



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



Name of the course Richmond 1/2 Marathon 2023 Distance 21.0975 km  
Location (state) VA (city) Richmond  
Type of course: Road Race  
Measuring Methods: Bicycle  
Measured By Michael George, 12621 hidden oaks lane, richmond, VA 23233, mwgeorge10@gmail.com, 804-337-4002  
Race Contact Richmond Sportsbackers, 100 Ave of Champions, Richmond VA. 804-205-9495 megan@sportsbackers.org  
Date(s) when course measured: 8/11/2023, 8/17/2023, 9/22/2023  
Number of measurements of entire course: 2 Course Configuration: loop  
Elevation (meters above sea level) Start 53.00 Finish 15.00 Lowest 15.00 Highest 79.00  
Straight line distance between start and finish 1011m Drop 1.80 m/km Separation 4.80 %  
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %  
Effective date of certification: November 3, 2023 Certification code: VA23031RT

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.

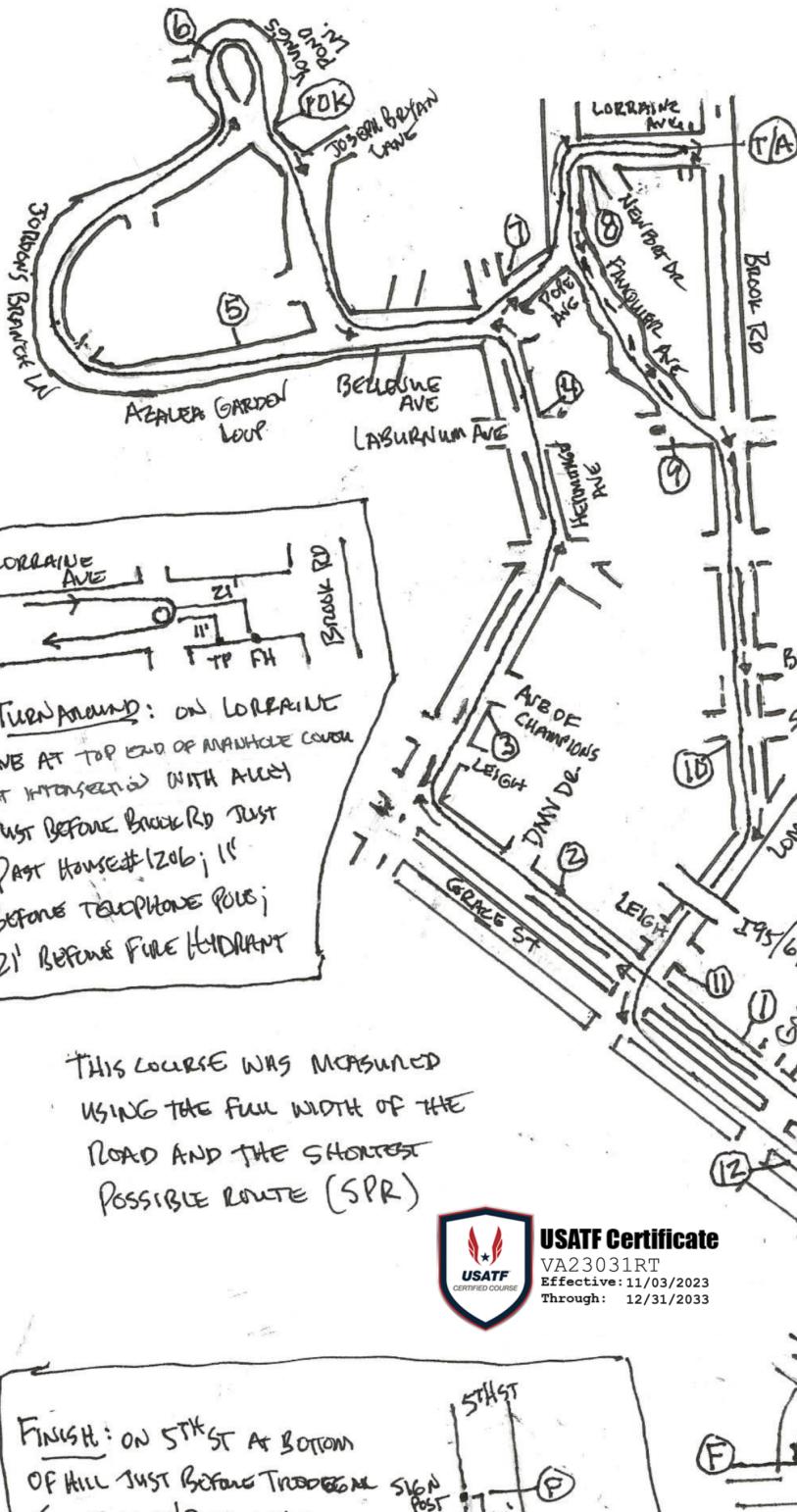
**Verification of Course ---** In the event a National Open Record is set on the course, or at the discretion of USA Track & Field, a verification measurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then 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: November 9, 2023

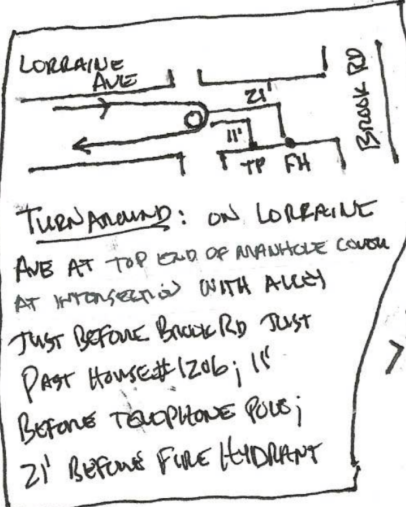
Robert Thurston - USATF/RRTC Certifier - 13 Kennedy St NE , Washington DC 20011  
(202) 431-0585 - thurret@aol.com



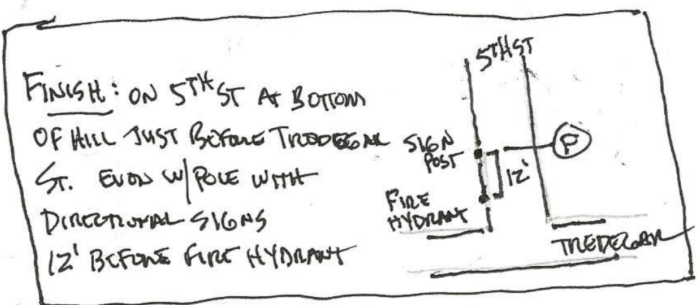
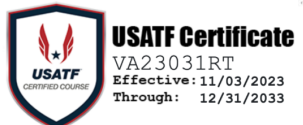
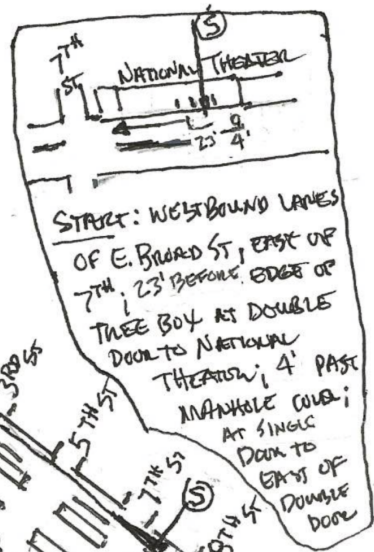
**RICHMOND 1/2 Marathon**  
 RICHMOND, VA

MEASURED BY MICHAEL GEORGE  
 MNGEORGE10@gmail.com  
 804-331-4057  
 MEASURED 8/11/23, 8/11/23,  
 9/22/23

RUNNERS RESTRICTED TO  
 RIGHT LANES ON STREETS  
 WITH MEDIANS. ALL OTHER  
 STREETS ARE CLOSED TO  
 VEHICLES.  
 ALL STREETS COMMON TO  
 BOTH FULL AND 1/2  
 MARATHONS ARE COVERED  
 WITH FULL ON THE RIGHT  
 AND 1/2 ON THE LEFT



THIS COURSE WAS MEASURED  
 USING THE FULL WIDTH OF THE  
 ROAD AND THE SHORTEST  
 POSSIBLE ROUTE (SPR)



MAP NOT TO SCALE

## Richmond Half-Marathon - 2023

START: North side of Broad St.; at the single door east of the National Theater double door to the right of the box office window; 4' past the sewer manhole cover in the street; 16' past the tree box at the double doors of 1712 E. Broad St.; 23' before the tree box at the double doors for the National Theater

MILE 1: even with green lamppost that is 16' past the sidewalk tree box at 916 W. Broad St.; 14' before the manhole cover in the street.

MILE 2: Broad St. in front of DMV; 19' past 1st tree box with a green bench; 12' before the 2nd tree box with a green bench; 48' past the green lamppost past the entrance to the DMV

MILE 3: on Arthur Ashe Blvd. 21' before the 2nd telephone pole from the intersection with Avenue of Champions; 80' before the drain opening in the curb just before the intersection

MILE 4: Hermitage Rd. just north of Laburnum Ave. intersection at manhole cover in grass; 13' before green pole with school speed limit lights; 12' past river traffic light pole

MILE 5: on Azalea Garden loop; past the stonewalled former pond with fountain; 100' past the last wood post at the far end of the row of posts; 88' past the picnic table; 50' past the One Way sign; 4' before the portajohn

MILE 6: on Young's Pond lane at the bottom of the hill on the west side of Shelter #1; 47' past the street sign at the intersection with the unnamed service road; 71' past the drain pipe in the stone wall at the intersection

10k: at the intersection of Young's Pond Lane and Joseph Bryan Lane; 41' past the wood post at the end of the parking lot on the left on the east side of Shelter #1; 30' before telephone pole with No Parking sign

MILE 7: Pope Ave.; through the arch, past the 1st driveway and 1st green light pole on right; 22' before the paver stone driveway on the left; 53' before the the green lamppost on the right that is even with the manhole cover in the street prior to house #1627

Turnaround: Lorraine Ave. at the top end of the manhole cover at the alley intersection just past house #1206; 11' before the telephone pole; 21' before the silver fire hydrant

MILE 8: center of house #1425 Lorraine Ave.; 39' before the leading edge of the house driveway; 70' past the center line of Newport Dr. at the intersection with Lorraine

MILE 9: Center of eastbound lanes of Laburnum Ave. at Brook Road intersection; 25' S. of concrete median

MILE 10: Brook Road, just S. of Sherwood intersection; 4.5' S. of green traffic light pole on SW corner; 25' N of telephone pole SPSK6996435

MILE 11: SE corner of Lombardy and Leigh at drain opening in curb; 2' N. of crosswalk sign pole; 6'S. of green traffic light pole

MILE 12: west side of #413 Grace St., 10' E. of green light pole in front of #415 Grace

MILE 13: 5th St. south of Byrd; between 5th and 6th light pole south of Byrd on west side of street; 38.5 ft. S. of 5th light pole; 17 ft, N. of 6th light pole

FINISH: on 5th St. at bottom of hill just before Tredegar St.; even with the pole with the directional signs; 12' N. of fire hydrant.