



Road Running Technical Council  
USA Track & Field

Measurement Certificate



Name of the course Rock 'n' Roll Half Marathon Distance 21.0975 km

Location (state) DC (city) Washington

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Robert Thurston, 13 Kennedy St NE, Washington, DC 20011. 202-431-0585 thurret@aol.com

Race Contact Keith Dowling, keith@dowlingeventmanagement.com (703) 622-2127

Date(s) when course measured: 12/30/2022; 01/27/2023

Number of measurements of entire course: 2 Course Configuration: point to point

Elevation (meters above sea level) Start 2.00 Finish 4.00 Lowest 2.00 Highest 61.00

Straight line distance between start and finish 1078m Drop 0.09 m/km Separation 5.10 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: March 6, 2023 Certification code: DC23002RT

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.

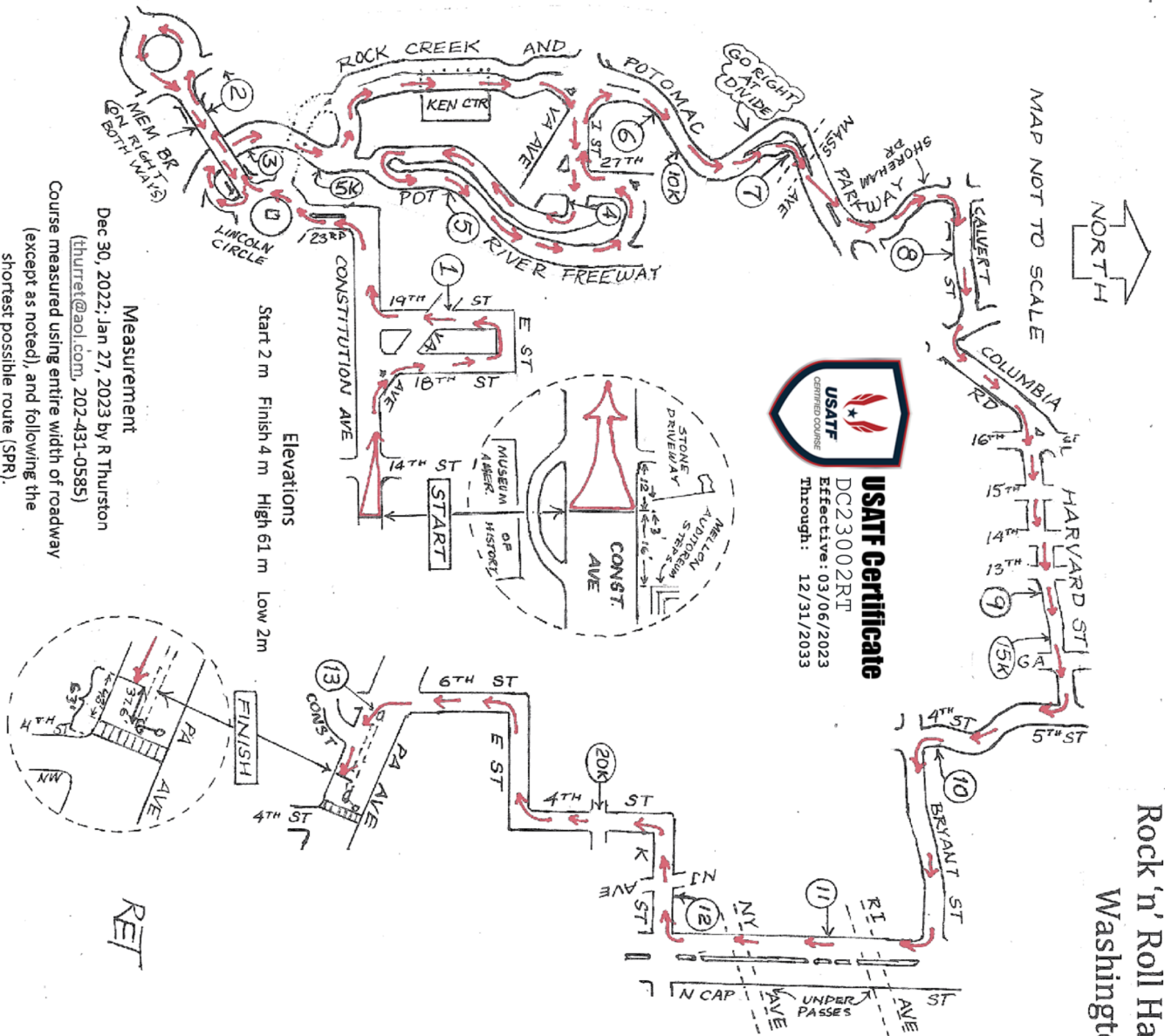
This certification expires on December 31 of the year: **2033**

AS NATIONALLY CERTIFIED BY:

Date: March 6, 2023

Robert Thurston - USATF/RRTC Certifier - 13 Kennedy St NE , Washington DC 20011  
(202) 431-0585 - thurret@aol.com

# Rock 'n' Roll Half Marathon Washington, DC



**Measurement**  
Dec 30, 2022; Jan 27, 2023 by R Thurston  
(thurstat@aol.com, 202-431-0585)  
Course measured using entire width of roadway  
(except as noted), and following the  
shortest possible route (SPR).

**Elevations**  
Start 2 m Finish 4 m High 61 m Low 2m



**Locations**

- Start: Constitution Avenue NW, 144 y East of E edge 14th St NW; 12' E of stone driveway across from American History Museum, 16' W of Mellon Auditorium steps, 3' E of center, westmost tall flagpole.
  - 1 mi: 19th St NW, 2' S of NW corner at VA Ave; even with S edge of manhole in W-most lane.
  - 2 mi: Mem Bridge outbound, 12' past light pole # 7 from Virginia side; 12' before storm drain.
  - 3 mi: Ohio Drive, 66' past Mem Br overpass; 39' before Lincoln steps.
  - 5K: Ohio Drive, 68' past Parkway (2nd) overpass.
  - 4 mi: Approach to Freeway (I St), 22' before utility pole #28432, 5' past end of driveway on R.
  - 5 mi: N-bound on Freeway, under bridge #1205, ~10' S of N edge of overpass.
  - 6 mi: R Creek Parkway, 107 y past "35 MPH" sign.
  - 10K: R Creek Parkway, 55' before 2nd L-pole on left before P St entrance/exit.
  - 7 mi: R Creek Parkway, 92' before brown sign (Cathedral & Connecticut Aves); 87 y before Mass Ave overpass.
  - 8 mi: Calvert St, 64 y past E edge, Biltmore St, in front of #1954 Calvert St.
  - 9 mi: Harvard St, 20' R of E crosswalk at 13th St.
  - 15K: Harvard St, 3' past steps to #720 (R); property line between 707/709 (L)
  - 10 mi: 4th St, 35' before corner of Bryant; 4' N of storm drain (L).
  - 11 mi: In front of steps to #1738; 9' before "No Parking" sign; 25' past island on right.
  - 12 mi: K St, 50' before NJ Ave crosswalk; 21' before bus shelter (R).
  - 20K: 6th and G St intersection: 2' past manhole; 34' before south crosswalk.
  - 13 mi: PA Ave, immediately after L turn onto R side; 15' past L-pike in median; 9.5' E of start of crosswalk.
  - Finish: PA Ave: on R side, 9' W of tall light pole; 43' before 4th St crosswalk; 63' W of corner, 4th St in median area, 37.6' W of median light pole.
- Points are marked with the letter "R".*

Rock 'n' Roll Half Marathon 2023  
Coordinates and Descriptions

| Point  | N Lat.      | W Long.    | Description   |
|--|-------------|------------|---|
| Start  | 38° 53.533' | 77° 1,819' | <b>Start:</b> Constitution Avenue NW, 144 y East of E edge 14 <sup>th</sup> St NW; 12' E of stone driveway across from American History Museum; 16' W of steps to Mellon Auditorium; 3' E of center, westmost tall flagpole |
| R1   | 38° 53.623' | 77° 2.614' | <b>1 mi:</b> 19 <sup>th</sup> St NW, 2' S of NW corner at VA Ave; at S edge of manhole  |
| R2   | 38° 53.195' | 77° 3.472' | <b>2 mi:</b> Mem Br outbound, 12' past I/ pole # 7 from VA side; 12' bef storm drain.   |
| R3   | 38° 53.329' | 77° 3.148' | <b>3 mi:</b> Ohio Drive, 66' past Mem Br overpass; 39' before Lincoln steps.  |
| R 5K   | 38° 53.417' | 77° 3.130' | <b>5K:</b> Ohio Drive, 68' past Parkway (2 <sup>nd</sup> ) overpass.  |
| R4   | 38° 54.039' | 77° 3.332' | <b>4 mi:</b> Approach to Freeway (I St), 22' bef pole #28432; 5' past end of d/way on R   |
| R5   | 38° 53.757' | 77° 3.210' | <b>5 mi:</b> N-bound on Freeway, under bridge #1205, ~10' S of N edge of overpass   |
| R6   | 38° 54.432' | 77° 3.281' | <b>6 mi:</b> Rock Creek Parkway, 107 y past "35 MPH" sign   |
| R 10K  | 38° 54.538' | 77° 3.114' | <b>10K:</b> R Creek Parkway, 55' before 2 <sup>nd</sup> L-pole on left before P St entrance/exit  |
| R7   | 38° 55.007' | 77° 3.504' | <b>7 mi:</b> RC Pkwy, 92' bef brown sign (Cath & Conn Aves); 87 y bef Mass Ave bridge   |
| R8   | 38° 55.391' | 77° 2.798' | <b>8 mi:</b> Calvert St, 64 y past E edge, Biltmore St; in front of #1954 Calvert St.   |
| R9   | 38° 55.607' | 77° 1.769' | <b>9 mi:</b> Harvard St, 20' R of E crosswalk at 13 <sup>th</sup> St.   |
| R 15K  | 38° 55.623' | 77° 1.415' | <b>15K:</b> Harvard St, 3' past steps to #720 (R); property line between 707/709 (L)  |
| R10  | 38° 55.231' | 77° 1.079' | <b>10 mi:</b> 4 <sup>th</sup> St, 35' before corner of Bryant; 4' N of storm drain (L).   |
| R11  | 38° 54.826' | 77° 0.550' | <b>11 mi:</b> In front of steps to #1738; 9' bef "No Parking" sign; 25' past island (R)   |
| R12  | 38° 54.155' | 77° 0.805' | <b>12 mi:</b> K St, 50' before NJ Ave crosswalk; 21' before bus shelter (R).  |
| R 20K  | 38° 53.901' | 77° 0.974' | <b>20K:</b> 6 <sup>th</sup> and G St intersection: 2' past manhole; 34' before south crosswalk.   |
| R13  | 38° 53.562' | 77° 1.184' | <b>13 mi:</b> PA Ave, immediately after L turn onto R side: 15' past L-pole in median; 9.5' E of start of crosswalk.  |
| R Fin  | 38° 53.528' | 77° 1.070' | <b>Finish:</b> PA Ave: on R side, 9' W of tall light pole; 43' before 4 <sup>th</sup> St crosswalk; 63' W of corner, 4 <sup>th</sup> St. In median area, 37.6' W of median light pole.                                      |
| <b>Note: Points are marked with the letter "R"</b> |             |            |   |