



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



Name of the course Sam Costa Half Marathon Distance 21.0975 km

Location (state) IN (city) Carmel

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Terry Townsend, 5515 Hammock Glen Drive, Indianapolis, IN 46235, racedirector40@yahoo.com, 317 697 30

Race Contact Terry Townsend, 5515 Hammock Glen Drive, Indianapolis, IN 46235, racedirector40@yahoo.com, 317 697 30

Date(s) when course measured: 03/16/2022, 03/17/2022

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

Elevation (meters above sea level) Start 244.00 Finish 248.00 Lowest 230.00 Highest 253.00

Straight line distance between start and finish 64m Drop -0.19 m/km Separation 0.30 %

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

Effective date of certification: March 22, 2022 Certification code: IN22009TDK

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: March 24, 2022

Tom Konieczny - USATF/RRTC Certifier - 110 Willow Bend Drive, LaPorte IN 46350  
(219) 326-1967 - tomkonieczny@gmail.com



## **2022 Sam Costa Half Marathon**

### **Written description of Start/Finish and Mile Splits**

**Start** - The starting line for the Sam Costa Half Marathon is 16' 10" south of the third light pole from the entry road into the west parking lot of Northview Church. This light pole is adjacent to the southernmost (last) entrance into the main parking area.

**Finish** – The finish line for the Sam Costa Half Marathon is at the south edge of the second cross walk north of the west side circle drive church entrance

### **Mile Split Locations**

- 1. On Grebe Way; 12' northwest of the "stop/street sign" at the Grebe Way/Kingfisher/Blacktern intersection**
- 2. On Cherry Tree Rd; 100' southwest of four green electrical boxes on the north side of the road**
- 3. On Osage Drive; directly adjacent to the imbedded concrete house number at 6065 Osage**
- 4. On Haverton; 1' north of the lightpole 451149 near the end of the median island at the Main Street intersection**
- 5. On St. Armand's Circle; 3' north of the north edge of the front door at 12368 St. Armand's**
- 6. On the main River Road trail; 39' north of the two wooden bollards that separate the trail loop from the north/south main trail**

- 7. On River Road trail; 55' south of "Roundabout Ahead" sign on River Rd, just south of Main St**
- 8. On River Road path; 51' southwest of the lightpole 16126, ≈ 144' northeast of the north entrance to Prairie Trace Elementary**
- 9. On Knightstown Dr. E; 12' east of the mailbox at 14047 Knightstown Dr. E., on the north side of the road**
- 10. On Arnett Drive; 12' south of the mailbox at 14497 Arnett**
- 11. On Cherry Tree Rd; directly adjacent to the fire hydrant on the west side of Cherry Tree, ≈ 141' north of the intersection of Cherry Tree and Klingensmith Blvd**
- 12. On Hazel Dell Pkwy; in the middle of the left southbound lane at the intersection of Hazel Dell and Cherry Tree Rd**
- 13. On the exit ramp from the west parking lot at Northview Church; directly adjacent to the lightpole on the north side of the ramp**