



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Michigan Pro Ekiden Distance 42.195km

Location (state) MI (city) Washington

Type of course: Road Race

Measuring Methods: Bike

Measured By Mark Neal, 323 Griggs Street, Rochester, MI, 48307, 248-894-3846, runnermark@gmail.com

Race Contact Keith Hanson, 255 Cross Creek Blvd., Rochester Hills, MI, 48306, 586-822-8603, hansonso dp@yahoo.com

Date(s) when course measured: 05/28/2020,09/22/2020,10/16/2020

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

Elevation (meters above sea level) Start 247m Finish 247m Lowest 243m Highest 265m

Straight line distance between start and finish 0m Drop 0 m/km Separation 0 %

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

Effective date of certification: October 17, 2020 Certification code: MI20007MN

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: **2030**

AS NATIONALLY CERTIFIED BY:

Date: October 17, 2020

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

Michigan Pro Ekiden Washington, Michigan 42.195km

Certified 10k split @ **E1**
Drop = -1.01m/km Separation = 4.1%



Michigan Pro Ekiden
 USATF Certification MI20007MN

Relay Exchanges & Mile Marks

	Latitude	Longitude	Altitude (ft)	Description
Start			810	Even with the east edge of the 10th concrete wheelstop from the east end of the parking lot. Or 88 feet from the east edge of the eastmost parking spot.
Loop1-1-1mile	42.732607	-83.09438		
Loop1-1-2mile	42.738001	-83.077424		
Loop1-1-3mile	42.733318	-83.06274		
Loop1-1-4mile	42.725013	-83.073854		
Loop1-1-5mile	42.716323	-83.087614		
Loop1-1-6mile	42.7249343	-83.102023		
Loop1-E1	42.7275398	-83.103645	843	Exchange #1 is 13.5 feet after the 1.5 Mile Post.
Loop2-2-1mile	42.7294712	-83.102065		
Loop2-2-2mile	42.733457	-83.086095		
Loop2-2-3mile	42.736165	-83.07078		
Loop2-E2	42.730215	-83.062737	866	Exchange #2 is 122 feet before the 4.5 Mile Post.
Loop2-3-1mile	42.722212	-83.075715		
Loop2-3-2mile	42.717126	-83.091453		
Loop2-3-3mile	42.727584	-83.103652		
Loop2-E3	42.728872	-83.102763	828	Exchange #3 is at the end of lake loop #2, 5.5 feet north of the south edge of the road. Runner continues straight on bike path after the exchange.
Loop3-4-1mile	42.733449	-83.087047		
Loop3-4-2mile	42.736666	-83.071466		
Loop3-4-3mile	42.728718	-83.06475		
Loop3-4-4mile	42.721493	-83.078399		
Loop3-4-5mile	42.71863	-83.093852		
Loop3-4-6mile	42.728577	-83.101661		
Loop3-E4	42.726005	-83.101508	821	Exchange #4 is on the road between parking lots heading towards the turn-around, 2.5 feet before the Yield sign.
Loop4-5-1mile	42.733375	-83.097999		
Loop4-5-2mile	42.735913	-83.079866		
Loop4-5-3mile	42.735837	-83.063495		
Loop4-E5	42.729033	-83.068923	835	Exchange #5 is near the bottom of the hill before the 5 Mile Post, 101 feet before the last tree between the bike path and the road.
Loop4-6-1mile	42.719859	-83.081828		
Loop4-6-2mile	42.720749	-83.09689		
Loop4-6-3mile	42.725952	-83.101396		
Finish			810	Same as start.