



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course Shamrock 'n' Roll Run 10k Distance 10 km

Location (state) Michigan (city) Plymouth

Type of course: road race calibration track Configuration: Loop

Type of surface: paved 100 % dirt % gravel % grass % track %

Elevation(meters above sea level) Start 220m Finish 221m Highest 233m Lowest 215m

Straight line distance between start & finish 80m Drop -0.1 m/km Separation 0.8 %

Measured by (name, address, phone, & email) Mark Neal

323 Griggs Street, Rochester, MI, 48307, 248-894-3846, mark@dukerdog.com

Race contact (name, address, & phone) Alan Whitehead

22454 Norfolk Ct., Novi, MI, 48374, 248-345-6168

Measuring Methods: bicycle steel tape electronic distance meter

Number of measurements of entire course: 2 Date(s) when course measured: 8-JAN-2012

Race date: 18-MAR-2012 Course certification effective date: 22-JAN-2012

Replaces N/A (if applicable) Certification code: MI12002MN

Notice 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.

Validation of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a validation remeasurement 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, 2022.

AS NATIONALLY CERTIFIED BY:

Mark Neal

Date: 22-JAN-2012

**Mark Neal : USATF Regional Certifier 323 Griggs St., Rochester, MI 48307 248-894-3846
 mark@dukerdog.com**

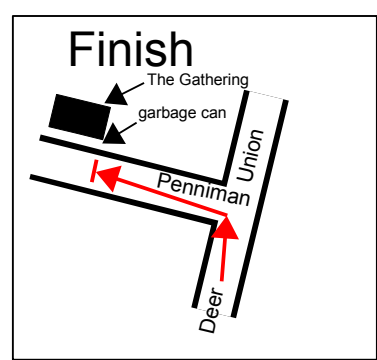
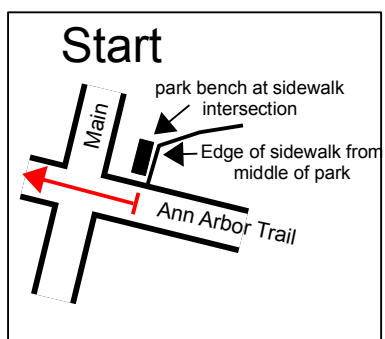
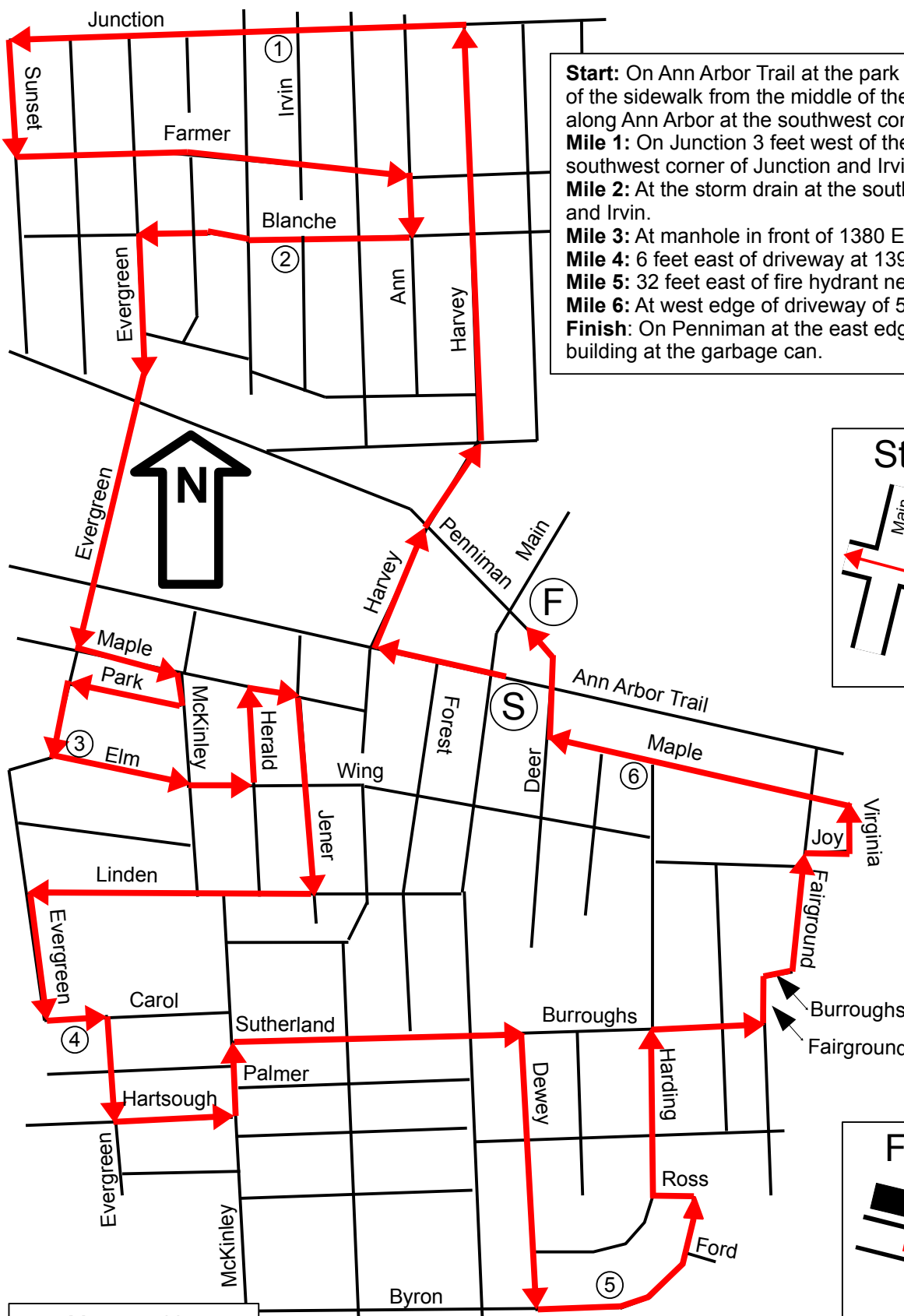
USATF Certificate
MI12002MN

Shamrock 'n' Roll Run 10k Plymouth, Michigan

Effective Dates
22-JAN-12 to 31-DEC-22



Start: On Ann Arbor Trail at the park bench at the intersection of the sidewalk from the middle of the park and the sidewalk along Ann Arbor at the southwest corner of the park.
Mile 1: On Junction 3 feet west of the storm drain on the southwest corner of Junction and Irvin.
Mile 2: At the storm drain at the southwest corner of Blanche and Irvin.
Mile 3: At manhole in front of 1380 Elm.
Mile 4: 6 feet east of driveway at 1393 Carol.
Mile 5: 32 feet east of fire hydrant near 630 Byron.
Mile 6: At west edge of driveway of 528 Maple.
Finish: On Penniman at the east edge of The Gathering building at the garbage can.



Measured by
Mark Neal
mark@dukerdog.com
8-JAN-2012