



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

Measurement Certificate



Name of the course The Cowtown Half Marathon 2021 Distance 21.0975km

Location (state) TX (city) Fort Worth

Type of course: Road Race

Measuring Methods: Bike

Measured By Gary Brumley, 3509 Cromart Ave, Fort Worth, TX 76133 â€" 817.773.8400 - gary@txcourseworks.com

Race Contact Cindy Peck, 2617 Whitmore St. Fort Worth, TX 76107 - 817.207.0224 - cindy@cowtownmarathon.org

Date(s) when course measured: 03/20/2021, 03/27/2021

Number of measurements of entire course: 2 Course Configuration: Point to Point

Elevation (meters above sea level) Start 176m Finish 181m Lowest 164m Highest 217m

Straight line distance between start and finish 276m Drop -0.24 m/km Separation 1.31 %

Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %

Effective date of certification: April 14, 2021 Certification code: TX21025LAB

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: **2031**

AS NATIONALLY CERTIFIED BY:

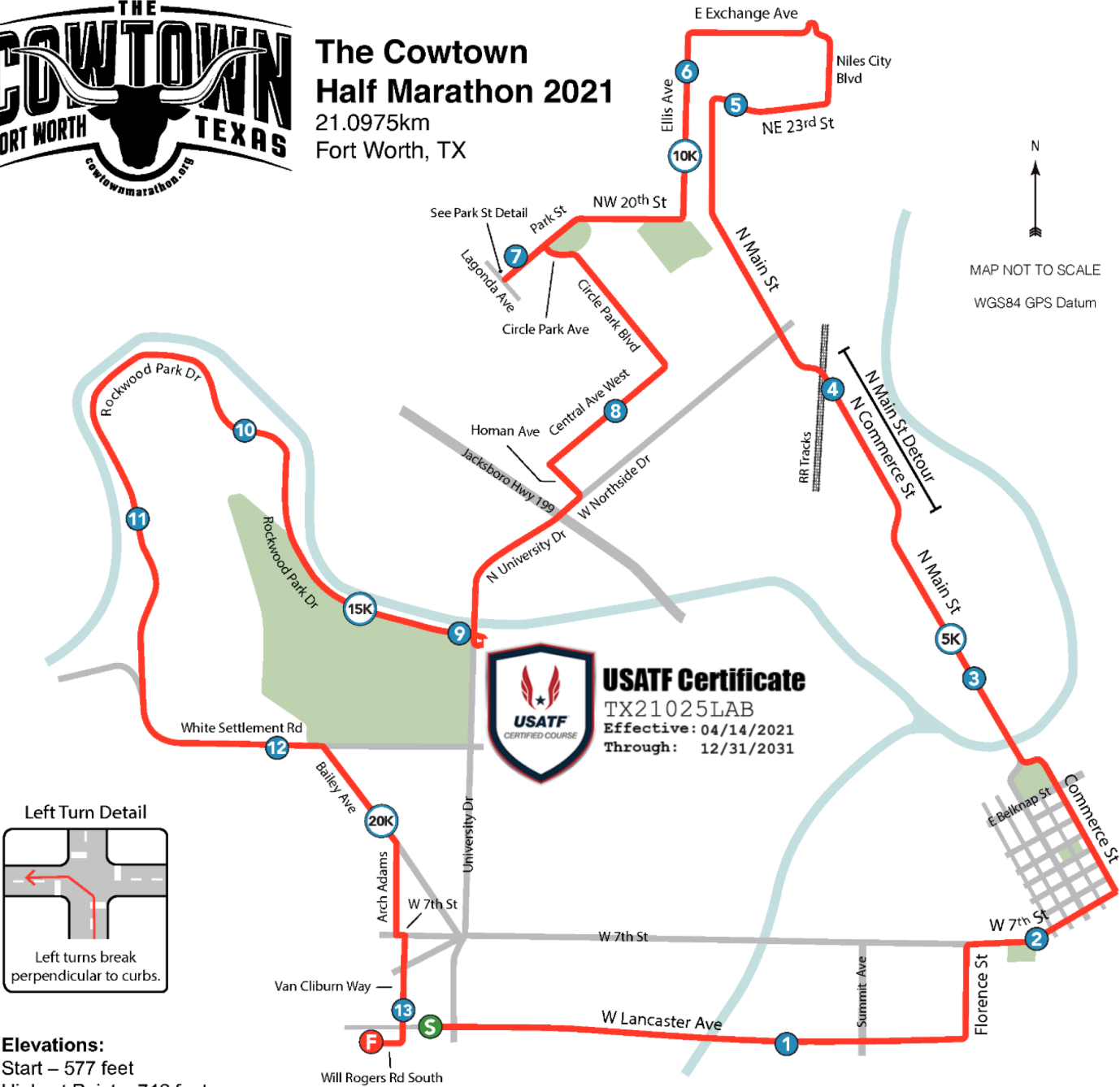
Date: April 16, 2021

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



**The Cowtown
Half Marathon 2021**
21.0975km
Fort Worth, TX

N
MAP NOT TO SCALE
WGS84 GPS Datum

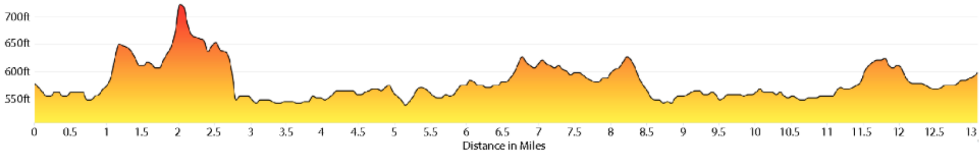
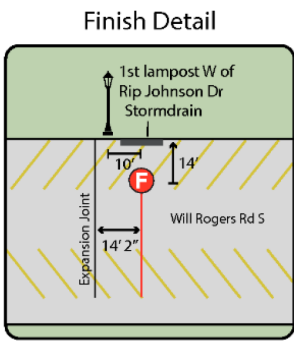
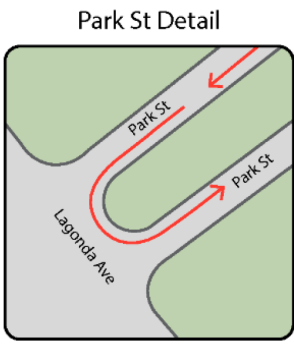
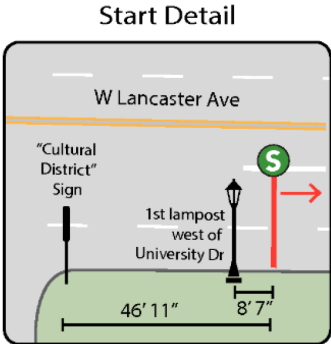


Elevations:
Start – 577 feet
Highest Point – 712 feet
Lowest Point – 538 feet
Finish – 594 feet

This course was measured using the Shortest Possible Route (SPR) given the road restrictions noted on page 2. Split points are also noted on page 2.

Measured by Gary Brumley

TX COURSE WORKS
www.TXCourseWorks.com
gary@txcourseworks.com
Co-measured by Logan Burgess



The Cowtown Half Marathon 2021

TX Course Works

SPLIT POINTS

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** – (3 32.747384, -97.362552), W Lancaster Ave, 8' 7" W of the first lamppost W of University Dr on the S side of Lancaster, and 46' 11" W of "Cultural District" sign located next to Casa Manana parking lot entrance
- **Mile 1** – (32.746769, -97.345408), W Lancaster, 21 ft W of light pole on north side of bridge (3rd light pole W of the concrete wall and staircase N side of bridge before Summit)
- **Mile 2** – (32.751184, -97.332944), 7th Street, 2' West of west edge of crosswalk on east side of intersection of W 7th St and Lamar St
- **Mile 3** – (32.760806, -97.335314), N Main St, 92 ft from second lamp post on north end of bridge over the Trinity River
- **5K** – (32.763075, -97.336808), N Main St, 21' N of first lamppost N of the bridge that is not on the bridge over the Trinity River
- **Mile 4** – (32.774494, -97.343380), N Commerce St (N Main St detour), 3' S of RR crossing gate on S end of RR crossing
- **Mile 5** – (32.785977, -97.347973), NE 23rd St, 24' W of second light pole E of W Main St
- **Mile 6** – (32.787326, -97.350493), Ellis Ave, 15' N of driveway at S side of 2315 Ellis Ave
- **10K** – (32.784244, -97.350525), Ellis Ave, 58' S of stop sign at SW corner of Ellis and NW 22nd St
- **Mile 7** – (32.778774, -97.359439), Park St, even with chain link fence line on W side of 812 Park St
- **Mile 8** – (32.773274, -97.353885), W Central Ave, 57' E of stop sign at NE corner of Denver and W Central Ave
- **Mile 9** – (32.763749, -97.361183), Rockwood Park Dr, 3' W of western edge of University overpass
- **15K** – (32.764879, -97.366510), Rockwood Park Dr, 327' E of utility building 3230
- **Mile 10** – (32.772253, -97.372125), 62' E of center of large rock on N side of Rockwood Park Dr at GPS coordinates - 32.772280, -97.372337
- **Mile 11** – (32.768731, -97.377714), 125' N of stop sign at NE corner of Rockwood Park and Westwood Ave
- **Mile 12** – (32.759194, -97.370872), White Settlement Rd, 5' E of center of walkway of 3621 White Settlement Rd
- **20K** – (32.755916, -97.365487), Bailey Ave, 20' N of the northern most lamp that illuminates the "National Cutting Horse Association" horse statue in front of 260 Bailey Ave
- **Mile 13** – (32.747708, -97.364579), Van Cliburn Way, 51' N of "No Parking" sign located at NW corner of Van Cliburn Way and W Lancaster Ave
- **FINISH** – (32.746735, -97.365389), Will Rogers Rd S, E of ticket booths at Will Rogers Memorial Center, 14'2" E of E edge of expansion joint on W side of 1st storm drain W of Rip Johnson Dr and 10' to center of 2nd lamp post W of Rip Johnson Dr

ROAD RESTRICTIONS

- W Lancaster Ave, W of University Dr – RR
- W Lancaster Ave, E of University Dr to Summit Ave – NR
- W Lancaster, E of Summit Ave – 1LL
- Florence St – RR
- W 7th St – 1RR
- Commerce St, S of E Belknap St – 1RR
- Commerce St, N of E Belknap St – NR
- N Main St – RR
- N Commerce St (Main St detour) – RR
- N Main St – RR
- NE 23rd St – RR
- Niles City Blvd – NR
- E Exchange Ave – RR
- Ellis Ave – 1RR
- NW 20th St – RR
- Park St (West bound) – NR
- Legonda Ave (turnaround) – NR
- Park St (East bound) – NR
- Circle Park Ave – NR
- Circle Park Blvd – RR
- W Central Ave – 1RR

- Homan Ave – 1RR
- W Northside Dr N of Hwy 199 – 1 RR
- Through Intersection of W Northside Dr, Hwy 199 and N University Dr – NR (runners cross diagonally through intersection to furthestmost left lane of N University Dr)
- N University Dr – 1LL
- Rockwood Park Dr, E of N Bailey Ave – NR
- Rockwood Park Dr, W of N Bailey Ave – RR
- White Settlement Rd – 1RR
- Bailey Ave – RR
- Ach Adams St – NR
- W 7th St – NR
- Van Cliburn Way – NR
- Rip Johnson Dr – NR
- Will Rogers Rd S – NR

RESTRICTION LEGEND

RR – runners are restricted to all right lanes

1RR – runners are restricted to 1 furthestmost right lane

LL – runners are restricted to all left lanes

1LL – runners are restricted to 1 furthestmost left lane

NR – no restrictions, runners have full use of road from curb to curb