



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course ORRC Y2K Half Marathon Distance 21.0975km

Location (state) OR (city) Forest Grove

Type of course: Road Race

Measuring Methods: Bike

Measured By Jeff Huber, 7965 SW 135th Ave. Beaverton, OR 97008 jeff@hubertiming.com 503.936.7187

Race Contact Alan Smith, 4840 SW Western Ave.#200 Beaverton, OR 97005 technology@oregonroadrunnersclub.org 503

Date(s) when course measured: 12/16/2019 and 12/22/2019

Number of measurements of entire course: 2 Course Configuration: keyhole

Elevation (meters above sea level) Start 71m Finish 71m Lowest 51.5m Highest 134m

Straight line distance between start and finish 0m Drop 0 m/km Separation 0 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: January 6, 2020 Certification code: OR20002LB

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: **2030**

AS NATIONALLY CERTIFIED BY:

Lee Barrett

Date: January 8, 2020

Lee Barrett - USATF/RRTC Certifier - 3027 NE 20TH AVE., Portland OR 97212
(503) 867-3836 - cudapdx@bendtel.net

ORRC Y2K Half Marathon - Forest Grove, OR

21.0975K / 13.109 Miles



USATF Certificate
 OR20002LB
 Effective: 01/06/2020
 Through: 12/31/2030

Descriptive Locations - Described from perspective of running course

S/F 3.17m south of northmost street lamp next to basketball courts.

Also 1.95m south of 2nd curb expansion crack from south of

of northmost No Parking curb mark

Mile 1 3.98m after first No Parking Sign on R side of road after intersection of Ash st.

Mile 2 On Hwy 47 path. 72.5m after path intersection with Douglas St

Mile 3 14.42m past W most driveway for 2050 SW Stringtown Rd

Mile 4 15.8m before power pole # 108

Mile 5 27.25m before power pole that feeds powerline that crosses road. Power pole # unreadable due to height on powerline.

Mile 6 56.4m before private road sign for SW Omega Dr

Mile 7 24.72m after power pole 1237

Mile 8 Even w S edge of driveway for Lovoli Stables

Mile 9 14.8m after power pole VZ 508529

TA 47.1m after power pole VZ 508364

Mile 10 24.05m after power pole VZ 508530

Mile 11 4.8m after power pole VZ 540947

Mile 12 6m before power pole VZ 540913

Mile 13 1m past crosswalk at entrant to school

From SW Stringtown Rd until school driveway course restricted to lane facing traffic

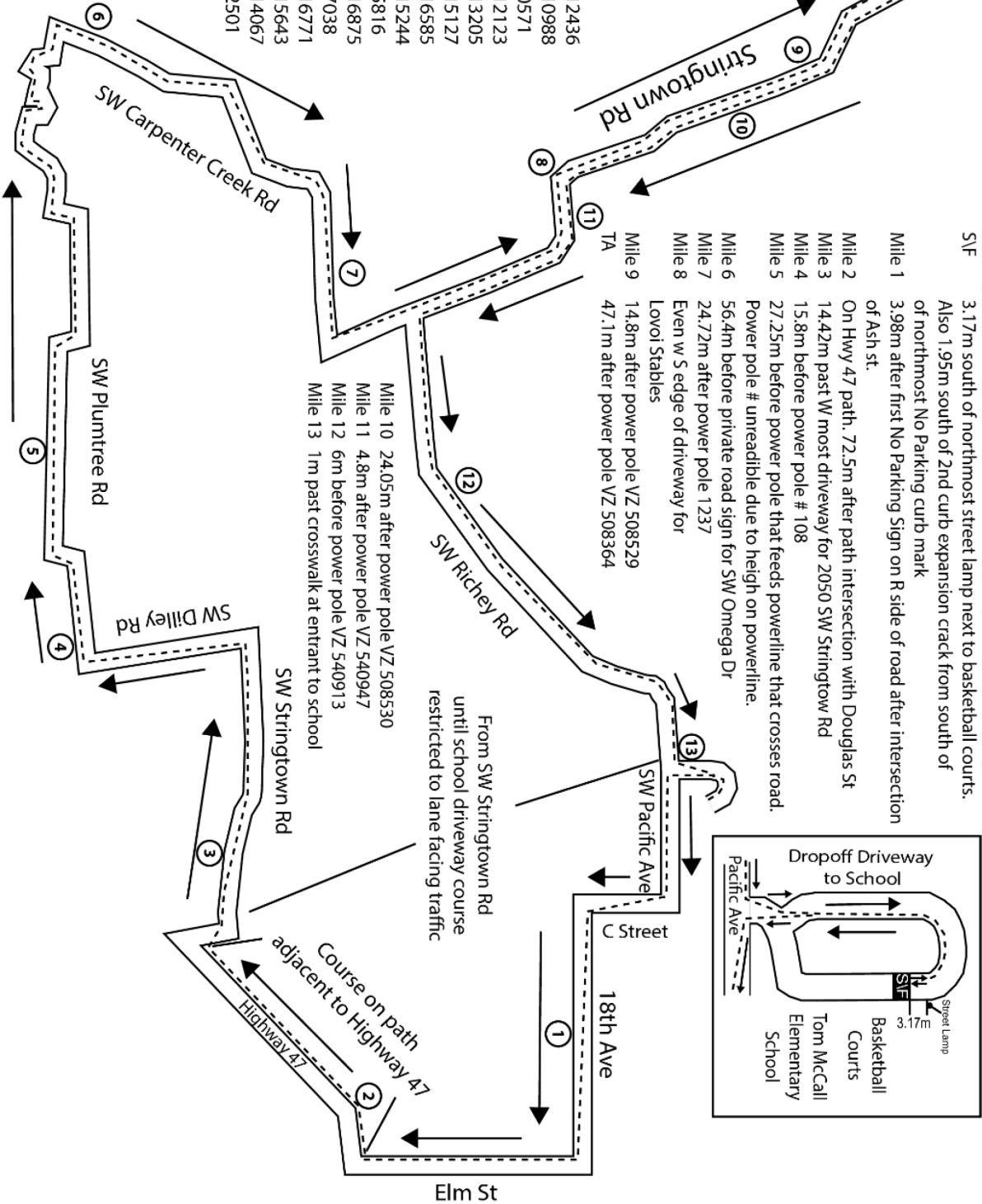
Mile 10 24.05m after power pole VZ 508530
 Mile 11 4.8m after power pole VZ 540947
 Mile 12 6m before power pole VZ 540913
 Mile 13 1m past crosswalk at entrant to school

TURN AROUND DETAIL



GPS Coordinates

S/F	45.52121, -123.12436
Mile 1	45.51706, -123.10988
Mile 2	45.5089, -123.10571
Mile 3	45.50489, -123.12123
Mile 4	45.49941, -123.13205
Mile 5	45.49938, -123.15127
Mile 6	45.49957, -123.16585
Mile 7	45.50799, -123.15244
Mile 8	45.5165, -123.15816
Mile 9	45.52853, -123.16875
TA	45.5338, -123.17038
Mile 10	45.52762, -123.16771
Mile 11	45.51648, -123.15643
Mile 12	45.51208, -123.14067
Mile 13	45.5202, -123.12501



Measured by Jeff Huber on
 12/16/19, 12/22/19
 jeff@hubertiming.com
 Online map:
<https://bit.ly/2M5HdGh>

Jeff Huber