

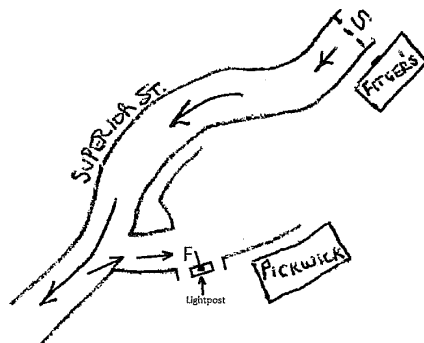
Fitger's 5k - Duluth, MN

USATF Certified Course# MN16014RR

Measured by Rick Recker - 612 375 0805

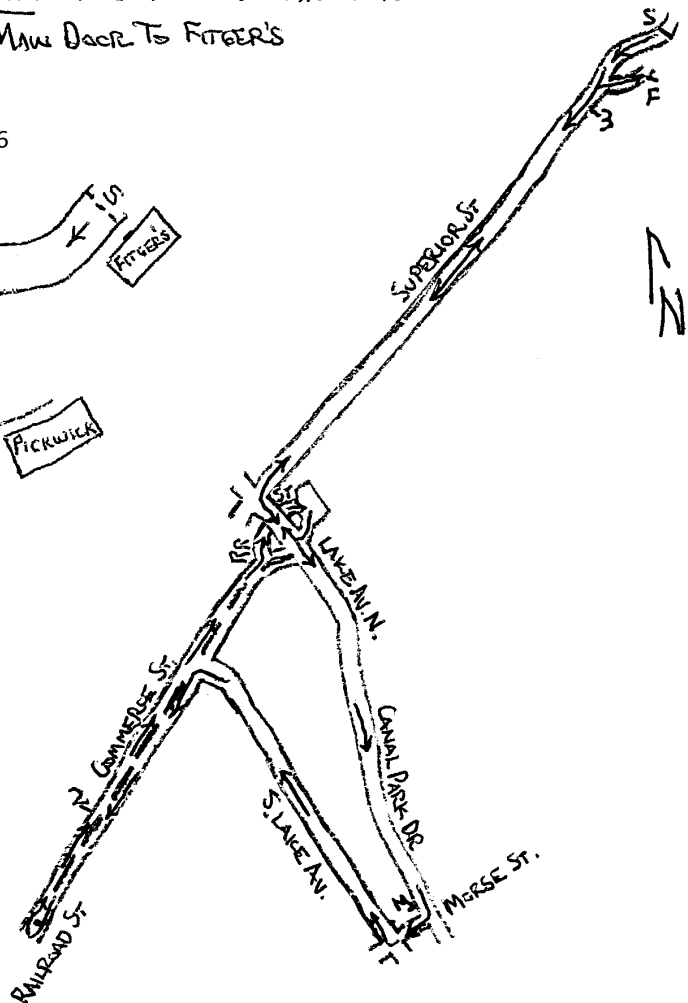
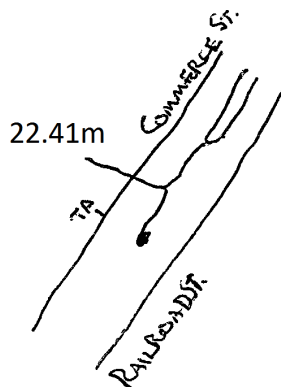
on Mar 25, 2016 - Effective May 24, 2016 - Dec 31, 2026

START: CRACK IN CURB NEAR CENTER OF  
MAIN DRIVE TO FITGER'S



Finish: Crack in curb at lightpost  
in grass island in parking lot.

TURN-AROUND: 22.41m S OF  
SOUTHERNMOST MEDIAN AT  
COMMERCE ST. + RAILROAD ST.



Participants may use all of path described to obtain the shortest possible route. Event starts on Superior St, proceeds S to Lake Av. Left(S) to Canal Park Dr. Straight(S) to Morse St. Right(W) to S Lake Av. Right(N) to Railroad St. Left(W) to turnaround. Return under Lake Av. Right, around and up onto Lake Av. Proceed(N) to Superior St. Right(N) to finish.

Mile 1 - 8m N of stop sign at Morse St.

Mile 2 - 6m N of 3rd lamppost N of viaduct

Mile 3 - 5m N of fire hydrant



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



Name of the course Fitger's 5km Distance 5km  
Location (state) MN (city) Duluth  
Type of course: road race ☒ calibration course ☐ track ☐  
Measuring methods: bicycle ☒ steel tape ☐ electronic distance meter ☐  
Measured by (name, address, phone & e-mail) Rick Recker - IAAF Measurer - 19 S 1st St #2203 - Minneapolis  
MN55401 - 612 375 0805 - rick\_recker@hotmail.com  
Race contact (name, address, phone & e-mail) Grandma's Marathon - Bx 16234 - Duluth, MN55816 - 218 727  
0947 - grandmas@grandmasmarathon.com  
Date(s) when course measured: Mar 25, 2016  
Number of measurements of entire course: Two Course Configuration: Keyhole  
Elevation (meters above sea level) Start 202 Finish 202 Highest 202 Lowest 184  
Straight line distance between start & finish 90m Drop 0 m/km Separation 1.8 %  
Type of surface: paved 100 % dirt      % gravel      % grass      % track      %  
Effective date of certification: May 24, 2016 Certification code: MN16014RR

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*** **2026**

***AS NATIONALLY CERTIFIED BY:***

*Rick Recker*

Date: May 24, 2016

Rick Recker - USATF/RRTC Certifier  
19 S 1st St #2203 - 612 375 0805 - rick\_recker@hotmail.com