



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course Honoring Our Heroes Half-Marathon Distance 13.1095 mi
Location (state) MO (city) Rolla
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Tom Eckelman - 456 Sovereign Ct., Suite B, - Manchester, MO 63011 - (636) 527-9700 - tom@brrm.com
Race Contact Shawn Bolerjack - P.O. Box 194, Salem, MO 65560 - (573) 247-3005
Date(s) when course measured: 05/25/2021
Number of measurements of entire course: 2 Course Configuration: point to point
Elevation (meters above sea level) Start 342.00 Finish 339.00 Lowest 293 Highest 348
Straight line distance between start and finish 15.602 km Drop 0.14 m/km Separation 73.95 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: June 12, 2021 Certification code: MO21015MU

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.

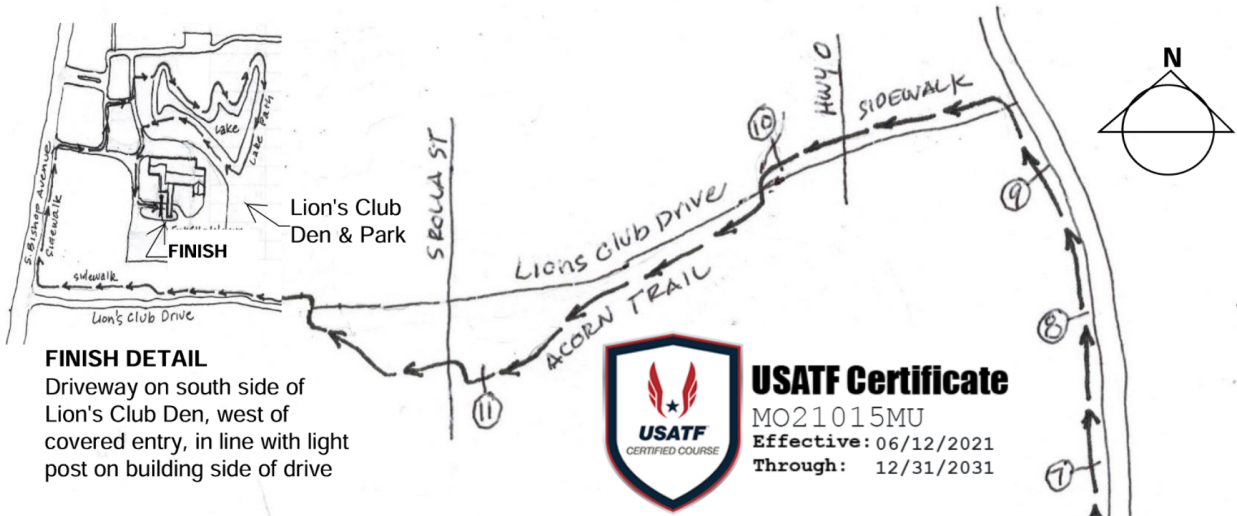
Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all 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: July 1, 2021

Martin Updike - USATF/RRTC Certifier - 812 Eastside Blvd, Muskogee OK 74403
(918) 577-1956 - martin@i40raceservice.com



FINISH DETAIL
 Driveway on south side of Lion's Club Den, west of covered entry, in line with light post on building side of drive



USATF Certificate
 MO21015MU
 Effective: 06/12/2021
 Through: 12/31/2031

HONORING OUR HEROES - HALF MARATHON
COLD SPRING TOWNSHIP, MO TO ROLLA, MO

Unrestricted Course - Shortest possible route was used to measure this course
 Measured by Tom Eckelman (tom@brrm.com / 636.527.9700)

- 1 Mile - West shoulder of Hwy 72, approx. 400ft south of Ragan Branch Creek - <https://goo.gl/maps/CZMkMHgSZVsVJ7N28>
- 2 Mile - West shoulder of Hwy 72, approx 100ft north of driveway to 18305 Hwy 72 - <https://goo.gl/maps/azQfWA6fLyyMhL4A>
- 3 Mile - West shoulder of Hwy 72, approx 1200ft north of CO5410 - <https://goo.gl/maps/hRaXKFGjAp4AqZRq8>
- 4 Mile - West shoulder of Hwy 72, approx 200ft south of CO5285 - <https://goo.gl/maps/uXbK8E34aEXBf1SP6>
- 5 Mile - CO5200, approx 300ft north of Pvt Dr 4074- <https://goo.gl/maps/pXXHbhrj1rCJ5Li48>
- 6 Mile - West shoulder of Hwy 72, approx 275ft north of CO5160 - <https://goo.gl/maps/JbVVzsQ4ZV9YZ5u89>
- 7 Mile - West shoulder of Hwy 72, approx 100ft south of 13651 driveway - <https://goo.gl/maps/qT9SCnfjJj632BjcA>
- 8 Mile - West shoulder of Hwy 72, 93ft south of Adopt A Highway sign - <https://goo.gl/maps/HfPUELp8XUoqFaxv5>
- 9 Mile - West shoulder of Hwy 72, approx 225ft south of County Ridge Rd, even with light standard 15601 - <https://goo.gl/maps/HfPUELp8XUoqFaxv5>
- 10 Mile - Sidewalk on north side of Lion's Club Drive west of Hwy O, 24ft west of east end of curb on north side of Lion's Club Drive - <https://goo.gl/maps/DmTXRoLMv2u9ignj6>
- 11 Mile - Acorn Trail east of S. Rolla St, in line with tree with sign In Memory of our Departed Classmates - Class of 1970 - <https://goo.gl/maps/FGpmKnrD8VATWoX27>
- 12 Mile - Sidewalk on east side of S. Bishop north of Lion's Club Drive, 4ft north of Hwy 63 sign- <https://goo.gl/maps/CQP5kJUf9AaU1ACg6>
- 13 Mile - Lion's Club Lake Walk, middle of 9th sidewalk panel east of fishing platform at southwest corner - <https://goo.gl/maps/Bv4i8tDARhkz7ig6>



START DETAIL

Approx 100m south of CO179,
 1.3779 meters north of 3 wood posts with horizontal metal pipe

