



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



Name of the course Resurgence Half Marathon Distance 21.0975 km  
Location (state) NY (city) Buffalo  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Jeff John - Box 608 - Amherst, NY 14226 - (716) 982-4779 - RaceMeasure@BuffaloRunners.com  
Race Contact Dan Horan - (716) 830-6713 - info@eclipsemultisport.com  
Date(s) when course measured: 03/12/2020  
Number of measurements of entire course: 2 Course Configuration: same out/back  
Elevation (meters above sea level) Start 177.39 Finish 177.70 Lowest 176.48 Highest 179.53  
Straight line distance between start and finish 54.86 m Drop -0.01 m/km Separation 0.26 %  
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %  
Effective date of certification: March 23, 2020 Certification code: NY20003JJ

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:*** **2030**

*Jeffrey D John*

**AS NATIONALLY CERTIFIED BY:**

Date: March 23, 2020

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

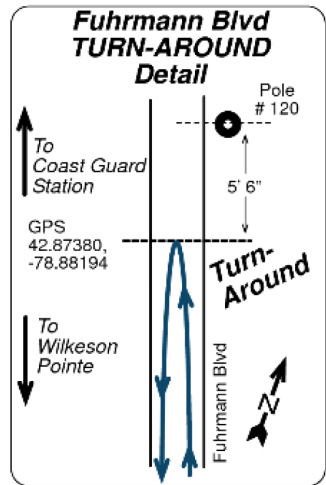
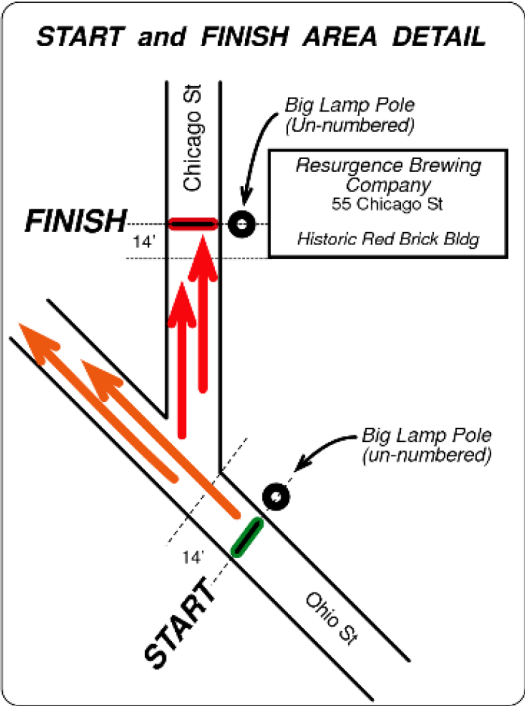
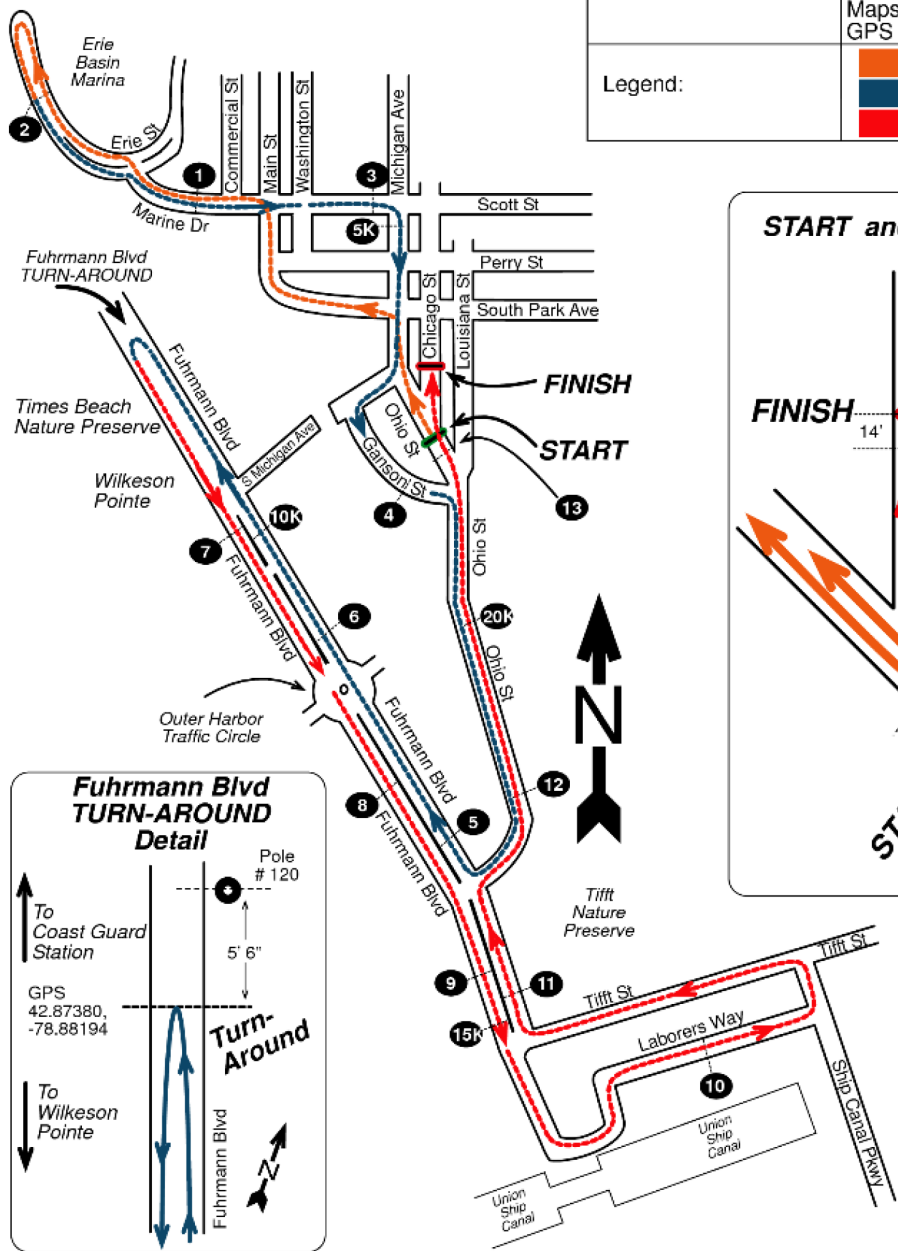
# Resurgence Half Marathon

## Buffalo, NY



**USATF Certificate**  
NY20003JJ  
Effective: 03/23/2020  
Through: 12/31/2030

Course Distance:	21.0975 km (Half Marathon)
Date Measured:	March 12, 2020
Measured By:	Jeff John <b>BuffaloRunners.com</b>
Calibration Course:	NY15045JJ
Notes:	This course was measured using the full width of the road and the Shortest Possible Route (SPR). Where a median is present (Erie St, and Fuhrmann Blvd) runners stay to the right. Maps not to scale. GPS coordinates use datum WGS84.
Legend:	<div><div>First 2 Miles of course</div><div>Middle Miles</div><div>Final 6 Miles of course</div></div>



Splits on  
Map Page 2

## ***Resurgence Half Marathon***

### **START, FINISH, and Intermediate Splits**

<b>START</b>	Ohio St at the vertical center of the 1st big lamp pole south of the intersection with Chicago St, 14 feet south of Chicago St.
<b>1 MILE</b>	Marine Dr, in-line with the bow of the USS The Sullivans (DD-537), and 54' past (north of) pole # 11.
<b>2 MILE</b>	Erie St, within the Erie Basin Marina, runners are exiting Marina, 39' past (south of) pole # 26.
<b>3 MILE</b>	Scott St, past the Buffalo News Bldg, near the HSBC Service Entrance, and 108' past (east of) pole # 176.
<b>5K</b>	On Michigan Ave, before Perry St, past Scott St, and 63' past (south of) pole # 176.
<b>4 MILE</b>	On Ganson St, past (south of) ADM Milling (250 Ganson), and 36' past pole # NG 187.
<b>5 MILE</b>	Fuhrmann Blvd just past the I-190 overpass tunnel, and 36' past (north of) median based pole # 986-1.
<b>6 MILE</b>	Fuhrmann Blvd, past the big traffic circle and before Bell Slip, and 57' past pole # 445-1.
<b>10K</b>	Fuhrmann Blvd, 120' before reaching the northern entrance to the Events Area.
<b>T/A</b>	Fuhrmann Blvd, north of Wilkeson Pointe, south of the CG station, 5' 6" south of lamp pole 120 and 40' north of pole NG 126, <b>GPS 42.87380, -78.88194.</b>
<b>7 MILE</b>	Fuhrmann Blvd near north entrance to Events Area, past S Michigan Ave, and 66 feet past pole NG 309.
<b>8 MILE</b>	Fuhrmann Blvd past the Bike Park, and 48 feet before pole 827, and before reaching the 3 rebar cylindrical towers.
<b>9 MILE</b>	Fuhrmann Blvd at Gallagher Beach, and 81 feet past pole 1361-1.
<b>15K</b>	Fuhrmann Blvd 129 feet before (north of) Tifft St, and 36 feet past (south of) pole 1543.
<b>10 MILE</b>	Laborers Way, 22 feet past (east of) pole 148 and 60 feet before (west of) pole 155.
<b>11 MILE</b>	1515 Fuhrmann Blvd (South End Marina), north of Tifft St, 30 feet past lamp pole 1525-1.
<b>12 MILE</b>	Ohio St 132 meters past Fuhrmann Blvd on south end of rise toward RR overpass, and 27 feet past lamp pole 861.
<b>20K</b>	658 Ohio St (Rigidized Metals) mid driveway of the truck entrance, south of Ganson St and north of Fuhrmann Blvd.
<b>13 MILE</b>	Ohio St, between South St and Chicago St, and 116.32 meters north of Dead Creek decorative bridge.
<b>FINISH</b>	FINISH at 55 Chicago St (Resurgence Brewery), at the vertical center of the big lamp pole, and 14 feet past (north of) the south edge of the rectangular red brick bldg of 55 Chicago St.