



3TV Phoenix Half Marathon

21.0975 kilometers
 Phoenix, Arizona
 USATF Certificate AZ16018JOE
 Effective 9/19/16 - 12/31/26

Course measured following shortest possible route.
 Course is not to scale.
 Not all cross-streets are shown.

START: 33°26'49.48"N, 112° 4'33.62"W
 In front of the Police Museum entrance on W Jefferson St. 11' east of parking meter 76-36. 48' west of light pole #1651519

1 MILE: 33°26'48.87"N, 112° 5'36.03"W
 6' west of traffic light pole on the southeast corner of W Jefferson St and S 16th Ave.

2 MILE: 33°26'49.38"N, 112° 5'37.16"W
 2' e of the crosswalk on W Jefferson St at W Washington St intersection

3 MILE: 33°26'56.24"N, 112° 4'48.64"W
 On N 5th Ave, between W Adams St & Washington St, at parking meter #82-49

4 MILE: 33°27'32.54"N, 112° 4'27.62"W
 On 1st Ave, just north of W Roosevelt St, 11' south of light pole #S579421

5 MILE: 33°28'24.52"N, 112° 4'26.31"W
 In the south bound lanes of N Central Ave, midway between Vernon Ave & Encanto Blvd. 25' south of light pole # C448

6 MILE: 33°29'16.76"N, 112° 4'26.23"W
 51' South of fire hydrant in from of Walgreens, on northwest corner of Osborn and Central Ave. 36' north of light pole # C370

7 MILE: 33°30'8.99"N, 112° 4'26.24"W, 12' south of 4520 N Central Ave sign

TURN AROUND: 33°30'56.99"N, 112° 4'25.46"W
 On Central Ave, south of E Missouri Ave, 21' north of bus stop #10134 bench. 13' north of light pole #9658

8 MILE: 33°30'53.00"N, 112° 4'25.23"W. At Central Ave & Georgia Ave, 9' south of light pole #19654

9 MILE: 33°30'0.84"N, 112° 4'25.45"W, At Central Ave & Turney Ave, 21' south of light pole #C243

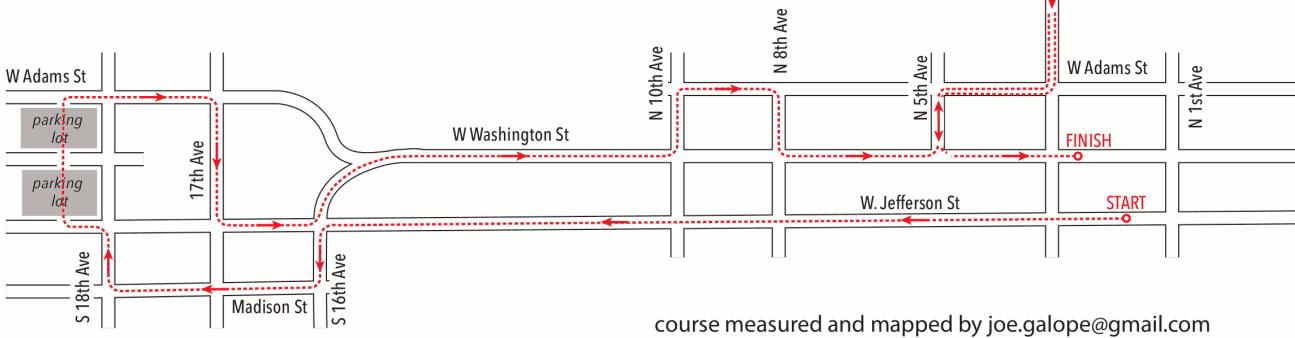
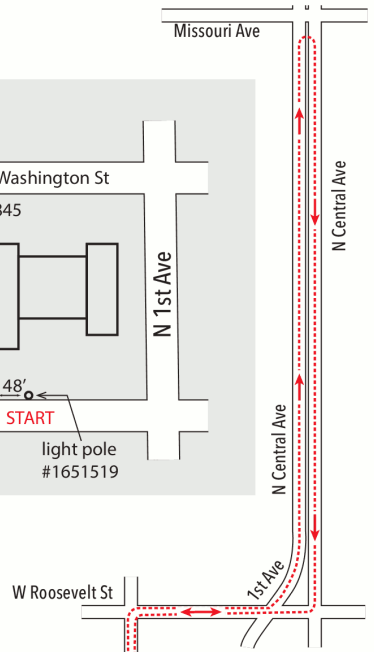
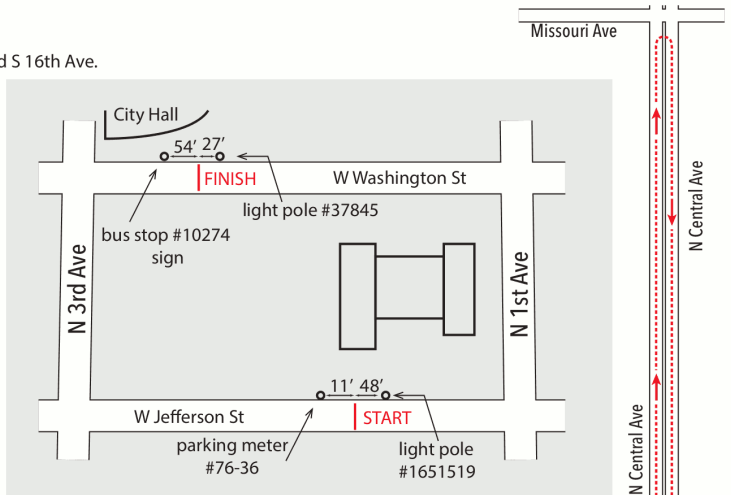
10 MILE: 33°29'8.50"N, 112° 4'25.50"W
 In the north bound lanes of Central Ave, between Monterey Way and Lexington Ave, 9' north of Jack in the Box drive-thru exit.

11 MILE: 33°28'16.28"N, 112° 4'25.41"W, At light pole #C138 on the northeast corner of Central Av & Monte Vista Rd

12 MILE: 33°27'30.86"N, 112° 4'34.51"W, 8' east of fire hydrant on northeast corner of 2nd Ave & Roosevelt St

13 MILE: 33°26'53.58"N, 112° 4'43.86"W,
 3' west of the fire hydrant on the northeast corner of 4th Ave & W Washington St

FINISH: 33°26'53.55"N, 112° 4'37.00"W
 Just west of the City Hall Main Entrance at 200 W Washington.
 54' east of bus stop sign #10274. 27' west of light pole #37845.



course measured and mapped by joe.galope@gmail.com



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

Measurement Certificate



Name of the course 3TV Phoenix Half Marathon Distance 21.0975 km.
 Location (state) Arizona (city) Phoenix
 Type of course: road race calibration course track
 Measuring methods: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Joe Galope, 13240 N 13th Lane, Phoenix, AZ 85029
ph: (602) 380-4797 joe.galope@gmail.com
 Race contact (name, address, phone & e-mail) Chris Giles, Raceplace Events, 6505 N. 16th Lane
Phoenix, AZ chris@raceplaceevents.com
 Date(s) when course measured: September 17, 2016
 Number of measurements of entire course: 2 Course Configuration: Partial Loop
 Elevation (meters above sea level) Start 344 Finish 344 Highest 410 Lowest 329
 Straight line distance between start & finish 149 m Drop 0 m/km Separation .71 %
 Type of surface: paved 100 % dirt _____ % gravel _____ % grass _____ % track _____ %
 Effective date of certification: September 19, 2016 Certification code: AZ16018JOE

Notice 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 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:

Digitally signed by Joseph Galope 9/19/2016 Date: 9/19/2016
 Joseph Galope – USATF/RRTC Arizona Certifier
 13240 N. 13th Lane, Phoenix, AZ 85029 (602) 380-4797 joe.galope@gmail.com