



Road Running Technical Council USA Track & Field Measurement Certificate



Name of the course	Philadelphia Marathon - 2017					Distan	ice 42.	195 km
	Pennsylvania (city)							
Type of course: ro Measuring method:	ad race 🔀 calibra bicycle 🔀 steel	tion course tape el	lectronic dis	tance mete	er 🔲			
Measured by (name, address, phone & e-mail) Dan Brannen, 4 Strawberry Lane, Morristown, NJ 07960								
danbrannen@earthlink.net, 973.214.1500								
Race contact (name, address, phone & e-mail) _ Jim Marino, Philadelphia Parks & Recreation, 1515 Arch St.								
Philadelphia, PA 19102, jim.marino@phila.gov, 215.683.3686								
Date(s) when course measured: July 8, 9, 10, 2016 & September 13, 2017								
Number of measurements of entire course:2 Course Configuration:					Complex of Loops			
	ve sea level) Start							
Straight line distance l	between start & finish	140 met	ers	Drop	0	m/km	Separation _	0.33 %
Type of surface: pay	red 100 % dirt	%	gravel	%	grass_	%	track	%
Effective date of certif	fication: Sep	tember 30, 2	2017	_ Certific	cation co	ode:	PA16003	BDB
Notice to Race Director: Use this Certification Co in <i>all</i> 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 <i>any</i> 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 this course, or at the discretion of USA Track & Field, a verification remeasurement 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 in the year 2026								
AS NATIONALLY CERTIFIED BY:								
Dan Brai	MTE/DRICC C.C.				Date:	Se	ptember 30), 2017
Dan Brannen – USA	ATF/RRTC Certifier							

4 Strawberry La., Morristown, NJ 07960, 973.214.1500 Danbrannen@earthlink.net

Philadelphia Marathon – 2017 Philadelphia, PA Page 4 of 5

PA16003DB Effective 9/30/2017 to 12/31/2026



Start - On Benjamin Franklin Parkway (BFP), 1' NW of Ivory Coast flagpole (on NE side) and 1' NW of Lithuania flagpole (on SW side). All 6 vehicle lanes of BFP are used for Start.

Turnaround - On Main St. in Manayunk, turning in the clockwise direction on a 5' radius with the center located 40' past (N of) the Northern edge of the curb line for Conarroe St. and 1' NW of fire hydrant on E. side of Main St.

Finish - On Kelly Dr. alongside E. side of Eakins Oval, just past Spring Garden St.; 21' past (South of) storm drain on W side and 70' before (North of) "Parkway Location DE-3" light pole on W side.

1M -On Arch St. between Juniper & 13th Streets; 2' before parking meter kiosk on Left (North) side, which is the only parking meter kiosk between Juniper & 13th.

2M - On Race St. just past 3rd St.; 3' past fire hydrant which is at NE corner of 3rd & Race.

3M - On Columbus Blvd. between Spruce St. traffic light & Lombard Cir. traffic light; even with bow of Moshulu sailing ship (which is permanently docked in river on Left side); even with 5th light pole on Right side proceeding south from Spruce St.

5K - On Columbus Blvd. just past Lombard Cir. 77' past "Lombard Cir." traffic light post.

4M - On Front St. just before Catharine St. 15' before fire hydrant which is at SW corner of Front & Catharine.

5M - On 6th St. just past S. Washington Square; 9' before fire hydrant which is on Left.

6M - On Chestnut St. just past 15th St.; even with trailing edge of SEPTA bus stop kiosk which is on Left side just past 15th St.

10K - On Chestnut St. between 17th & 18th Streets; even with trailing edge of entry door to "Sephora" store (which is #1714 Chestnut) on Left.

7M - On Chestnut St. between 30th & 31st Streets; alongside U.S. Post Office building; 118' past fire hydrant which is on NW corner of Chestnut & 30th.

8M - On 34th @ Spring Garden St.; even with N curb edge of Spring Garden.

9M - On Lansdowne Dr. before Sweetbriar; 24' before util. pole 61889D, which is on Left.

15K - On Lansdowne Dr. before roadway name change to S. Concourse; 40' past util. pole 61878D, which is on Left.

10M - On Ave. of the Republic, just before Belmont Ave., 37' before W-most driveway entrance to Carousel House, which is on Left.

11M - On Lansdowne Dr., alongside the Japanese House on the Left; 60' past util. pole 50851B, which is on Right side.

12M - On MLK Drive, just past S-most entrance to parking lot with small metal boat shed and 14' before light pole C05, which is on Left

20K - On MLK Drive, 30' before light pole B10, which is on Left.

13M - On MLK Drive, 18' past light pole A21, which is on Left.

Half-Marathon - On MLK Drive, 14' before light pole A17, which is on Left.

14M - On Kelly Dr. (NB), at entry/exit access driveway for Philadelphia Art Museum, exactly at center of small concrete/stone circle which separates the driveway's entry & exit roadways.

15M - On Kelly Dr. (NB), just before Girard Ave. bridge overpass, alongside small parking lot on Left side; 23' before light pole E20, which is on Left.

25K - On Kelly Dr. (NB), just past Fountain Green Drive; @ cross-walk across Kelly Dr.; 9' past cross-walk traffic light, which is on Left.

16M - On Kelly Dr. (NB) just past Columbia railroad bridge overpass; 21' before metal stairway on Left, which is at leading edge of Regatta viewing bleacher seats.

17M - On Kelly Dr. (NB) before (South of) Hunting Park Ave.; 21' past light pole K07, which is on Left.

18M - On Kelly Dr. (NB) before (South of) Falls Bridge; 9' before light pole M16, which is on Left.

30K - On Kelly Dr. (NB) on sharp curve to Right before Left turn onto Ridge Ave., 201' before storm drain on Right side and 250' before concrete stairway on Right side.

19M - On Main St. (NB), adjacent to "Fine Wine & Good Spirits" parking lot, 6' past fire hydrant on Left.

20M - On Main St. (SB), after Turnaround, at crosswalk at N side of Levering St., even with trailing edge of entry door to #4390 Main St.

21M - On Main St. (SB), at trailing edge of building #3759 Main St. on Left, and 53' past util. poe 33909B on Right.

35K - On ramp which connects Kelly Dr. with Ridge Ave.; 23' past S-most pillar of City Ave. ramp overpass.

22M - On Kelly Dr. (SB) just before (North of) Falls Bridge; even with light pole N03, which is on Right. **23M** - On Kelly Dr. (SB) past (South of) Hunting Park Ave.; 14' past light pole K12, which is on Right.

24M - On Kelly Dr. (SB), 35' before light pole H07, which is by large parking lot on Right.

40K - On Kelly Dr. (SB), just past Remington "Man on Horseback" statue on Left and 40' before light pole F09, which is on Right.

25M - On Kelly Dr. (SB), just underneath leading edge of Girard Ave. bridge overpass, 4' before light pole F02, which is on Right.

26M - On Kelly Dr. (SB), just past Fairmount Ave. on Left and 45' past light pole B07, which is on Right.

All Mile and 5K marks are described relative to the running direction.





