



Road Running Technical Council
USA Track & Field
Measurement Certificate



Name of the course Times Union Half Marathon Distance 21.0975km
Location (state) FL (city) Jacksonville
Type of course: Road Race
Measuring Methods: Bike
Measured By Brian Cavanaugh, 110 Ocean Pines Terr, Jupiter FL 33477 845-4238616; abcav@me.com
Race Contact J Scott, Rugged Races LLC, 45 Bromfield St, Ste 801, Boston MA 02108 617-797-7226 jeff@ruggedraces.cor
Date(s) when course measured: 12/18/2019, 12/19/2019, 12/20/2019
Number of measurements of entire course: 2 Course Configuration: keyhole
Elevation (meters above sea level) Start 6.4m Finish 6.4m Lowest 1.0m Highest 11.9m
Straight line distance between start and finish 13.47m Drop 0 m/km Separation 0.06 %
Type of surface: Paved 100 % Dirt 0 % Gravel 0 % Grass 0 % Track 0 %
Effective date of certification: January 2, 2020 Certification code: FL20005JK

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: **2030**

AS NATIONALLY CERTIFIED BY:

Date: January 29, 2020

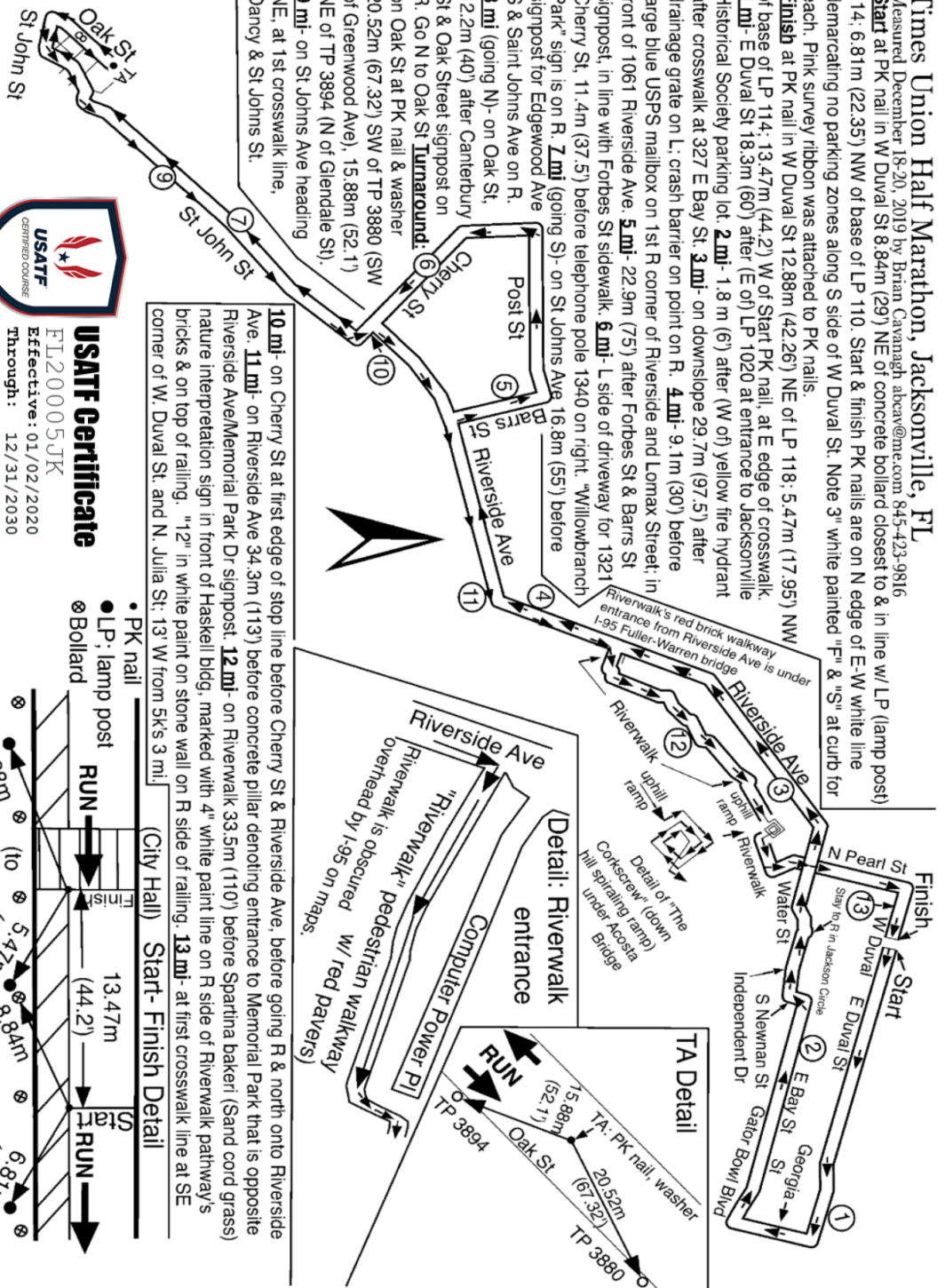
Justin Kuo - USATF/RRTC Certifier - 39 Oakland Rd, Brookline MA 02445
(617) 487-4463 - jkuo+certifier@usatfne.org

Times Union Half Marathon, Jacksonville, FL

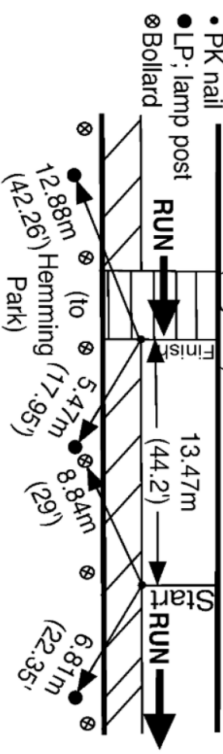
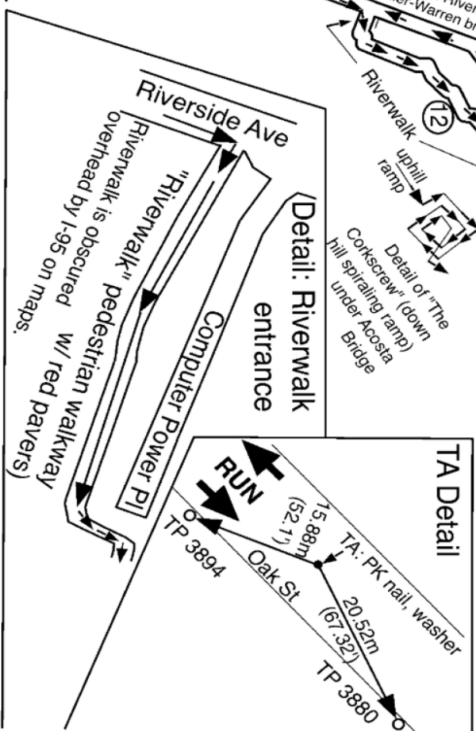
Measured December 18-20, 2019 by Brian Cavanaugh abcav@me.com 845-423-9816

Start at PK nail in W Duval St 8.84m (29') NE of concrete bollard closest to & in line w/ LP (lamp post) 114: 6.81m (22.35') NW of base of LP 110. Start & finish PK nails are on N edge of E-W white line demarcating no parking zones along S side of W Duval St. Note 3" white painted "F" & "S" at curb for each. Pink survey ribbon was attached to PK nails.

Finish at PK nail in W Duval St 12.88m (42.26') NE of LP 118: 5.47m (17.95') NW of base of LP 114: 13.47m (44.2') W of Start PK nail, at E edge of crosswalk. **1.1mi**- E Duval St 18.3m (60') after (E of) LP 1020 at entrance to Jacksonville Historical Society parking lot. **2.1mi**- 1.8 m (6') after (W of) yellow fire hydrant after crosswalk at 327 E Bay St. **3.1mi**- on down slope 29.7m (97.5') after drainage grate on L; crash barrier on point on R. **4.1mi**- 9.1m (30') before large blue USPS mailbox on 1st R corner of Riverside and Lomax Street; in front of 1061 Riverside Ave. **5.1mi**- 22.9m (75') after Forbes St & Barrs St signpost, in line with Forbes St sidewalk. **6.1mi**- L side of driveway for 1321 Park* sign is on R. **7.1mi** (going S)- on St Johns Ave 16.8m (55') before signpost for Edgewood Ave S & Saint Johns Ave on R. **8.1mi** (going N)- on Oak St, 12.2m (40') after Canterbury St & Oak Street signpost on R. Go N to Oak St. **Turnaround:** 6 on Oak St at PK nail & washer 20.52m (67.32') SW of TP 3880 (SW of Greenwood Ave), 15.88m (52.1') NE of TP 3894 (N of Glendale St). **9.1mi**- on St Johns Ave heading NE, at 1st crosswalk line, Dancy & St Johns St.



10.1mi- on Cherry St at first edge of stop line before Cherry St & Riverside Ave, before going R & north onto Riverside Ave. **11.1mi**- on Riverside Ave 34.3m (113') before concrete pillar denoting entrance to Memorial Park that is opposite Riverside Ave/Memorial Park Dr signpost. **12.1mi**- on Riverwalk 33.5m (110') before Spartina bakeri (Sand cord grass) nature interpretation sign in front of Haskell bldg, marked with 4" white paint line on R side of Riverwalk pathway's bricks & on top of railing. "12" in white paint on stone wall on R side of Riverwalk line at SE corner of W. Duval St. and N. Julia St. 13' W from 5K's 3 mi.



USATF Certificate
 FL20005JK
 Effective: 01/02/2020
 Through: 12/31/2030