

USATF Certificate  
MI18030MN

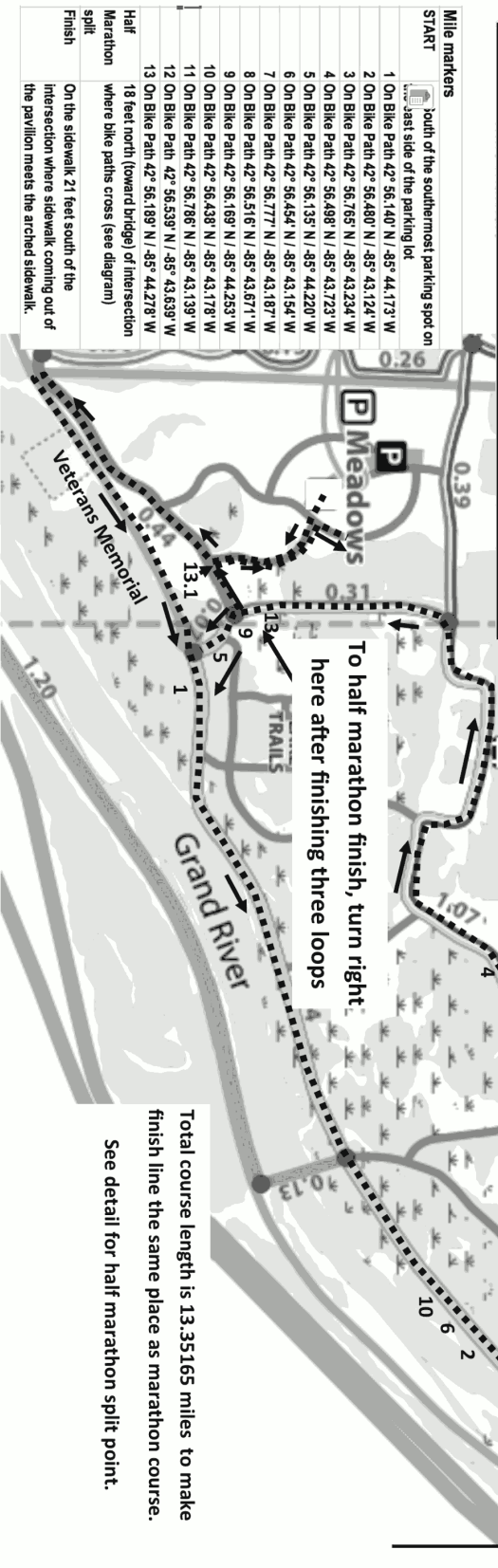
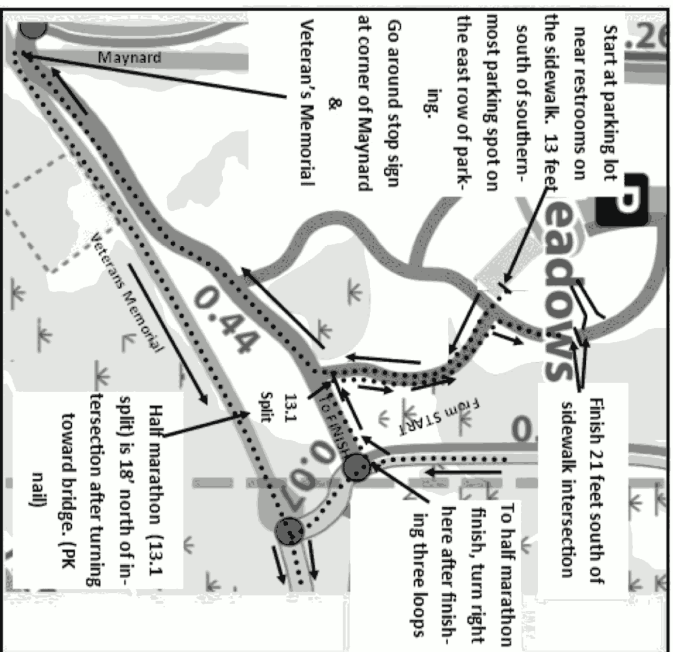
Effective Dates  
10-AUG-2018 to 31-DEC-2028

### Millennium Meadows 21.487 KM

Certified Half Marathon Split (21.0975 km)  
18 feet north of the trail intersection  
after turning towards bridge

Start/Finish at  
1400 Maynard Ave SW  
Walker, MI 49534

Measured July 2018 Don Kern  
donkern1@gmail.com



To half marathon finish, turn right here after finishing three loops

Total course length is 13.35165 miles to make finish line the same place as marathon course.  
See detail for half marathon split point.

Mile markers  
START south of the southernmost parking spot on east side of the parking lot

1	On Bike Path 42° 56.140' N / -85° 44.173' W
2	On Bike Path 42° 56.480' N / -85° 43.124' W
3	On Bike Path 42° 56.765' N / -85° 43.234' W
4	On Bike Path 42° 56.498' N / -85° 43.723' W
5	On Bike Path 42° 56.135' N / -85° 44.220' W
6	On Bike Path 42° 56.454' N / -85° 43.154' W
7	On Bike Path 42° 56.777' N / -85° 43.187' W
8	On Bike Path 42° 56.516' N / -85° 43.671' W
9	On Bike Path 42° 56.169' N / -85° 44.253' W
10	On Bike Path 42° 56.438' N / -85° 43.178' W
11	On Bike Path 42° 56.786' N / -85° 43.139' W
12	On Bike Path 42° 56.539' N / -85° 43.639' W
13	On Bike Path 42° 56.189' N / -85° 44.278' W

On the sidewalk 21 feet south of the intersection where sidewalk coming out of the pavilion meets the arched sidewalk.



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



Name of course Millennium Meadows 21.487 km  
(with certified Half Marathon split) Distance 21.487 km

Location (state) Michigan (city) Walker

Type of course:  road race  calibration

Measuring Methods :  bicycle  steel tape  electronic distance meter

Measured by (name, address, phone & e-mail) Don Kern  
1170 Oakburn Ave. SE, Grand Rapids, MI, 49501, 616-293-3145, donkern1@gmail.com

Race Contact (name, address, phone & email) Don Kern  
1170 Oakburn Ave. SE, Grand Rapids, MI, 49501, 616-293-3145, donkern1@gmail.com

Date(s) when course measured: Jul. 25, 2018

Course Configuration: Complex of loops Number of measurements of entire course: 2

Elevation (meters above sea level) Start 186 m Finish 186 m Highest 198 m Lowest 180 m

Straight line distance between start & finish 110 m Drop 0 m/km Separation 0.5%

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

Effective date of certification: Aug. 10, 2018 Certification code: MI18030MN

<b>Certified Half Marathon split</b> Elevations-- Start:186m Finish:183m Drop:0.14m/km Separation:260m (1.2%)	Notice to Race Director: Use this Certification Code in <b>all</b> public announcements relating to your race.
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***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 this course, or at the discretion of USA Track & Field, a verification remeasurement 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 in the year*** **2028**  
***AS NATIONALLY CERTIFIED BY***

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 Mark Neal • USATF/RRTC Certifier  
 323 Griggs Street, Rochester, MI, 48307 • 248-894-3846 • runnermark@gmail.com

Date: Aug. 15, 2018