



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



Name of the course Jack O'Lantern 2021 Distance 5 km
Location (state) NY (city) Niagara Falls
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 Chris Titta - 800 Buffalo Ave, Niagara Falls, NY 14303 - 716-282-1228
Date(s) when course measured: 08/29/2021
Number of measurements of entire course: 2 Course Configuration: Keyhole
Elevation (meters above sea level) Start 170.69 Finish 170.69 Lowest 162.46 Highest 174.96
Straight line distance between start and finish 0.0000 km Drop 0.00 m/km Separation 0.00 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: October 1, 2021 Certification code: NY21008JJ

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: **2031**

AS NATIONALLY CERTIFIED BY:

Date: October 1, 2021

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

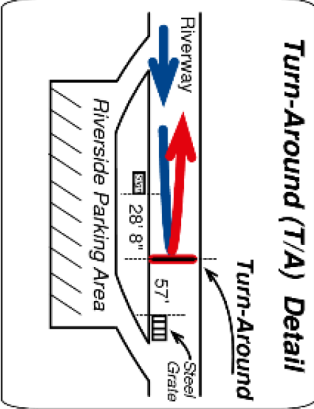
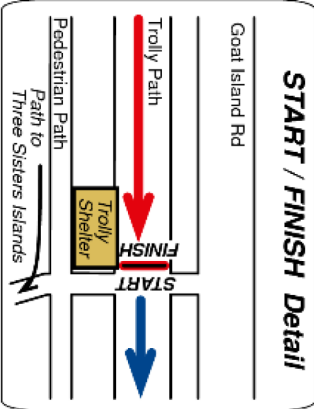


USATF Certificate
NY21008JJ
Effective: 10/01/2021
Through: 12/31/2031

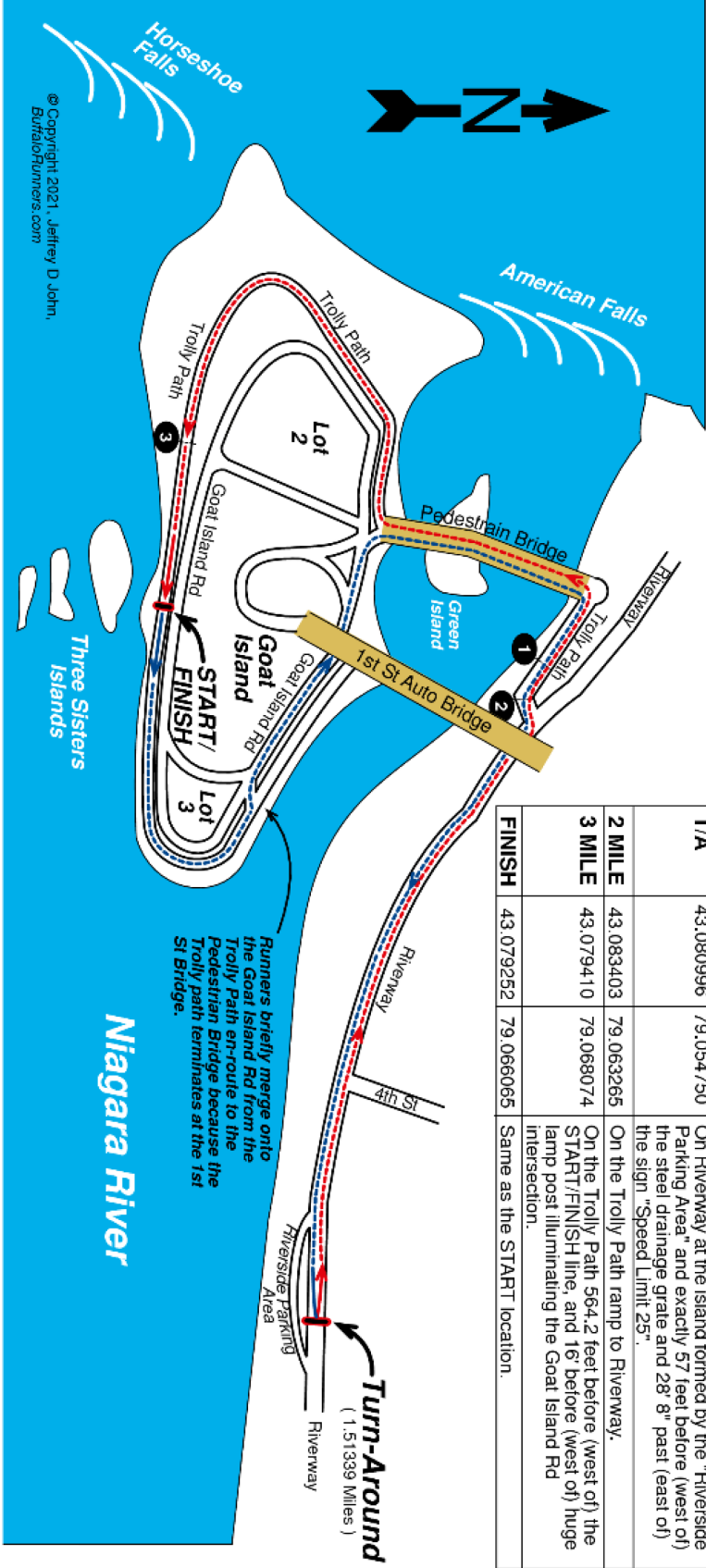
Jack O'Lantern 2021

Niagara Falls, NY

Course Distance:	5 Km
Date Measured:	August 29, 2021
Measured By:	Jeff John, BuffaloRunners.com
Calibration Course:	NFHS, NY18006JJ
Notes:	1. This course was measured using the full width of the road and the Shortest Possible Route (SPR). 2. GPS coordinates use datum WGS84.



SPLIT	GPS LAT	GPS LON	DESCRIPTION
START	43.079252	79.066065	On the Trolley Path and exactly in-line with the eastern edge of the east side vertical support post of the Niagara Scenic Trolley shelter at 3 Sisters.
1 MILE	43.083717	79.063791	On the Trolley Path ramp to Riverway, between the 4th and 5th lamp posts running east from the pedestrian bridge.
T/A	43.080996	79.054750	On Riverway at the island formed by the "Riverside Parking Area" and exactly 57 feet before (west of) the steel drainage grate and 28' 8" past (east of) the sign "Speed Limit 25".
2 MILE	43.083403	79.063265	On the Trolley Path ramp to Riverway.
3 MILE	43.079410	79.068074	On the Trolley Path 564.2 feet before (west of) the START/FINISH line, and 16' before (west of) huge lamp post illuminating the Goat Island Rd intersection.
FINISH	43.079252	79.066065	Same as the START location.



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