\ ★	Road Running Technical Council USA Track & Field	recognized by RRCA
USATF	Measurement Certificate	

Name of the course <u>NYCRUNS Central Park Half Marathon 2024</u> Distance <u>21.0975 km</u>
Location (state) <u>NY</u> (city) <u>New York</u>
Type of course: <u>Road Race</u>
Measuring Methods: Bicycle
Measured By Matt Slocum, 199 N Fullerton, Montclair, NJ 07042, precisioncoursedesign@gmail.com, 917-725-1709
Race Contact Michele Gretano, NYCRUNS, mgretano@nycruns.com, 718.578.8674
Date(s) when course measured: <u>11/25/2024</u>
Number of measurements of entire course: 2 Course Configuration: Loop (Twice), plus Partial Loop w/ Finish Ta
Elevation (meters above sea level) Start 23.00 Finish 25.00 Lowest 7.00 Highest 39.00
Straight line distance between start and finish <u>661m</u> Drop <u>-0.09</u> m/km Separation <u>3.13</u> %
Type of surface: Paved <u>100 %</u> Dirt <u>0 %</u> Gravel <u>0 %</u> Grass <u>0 %</u> Track <u>0 %</u>
Effective date of certification: November 27, 2024 Certification code: NY24015MNS
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: 2

2034

AS NATIONALLY CERTIFIED BY:

Date: November 27, 2024

Matt Slocum - USATF/RRTC Certifier - 199 N Fullerton, Montclair NJ 07042 (917) 725-1709 - precisioncoursedesign@gmail.com



<u>NYCRUNS Central Park Half Marathon 2024</u> Start Detail

<u>Start</u>: <u>40.771053, -73.978070</u> | On West Dr, between 64th and 65th. Even with the seam in the curb (on the runners' left) which is 21'10" before (NE of) the center of Light Pole (L.P.) W6402 (also on the runners' left). 64'9" before (NE of) the leading (NE) edge of the first (northernmost) of the two storm drains on the runners' left. L.P. W6402 is also roughly across from a black fire hydrant (on the runners' right).



NYCRUNS Central Park Half Marathon 2024 Finish Detail

11'2'



<u>Finish</u>: 40.773634, -73.970966 | On the 72nd St Transverse, near Bethesda Terrace. Even with the leading (E) edge of the white stop line on the W side of the easternmost entrance to the Bandshell. 11'2" before (E of) the center of L.P. W7215/W7214 (L.P. has both numbers, listed on opposite sides) and 6'5" before (E of) the leading (E) edge of the storm drain, which is on the runners' left between the curb divider and the railing.

storm drain

OLMSTED & HAUX HAY

P. W7215/ W7214



NYCRUNS Central Park Half Marathon 2024 Intermediate Splits

All descriptions are given relative to the running direction.

Start: 40.771053. -73.978070 | On West Dr, between 64th and 65th. Even with the seam in the curb (on the runners' left) which is 21'10" before (NE of) the center of Light Pole (L.P.) W6402 (also on the runners' left). 64'9" before (NE of) the leading (NE) edge of the first (northernmost) of the two storm drains on the runners' left. L.P. W6402 is also roughly across from a black fire hydrant (on the runners' right). Please see Start Detail Diagram.

<u>Mile 1</u>: <u>40.772490, -73.968947</u> | On East Dr, 14'3" before (S of) the unmarked L.P. on the runners' left, which is the last L.P. before (S of) the right turn lane from East Dr onto 72nd (turn lane heads E towards 5th Ave). Said L.P. is also the first L.P. on the runners' left after (N of) L.P. E7002.

<u>Mile 2</u>: <u>40.783504</u>, <u>-73.959531</u> | On East Dr, before (S of) Engineers' Gate and the Fred Lebow Statue.</u> 36'3" before (S of) L.P. E8900.

<u>Mile 3</u>: <u>40.795852</u>, <u>-73.954370</u> | On East Dr, on the winding downhill S of the Harlem Meer. 6'5" before L.P. E0605.</u>

<u>5 km</u>: <u>40.796113, -73.955715</u> | On East Dr, on the N side of the park, SW of the Harlem Meer. 14 feet before (S of) L.P. E0610. Said L.P. has a brown sign attached which reads "Lenox Avenue | 110 St. | Right Lane".

<u>Mile 4</u>: <u>40.794006</u>, <u>-73.960093</u> | On West Dr, past (S of) the 102nd St Transverse. 14 feet before (N of) L.P. W0101, which is on the runners' right.

<u>Mile 5</u>: <u>40.782571, -73.969310</u> | On West Dr, next to the rock formations on the runners' left and 37 feet after (S of) L.P. W8203 (on the runners' right).

<u>Mile 6</u>: <u>40.770747, -73.978462</u> | On West Dr, just past (SW of) the start line. 26'9" past (SW of) L.P. W640X (should be W6401). This is the first L.P. past (SW of) L.P. W6402.

<u>10 km</u>: <u>40.768158, -73.979338</u> | On West Dr, near the S end of the park. Between Broadway and 7th Ave and just before (W of) the transition to Center Dr. 50'10" after (SE of) L.P. W6006 and 57 feet before (NW of) L.P. W6007.

<u>Mile 7</u>: <u>40.772887, -73.968865</u> | On East Dr, just before (S of) the intersection with the 72nd St Transverse. 4'6" after (N of) L.P. E7207A and 19'5" before (S of) the leading (S) edge of the storm drain on the runners' left.

<u>Mile 8:</u> <u>40.783872, -73.959226</u> | On East Dr, before (S of) Engineers' Gate and the Fred Lebow Statue. 11'6" before (S of) L.P. E8901. <u>Mile 9</u>: <u>40.795587, -73.954766</u> | On East Dr, on the winding downhill S of the Harlem Meer. Even with the leading edge of the storm drain, which is just before the traffic signal with the green Traffic Control Box #14A attached to it.

<u>**15 km**</u>: <u>40.798989, -73.955329</u> | On East Dr, near the N end of the park. Just before (E of) the transition to West Dr and near the leading (E) edge of Adam Clayton Powell Blvd. 22'9" before (E of) L.P. E0909. Said L.P. has a sign attached which reads "Ted Corbitt Loop".

<u>Mile 10</u>: <u>40.793872, -73.960562</u> | On West Dr, past (S of) the 102nd St Transverse. 21'6" after (S of) L.P. W0004 (on the runners' right) and 17'4" before (N of) the leading (N) edge of the storm drain on the runners' left. Also 2 feet before the leading (N) edge of the *NYC Electrical* metal utility box in the grass (on the runners' right).

<u>Mile 11</u>: <u>40.782175, -73.969384</u> | On West Dr, 3 feet before (N of) L.P. W8105, which is on the runners' right.

<u>Mile 12</u>: <u>40.770483</u>, <u>-73.978812</u> | On West Dr, 48'6" past (SW of) L.P. W6302 and 56'10" before (NE of) L.P. W6301 (which is just past (SW of) the crosswalk). Both light poles are on the runners' left.

<u>20 km</u>: <u>40.768364</u>, <u>-73.975837</u> | On Center Dr, 4 feet past (N of) L.P. C6202, which has a crosswalk signal attached to it. Said L.P. is across from the traffic signal on the runners' right with the green Traffic Control Box #39 attached to it.

<u>Mile 13</u>: <u>40.773257, -73.968983</u> | On East Dr, 18'3" past (NW of) light pole E7207(B?), which is on the runners' left on the curve to the left approaching the finish on the 72nd St Transverse. Said L.P. has a green sign attached with directional arrows for "West Side" and "Uptown".

Finish: 40.773634. -73.970966 | On the 72nd St Transverse, near Bethesda Terrace. Even with the leading (E) edge of the white stop line on the W side of the easternmost entrance to the Bandshell. 11'2" before (E of) the center of L.P. W7215/W7214 (L.P. has both numbers, listed on opposite sides) and 6'5" before (E of) the leading (E) edge of the storm drain, which is on the runners' left between the curb divider and the railing. Please see Finish Detail Diagram.