



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

# **Measurement Certificate**



Name of the course Halloween 2-Loop HMar '21 Distance 21.0975 km

Location (state) NJ (city) Morris Township

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 Heather McDermott, 2 Glenwood Rd., Morristown, NJ 07960; gardiner\_hec@hotmail.com; 860-978-4069

Date(s) when course measured: 09/4, 10/15, 10/16, 10/18

Number of measurements of entire course: 3 Course Configuration: Double Loop

Elevation (meters above sea level) Start 100.00 Finish 100.00 Lowest 75.00 Highest 118.00

Straight line distance between start and finish 78m Drop 0.00 m/km Separation 0.37 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: October 19, 2021 Certification code: NJ21005DB

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:*** **2031**

**AS NATIONALLY CERTIFIED BY:**

Date: October 26, 2021

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

**Halloween 2-Loop HMar '21  
Morris Township, NJ**

Measured on the full width of the road using the Shortest Possible Route (SPR), except for one segment as indicated on Woodland Rd. Measured by Dan Brannen, on Sept. 4, Oct. 15, 16, 18, 2021. danbrannen@earthlink.net



**USATF Certificate**

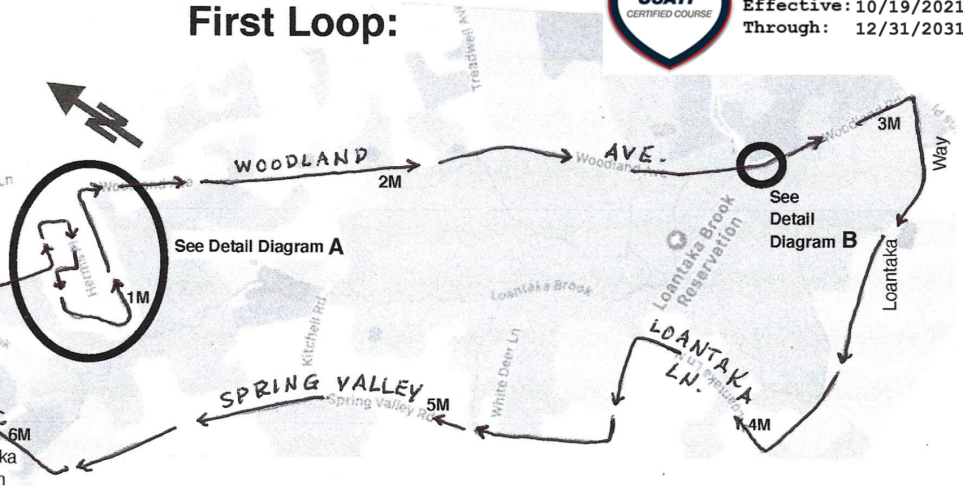
NJ21005DB  
Effective: 10/19/2021  
Through: 12/31/2031

**First Loop:**

START: on Fanok, 17' N of light pole 50S S29, and 356' N of first storm drain proceeding S on Fanok

**COURSE NARRATIVE:**

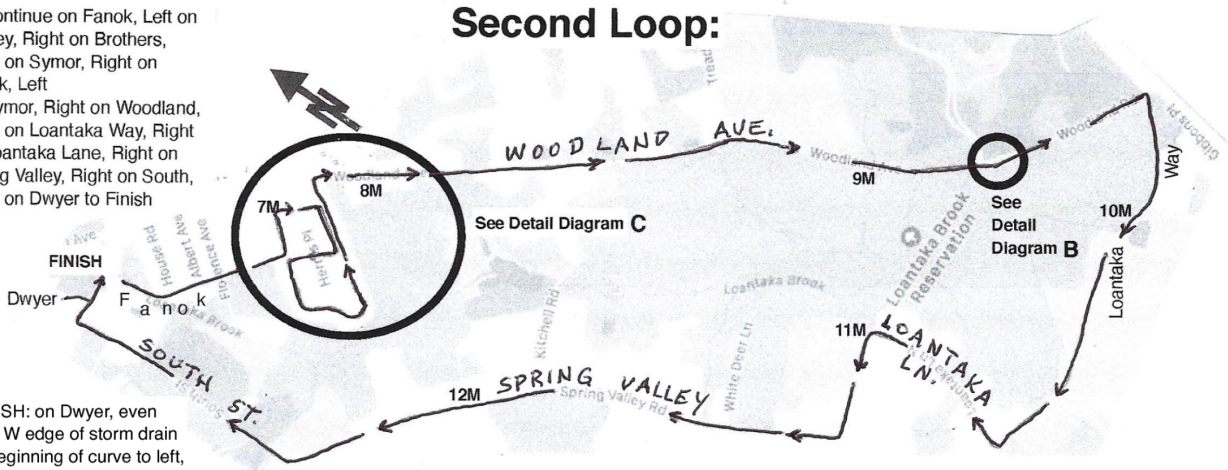
Start on Fanok. Left on Hadley, Right on Brothers, Right on Herms. Left on Symor. Right on Woodland. Right on Loantaka Way, Right on Loantaka Ln., Right on Spring Valley, Right on South, Right on Dwyer, Right on Fanok, continue into second loop....



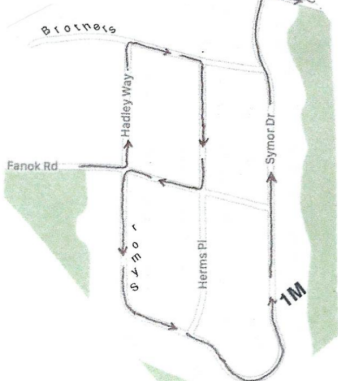
....Continue on Fanok, Left on Hadley, Right on Brothers, Right on Symor, Right on Fanok, Left on Symor, Right on Woodland, Right on Loantaka Way, Right on Loantaka Lane, Right on Spring Valley, Right on South, Right on Dwyer to Finish

**Second Loop:**

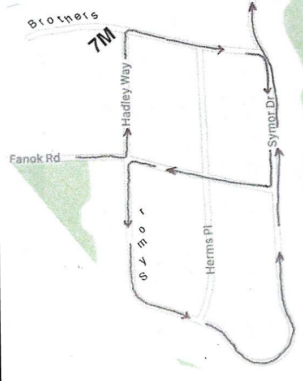
FINISH: on Dwyer, even with W edge of storm drain at beginning of curve to left, and 20' W of light pole S12.



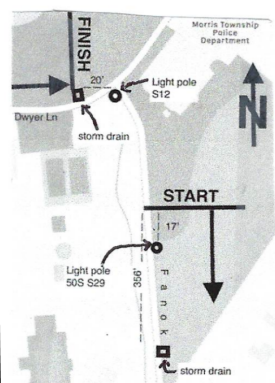
**Detail Diagram A:  
First Loop**



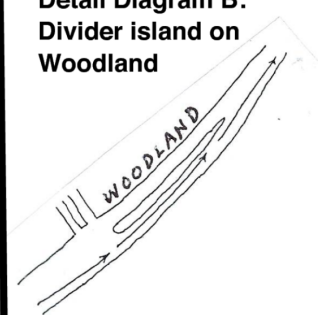
**Detail Diagram C:  
Second Loop**



**START/FINISH Detail:**



**Detail Diagram B:  
Divider island on Woodland**



**Halloween 2-Loop HMar '21**

START: On Fanok, 17' N of light pole 50S S29, which is on E side of Fanok. Also, 356' N of first storm drain proceeding S on Fanok.

FINISH: On Dwyer, even with W edge of storm drain at beginning of curve to Left, and 20' W of light pole S12, which is on S side.

The following marks are described relative to running direction:

1 MILE: On Symor, 33' past driveway to #22 Symor.

2 MILE: On Woodland, between Kitchell and Treadwell, even with near edge of storm drain which is on Left side just before util. pole JC25HD.

3 MILE: On Woodland just before Loantaka Way traffic light, 354' past pair of storm drains which are directly across from each other on opposite sides of Woodland.

4 MILE: On Loantaka Lane, 11' past driveway to #7 Loantaka Lane.

5 MILE: On Spring Valley, just past Springhouse, 1' past unnumbered util. pole on Right side, which is the third util. pole on right side proceeding in running direction from Springhouse.

6 MILE: On South St., across from entry driveway to #465 South St., just past entrance to Loantaka Brook Reservation parking lot (which is on Right side), and 12' past storm drain which is on Right side.

7 MILE: On Runners' Right side, at SE corner of intersection of Hadley Way and Brothers Pl.

8 MILE: On Woodland, 2' past driveway to #163 Woodland, which is on Right side.

9 MILE: On Woodland, between St. Hubert's Animal Shelter (which is on Left side) and entry gate to Loantaka recreation path (which is on Right side); 14' past util. pole JC7575CMT, which is on Right side.

10 MILE: On Loantaka Way just past Shunpike Rd., 38' before util. pole JC477CMT, which is on Left side.

11 MILE: On Loantaka Lane, just after sharp curve to Left, 16' past driveway to #69 Loantaka Lane, which is on Left side.

12 MILE: On Spring Valley just past Quaker Ridge Road, 8' past util. pole JC1599MT, which is on Right side.