



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



Name of the course Ambler Frostbite Snow Route 5M 2023 Distance 5 mi
Location (state) PA (city) Ambler
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 Ira Meyers, P.O. Box 204, Springhouse, PA 19477; frostbite@aarclub.com; 215-813-8930
Date(s) when course measured: 01/30/2023
Number of measurements of entire course: 2 Course Configuration: Figure 8
Elevation (meters above sea level) Start 95.00 Finish 91.00 Lowest 60.00 Highest 97.00
Straight line distance between start and finish 187m Drop 0.50 m/km Separation 2.30 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: January 30, 2023 Certification code: PA23002DB

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: February 12, 2023

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

Ambler Frostbite Snow Route 5M 2023

Measured on the full width of the roads, using the Shortest Possible Route (SPR). Measured by Dan Brannen, January 30, 2023.
danbrannen@earthlink.net



USATF Certificate

PA23002DB
Effective: 01/30/2023
Through: 12/31/2023

START, FINISH, and MILE MARKS:

START: On Houston Rd. alongside Wissahickon H.S. building; SW of Dager Rd. 62' NE of util pole 31618D and 85' SW of util pole 31617D.

FINISH: On entry/exit access roadway to Wissahickon H.S. parking lot. There are 5 grass islands on SW side of roadway; FINISH is alongside 3rd grass island, 36' SE of NW edge of said island and 1' NW of SE edge of said island.

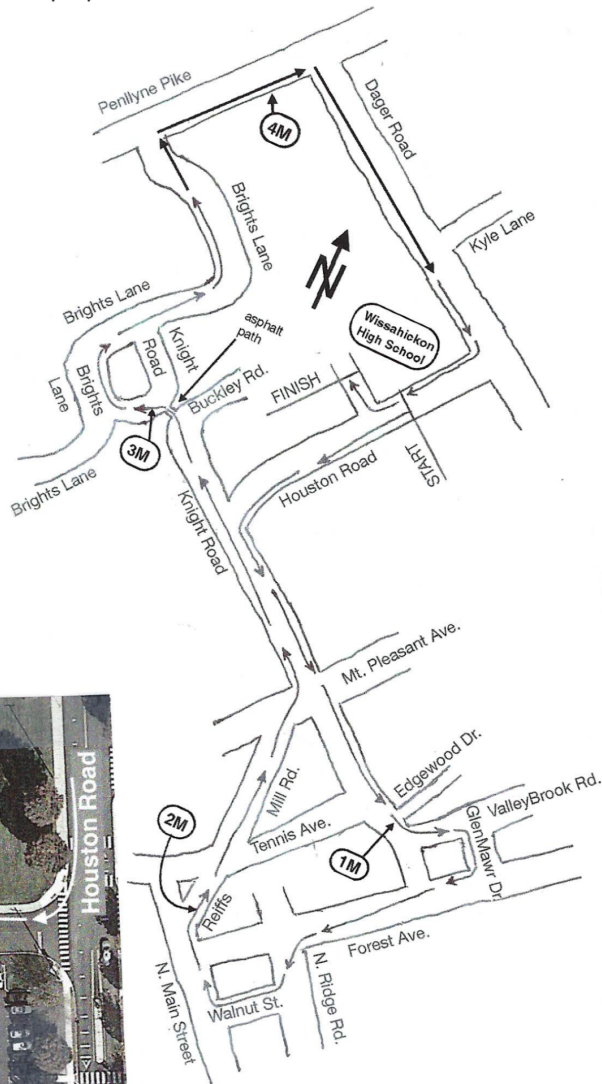
(The following are described relative to running direction)

1M: On Hendricks St. at intersection with Edgewood Dr. 38' before util. pole 56550, which is on Left side just past Edgewood.

2M: On Reiff's Mill Rd. between N. Main & Tennis. 57' past util. pole 8715, which is on Right side.

3M: On Knight Rd. just after left turn off of asphalt ped path and just before Buckley Cir. 2' past driveway to #716 Knight Rd., which is on Right side.

4M: On Penlyne Pike just before Sturgis Ln. 6' past util. pole 106, which is on Right side.



FINISH Line Diagram:



START Line Diagram

