



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Rock CF Rivers Half Marathon Distance 21.0975 km

Location (state) MI (city) Grosse Ile

Type of course: Road Race

Measuring Methods: Bicycle

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

Race Contact Emily Schaller, 2990 W. Grand Blvd. Ste M21, Detroit, MI, 48202, 734-341-5867, emily@letsrockcf.org

Date(s) when course measured: 09/19/2021, 03/13/2022

Number of measurements of entire course: 2 Course Configuration: Keyhole

Elevation (meters above sea level) Start 182.00 Finish 182.00 Lowest 175.00 Highest 182.00

Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %

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

Effective date of certification: March 14, 2022 Certification code: MI21034MN

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: March 14, 2022

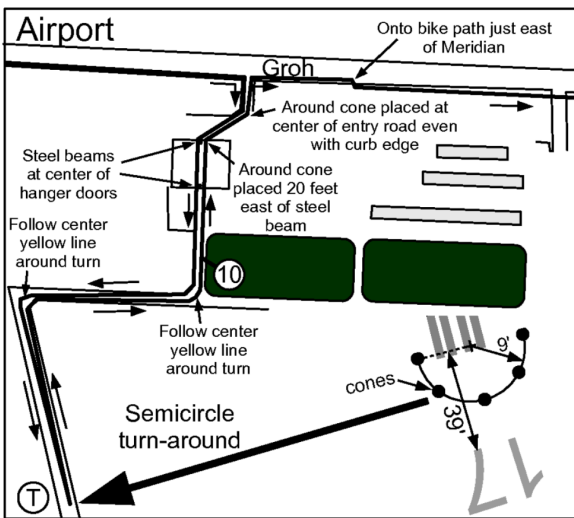
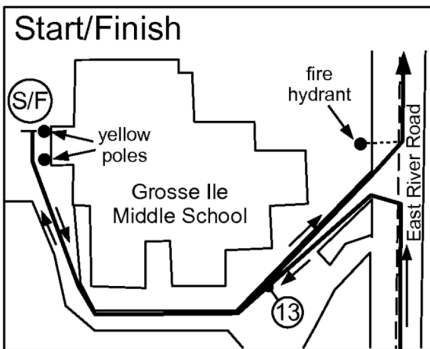
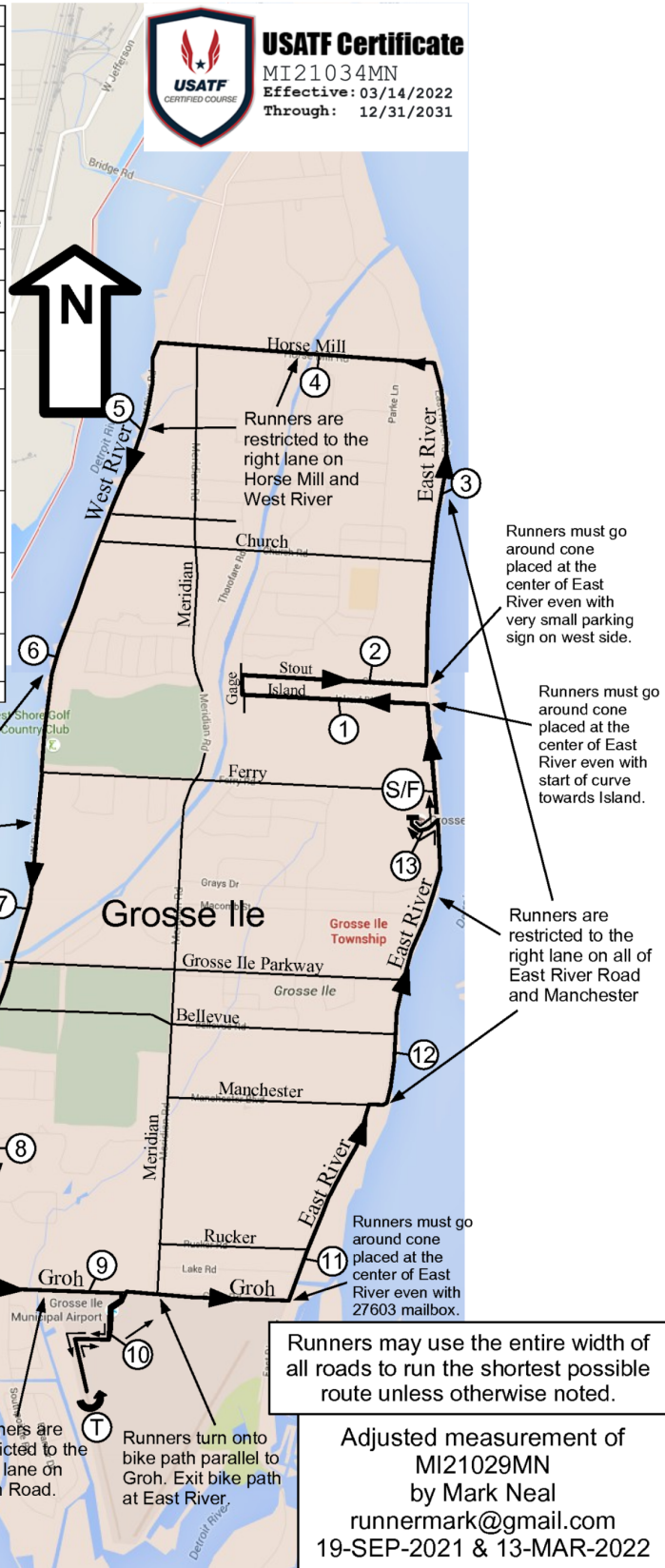
Mark Neal - USATF/RRTC Certifier - 323 Griggs Street, Rochester MI 48307
(248) 894-3846 - runnermark@gmail.com

Rock CF Rivers Half Marathon Grosse Ile, Michigan

	Latitude	Longitude	Description
Start			At the north yellow pole next to the back of the Grosse Ile Middle School building.
1-Mile	42.142832	-83.146124	On Island Road 2.5 feet west of the fire hydrant.
2-Mile	42.143829	-83.143401	At the west edge of 7860 Stout driveway.
3-Mile	42.154981	-83.137986	On East River Road 22 feet north of 21050 mailbox.
4-Mile	42.16311	-83.147704	On Horsemill 13 feet west of the black and yellow sign on the south side.
5-Mile	42.158874	-83.161714	On West River Road 32 feet north of the north edge of the iron fence.
6-Mile	42.145236	-83.168324	On West River Road 18.5 feet north of the 22247 mailbox.
7-Mile	42.130874	-83.170927	On West River Road 6.5 feet north of the 24253 mailbox.
8-Mile	42.116648	-83.173759	On West River Road at the south edge of the 26457 north driveway.
9-Mile	42.107794	-83.166351	On Groh 12.5 feet east of the only tree across from the gravel parking area.
Turn-around			Defined by a semi-circle of cones with a 9-foot radius and a center that is 39 feet north of the bottom of the "17" in the runway, or 1.5 feet north of the south end of the runway stripes. If only a single cone is used for the turn-around it should be placed 25 feet north of the bottom of the "17" in the runway.
10-Mile	42.102181	-83.166427	After the turn-around on the north-south taxiway even with the north edge of the concrete stripe in the "shoulder" of the taxiway.
11-Mile	42.10943	-83.14913	On East River Road at the telephone pole just north of the 27176 mailbox.
12-Mile	42.12211	-83.14180	On East River Road even with the yellow Bellevue Road Ahead sign.
13-Mile	42.13509	-83.13905	In the middle of the school parking lot at the lamppost in front of the school entrance just west of the flagpoles.
Finish			Same as start.



USATF Certificate
MI21034MN
Effective: 03/14/2022
Through: 12/31/2031



Runners may use the entire width of all roads to run the shortest possible route unless otherwise noted.

Adjusted measurement of MI21029MN by Mark Neal
runnermark@gmail.com
19-SEP-2021 & 13-MAR-2022