



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

Measurement Certificate



Name of the course Drop 13 Half Marathon Distance 21.0975 km
 Location (state) UT (city) Cottonwood Heights
 Type of course: Road Race
 Measuring Methods: Bicycle
 Measured By Walter Brown, 777 E 750 S, Salem, UT 84653, Runwithwalter@gmail.com, 801-381-7089
 Race Contact Joe Coles, 8859 Cottonwood Canyon Rd, 84050, (801) 513-9103, joe@onhillevents.com
 Date(s) when course measured: 06/05/2023
 Number of measurements of entire course: 2 Course Configuration: Point-to-point
 Elevation (meters above sea level) Start 2,414.00 Finish 1,422.00 Lowest 1,422.00 Highest 2,414.00
 Straight line distance between start and finish 17010m Drop 47.02 m/km Separation 80.63 %
 Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
 Effective date of certification: June 8, 2023 Certification code: UT23004TJD

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.

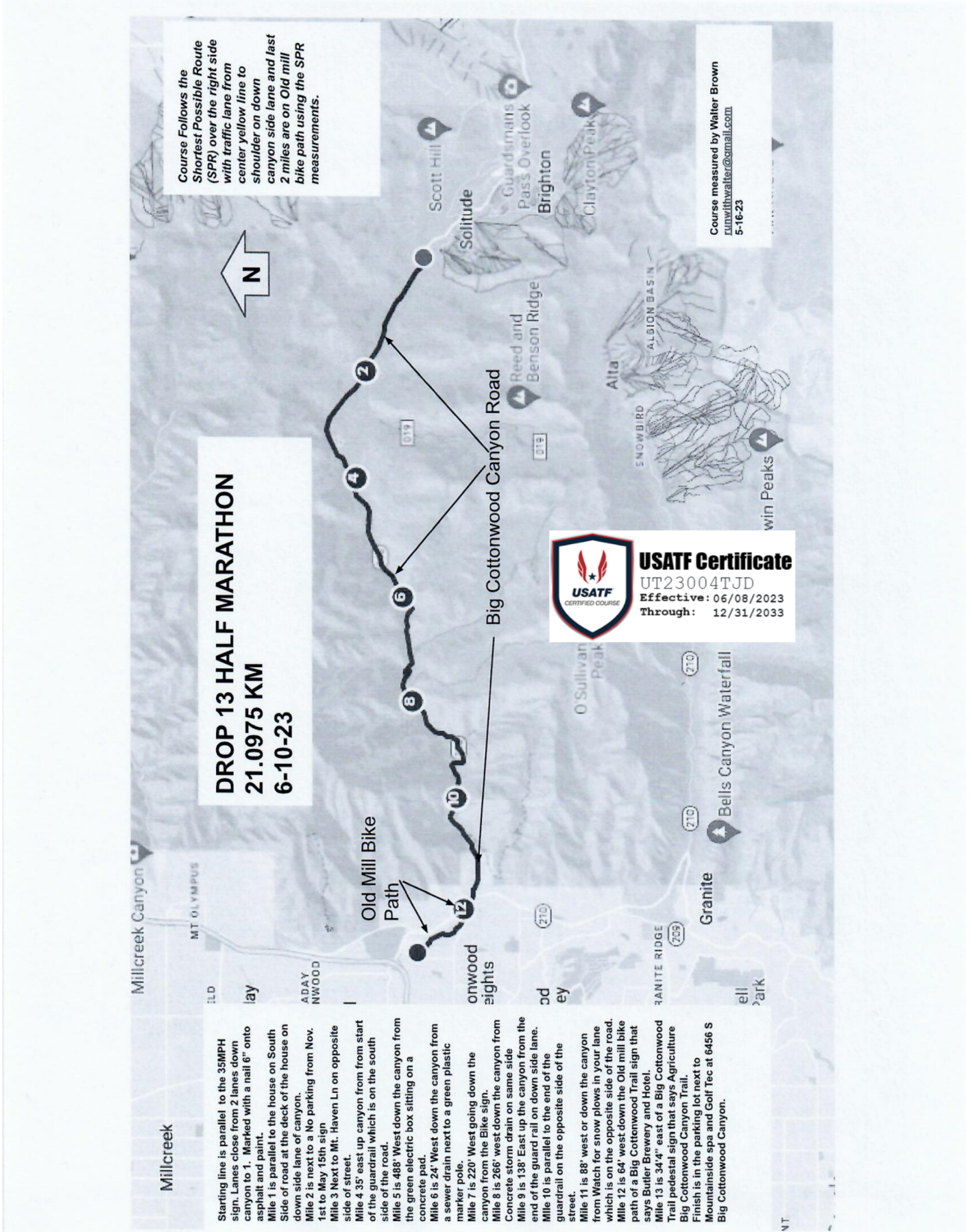
Verification of Course --- In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 of the year: **2033**

AS NATIONALLY CERTIFIED BY:

Date: June 10, 2023

Trevor Darmstetter - USATF/RRTC Certifier - 803 N Bristol St, Wichita KS 67206
 (316) 833-6050 - trevor@timerguys.com



Course Follows the Shortest Possible Route (SPR) over the right side with traffic lane from center yellow line to shoulder on down canyon side lane and last 2 miles are on Old mill bike path using the SPR measurements.

Course measured by Walter Brown
 rumwithwater@gmail.com
 5-16-23

DROP 13 HALF MARATHON
21.0975 KM
6-10-23

USATF Certificate
 UT23004TJD
 Effective: 06/08/2023
 Through: 12/31/2033

- Mile 1 Starting line is parallel to the 35MPH sign. Lanes close from 2 lanes down canyon to 1. Marked with a nail 6" onto asphalt and paint.
 - Mile 1 Side of road at the deck of the house on down side lane of canyon.
 - Mile 2 is next to a No parking from Nov. 1st to May 15th sign
 - Mile 3 Next to Mt. Haven Ln on opposite side of street.
 - Mile 4 35' east up canyon from start of the guardrail which is on the south side of the road.
 - Mile 5 is 488' West down the canyon from the green electric box sitting on a concrete pad.
 - Mile 6 is 24' West down the canyon from a sewer drain next to a green plastic marker pole.
 - Mile 7 is 220' West going down the canyon from the Bike sign.
 - Mile 8 is 266' west down the canyon from Concrete storm drain on same side
 - Mile 9 is 138' East up the canyon from the end of the guard rail on down side lane.
 - Mile 10 is parallel to the end of the guardrail on the opposite side of the street.
 - Mile 11 is 88' west or down the canyon from Watch for snow plows in your lane which is on the opposite side of the road.
 - Mile 12 is 64' west down the Old mill bike path of a Big Cottonwood Trail sign that says Butler Brewery and Hotel.
 - Mile 13 is 34'4" east of a Big Cottonwood Trail pedestal sign that says Agriculture Big Cottonwood Canyon Trail.
- Finish is in the parking lot next to Mountside spa and Golf Tec at 6456 S Big Cottonwood Canyon.

