



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

Measurement Certificate



Name of the course Pittsburgh Marathon - 2022 Alternate Distance 42.195 km
Location (state) PA (city) Pittsburgh
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Nick Hubal, 810 River Ave, Ste 120, Pittsburgh, PA 15212, 412.586.7785, nick.hubal@p3r.org
Race Contact Brian Schmidt, 810 River Ave, Ste 120, Pittsburgh, PA 15212, 412.586.7785, brian.schmidt@p3r.org
Date(s) when course measured: 03/25/2022
Number of measurements of entire course: 2 Course Configuration: Partial Loop
Elevation (meters above sea level) Start 225.30 Finish 224.20 Lowest 217.80 Highest 299.30
Straight line distance between start and finish 787m Drop 0.03 m/km Separation 1.87 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: April 20, 2022 Certification code: PA22006NP

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: April 25, 2022

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

**PITTSBURGH MARATHON - 2022 Alternate
PITTSBURGH, PENNSYLVANIA**

COURSE LAYOUT

Runners may run on either side of road as shortest possible route. The course was measured six inches from all curves and curbs. All references i.e. before and after, are relative to the way the runners are proceeding on the course at that point in the race.

ELEVATIONS

Start - 225.3 m
Finish - 224.2 m
Highest - 299.3 m
Lowest - 217.8 m

MEASUREMENT DATES:
March 25, 2022

March 25, 2022

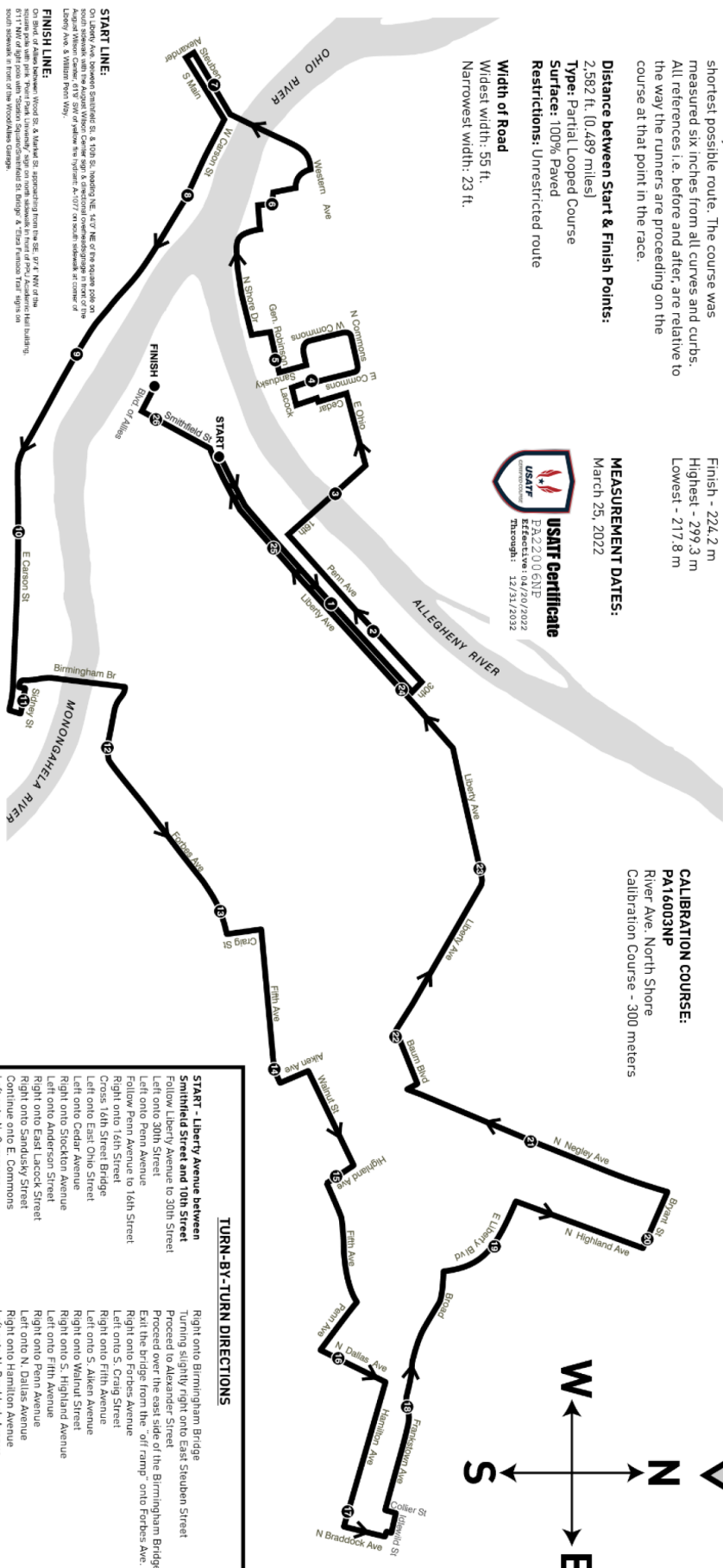


RACE CONTACT

810 River Ave. Suite 1200
Pittsburgh, PA 15212
412-586-7785
brian.schmidt@p3r.org

MEASURED BY:

810 River Ave. Suite 120
Pittsburgh, PA 15212
412-586-7785
nick.hubal@p3r.org



TURN-BY-TURN DIRECTIONS

Right onto Birmingham Bridge
 Turning slightly right onto East Steven Street
 Proceed to Alexander Street
 Proceed over the east side of the Birmingham Bridge
 Exit the bridge from the 'off' ramp onto Forbes Ave.
 Right onto Forbes Avenue
 Left onto 5, Craig Street
 Right onto Fifth Avenue
 Left onto 5, Aiken Avenue
 Right onto Walnut Street
 Right onto 5, Highland Avenue
 Left onto Fifth Avenue
 Right onto Penn Avenue
 Left onto N, Dallas Avenue
 Right onto Hamilton Avenue
 Left onto N, Braddock Avenue
 Continue right on N, Braddock Avenue
 Continue onto Idlewild Street
 Left onto Collier Street
 Right onto Frankstown Avenue
 Right onto E, Liberty Boulevard
 Right onto N, Highland Avenue
 Left onto Bryant Street
 Left onto N, Negley Avenue
 Right onto Roup Avenue
 Left onto Baum Boulevard
 Right onto Liberty Avenue
 Follow Liberty Avenue into downtown
 Right on to Liberty Avenue at Grant Street intersection
 Left onto Smithfield St.
 Follow onto the Boulevard of the Allies
 Follow the Boulevard of the Allies to the finish line
FINISH - on the Boulevard of the Allies
 Between Wood Street and Market Street

[illegible]