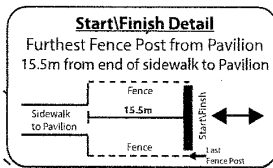
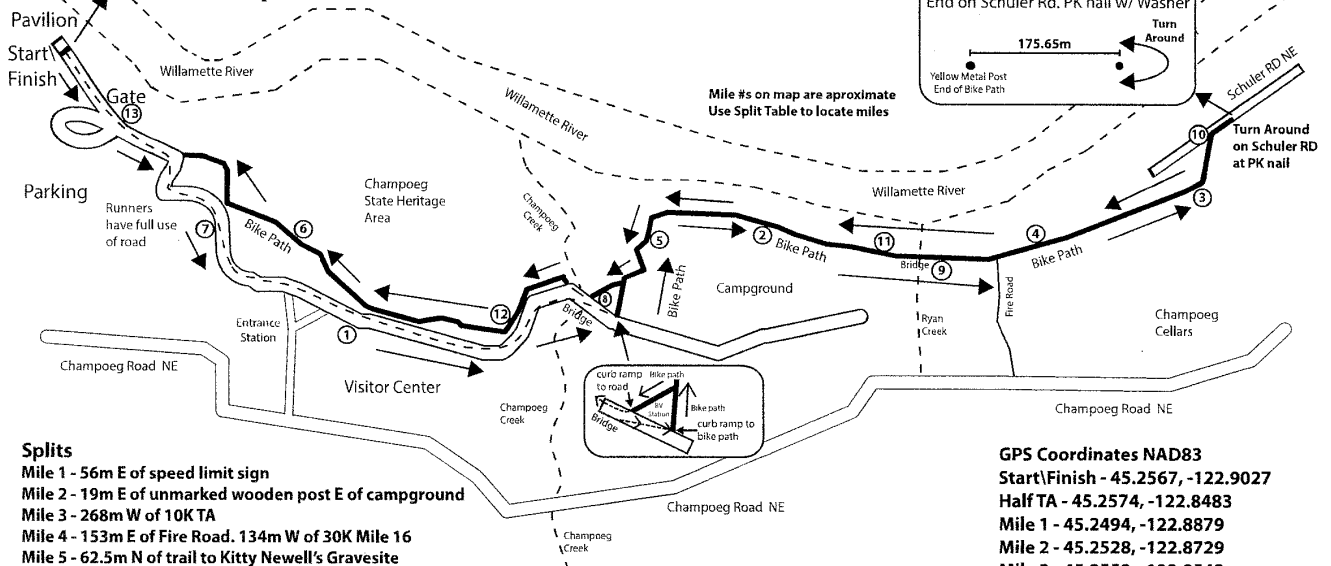
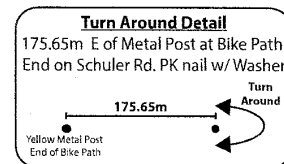


ORRC Champoeg Half Marathon - St. Paul OR
USATF Certification # OR18002LB
Certification effective from 2/27/2018 to 12/31/2028

Measured by Jeff Huber
on 1/27/18
jeff@hubertiming.com



**Course is 2 LAPS of the route with each lap
beginning and ending at the Start/Finish**

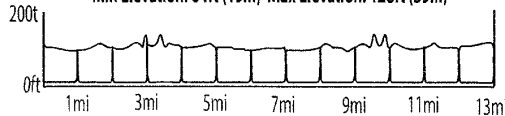


Splits

Mile 1 - 56m E of speed limit sign
Mile 2 - 19m E of unmarked wooden post E of campground
Mile 3 - 268m W of 10K TA
Mile 4 - 153m E of Fire Road. 134m W of 30K Mile 16
Mile 5 - 62.5m N of trail to Kitty Newell's Gravesite
Mile 6 - 1.8m E of Marker Survey Post
Mile 7 - 60m S of Historic Wood Post marking Napolean St/Orlean St
Mile 8 - 5.5m E of Sign Butteville General Store 2.4 Miles
Mile 9 - 223m W of Fire Road. 123m E of Ryan Creek Bridge
Mile 10 - 24m W of Metal Post where Bike Path Ends
Mile 11 - 185m W of W end of Ryan Creek Bridge
Mile 12 - On Bike Path immediately adjacent to Disc Golf throwing platform before Bike Path turns sharply
Mile 13 - 17m W of Mailbox # 8035 in Townsite Day Use Parking Lot

Total Elevation Gain: 250ft (76m)

Min Elevation: 64ft (19m) Max Elevation: 128ft (39m)



GPS Coordinates NAD83

Start/Finish - 45.2567, -122.9027
Half TA - 45.2574, -122.8483
Mile 1 - 45.2494, -122.8879
Mile 2 - 45.2528, -122.8729
Mile 3 - 45.2552, -122.8543
Mile 4 - 45.2529, -122.8599
Mile 5 - 45.2518, -122.8785
Mile 6 - 45.2521, -122.8941
Mile 7 - 45.2526, -122.8977
Mile 8 - 45.2503, -122.8805
Mile 9 - 45.2518, -122.8641
Mile 10 - 45.2565, -122.8501
Mile 11 - 45.2520, -122.8685
Mile 12 - 45.2494, -122.8844
Mile 13 - 45.2557, -122.9008



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course ORRC Champoeg Half Marathon Distance 42.195 km
Location (state) Oregon (city) St. Paul
Type of course: road race ☒ calibration course ☐
Measuring method: bicycle ☒ steel tape ☐ electronic distance meter ☐
Measured by (name, address, phone & e-mail) Jeff Huber 7965 SW 135th Ave. Beaverton, OR 97008
503-936-7187 jeff@hubertiming.com
Race contact (name, address, phone & e-mail) Alan Smith 4840 SW Western Ave. #200
Beaverton, OR 97005 503-816-2510 technology@oregonroadrunners club.org
Date(s) when course measured: January 27, 2018
Number of measurements of entire course: 2 Course Configuration: one loop 2X
Elevation (meters above sea level) Start 31m Finish 31m Highest 39m Lowest 19m
Straight line distance between start & finish 0 Drop 0 m/km Separation 0 %
Type of surface: paved 100 % dirt % gravel % grass % track %
Effective date of certification: February 27, 2018 Certification code: OR18002LB

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:

Date: February 27, 2018

Lee Barrett – USATF/RRTC Certifier

3027 NE 20th Ave. Portland, OR 97212 503-867-3836 cudapdx@bendtel.net