

Road Running Technical Council USA Track & Field Measurement Certificate



Name of the course Pittsburgh Marathon - 2022 Alternat	te 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, Pittsburg	gh, PA 15212, 412.586.7785, nick.hubal@p3r.org
Race Contact Brian Schmidt, 810 River Ave, Ste 120, Pittsb	urgh, 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 Co	onfiguration: Partial Loop
Elevation (meters above sea level) Start 225.30 Finish 22	24.20 Lowest 217.80 Highest 299.30
Straight line distance between start and finish 787m	Drop <u>0.03</u> m/km Separation <u>1.87</u> %
Type of surface: Paved 100 % Dirt 0 % Gravel 0	<u>%</u> Grass <u>0</u> % Track <u>0</u> %
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:

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

Date: April 25, 2022

START LINE: On Liberty Ave. between FINISH LINE: Reedsdale St. at Sproat Way Fulton St. between Ridge Ave. & Western Ave. liberty Ave. between 10th St. & Smithfield S between Smithfeld St. & 10th St. heading NE. 14'0' NE of the square pole on rush the August Wison Cemier sign 6, directional overheadsignage in front of the Cemier, 61'9' SW of yellow the Instrant A-1077 on south sidewalk at comer of William Ponn Way. Narrowest width: 23 ft. Widest width: 55 ft. Width of Road Restrictions: Unrestricted route Surface: 100% Paved 2,582 ft. (0.489 miles) Distance between Start & Finish Points: course at that point in the race. the way the runners are proceeding on the All references i.e. before and after, are relative to measured six inches from all curves and curbs. shortest possible route. The course was Runners may run on either side of road as COURSE LAYOUT stnut St. between Progress St. & Carpenter Way Jusky St. at Stockton Ave. Type: Partial Looped Course s Ave. between Birmingham Bridge & Blvd. of Allies over, s Ave. prior to Coltart Ave. PITTSBURGH, PENNSYLVANIA PITTSBURGH MARATHON - 2022 Alternate 27th St. & 26th St. Schenley Dr. Extension & S. Bollefield Ave 3' past yellow fire hydrant F-232 on left 28' before wood pole 346588 on left 6' before carner of brick house on left, address 2314 Sidney St. metal pole 176020 on right FINISH Blug orkers Local #3 Building (23 March 25, 2022 Lowest - 217.8 m Start - 225.3 m **ELEVATIONS** MEASUREMENT DATES: Highest - 299.3 m Finish - 224.2 m Mile 20 Br Mile 21 N. Effective: 04/20/2022 Through: 12/31/2032 Mile 15 N. Dallas Ave. between Meade St & Lark Way Mile 17 Hamilton Ave. between Collier St. & N. Braddock Ave. Mile 18 Frankstown Ave. past Genritt St. **USATF Certificate** E. Liberty Blvd. between Larimer Ave. & Negley Run Blvd. Bryant St. between Millbrae Way & N. Euclid Ave. N. Negley Ave. in middle of interesection of Rippey Pl. Beum Blvd. past Roup Ave. iberty Ave. between 20th & 17th St. ALLEGHENY RIVER MONONGAHELA cation - all directions are from a runners perspective 20' before silver light pole SL33544 1' past silver light pole SL26227 on left (in front of Bryant St. Market at wood light pole \$134625 on left 33' before silver light pole \$147997 on right. 39" before black pole \$L48695 on right infront of Frediani Printing Co 9" before silver light pole SL46632 on right w/ "Shadyside Business District" Sign 9' before silver light pole 149143 on left see description above* Calibration Course - 300 meters brian.schmidt@p3r.org 412-586-7785 810 River Ave. Suite 120 River Ave. North Shore PA16003NP CALIBRATION COURSE: Pittsburgh, PA 15212 Brian Schmidt RACE CONTACT Right onto Federal Street Right onto West General Robin: Right onto Mazeroski Way Right onto North Shore Drive Left onto Casino Drive Left onto East Ohio Street Left onto Cedar Avenue Right onto Stockton Avenue Left onto Anderson Street Right onto East Lacock Street Left onto Western Avenue Follow Western Avenue to West End Bridge Proceed over West End Bridge Left onto Alexander Street Left onto South Main Street Right onto Fontella Street Left onto Ridge Avenue Right onto Sproat Way Left onto Reedsdale Street Right onto West Carson Street Left onto S. 24th Street Left onto Sidney Street Continue onto Fulton Street Right onto Sandusky Street Continue onto E. Commons START - Liberty Avenue between eft onto S. 23rd Street eft onto W. Commons Cross 16th Street Bridge Right onto 16th Street ollow Penn Avenue to 16th Street Smithfield Street and 10th Street ollow Liberty Avenue to 30th Street eft onto 30th Street Pittsburgh, PA 15212 412-586-7785 nick.hubal@p3r.org 810 River Ave. Suite 120 Nick Hubal MEASURED BY: TURN-BY-TURN DIRECTIONS Right onto Birmingham Bridge Turning slightly right onto East Steuben Street Proceed to Alexander Street Proceed over the east side of the Birmingham Bridge Exit the bridge from the "off ramp" onto Forbes Ave. Exit onto Forbes Avenue Left onto 5. Graig Street Dent onto Forbes Avenue Left onto Collier Street Right onto Frankstlown Avenue Right onto E. Liberty Boulevard Right onto N. Highland Avenue Left onto Bryant Street Left onto N. Negley Avenue Right onto Fifth Avenue Left onto S. Alken Avenue Right onto Walnut Street Right onto S. Highland Avenue Left onto Fifth Avenue FINISH - on the Boulevard of the Allies between Wood Street and Market Street Right onto the Boulevard of the Allies Follow the Boulevard of the Allies to the finish line Right on to Liberty Avenue at Grant Street intersection Left onto Smithfield St. Right onto Liberty Avenue Follow Liberty Avenue into downtow Right onto Roup Avenue Left onto Baum Boulevard Continue onto Idlewild Street Right onto Hamilton Avenue Left onto N. Braddock Avenue Continue right on N. Braddock Right onto Penn Avenue Left onto N. Dallas Avenue Ш