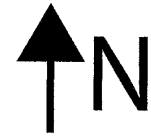


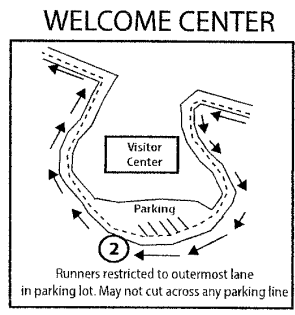
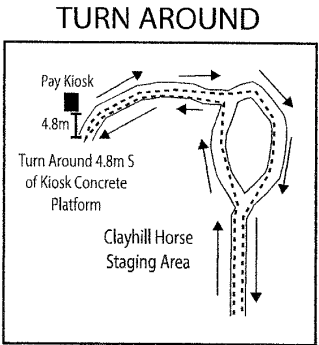
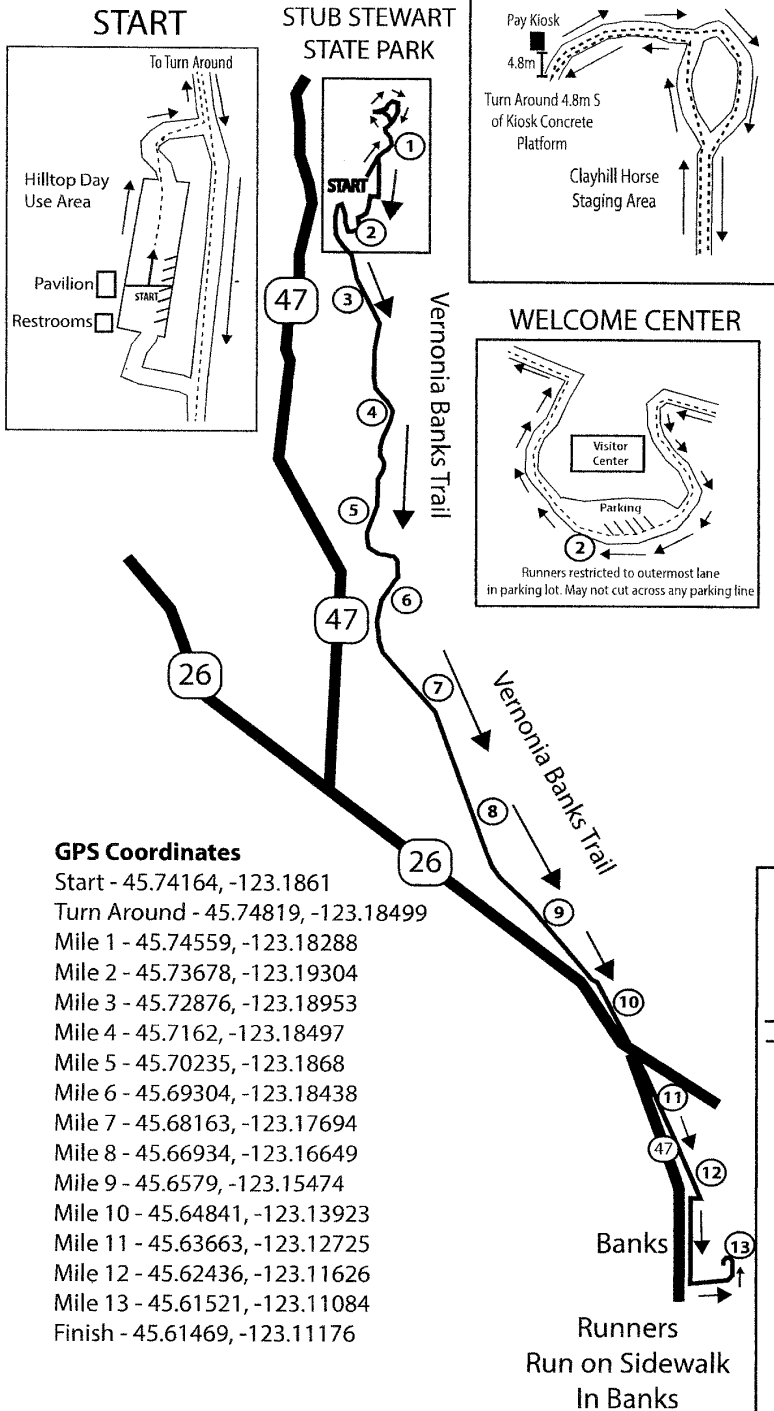


**ORRC Vernonia Half Marathon - Buxton, OR**  
**21.0975K / 13.1 Miles**  
**USATF Certification # OR18011LB**  
**Certification effective from 4/10/2018 to 12/31/2028**



Measured by **Jeff Huber 3/17/2018**  
**jeff@hubertiming.com**  
 Online map: [strava.com/routes/12604144](https://www.strava.com/routes/12604144)

*Jeff Huber*



**SPLITS**

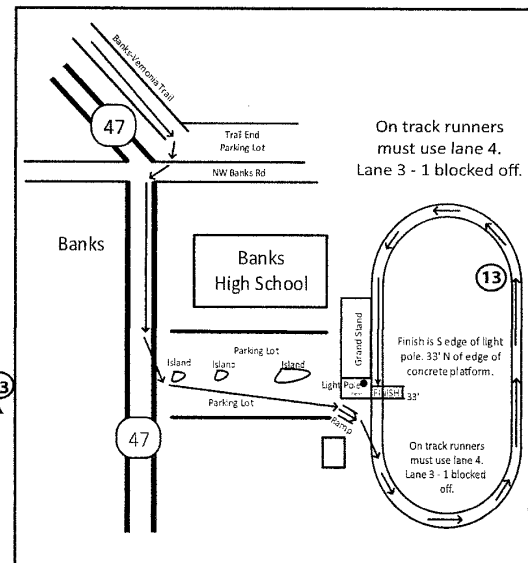
- Start - 4th Parking Stall Line on E side of lot from S.
- Turn Around - In Clayhill Horse Staging Area. 4.8m S of Kiosk Concrete Platform.
- Mile 1 - 40m N of road turning N
- Mile 2 - In Welcome Center lot. Even w 2nd Park and Ride Sign from W side of lot.
- Mile 3 - 34.28m N of Sign 114
- Mile 4 - 54.08m S of Sign 123
- Mile 5 - 71.13m N of Sign 134
- Mile 6 - 130.45m S of Sign 143
- Mile 7 - 30.02m S of Sign 153
- Mile 8 - 25m N bridge
- Mile 9 - 15m S of 30MPH Speed Limit sign on road E of bikepath
- Mile 10 - 562m N of Hwy 26 Overpass
- Mile 11 - Even w Orange Optic Cable Post.
- Mile 12 - At start of Wooden Bridge
- Mile 13 - On NE of track 1.5m N of California Curve
- Finish - S edge of light pole. 33' N of edge of concrete platform.

**GPS Coordinates**

- Start - 45.74164, -123.1861
- Turn Around - 45.74819, -123.18499
- Mile 1 - 45.74559, -123.18288
- Mile 2 - 45.73678, -123.19304
- Mile 3 - 45.72876, -123.18953
- Mile 4 - 45.7162, -123.18497
- Mile 5 - 45.70235, -123.1868
- Mile 6 - 45.69304, -123.18438
- Mile 7 - 45.68163, -123.17694
- Mile 8 - 45.66934, -123.16649
- Mile 9 - 45.6579, -123.15474
- Mile 10 - 45.64841, -123.13923
- Mile 11 - 45.63663, -123.12725
- Mile 12 - 45.62436, -123.11626
- Mile 13 - 45.61521, -123.11084
- Finish - 45.61469, -123.11176

Runners  
Run on Sidewalk  
In Banks

**FINISH**





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

# *Measurement Certificate*



Name of the course ORRC Vernonia Half Marathon Distance 21.0975 km  
 Location (state) Oregon (city) Buxton  
 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) Mark Barrett 4840 SW Western Ave #200  
Beaverton, OR 97005 503-821-9577 Mbarretts@aol.com  
 Date(s) when course measured: March 17, 2018  
 Number of measurements of entire course: 2 Course Configuration: point to point  
 Elevation (meters above sea level) Start 349m Finish 64.6m Highest 376.4 Lowest 59.7  
 Straight line distance between start & finish 15256.58 Drop 13.5 m/km Separation 72.3 %  
 Type of surface: paved 100 % dirt \_\_\_\_\_ % gravel \_\_\_\_\_ % grass \_\_\_\_\_ % track \_\_\_\_\_ %  
 Effective date of certification: April 10, 2018 Certification code: OR18011LB

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: April 10, 2018

Lee Barrett – USATF/RRTC Certifier  
 3027 NE 20th Ave. Portland, OR 97212 503-867-3836 cudapdx@bendtel.net