



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



Name of the course PDR HMar 2023 Distance 21.0975 km  
Location (state) PA (city) Philadelphia  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Dan Brannen, 4 Strawberry Lane, Morristown, NJ 07960, danbrannen@earthlink.net, 973-214-1500  
Race Contact Barb McKeever, 4018 Pilgrim Rd., Plymouth Meeting, PA 19462; bmckeever8@gmail.com; 215-219-1992  
Date(s) when course measured: 07/05/2023, 07/26/2023, 08/02/2023  
Number of measurements of entire course: 2 Course Configuration: keyhole/out-&-back  
Elevation (meters above sea level) Start 9.00 Finish 14.00 Lowest 6.40 Highest 15.00  
Straight line distance between start and finish 359m Drop -0.24 m/km Separation 1.70 %  
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %  
Effective date of certification: August 2, 2023 Certification code: PA23004DB

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:*** **2033**

**AS NATIONALLY CERTIFIED BY:**

Date: August 21, 2023

Dan Brannen - USATF/RRTC Certifier - 4 Strawberry Lane, Morristown NJ 07960  
(973) 214-1500 - danbrannen@earthlink.net

