



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

# **Measurement Certificate**



Name of the course RDC Marathon - South 2024 Distance 42.195 km  
 Location (state) NC (city) Durham  
 Type of course: Road Race  
 Measuring Methods: Bicycle  
 Measured By Brad Smythe, 7928 Brandyapple Drive, Raleigh, NC 27615, bdsmythe78@yahoo.com, 919-208-8616  
 Race Contact Jason Biggs, 8425 Eden Park Dr, Raleigh, NC 27613, 919-796-4878, Jason@fsseries.com  
 Date(s) when course measured: 8/11/18, 8/12/18, 10/5/24  
 Number of measurements of entire course: 2 Course Configuration: Keyhole  
 Elevation (meters above sea level) Start 86.00 Finish 86.00 Lowest 73.00 Highest 120.00  
 Straight line distance between start and finish 0m Drop 0.00 m/km Separation 0.00 %  
 Type of surface: Paved 73 % Dirt 0 % Gravel 27 % Grass 0 % Track 0 %  
 Effective date of certification: October 5, 2024 Certification code: NC18303BDS

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:*** **2028**

**AS NATIONALLY CERTIFIED BY:**



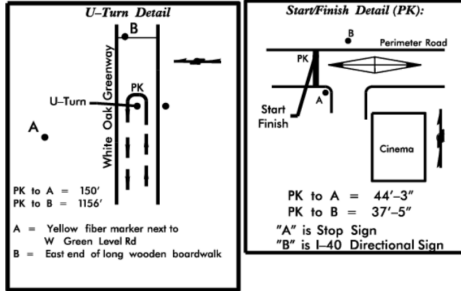
Date: October 14, 2024

Brad Smythe - USATF/RRTC Certifier - 7928 Brandyapple Drive, Raleigh NC 27615  
 (919) 208-8616 - bdsmythe78@yahoo.com

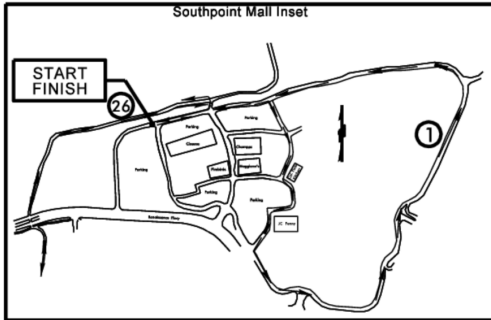
**RDC Marathon – South 2024**  
**Durham, NC**

Measured:

by Brad Smythe  
 bdsmythe78@yahoo.com  
 on Aug. 11 & 12, 2018  
 & October 5, 2024



This course was measured using the full width of the road and the Shortest Possible Route (SPR) unless otherwise noted.

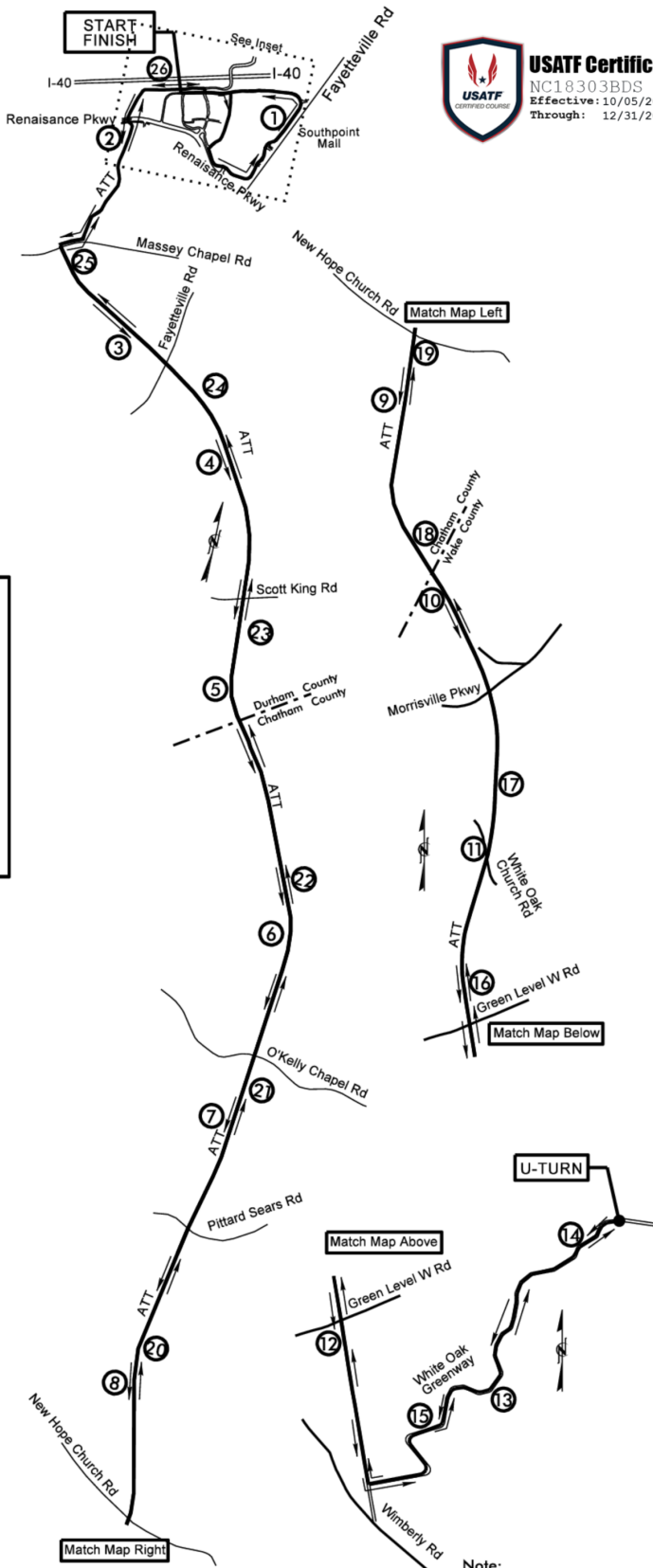


**RDC Marathon – South 2024 Course Directions**

Start on Perimeter Road running East  
 Right on Second Drive through mall  
 Left at California Pizza Kitchen  
 Follow interior mall road along building side  
 Left on Perimeter Road  
 Follow Perimeter Road around mall to ATT Connector  
 Right onto ATT Connector  
 Left onto ATT  
 Follow ATT South to White Oak Greenway  
 Left on White Oak Greenway to U-Turn  
 U-Turn on long wood boardwalk  
 Return on White Oak Greenway  
 Right on ATT  
 Return on ATT North back to mall  
 Right on ATT Connector  
 Right on Perimeter Road to Finish

RDC Marathon – South 2024 Mile Split Location Coordinates:  
 (Marked on course (ATT) with PK Nail and washer on Runner's Right where paved, painted on tree where gravel.)

Mile Split	Lat	Long
Start	35.905745	-78.946815
Mile 1	35.905323	-78.938181
Mile 2	35.903098	-78.950144
Mile 3	35.891444	-78.949122
Mile 4	35.881972	-78.936003
Mile 5	35.867903	-78.932672
Mile 6	35.854895	-78.925024
Mile 7	35.840534	-78.926663
Mile 8	35.826345	-78.929869
Mile 9	35.812056	-78.928932
Mile 10	35.798667	-78.924531
Mile 11	35.784590	-78.922400
Mile 12	35.770502	-78.923273
Mile 13	35.766735	-78.918481
T/A	35.777320	-78.909863
Mile 14	35.77550	-78.91174
Mile 15	35.765739	-78.920608
Mile 16	35.775260	-78.924262
Mile 17	35.789443	-78.921846
Mile 18	35.802882	-78.927433
Mile 19	35.816835	-78.927966
Mile 20	35.831097	-78.929172
Mile 21	35.845633	-78.925942
Mile 22	35.859204	-78.92701
Mile 23	35.872553	-78.933645
Mile 24	35.885931	-78.939006
Mile 25	35.894551	-78.953419
Mile 26	35.905846	-78.947291
Finish	35.905745	-78.946815



Note:  
 Map not to scale  
 Not all streets are shown.