



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course IMT Des Moines Marathon Distance 42.195 km
Location (state) IA (city) Des Moines
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Mike McGinn, 8232 Chambery Blvd. Johnston, IA 50131
Race Contact Chris Burch, 526 39th Street, Des Moines, IA 50321
Date(s) when course measured: 08/07/2021 and 09/12/2021
Number of measurements of entire course: 0 Course Configuration: Loop
Elevation (meters above sea level) Start 245.00 Finish 245.00 Lowest 243.00 Highest 250.00
Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %
Type of surface: Paved 99 % Dirt 0 % Gravel 0 % Grass 0 % Track 1 %
Effective date of certification: October 13, 2021 Certification code: IA17302MF

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

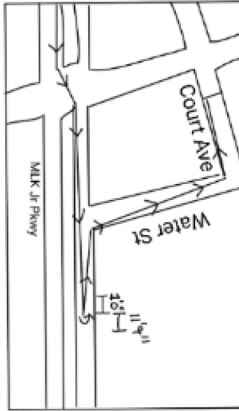
AS NATIONALLY CERTIFIED BY:

Date: October 15, 2021

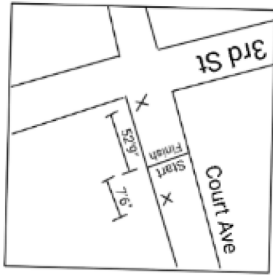
Michael Franke - USATF/RRTC Certifier - 1007 WALNUT, P.O. Box 193, DALLAS CENTER IA 50063
(515) 992-3585 - mfranke@q.com



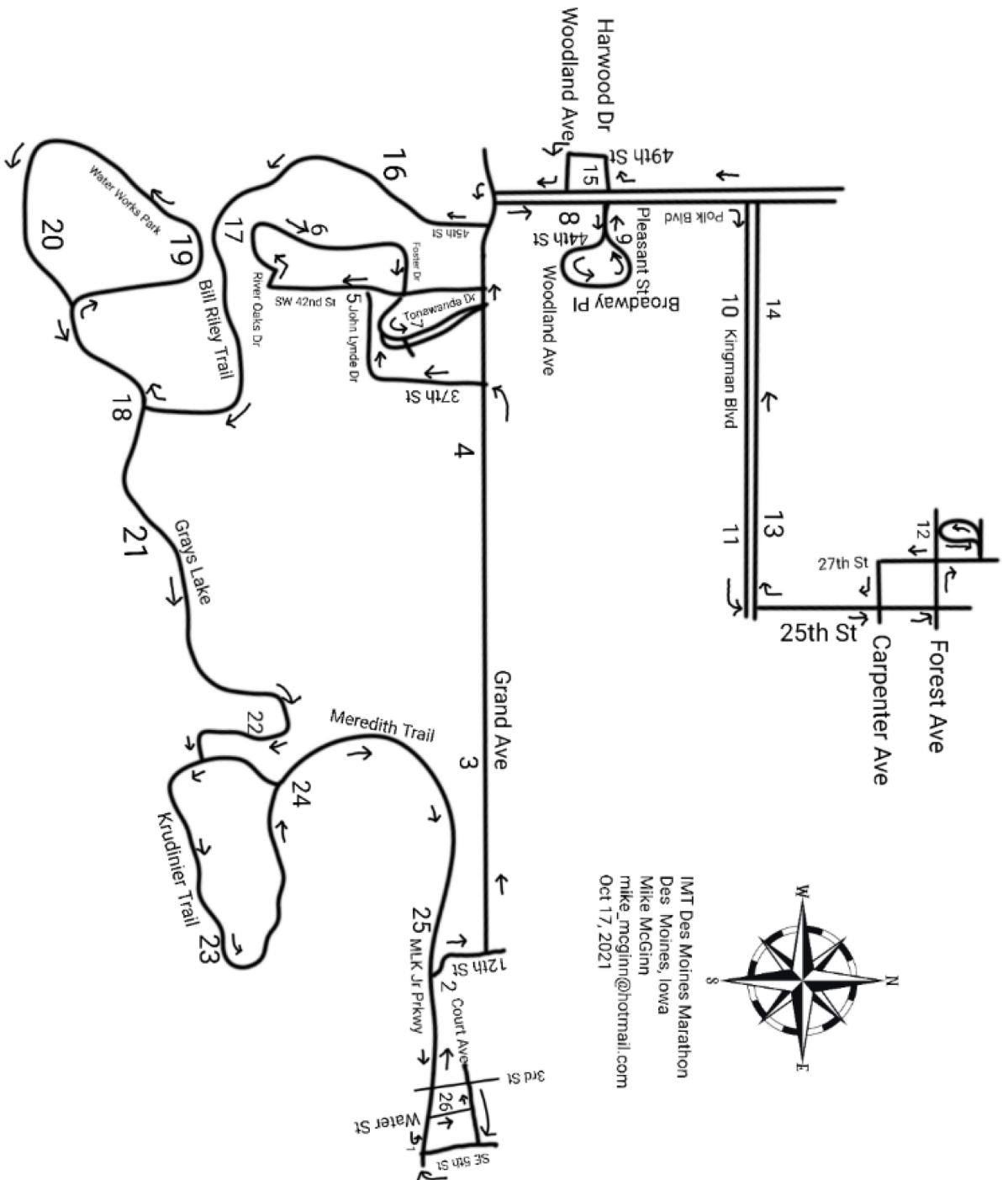
USATF Certificate
 IA17302MF
 Effective: 10/13/2021
 Through: 12/31/2027



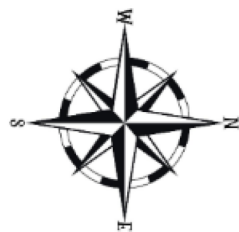
Turnaround: Cone in middle of MLK Jr Pkwy, 10' east of the middle of the 2nd lightpost, 11'9" west of eastern corner of Electric plate on street



Start/Finish: 57'9" east of street light on SE corner of Court Ave and 3rd St, 7'6" west of lightpost east intersection



IMT Des Moines Marathon
 Des Moines, Iowa
 Mike McGinn
 mike_mcginn@hotmail.com
 Oct 17, 2021



| Marathon Markings | |
|-------------------|---|
| Start/Finish | 529° East of Street light on SE corner of Court Ave and 3rd St; 76° west of 1st lightpost that is east of intersection on south side of Court Ave |
| Mile 1 | 708° west of the center of a utility hole cover on MILK just west of SE 4th Street and MILK. |
| Mile 2 | On 12th St, in line with railroad arm on the south side of tracks. |
| Mile 3 | In line with the 2nd black bridge pillar east of the west side of the bridge on the south side. |
| Mile 4 | 280° west of fire hydrant on south side Grand Avenue and 35 th Street |
| Mile 5 | 478° West of a fire hydrant in front of 3808 John Lynde Dr. |
| Mile 6 | In front of mailbox for 514 Foster Drive. |
| Mile 7 | On Tonawanda, just north of Marsh Drive, in front of a sign for the Salisbury House. |
| Mile 8 | 10°11° north of driveway for 635 Polk Boulevard. |
| Mile 9 | 1000° east of 4607 Harwood Avenue. |
| Mile 10 | 556° West of 40 th Street and Kingman Boulevard fire hydrant. |
| Mile 11 | 584° east of 26 th Street and Kingman Boulevard pole in the middle of the boulevard. |
| Mile 12 | In line with the west pole of south goalposts in Drake Stadium |
| Mile 13 | 75° east of light pole in front of 2600 Kingman Boulevard. |
| Mile 14 | 249° west of light pole in the boulevard in front of 4057 Kingman Boulevard. |
| Mile 15 | 260° east of the sign on the corner of Harwood Drive and 48th Street. |
| Mile 16 | 567° South of a sewer grate in front of Sullivan Amphitheater. |
| Mile 17 | Bill Riley Trail just east of railroad bridge. (41.568371, -93.677972) |
| Mile 18 | Water Works Park: Just South of the west parking curb by the pedestrian bridge. |
| Mile 19 | 348° West of electrical wiring marker on the northern edge of the trail. (41.5672643, -93.6742599) |
| Mile 20 | 93°10° NE of fire hydrant just east of Westernmost George Flagg Parkway entrance to Water Works Park |
| Mile 21 | 50° east of turn sign, West of George Flagg Parkway, and 30th Place entrance to park. |
| Mile 22 | In line with bench and tree on Apple Tree Road. (41.5717645, -93.6457577) |
| Mile 23 | 165° west of pole 42 on the southeast side of the Krudnier Trail by Gray's Lake Park |
| Mile 24 | 209° south of pole #3 on the trail parallel to MILK Jr. Pkwy. |
| Mile 25 | 74°3° feet east of telephone pole 12045 in the middle of boulevard of MILK Jr Pkwy. |
| Turnaround | 1°0° east of 2nd light post east of Water St; 1°9° west of west side electric power grid plate in street |
| Mile 26 | 9°3° feet south of fire hydrant on Water Street south of tracks. |
| Start/Finish | 529° East of Street light on SE corner of Court Ave and 3rd St; 76° west of 1st lightpost that is east of intersection on south side of Court Ave |