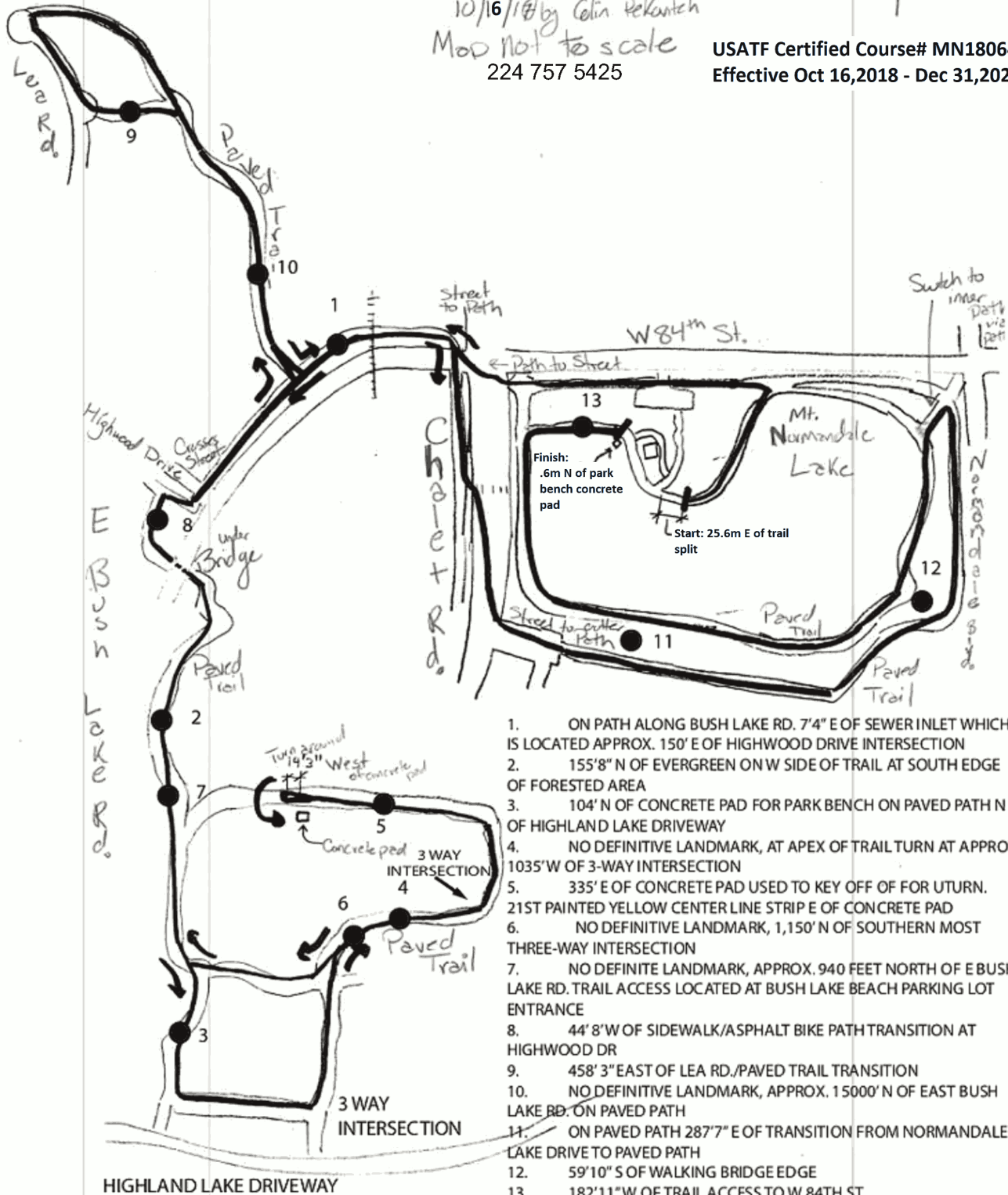


Twin Cities 1st Cider Hustle Half Marathon
 Bloomington, MN
 Measured using shortest route
 10/16/18 by Colin ReKantch
 Map Not to scale
 224 757 5425



USATF Certified Course# MN18064RR
 Effective Oct 16, 2018 - Dec 31, 2028



1. ON PATH ALONG BUSH LAKE RD. 7'4" E OF SEWER INLET WHICH IS LOCATED APPROX. 150' E OF HIGHWOOD DRIVE INTERSECTION
2. 155'8" N OF EVERGREEN ON W SIDE OF TRAIL AT SOUTH EDGE OF FORESTED AREA
3. 104' N OF CONCRETE PAD FOR PARK BENCH ON PAVED PATH N OF HIGHLAND LAKE DRIVEWAY
4. NO DEFINITIVE LANDMARK, AT APEX OF TRAIL TURN AT APPROX. 1035' W OF 3-WAY INTERSECTION
5. 335' E OF CONCRETE PAD USED TO KEY OFF OF FOR UTURN. 21ST PAINTED YELLOW CENTER LINE STRIP E OF CONCRETE PAD
6. NO DEFINITIVE LANDMARK, 1,150' N OF SOUTHERN MOST THREE-WAY INTERSECTION
7. NO DEFINITIVE LANDMARK, APPROX. 940 FEET NORTH OF E BUSH LAKE RD. TRAIL ACCESS LOCATED AT BUSH LAKE BEACH PARKING LOT ENTRANCE
8. 44' 8" W OF SIDEWALK/ASPHALT BIKE PATH TRANSITION AT HIGHWOOD DR
9. 458' 3" EAST OF LEA RD./PAVED TRAIL TRANSITION
10. NO DEFINITIVE LANDMARK, APPROX. 15000' N OF EAST BUSH LAKE RD. ON PAVED PATH
11. ON PAVED PATH 287'7" E OF TRANSITION FROM NORMANDELE LAKE DRIVE TO PAVED PATH
12. 59'10" S OF WALKING BRIDGE EDGE
13. 182'11" W OF TRAIL ACCESS TO W 84TH ST.



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

Measurement Certificate



Name of the course Twin Cities Hot Cider Hustle Half Marathon Distance 21.0975km
 Location (state) MN (city) Bloomington
 Type of course: road race calibration course
 Measuring method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Colin Pekovitch - 1152 Ensell Rd - Lake Zurich, Illinois 60047
224 757 5425 - colin@allcommunityevents.com
 Race contact (name, address, phone & e-mail) Peter Stergkewicz - 1152 Ensell Rd - Lake Zurich, Illinois 60047
224 757 5425 - pstergk@allcommunityevents.com
 Date(s) when course measured: Oct 16, 2018
 Number of measurements of entire course: Two Course Configuration: Complex Of Different Loops
 Elevation (meters above sea level) Start 252 Finish 252 Highest 261 Lowest 252
 Straight line distance between start & finish 180 Drop 0 m/km Separation .85 %
 Type of surface: paved 100 % dirt _____ % gravel _____ % grass _____ % track _____ %
 Effective date of certification: Oct 16, 2018 Certification code: MN18064RR

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.

Verification of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification 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 in the year **2028**

AS NATIONALLY CERTIFIED BY:

Rick Recker

Date: Oct 16, 2018

Rick Recker – USATF/RRTC Certifier - 19 S 1st St #2203 - Minneapolis, MN 55401
 612 375 0805 - rick_recker@hotmail.com