



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



Name of the course Charlevoix Half Marathon Distance 21.0975km
Location (state) MI (city) Charlevoix
Type of course: Road Race
Measuring Methods: Bike
Measured By Eric Bartz, 3110 Harvest Ave SW, Grandville, MI, 49418, 616-745-6750, ebartz14@gmail.com
Race Contact Ron Suffolk, 9775 Ponderosa Dr, South Lyon, MI, 48178, 248-921-1032, rsuffolk@sbcglobal.net
Date(s) when course measured: 4/3/2021
Number of measurements of entire course: 2 Course Configuration: Out and back
Elevation (meters above sea level) Start 184m Finish 184m Lowest 168m Highest 208m
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: April 13, 2021 Certification code: MI21002MN

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: April 20, 2021

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

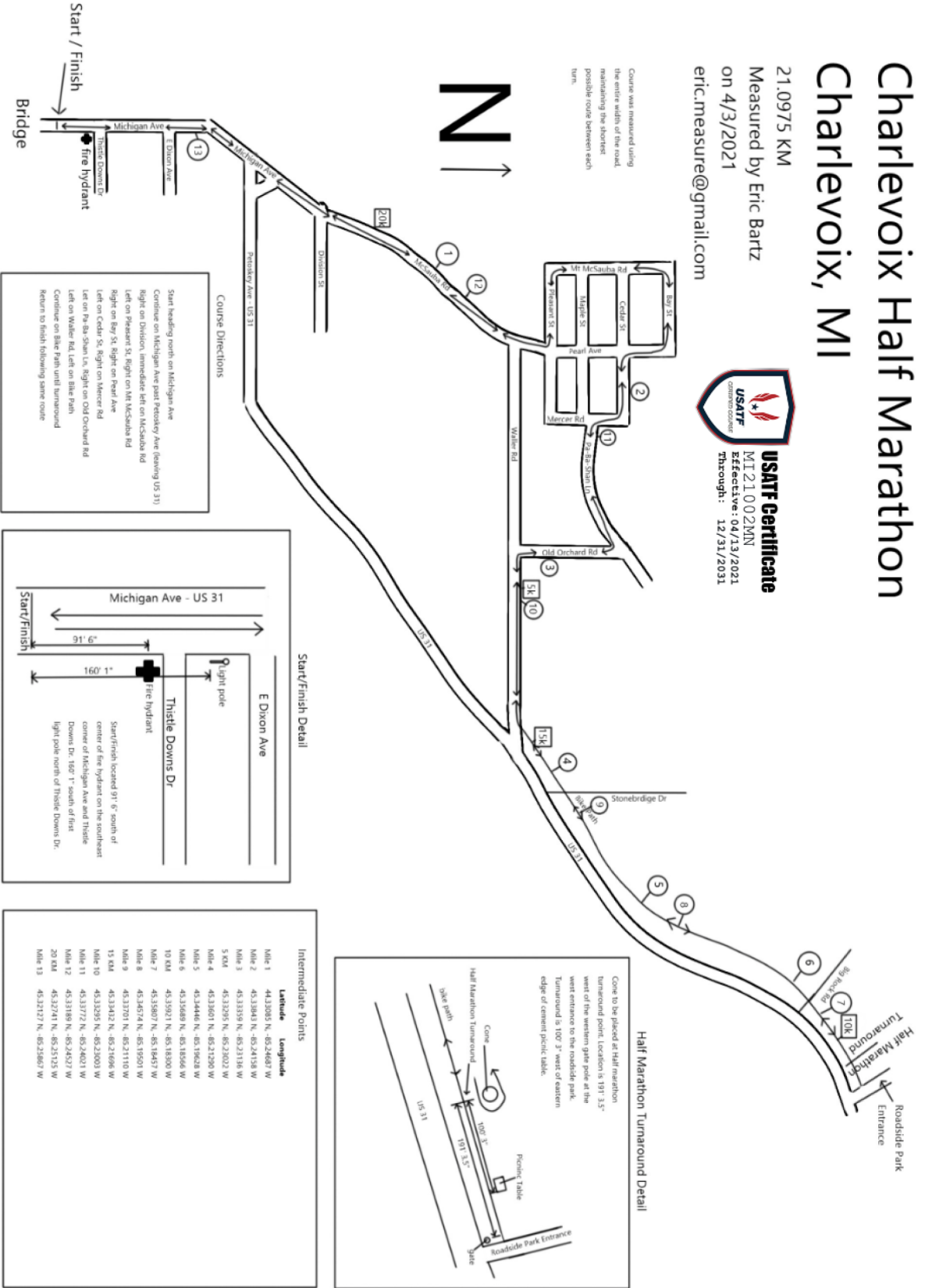
Charlevoix Half Marathon

Charlevoix, MI

21.0975 KM
 Measured by Eric Bartz
 on 4/3/2021
 eric.measure@gmail.com

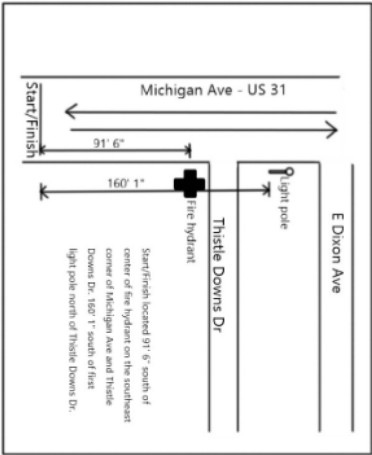


Course was measured using the entire width of the road, maintaining the shortest possible route between each turn.



Course Directions

Start heading north on Michigan Ave
 Continue on Michigan Ave past Pottersville Ave (leaving US 31)
 Right on Division, immediate left on Wickanda Rd
 Left on Pleasant St, right on Mt. Wickanda Rd
 Right on Bay St, right on Pearl Ave
 Left on Cedar St, right on Mercer Rd
 Left on Pine St, right on Old Orchard Rd
 Left on Walker Rd, left on slate path
 Continue on slate path until turnaround
 Return to finish following same route



Intermediate Points

Mile	Latitude	Longitude
Mile 1	44.33035 N, -85.24687 W	
Mile 2	45.33843 N, -85.24158 W	
Mile 3	45.33559 N, -85.23118 W	
Mile 4	45.33295 N, -85.23002 W	
Mile 5	45.33801 N, -85.21290 W	
Mile 6	45.34446 N, -85.19628 W	
Mile 7	45.35689 N, -85.18566 W	
Mile 8	45.35921 N, -85.18300 W	
Mile 9	45.35907 N, -85.18457 W	
Mile 10	45.34674 N, -85.19501 W	
Mile 11	45.33701 N, -85.21110 W	
Mile 12	45.33432 N, -85.21696 W	
Mile 13	45.33295 N, -85.23003 W	
Mile 14	45.33772 N, -85.24021 W	
Mile 15	45.33189 N, -85.24527 W	
Mile 16	45.32741 N, -85.25125 W	
Mile 17	45.32241 N, -85.25125 W	
Mile 18	45.32241 N, -85.25125 W	
Mile 19	45.32241 N, -85.25125 W	
Mile 20	45.32241 N, -85.25125 W	
Mile 21	45.32241 N, -85.25125 W	
Mile 22	45.32241 N, -85.25125 W	
Mile 23	45.32241 N, -85.25125 W	

