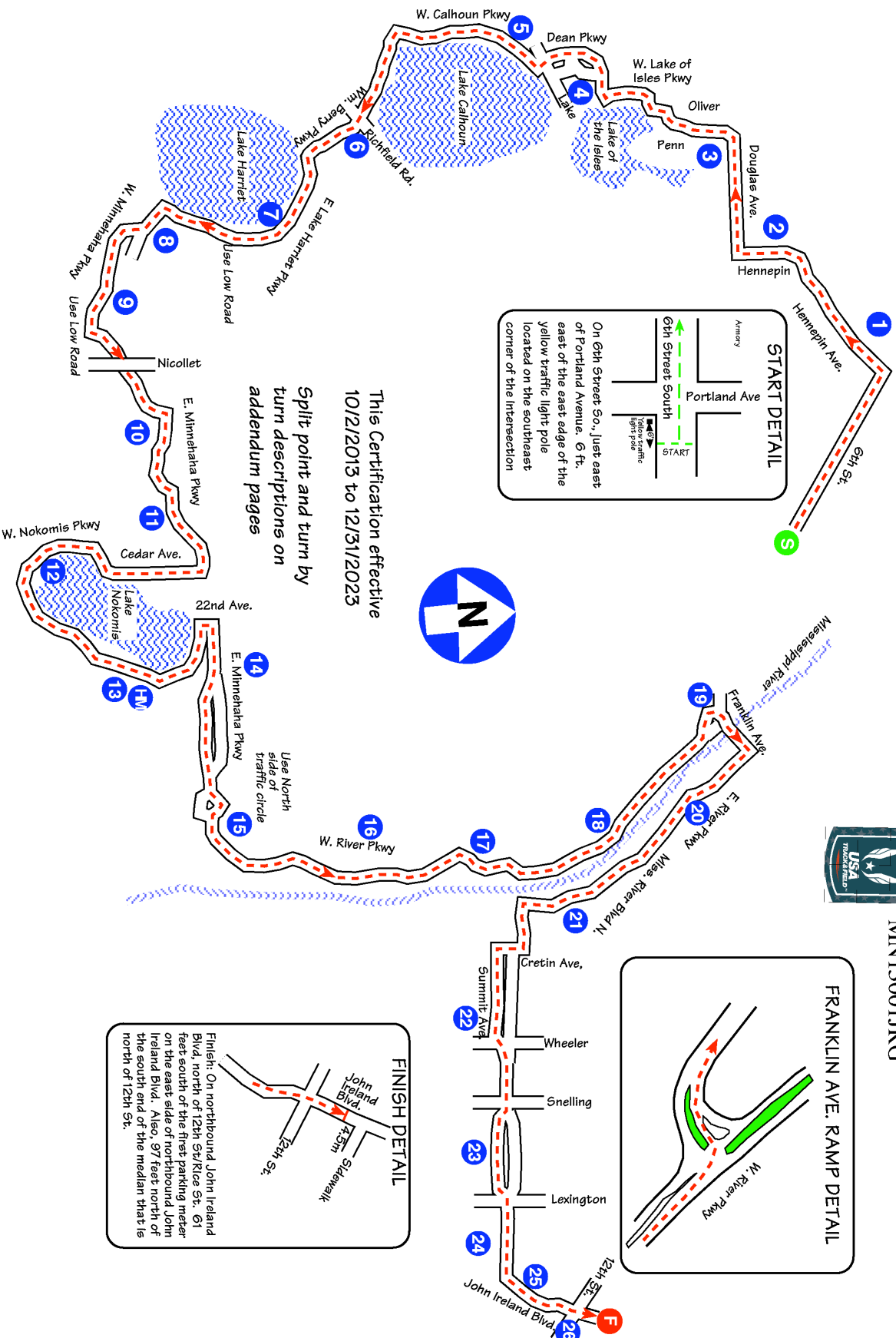


TWIN CITIES MARATHON

42.195 km, Minneapolis, MN

MN13001JRG





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



Name of the course **Twin Cities Marathon** Distance **42.195 km**
Location (state) **Minnesota** (city) **Minneapolis**
Type of course: road race ☒ calibration ☐ track ☐ Configuration: **Point to point**
Type of surface: paved **100** % dirt % gravel % grass % track %
Elevation (meters above sea level) Start **263** Finish **232** Highest **263** Lowest **220**
Straight line distance between start & finish **1,245m** Drop **0.73** m/km Separation **29.5** %
Measured by (name, address, phone & e-mail) **Jim Gerweck, 156 Fillow St., Norwalk, CT 06850-2315**
jim@clubct.org, David Katz, david@flrrt.com (both IAAF "A" measurers)
Race contact (name, address, phone & e-mail) **Jeff Decker, 2635 University Ave. W., Suite 190,**
St. Paul, MN 55114, jeff@tcmevents.org
Measuring Methods: bicycle ☒ steel tape ☐ electronic distance meter ☐
Number of measurements of entire course: **2** Date(s) when course measured: **2 October 2013**
Race date: **6 October 2013** Course certification effective date: **2 October 2013**
Certification code: **MN13001JRG**

Notice to Race Director: Use this Certification Code
in *all* public announcements relating to your race.

Be It Officially Noted That

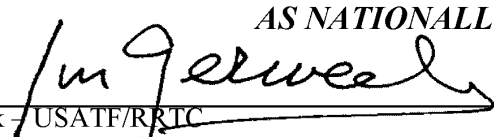
Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If *any* changes are made to the course, this certification 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

2023

AS NATIONALLY CERTIFIED BY:


Jim Gerweck / USATF/RTC

Date: **2 October 2013**

156 Fillow St., Norwalk, CT 06850-2315 203-858-5449 zgerweck@optonline.net

Mile 14	On East Minnehaha Pkwy between Woodlawn Blvd & 28th Ave. Even with the eastern edge of House # 2709.
Mile 15	On Godfrey Parkway, in the middle of the pedestrian walkway just east of Godfrey Circle. 7 feet before (west of) the Pedestrian Walkway sign facing westbound traffic.
25 KM	On West River Parkway, past Lock & Dam # 1. 35 feet past (north of) the Road Curve to the right / 20 MPH sign that is on the left side of the parkway and facing southbound traffic.
Mile 16	On West River Parkway, just south of E 42nd Street. 19 feet south of the light post on the southwest corner of West River Parkway & 42nd Street.
Mile 17	On West River Parkway, 35 feet past the light pole that is adjacent to 3440 Edmund Blvd, which is up the hill from West River Parkway.
Mile 18	On West River Parkway, 8 feet north of the north edge of the brick sidewalk leading
30 KM	On West River Parkway, just south of E 24th Street. 87 feet south of the fire hydrant on the southwest corner of West River Parkway & E 24th St.
Mile 19	On Franklin Avenue, just before the start of the bridge. 68 feet past (east of) the Stop sign that is on the entrance ramp from West River Parkway onto Franklin Avenue.
Mile 20	On East River Parkway, past (south of) St. Anthony Avenue. In front of the Apartment Complex # 2101, which is on East River Terrace. 148 feet past the fire hydrant on the corner of East River Parkway & St. Anthony Ave.
Mile 21	On Mississippi River Blvd, past (south of) Dayton Ave. 22 feet before the fire hydrant that is in front of house # 142.
35 KM	Was not spray painted
Mile 22	On eastbound Summit Avenue between Moore St & Prior St. In front of house # 1978 Summit Ave. 12 feet before (west of) the light pole between 1978 Summit & 1964 Summit. Light pole has "Right lane bikes only" sign, "Night plow route" sign &
Mile 23	On eastbound Summit Avenue between Saratoga & Pascal Street. 14 feet past (east of) the light pole between house # 1500 & 1490.
Mile 24	On Summit Avenue between Oxford & Chatsworth St. 17 feet past (east of) the east edge of the driveway to House # 1006.
40 KM	Was not spray painted
Mile 25	On Summit Avenue between Kent & Heather Street. 18 feet past (east of) the eastern edge of the steps leading to House # 534.
Mile 26	On northbound John Ireland Blvd, in the middle of the intersection with Kellogg Blvd. 14 feet past (north of) the south curb line of Kellogg Blvd.
Finish	On northbound John Ireland Blvd, north of 12th St/Rice St. 61 feet south of the first parking meter on the east side of northbound John Ireland Blvd. Also, 97 feet north of the south end of the median that is north of 12th St.

Mile Marker	Medtronic Twin Cities Marathon - Mile Marker Locations
Start	On S 6th Street, just east of Portland Avenue. 6 feet east of the east edge of the yellow traffic light pole located on the southeast corner of the intersection.
Mile 1	On Hennepin Ave between S 11th St & S 12th St. Between CVS Pharmacy & Laurel Village Parking Ramp exit. 52 feet past (west of) parking meter # 7614 / 7616,
Mile 2	On Douglas between Colfax & Dupont Ave. In front of first house west of Colfax. 4 feet past west edge of the steps leading to the side entrance of the first house on
Mile 3	On S Penn, past (south of) Franklin Ave. Across from house # 2006, which is on the right side of the street & across from Kenwood School, which is on the left side of the street. 26 feet north of the north edge of the northmost brick pillar of the #
5 KM	On Penn, after West 21st St. Even with the middle of the front doorway to house # 2121, which is on the left side (east side) of Penn.
Mile 4	On Dean Pkwy, just past Cedar Lake Ave. Even with south edge of front door to
Mile 5	On W Lake Calhoun Pkwy, on the south side of 2nd parking bay past (south of) Rose Lane. 26 feet before (north of) the "No Parking Anytime" sign located on south side of the 2nd Parking Bay from Rose Lane.
Mile 6	On William Berry Pkwy, after Queen Ave/Linden Hills Blvd. 16 feet before the "Stop Ahead / No Parking Anytime" sign, which is on the right side of the street.
10KM	On E Lake Harriet Pkwy, at the bend in the road from southbound to eastbound. 8 feet before (west of) the Pedestrian Walking/No Left Turn/Right Turn arrow sign,
Mile 7	On low road of East Lake Harriet Parkway, south of 43rd Street. 49 feet past (south of) the south edge of the fenced lake outlook platform on the east side of the lake.
Mile 8	On West Minnehaha Parkway, after Humboldt Avenue. In front of house number 1277. 12 feet after the light pole with the sign "Speed Limit 25", which is on the left side of the parkway.
Mile 9	On East Minnehaha Parkway (the low road), just before going under the bridge to Nicollet. 228 feet before (west of) the Stop sign located on the west side of the Nicollet Avenue Bridge.
15KM	On East Minnehaha Parkway between Stevens Ave & S 2nd Ave. Underneath the southbound 35W bridge. Even with the east side of the 2nd pillar, which is on the right (north) side.
Mile 10	On East Minnehaha Parkway, just before Columbus Ave. 26 feet past the light pole on the right side of the road, across from house # 720.
Mile 11	On Cedar Ave, between Minnehaha Pkwy & 49th Street. 26 feet south of the south edge of the bridge that goes over Minnehaha Creek.
Mile 12	On West Lake Nokomis Parkway, 13 feet before the light pole (on north side of street) in the middle of the last parking bay before crossing Cedar Ave.
20 KM	On East Lake Nokomis Parkway, on the east side of the first parking bay that is east of Derby Avenue. 11 feet before Speed Limit 25 sign, which is on the right side of
Mile 13	On East Nokomis Parkway, in the middle of the 3rd parking bay east of 53 Street. 1 foot north of the northern edge of the storm drain that is on the west side of the street in the 3rd parking bay.
Half	On East Nokomis Parkway, at the northeastern end of the 4th parking bay east of 53rd St. 10 feet before the pedestrian crossing / No Parking Anytime sign

2013 MEDTRONIC TWIN CITIES MARATHON

Course Turn by Turn

- **Start** on 6th St, proceed northwest on 6th to Hennepin
- Turn left on Hennepin, follow under I 94 bridge
- Turn left onto southbound lanes of Lyndale to Douglas
- Turn right on Douglas to Oliver
- Turn left on Oliver, continuing as Oliver becomes Penn
- Turn right on West Lake of Isles Parkway
- Turn right on Dean Parkway, continue to follow with traffic lane of Dean Parkway. Cross Lake Street to West Calhoun Parkway along west side of Lake Calhoun
- Continue south on West Lake Calhoun Parkway, which turns into William Berry Parkway on the south side of the lake at the intersection with Richfield Road
- Continue south on William Berry Parkway to East Lake Harriet Parkway
- Follow East Lake Harriet Parkway along east side of lake (going opposite to normal one way traffic). Past Rose Garden. Use low road around Lake Harriet.
- Turn left on West Minnehaha Parkway. After crossing 50th, turn right to eastbound lane of West Minnehaha Parkway following low road under Nicollet Avenue bridge where road becomes East Minnehaha Parkway
- Continue east on East Minnehaha Parkway to Cedar Avenue
- Turn right on Cedar to West Lake Nokomis Parkway
- Turn right on West Lake Nokomis Parkway and continue around the west side of the lake and cross over Cedar Ave. At Cedar Ave, West Lake Nokomis Parkway turns into East Lake Nokomis Parkway. Continue on East Lake Nokomis Parkway to north end of Lake Nokomis
- Turn right on 22nd Avenue to East Minnehaha Parkway
- Turn right onto East Minnehaha Parkway
- Using with traffic lane to traffic circle at Minnehaha Avenue, clockwise (left) through circle to Godfrey Road
- Continue east on Godfrey which becomes West River Parkway, continue north on West River Parkway, staying on the right side (east side) of the median before turning onto entrance ramp to Franklin Avenue Bridge
- Continue up ramp and veer right onto eastbound lanes of Franklin Bridge
- Turn Right on East River Parkway, continuing south to St. Paul border where road becomes Mississippi River Blvd N, continuing to Cretin
- Turn right on Cretin Avenue to Summit Ave
- Turn left on Summit Avenue, using with traffic lane(south side of median) on Summit Ave continuing east/northeast on Summit as road becomes John Ireland Blvd
- Continue on John Ireland Blvd to the finish just N of 12th St.