



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

# **Measurement Certificate**



Name of the course Delaware Half Marathon 2022 Alternate Distance 21.0975 km

Location (state) DE (city) Wilmington

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Nathan Porch, 1309 Park Ave., Ste 4R, Baltimore, MD 21217, 856.803.7678, nathan@getsetgoconsulting.com

Race Contact Lee C, 6725 Santa Barbara Ct., Ste 114, Elkridge, MD 21075, 410.605.9381, lee@corrigansports.com

Date(s) when course measured: 03/29/2022

Number of measurements of entire course: 2 Course Configuration: Multiple Out & Back

Elevation (meters above sea level) Start 2.00 Finish 2.00 Lowest 1.00 Highest 21.00

Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %

Type of surface: Paved 94 % Dirt 0 % Gravel 0 % Grass 0 % Track 6 %

Effective date of certification: March 30, 2022 Certification code: DE22002NP

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:*** **2032**



**AS NATIONALLY CERTIFIED BY:**

Date: March 30, 2022

Nathan Porch - USATF/RRTC Certifier - 1309 Park Ave, Ste 4R, Baltimore MD 21217  
(856) 803-7678 - Nathanporch@gmail.com



# DELAWARE

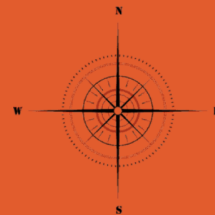
## HALF-MARATHON



2022 Alternate

21.0975km=13.1093mi  
Wilmington, Delaware  
39°44' 12.79", -75° 33' 9.12"

Route line represents measurement along the Shortest Possible Route  
Runner has full access to the course route unless otherwise noted  
Notations are in relation to the runner's direction of travel  
Measurement assumes no parked cars on course  
Majority of course is on the Jack A. Markell Trail  
This Official Course Map may not be altered  
Measurement assumes a single runner  
Mile locations are not certified  
Map is not to scale



Measured on:  
March 29<sup>th</sup>, 2022

Measurement & Map by:  
**Nathan Porch**





## Split Descriptions

**Start: 39°44' 12.79", -75° 33' 9.12"**

On Rosa Parks Dr. heading NW  
A) 5' after street lamp at crosswalk  
B) 16'5" S of (telephone line) manhole cover

**Mile 1: 39°43'42.57", -75°33'42.28"**

On Jack A Markell Trail (JAMT) heading South  
even with "We Can Share the Earth" info board

**Mile 2: 39°43'16.57", -75°34'22.85"**

On JAMT heading West  
195' before end of boardwalk

**Mile 3: 39°42'34.34", -75°34'45.58"**

On JAMT heading South  
NO PHYSICAL LANDMARK

**Mile 4: 39°41'49.31", -75°34'55.60"**

ON JAMT heading SE  
Even with the 7<sup>th</sup> upright wooden fence post

**Mile 5: 39°41'2.64", -75°34'33.61"**

On JAMT heading South  
Behind 46 Lunenburg Dr.

**Mile 6: 39°40'26.46", -75°34'22.21"**

On Luray Rd heading SE  
Even with "Heritage Cablevision" box  
between house #41 & 43

**Turnaround: 39°39'50.78", -75°34'22.46"**

Approaching from the West  
Even with the East edge of the 15<sup>th</sup> parking block  
from the trailhead  
Distance at T/A: 6.81

**Mile 7: 39°40'0.17", -75°34'26.72"**

On JAMT heading North  
30' after the wooden railing

**Mile 8: 39°40'52.16", -75°34'32.41"**

On JAMT heading North  
behind #29 Lesley Ln.

**Mile 9: 39°41'42.53", -75°34'45.31"**

On JAMT heading NW  
behind driveway for #14 Robinson Dr.

**Mile 10: 39°42'23.94", -75°34'47.35"**

On JAMT heading North  
NO PHYSICAL LANDMARK

**Mile 11: 39°43'14.38", -75°34'36.08"**

On JAMT heading East  
30' after end of black fence

**Mile 12: 39°43'32.08", -75°33'42.75"**

On JAMT heading North  
45' before metal gates

**Mile 13: 39°44'12.97", -75°33'17.61"**

On JAMT heading East  
Behind patio of 101 S. Market St.

**Finish: Same as Start**

Approaching from the West