



2016 Winter Warrior Half Marathon, Rochester Tech Park, Gates, New York

3.277345 Miles Loop X 4 = 13.10938 miles (Half Marathon 21.0975 km)

Measured on: November 21 & December 20, 2015 - By: Kevin P. Lucas - 585-421-9626

Measured Marks & Elevations:

Start/Finish @ 592 feet elev: on Rochester Tech Park Rd at 771-777 Elmgrove North entrance, at stop sign on North side of rd

1 Mile @ 588 feet elev: on Rochester Tech Park Road between Manitou & Les Harrison West, 18 feet 2" South of red fire hydrant #6 on East side of road

2 Mile @ 585 feet elev: on Creative Drive West of Innovation Way at median break, 27 feet 10" East of pole on West median

NY15141KL

Effective

12/22/2015 to

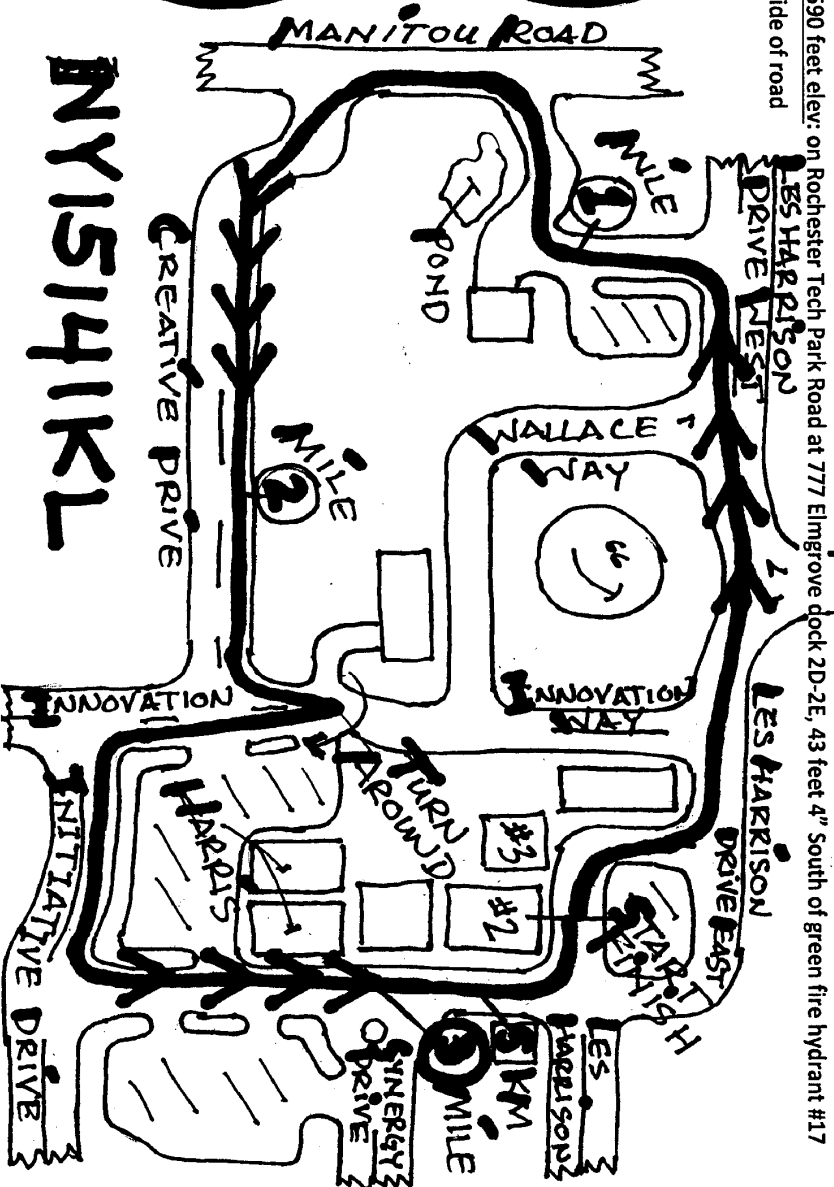
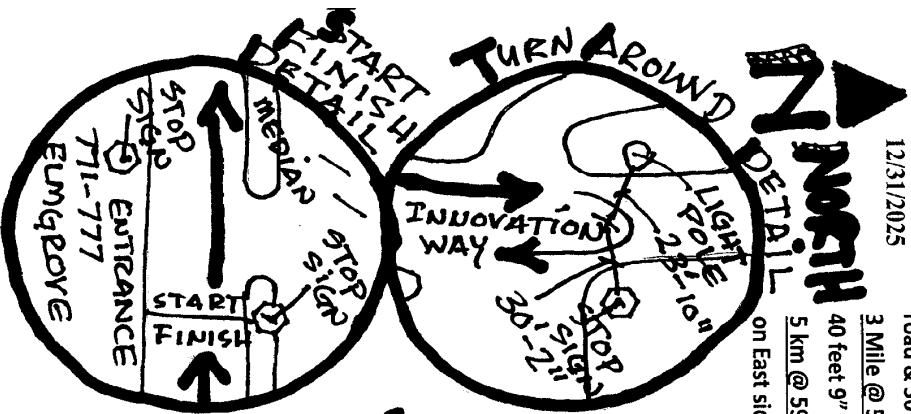
12/31/2025

Turn-Around @ 591 feet elev: on Innovation Way North of Creative Drive, 23 feet 10" East of light pole on West side of the road & 30 feet 2" West of street/stop sign on East side of road (at Surplus Switches bldg.)

3 Mile @ 590 feet elev: on Rochester Tech Park Road at Synergy Drive circle & main entrance doors to 779-903 Elmgrove, 40 feet 9" North of green fire hydrant #15 on East side of road

5 km @ 590 feet elev: on Rochester Tech Park Road at 777 Elmgrove dock 2D-2E, 43 feet 4" South of green fire hydrant #17 on East side of road

5 km @ 590 feet elev: on Rochester Tech Park Road at 777 Elmgrove dock 2D-2E, 43 feet 4" South of green fire hydrant #17 on East side of road



NY15141KL



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course 2016 Winter Warrior Half Marathon Distance 21.0975 km
 Location (state) New York (city) _____ Gates _____
 Type of course: road race calibration track Configuration: 4 X loop
 Type of surface: paved 100 % dirt _____ % gravel _____ % grass _____ % track _____ %
 Elevation (meters above sea level) Start 180 Finish 180 Highest 163 Lowest 152
 Straight line distance between start & finish 0 meters Drop 0 m/km Separation 0 %
 Measured by (name, address, phone & e-mail) Kevin P. Lucas, 94 South Ridge Trail, Fairport, NY
14450-3843, 585-421-9626, & k_p_lucas@frontiernet.net
 Race contact (name, address, phone & e-mail) Boots, YellowJacket Racing,
155 Culver Road, Suite 110, Rochester, NY 14620-1678, 585-732-1090
 Measuring Methods: bicycle steel tape electronic distance meter
 Number of measurements of entire course: 2 Date(s) when course measured: Nov. 21 & Dec. 20, 2015
 Race date: January 9, 2016 Course certification effective date: December 22, 2015
 Certification code: NY15141KL

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 **2025**

AS NATIONALLY CERTIFIED BY:

 Kevin P. Lucas – USATF/BRTC Certifier Date: December 22, 2015
 94 South Ridge Trail, Fairport, NY 14450-3843, 585-421-9626, & k_p_lucas@frontiernet.net

Certified Loop Drop Separation
 3.2773450 miles 0 0