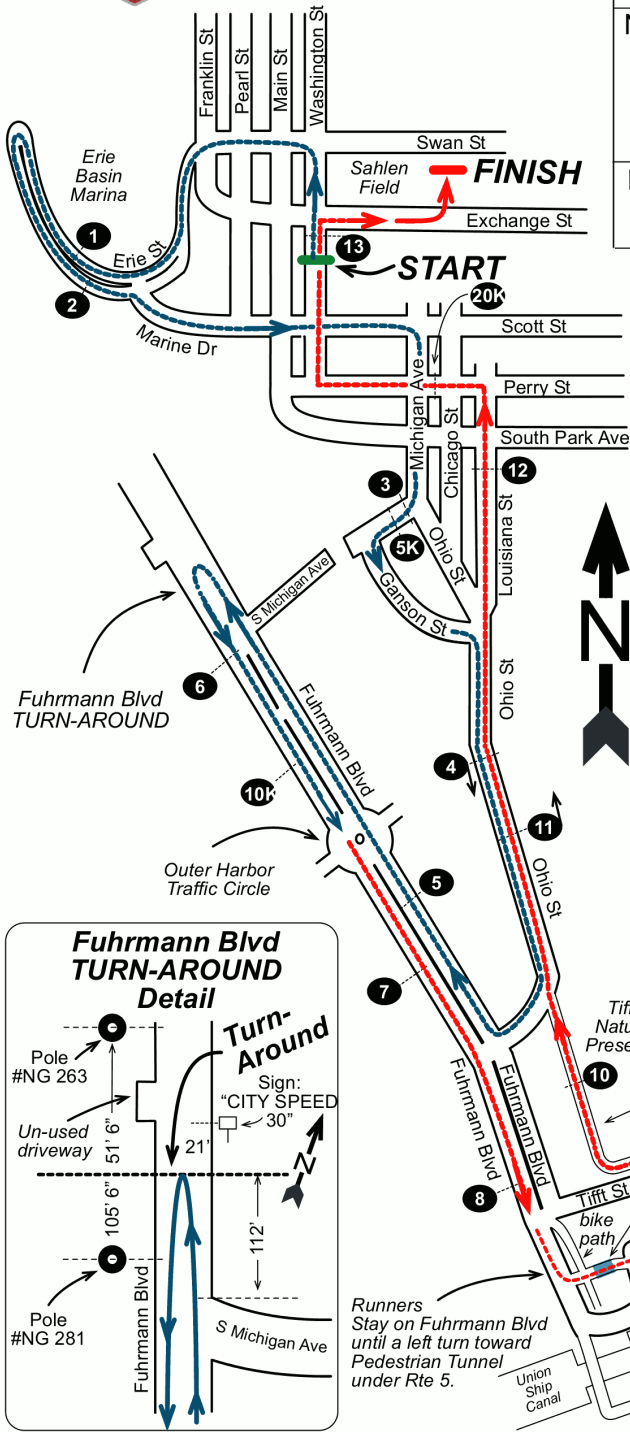
## Buffalo, NY



**Certified Course**  
**NY19014JJ**

Effective: 7/25/2019  
Through: 12/31/2029

Course Distance:	21.0975 km (Half Marathon)
Date Measured:	June 3, 2019, Adj: July 25, 2019
Measured By:	Jeff John <b>BuffaloRunners.com</b>
Calibration Course:	NY15045JJ
Notes:	Runners may have use of entire road surface except where a median is present (Erie St), then runners stay to the right. Maps not to scale. Original course: NY19011JJ
Legend:	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #0056b3; margin-right: 5px;"></div> First half of course         </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 10px; background-color: #ff0000; margin-right: 5px;"></div> Last half of course         </div>





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

# *Measurement Certificate*



Name of the course Queen City Half Marathon - Alternate Distance 21.0975 Km  
 Location (state) NY (city) Buffalo  
 Type of course: road race  calibration course   
 Measuring method: bicycle  steel tape  electronic distance meter   
 Measured by (name, address, phone & e-mail) Jeff John, Box 608, Amherst NY 14226  
(716) 982-4779, RaceMeasure@BuffaloRunners.com  
 Race contact (name, address, phone & e-mail) Dan Horan  
(716) 830-6703 info@eclipsemultisport  
 Date(s) when course measured: June 3, 2019, July 25, 2019  
 Number of measurements of entire course: 2 Course Configuration: Complex of Loops  
 Elevation (meters above sea level) Start 181.4 Finish 178.6 Highest 187.5 Lowest 176.2  
 Straight line distance between start & finish 170 m Drop 0.13 m/km Separation 0.81 %  
 Type of surface: paved 99.92 % dirt - % gravel - % grass 0.08 % track - %  
 Effective date of certification: July 25, 2019 Certification code: NY19014JJ

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*** **2029**

**AS NATIONALLY CERTIFIED BY:**

*Jeffrey John*

Date: July 25, 2019

Jeff John – USATF/RRTC Certifier  
Box 608 Amherst NY 14226

(716) 982-4779

RaceMeasure@BuffaloRunners.com

**NY19014JJ**  
**Queen City Half Marathon - Alternate**  
**START, FINISH, Mile Splits & 5K Splits**

START	Washington St, 113 feet south of Exchange St, and directly under south edge of I-190 overpass at point of vertical intercept at west edge of Washington St.
1 MILE	On Erie St at "the Hatch" and "William K's", and mid-driveway to parking on right, and 10' past (north of) lamp pole 10.
2 MILE	Erie St, runners are eastbound, between Erie Basin Marina Guard House and Templeton Terrace, and 33' past (east of) lamp pole 3
3 MILE	Michigan Ave, past intersect with Ohio St, before the vertical lift bridge, and 23' past Lamp Pole # 155 and 9' before lamp pole #9.
5 Km	54 S Michigan Ave past the Michigan Ave vertical lift bridge and 201 feet before reaching Ganson St and at center of General Mills Loading Dock "Door #2".
4 MILE	On Ohio St south of Ganson St and 14 feet before (north of) pole #NG 614.
5 MILE	Fuhrmann Blvd 42 feet past (north of) pole NG 764.
T/A	On Fuhrmann Blvd, 150 feet north of S. Michigan St, and 21 feet south of sign "CITY SPEED LIMIT 30", and 51' 6" south of power pole # NG 263, and 105' 6" north of power pole # NG 281.
6 MILE	On Fuhrmann Blvd, runners traveling south, south of S. Michigan Ave, and 52 feet north of Power Pole # NG 297.
10 km	On Fuhrmann Blvd, south of S. Michigan Ave, and 81 feet north of median-based Lamp Pole # 421.
7 MILE	On Fuhrmann Blvd, 57 feet north of median-based Lamp Pole # 801.
8 MILE	On Fuhrmann Blvd, 36 feet north of median-based Lamp Pole # 1351.
9 MILE	Laborers Way 25 feet past (east of) Lamp Pole #251.
15 km	At beginning of Bike Path at the intersection of Tiff St and Ship Canal Pkwy and exactly at power pole # NG 216.
10 MILE	On the Bike Path parallel to HWY 5, 91 feet north of (past) pole # NG 1388.
11 MILE	710 Ohio St (1/4 mile south of Ganson St), 45 feet south of pole # NG 720.
12 MILE	Near 325 Louisiana St, 70' south of South Park Ave, and 12' before (south of) power pole # NG 365.
20 km	On Perry St between Michigan Ave and Marvin St, at the Casino Parking Bldg, and 15' past (west of) Lamp pole # 223.
13 MILE	On Washington St 60 feet south of intersect with Exchange St and 36 feet south of hydrant.
FINISH	At the back (north end) of the Sahlen field parking area at 74 Exchange St, and 28' south of green chain link fence post, and 18' south of round man hole cover and 19' north of big flag pole, and 223 feet north of Exchange St.