



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



Name of the course The Cowtown Half Marathon 2022 Distance 21.0975 km
Location (state) TX (city) Fort Worth
Type of course: Road Race
Measuring Methods: Bicycle
Measured By Gary Brumley, 3509 Cromart Ave, Fort Worth, TX 76133 - gary@txcourseworks.com - 817.773.8400
Race Contact Cindy Peck, 2617 Whitmore St, Fort Worth, TX 76107 - cindy@cowtownmarathon.org - 817.207.0224
Date(s) when course measured: 11/20/2022
Number of measurements of entire course: 2 Course Configuration: Point to Point
Elevation (meters above sea level) Start 185.00 Finish 185.00 Lowest 157.00 Highest 209.00
Straight line distance between start and finish 8m Drop 0.00 m/km Separation 0.04 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: February 22, 2022 Certification code: TX22007LAB

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: **2032**

AS NATIONALLY CERTIFIED BY:

Date: February 23, 2022

Logan Burgess - USATF/RRTC Certifier - 614 Stillmeadow Drive, Richardson TX 75081
(214) 803-7800 - loganaburgess@yahoo.com



HALF MARATHON 2022

TURN-BY-TURN DIRECTIONS WITH RESTRICTIONS

- N SB on Gendy St
- E on Lancaster Ave
- Slight L onto Lancaster Ave
- S on Foch St
- E and N on Trinity Park Dr
- N on Museum Way – Northbound Lanes Only
- W on 7th St – Westbound Lanes Only
- N on Carroll St – Northbound Lane Only
- W on 5th St
- NW on Bailey Ave
- E on White Settlement Rd – Eastbound Lanes Only
- N and NE on University Dr - 1 Curb Lane
- E on Grand Ave – Eastbound Lane Only
- N on Circle Park Blvd
- E on 20th St
- N on Ellis Ave
- E on Exchange Ave
- S on Packers Ave
- W on 23rd St – Westbound Lanes Only
- S on Main St – 1 curb lane Southbound curb lane
- S on Houston St – 1 Southbound curb lane
- W on Lancaster Ave - Westbound Lanes Only to University Dr
- S on SB Gendy St to Finish Line

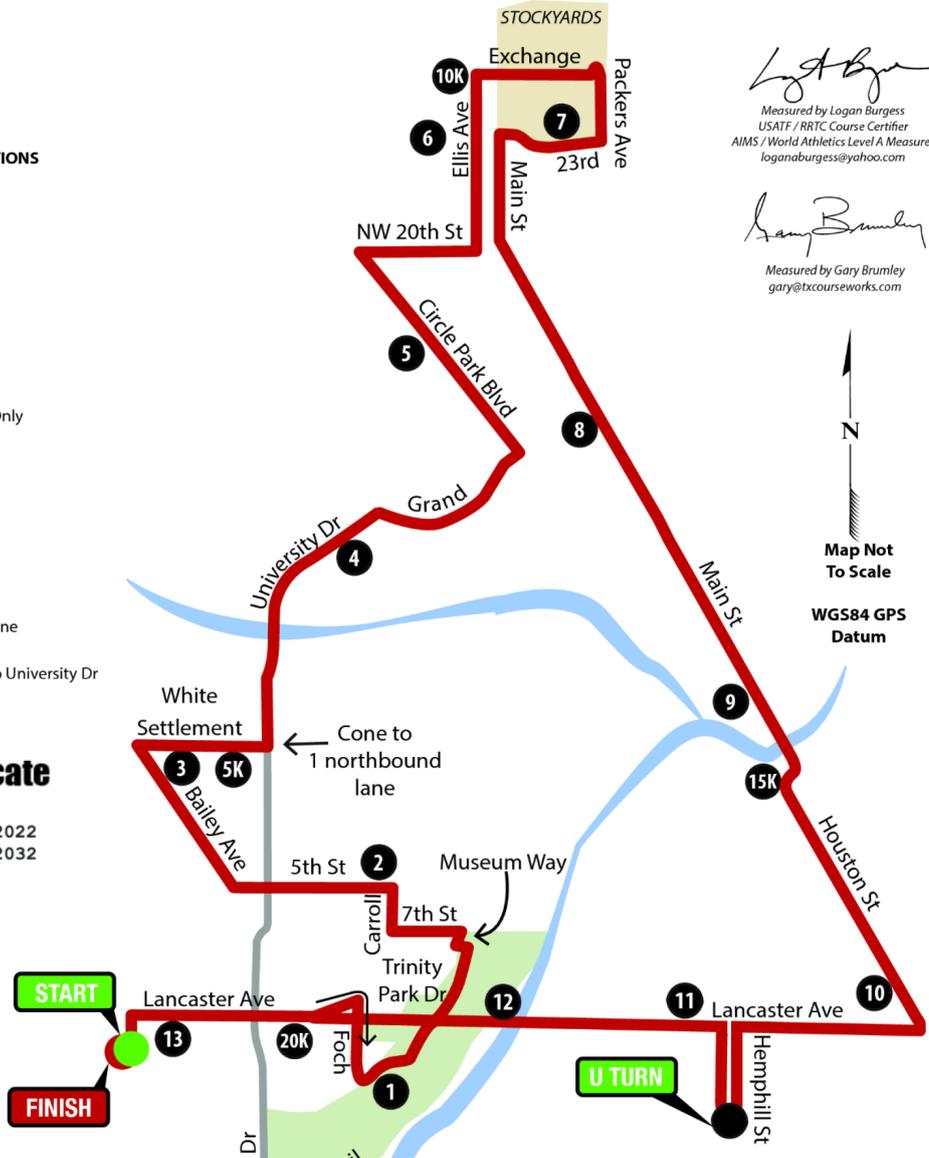


USATF Certificate
 TX22007LAB
 Effective: 02/22/2022
 Through: 12/31/2032

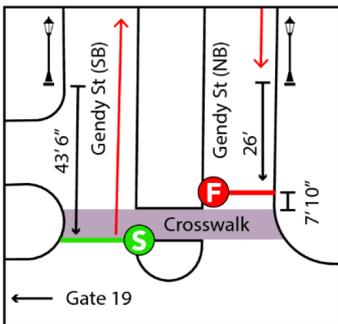
This 21.0975 km course was measured by Logan Burgess and Gary Brumley on November 20, 2021. Course measured following the shortest possible route, except where noted in turn-by-turn directions. Intersections affected by restrictions are measured with cones on center lines even with curbs unless noted.

Logan Burgess
 Measured by Logan Burgess
 USATF / RRTC Course Certifier
 AIMS / World Athletics Level A Measurer
 loganaburgess@yahoo.com

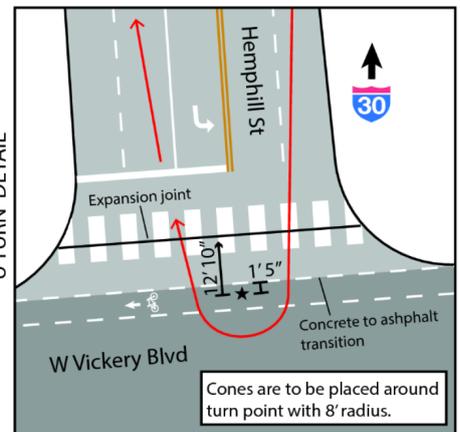
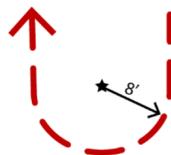
Gary Brumley
 Measured by Gary Brumley
 gary@txcourseworks.com



START/ FINISH DETAIL



Measurements are to center of U turn. From that point the U turn arc has a radius of 8'.





HALF MARATHON 2022

GPS coordinates are given only to get close to described locations and NOT to be used to replace lost split point marks. Use the provided measurements from landmarks to reestablish split points.

- START 32.746139, -97.368436 Gendy St, SB lane. Start is on the S edge of brick crosswalk near Gate 19. Also, 43' 6" S of S edge of street light N of Gate 19.
- Mile 1 32.744454, -97.356166 Trinity Park Dr, 21' N of No Parking sign at N corner of Foch and Trinity Park Dr
- Mile 2 32.752954, -97.356018 5th Ave, 16' W of Ped Xing sign on N side of Lola's Parking lot
- Mile 3 32.759134, -97.366377 White Settlement Rd, 74' W of the fire hydrant at E corner of White Settlement Rd and Boland Rd
- 5K 32.759113, -97.364536 White Settlement Rd, 8' W of the stop sign at the E corner of White Settlement Rd and St Donovan St
- Mile 4 32.768037, -97.357752 N University Dr, 60' SW of fire hydrant at SW corner of Shell Station at 1018 N University Dr
- Mile 5 32.775845, -97.351530 Circle Park Blvd, 22' SE of storm drain that is across from 1410 Circle Park Blvd.
- Mile 6 32.785494, -97.350338 Ellis Ave, 54' N of street lamp post at S corner of Wells Fargo bank at
- 10K 32.788624, -97.351574 Ellis Ave, 79' S of stop sign at SE corner of Ellis Ave and Exchange St.
- Mile 7 32.785756, -97.347100 NE 23rd St, 59' W of fire hydrant at NE corner of NE 23rd and N Calhoun St
- Mile 8 32.774575, -97.344753 N Main St, 115' S of fire hydrant near the SW corner of N Main St and N Grand Ave
- Mile 9 32.761920, -97.336241 N Main St, 90' S of second lamp post from the N end of bridge that crosses the Trinity River
- 15K 32.757846, -97.334064 N Houston St, 63' E of "TCC Trinity River Campus" and "TCC Trinity River East" sign near NE corner of N Houston St and W Belknap St
- Mile 10 32.749181, -97.328669 N Houston St, 14' N of Sewer Manhole in the crosswalk at NW corner of Houston St and 12th St, marked with PK nail.
- UTurn 32.743749, -97.331580 Hemphill St at W Vickery Blvd (S of I-30), center of road. Radial point is S of the double yellow center line on N side of intersection, 1' 5" S of transition from concrete to asphalt (N edge of bike lane). Also, 12' 10" S of the concrete expansion joint that runs through the cross walk on the N side of intersection, marked with PK nail and washer. Cones are to be place in a n 8' radius around the PK nail.
- Mile 11 32.746890, -97.333444 W Lancaster Ave, 1' W of N Parking Anytime sign W of Hemphill intersection
- Mile 12 32.746941, -97.350610 W Lancaster Ave, 90' W of lamp post on S side of bridge that is directly above basketball courts in Trinity Park (below)
- 20K 32.747255, -97.357938 Lancaster Ave, EB lane, 4' W of the first street light pole that is E of the intersection of Lancaster Ave and Trail Dr, on S side of Rd.
- Mile 13 32.747391, -97.367747 Lancaster Ave, 12' E of first "Speed Limit 35" sign W of Gendy
- FINISH 32.746184, -97.368281 Gendy St, NB lane. Finish is 7' 10" N of brick crosswalk at Gate 19 of the Western Heritage Parking Garage. Finish is also 26' S of S edge of first light pole N of brick crosswalk.