

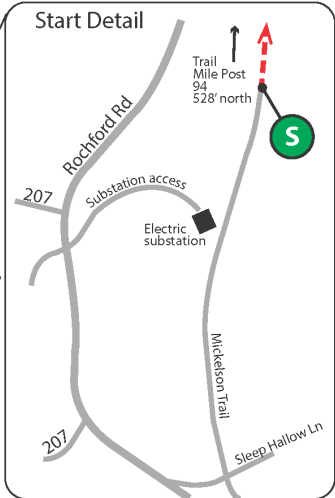
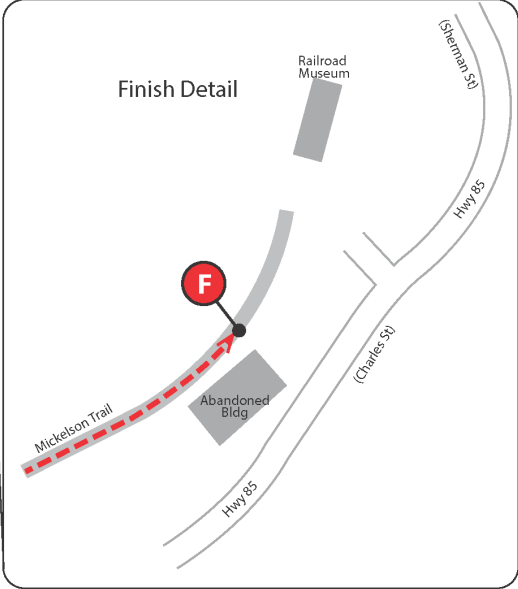
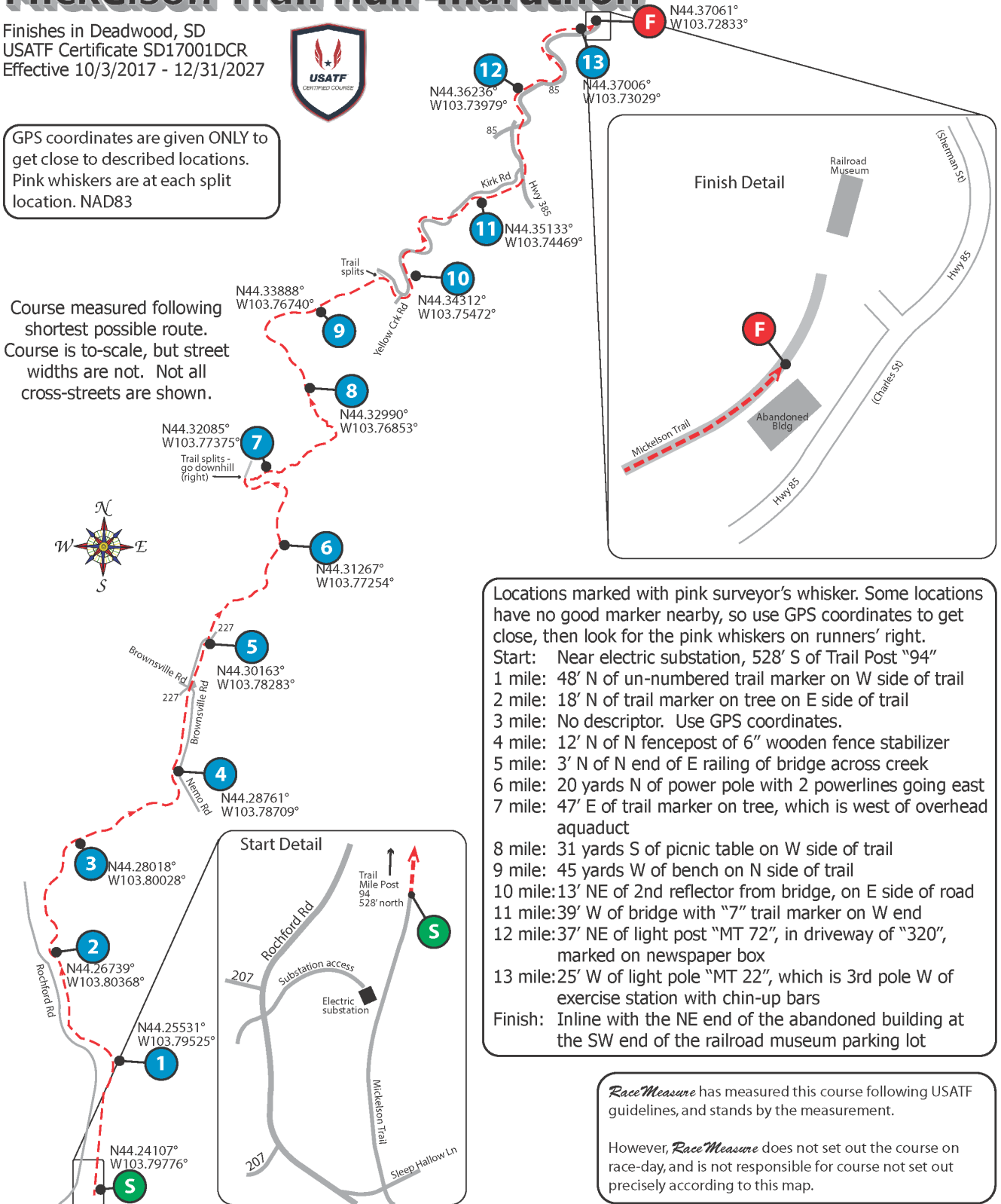
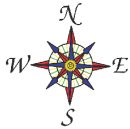
Mickelson Trail Half-marathon

Finishes in Deadwood, SD
 USATF Certificate SD17001DCR
 Effective 10/3/2017 - 12/31/2027



GPS coordinates are given ONLY to get close to described locations. Pink whiskers are at each split location. NAD83

Course measured following shortest possible route. Course is to-scale, but street widths are not. Not all cross-streets are shown.



- Locations marked with pink surveyor's whisker. Some locations have no good marker nearby, so use GPS coordinates to get close, then look for the pink whiskers on runners' right.
- Start: Near electric substation, 528' S of Trail Post "94"
 - 1 mile: 48' N of un-numbered trail marker on W side of trail
 - 2 mile: 18' N of trail marker on tree on E side of trail
 - 3 mile: No descriptor. Use GPS coordinates.
 - 4 mile: 12' N of N fencepost of 6" wooden fence stabilizer
 - 5 mile: 3' N of N end of E railing of bridge across creek
 - 6 mile: 20 yards N of power pole with 2 powerlines going east
 - 7 mile: 47' E of trail marker on tree, which is west of overhead aquaduct
 - 8 mile: 31 yards S of picnic table on W side of trail
 - 9 mile: 45 yards W of bench on N side of trail
 - 10 mile: 13' NE of 2nd reflector from bridge, on E side of road
 - 11 mile: 39' W of bridge with "7" trail marker on W end
 - 12 mile: 37' NE of light post "MT 72", in driveway of "320", marked on newspaper box
 - 13 mile: 25' W of light pole "MT 22", which is 3rd pole W of exercise station with chin-up bars
 - Finish: Inline with the NE end of the abandoned building at the SW end of the railroad museum parking lot

RaceMeasure has measured this course following USATF guidelines, and stands by the measurement.

However, *RaceMeasure* does not set out the course on race-day, and is not responsible for course not set out precisely according to this map.



Start elevation: 6,192' Finish: 4,580' High point: 6,225' Low point: 4,580'
 Measurement, map, and elevation profile by RaceMeasure, September, 2017. www.RaceMeasure.com



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course Deadwood Half-marathon Distance: 21.0975 km
 Location (state) South Dakota City: Deadwood
 Type of course: road race calibration
 Measuring Method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Duane Russell 1484 E Easter Cir, Centennial, CO 80122
720-935-9826 duane@racemeasure.com
 Race Contact (name, address, phone & email) Emily Wheeler, Wheeler Event Mgt
605-390-6137 emily@runcrazyhorse.com
 Date(s) when course measured: Sep. 06, 2017
 Number of measurements of entire course: 2 Course Configuration: point-to-point
 Elevation (meters above sea level) Start 1,893 m Finish 1,394 m Highest 1,907 m Lowest 1,394 m
 Straight line distance between start & finish 15,611 m Drop 23.65 m/km Separation 74.0%
 Type of Surface: Paved 5% Dirt 0% Gravel 95% Grass 0% Track 0%
 Effective date of certification: Oct. 03, 2017 Certification code: SD17001DCR

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 **2027**

AS NATIONALLY CERTIFIED BY

Duane Russell

Date: Oct. 3, 2017

Duane Russell - USATF/RRTC Certifier
 1484 E Easter Cir, Centennial, CO 80122 720-935-9826 duane@racemeasure.com

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