



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



Name of the course Orange County Half Marathon 2025 Distance 21.0975 km
Location (state) CA (city) Costa Mesa
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Gary Kutscher, 3100 Airway Avenue, Suite 104, Costa Mesa, CA 92626, gary@ocmarathon.com, 714-330-80
Race Contact Gary Kutscher, 3100 Airway Ave, Suite 104, Costa Mesa CA 92626, gary@ocmarathon.com, 714-330-8048
Date(s) when course measured: 03/02/2025
Number of measurements of entire course: 2 Course Configuration: point-to-point
Elevation (meters above sea level) Start 52.12 Finish 20.12 Lowest 2.13 Highest 77.72
Straight line distance between start and finish 6067.6m Drop 1.52 m/km Separation 28.76 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: April 26, 2025 Certification code: CA25016TEB

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: **2035**

AS NATIONALLY CERTIFIED BY:

Date: May 1, 2025

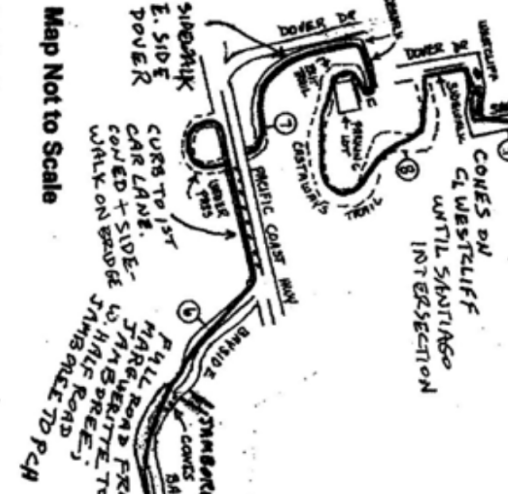
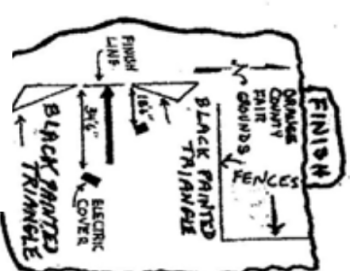
Todd E. Byers - USATF/RRTC Certifier - 44444 N Shangri La Ln., New River AZ 85087
(562) 665-1485 - byers_todd2@hotmail.com

ORANGE COUNTY HALF MARATHON 2025

NEWPORT BEACH to COSTA MESA, CA
21.0975 km

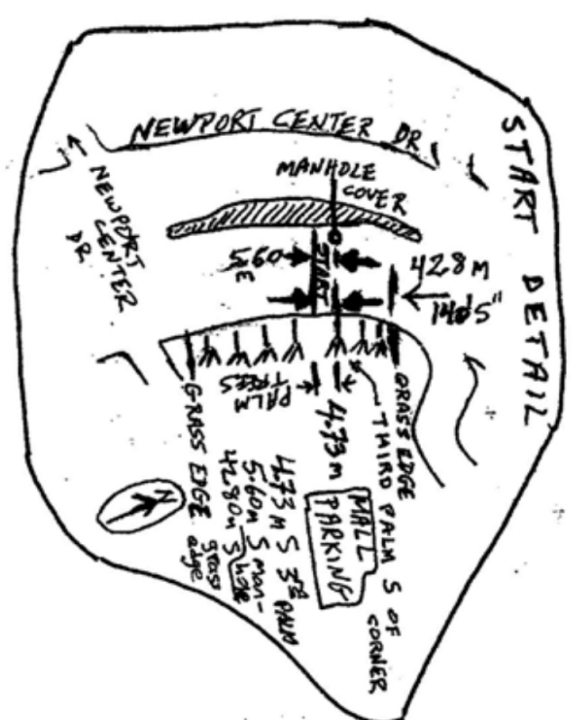
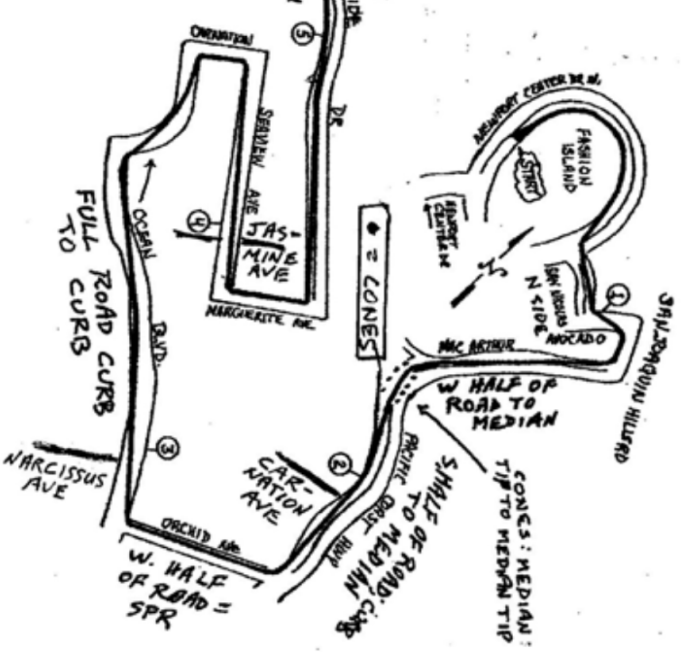


ORANGE COUNTY FAIR GROUNDS
PARKING LOT
K-RAILS
CONES
55 Fwy
HEATHER LN
UNIVERSITY
N SIDE UNIVERSITY



USATF Certificate
CA25016TEB
Effective: 04/26/2025
Through: 12/31/2035

Original Map: Ron Scardera 03/2014
Map Updates by: Ron Grayson 04/27/2025
Measurements by: Gary Kutscher 03/02/2025
Rongrayson@yahoo.com
Gary@OCMarathon.com



ORANGE COUNTY HALF MARATHON 2025

NEWPORT BEACH - COSTA MESA, CA 21.0975 km

Start: Newport Center Dr, W side loop, inner lanes; 5.173 yds (4.73m) S of center 3rd palm tree, 11.65 yds (10.65m) N of center 4th palm tree, counting S from curved access road to mall; between 8th and 9th palm trees counting N from perpendicular Newport Center Dr road to mall; 6.12 yds (5.6m) S of manhole cover; 140'5" (42.8m) S of grass edge

- 1M: Avocado Ave, 34.4' (10.5m) S of hydrant
- 2M: PCH southbound lanes, ~40 yds (36.5m) before tip center median across from Carnation Ave
- 3M: Ocean Blvd, 19.5 yds (17.8m) W of N curbline Narcissus Ave, across from #3420
- 4M: Seaview Ave, S side, 21.4 yds (19.6) W of W curbline Jasmine Ave
- 5M: Bayside Dr, 3.8 yds (3.5m) E of fire hydrant #1532 by driveway #2007
- 6M: Bayside Dr, eastbound side 9.6 yds (8.8m) E of hydrant across from Bayside Restaurant
- 7M: on asphalt pavement after exiting underpass, 56.4 yds (51.6m) E of asphalt-concrete transition
- 8M: Castaways trail, 18.4 yds (16.8m) S of pathway light #7546
- 9M: Santiago Dr, #1060, 2.4 yds (2.2m) S of irrigation box
- 10M: Galaxy Dr, 6.6 yds (6m) N street light #1941 by door #1644
- 11M: Irvine Ave, 25.4 yds (23.2m) N of hydrant, across from Heather Ln
- 12M: University Dr, 21.8 yds (19.9m) W of W edge gate #324 & E edge
- 13M: OC Fairgrounds E parking area, in line with easternmost yellow bollard at S edge N parking area

Finish: OC Fairgrounds E parking area, between tips painted triangles, 34'6" (10.52m) W of W edge electric cover

ROUTE INFO (START to FINISH)

Half Roads - Curb to Medians:

Newport Center Dr W loop road around Fashion Island (inner part); MacArthur Blvd (W side- southbound traffic direction); Pacific Coast Highway (S side - eastbound traffic direction); Irvine Ave (E side - northbound)

Half Roads - Curb to Center lines (yellows). These are coned along yellows and at turns:

San Nicolas Dr (N side - westbound traffic direction); San Joaquin Hills Rd; Marguerite Ave (W curb is SPR); Bayside Dr from Jamboree intersection to PCH (W side - southbound traffic); PCH bridge (sidewalk, bike lane/shoulder + 1 traffic lane; S side - eastbound; coned middle second traffic lane); Westcliff Dr (S side - eastbound); Santiago Dr between Galaxy and Irvine Ave (N side - eastbound; curb is SPR); University Dr (N side - westbound); Santa Ana Ave (E side - northbound until Mesa Dr); Mesa Dr (N side - westbound until crossing over to S side - eastbound at E. Newport Blvd overpass on 55 Fwy

Full Width of Roads - Curb to Curb:

Avocado Ave; Orchid Ave; Ocean Blvd; Carnation Ave; Seaview Ave; Bayside Dr from Marguerite to Jamboree intersection; Santiago Dr; Galaxy Dr

Sidewalks / Trails

Dover Dr sidewalk to Castaways Ln. edge of parking lot to Castaways Trail, then sidewalk to Westcliff

PCH bridge before entering trail: sidewalk is available but has a high curb and doesn't cut distance because it has an S curve before the trail entrance whereas the road can do a tangent straight to the trail entrance