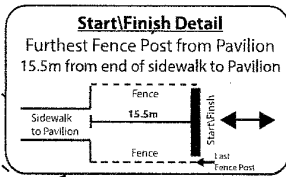


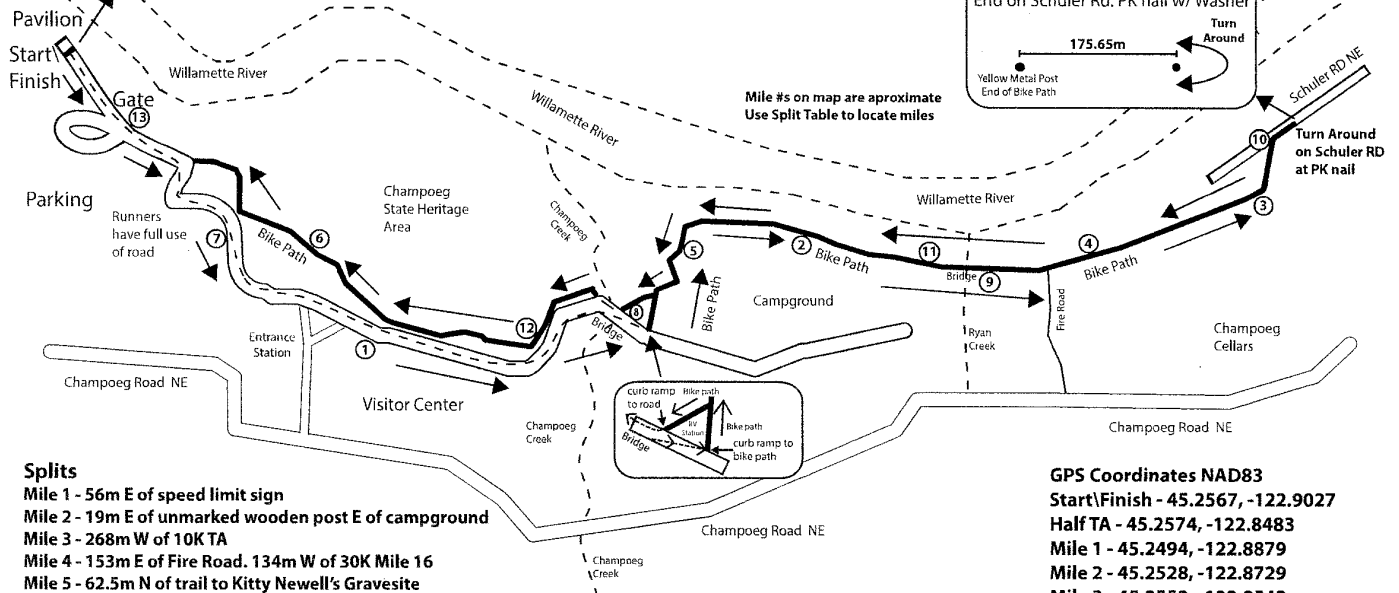
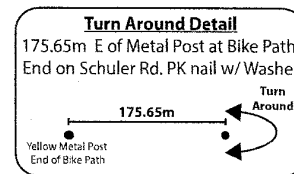
**ORRC Champoeg Half Marathon - St. Paul OR**  
**USATF Certification # OR18002LB**  
**Certification effective from 2/27/2018 to 12/31/2028**



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**

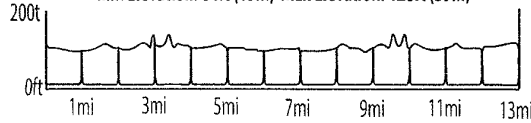


**Splits**

- 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 0 % gravel 0 % grass 0 % track 0 %  
 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