



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



Name of the course Marine Corps Historic Half Marathon version 2023 Distance 21.0975 km  
Location (state) VA (city) Fredericksburg  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Vic Culp, 217 Marion St, Fredericksburg, VA 22405 240-310-4803 vic@farc.org  
Race Contact Bret Schmidt, PO Box 188, Quantico, VA 22154. 703-784-2225 bret.schmidt@usmc.mccs.org  
Date(s) when course measured: 05/03/2023, 05/04/2023  
Number of measurements of entire course: 2 Course Configuration: keyhole  
Elevation (meters above sea level) Start 77.00 Finish 77.00 Lowest 9.00 Highest 78.00  
Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %  
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %  
Effective date of certification: May 10, 2023 Certification code: VA23013RT

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: May 12, 2023

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

# Marine Corps Historic Half Marathon

version 2023

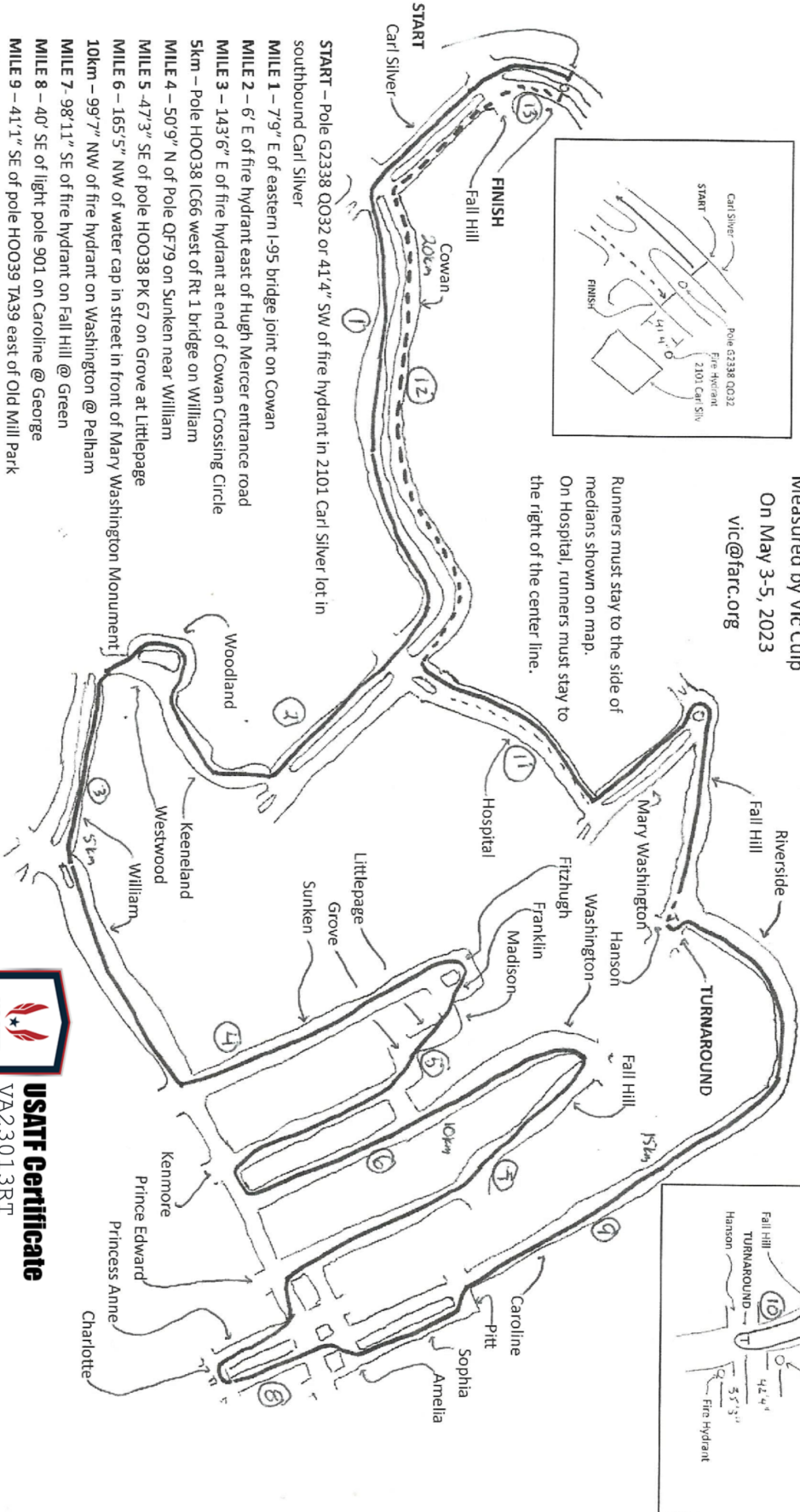
Fredericksburg, VA

Measured by Vic Culp

On May 3-5, 2023

vic@farc.org

Runners must stay to the side of medians shown on map. On Hospital, runners must stay to the right of the center line.



- START** – Pole G2338 QO32 or 41'4" SW of fire hydrant in 2101 Carl Silver lot in southbound Carl Silver
- MILE 1** – 7'9" E of eastern I-95 bridge joint on Cowan
- MILE 2** – 6' E of fire hydrant east of Hugh Mercer entrance road
- MILE 3** – 143'6" E of fire hydrant at end of Cowan Crossing Circle
- 5km** – Pole H0038 IC66 west of Rt 1 bridge on William
- MILE 4** – 50'9" N of Pole QF79 on Sunken near William
- MILE 5** – 47'3" SE of pole H0038 PK 67 on Grove at Littlepage
- MILE 6** – 165'5" NW of water cap in street in front of Mary Washington Monument
- 10km** – 99'7" NW of fire hydrant on Washington @ Pelham
- MILE 7** – 98'11" SE of fire hydrant on Fall Hill @ Green
- MILE 8** – 40' SE of light pole 901 on Caroline @ George
- MILE 9** – 41'1" SE of pole H0039 TA39 east of Old Mill Park
- 15km** – 25'1" NW of pole H0039 RD39 west of Forbes
- TURNAROUND** – 42'4" SE of pole H0039 MC83 and 35'3" NW of fire hydrant on Fall Hill @ Hanson
- MILE 10** – 11'2" E of pole H0039 MC83 after runners pass the turnaround
- MILE 11** – 44'11" NE of light pole on garage side near uphill stop bar
- MILE 12** – 55'2" W of fire hydrant on south side of Cowan at first break in median east of I-95
- 20km** – 39'4" E of drain cap on Cowan at Rob's Car Wash entrance
- MILE 13** – 25'5" NE of fire hydrant at Sheetz
- FINISH** – Pole G2338 QO32 or 41'4" SW of fire hydrant in 2101 Carl Silver in northbound Carl Silver



Except for noted restriction on Hospital, this course was measured using the full width of the road and the Shortest Possible Route. On divided roads measured to the right of the median.