



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

**Measurement Certificate**



Name of the course IMT Des Moines Half Marathon Distance 21.0975 km

Location (state) IA (city) Des Moines

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Michael McGinn, 8232 Chambery Blvd., Johnston, IA 50131 515-441-9676 mike\_mcginn@hotmail.com

Race Contact Chris Burch, 526 39th Street, Des Moines, IA 50321 515-288-2692 cburch@desmoinesmarathon.com

Date(s) when course measured: 08/07/2021 and 09/12/2021

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

Elevation (meters above sea level) Start 245.00 Finish 245.00 Lowest 241.98 Highest 248.00

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: October 13, 2021 Certification code: IA17303MF

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:*** **2027**

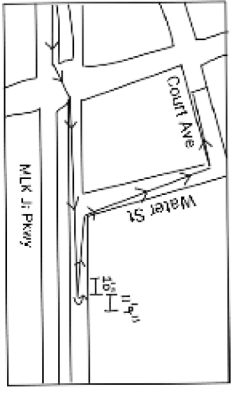
**AS NATIONALLY CERTIFIED BY:**

Date: October 16, 2021

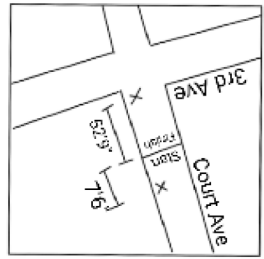
Michael Franke - USATF/RRTC Certifier - 1007 WALNUT, P.O. Box 193, DALLAS CENTER IA 50063  
(515) 992-3585 - mfranke@q.com



**USATF Certificate**  
 IA17303MF  
 Effective: 10/13/2021  
 Through: 12/31/2027

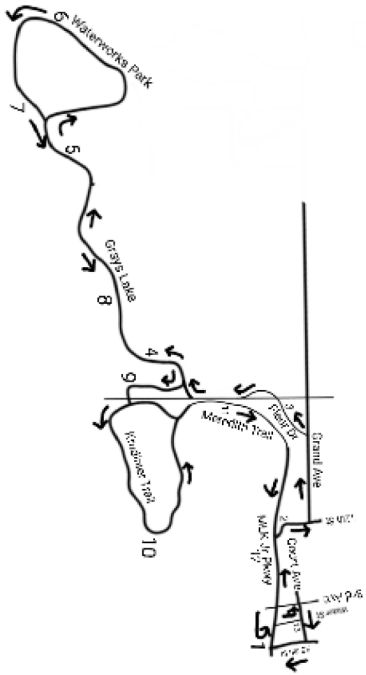
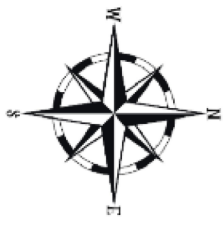


Turnaround: Cone in middle of MLK Jr Pkwy 10' east of the middle of the 2nd lightpost; 1' 9" west of eastern corner of Electric plate on street



Start/Finish: 52' 9" east of street light on SE corner of Court Ave and 3rd St; 7' 6" west of lightpost east intersection

IMT Des Moines Half Marathon  
 Des Moines, Iowa  
 Measured by Michael McGinn  
 mike\_mcginn@hotmail.com  
 Oct 17 2021



Half Marathon Markings	
Start/Finish	52' 9" East of Street light on SE corner of Court Ave and 3rd St; 7' 6" west of 1st lightpost that is east of intersection on south side of Court Ave
Mile 1	70' 8" west of the center of a utility hole cover on MLK just west of SE 4th Street and MLK
Mile 2	On 12th St. in line with railroad arm on the south side of tracks.
Mile 3	193' west of fire hydrant on angle lane of Fleur Dr
Mile 4	172' south of parking/windmill sign on the southern tip of the lake
Mile 5	54' 5" west of "no drivers off road sign"
Mile 6	86' 8" south of the center of a group of trees along the bank on the west side of the road
Mile 7	198' 1" southwest of the "keep off the ice" sign on the south side of the lake
Mile 8	60" west of speed sign by the pump house
Mile 9	93' feet north of light pole by underpass trail that connects to Apple Tree road
Mile 10	In line with the south legs of the bench by the east side of the trail and road
Mile 11	52' 3" feet south of light pole #7 on the trail parallel to Fleur Dr
Mile 12	17' east of telephone pole #1100 on the south side of MLK Jr Pkwy
Turnaround	10' east of 2nd light post east of Water St; 11' 9" west of west side electric power grid plate in street
Mile 13	34' 4" north of fire hydrant on Water St; just south of Court Ave
Start/Finish	52' 9" East of Street light on SE corner of Court Ave and 3rd St; 7' 6" west of 1st lightpost that is east of intersection on south side of Court Ave