



Road Running Technical Council
USA Track & Field

Measurement Certificate



Name of the course Zeigler Kalamazoo Marathon Distance 42.195 km

Location (state) MI (city) Kalamazoo

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Eric Bartz, 3110 Harvest Ave SW, Grandville, MI, 49418, 616-745-6750, eric.measure@gmail.com

Race Contact Carrie Drake, PO Box 51761, Kalamazoo, MI, 49005, 269-350-4828, director@zeiglerkalamazoomarathon.com

Date(s) when course measured: 3/20/2023, 4/6/2023, 4/8/2023

Number of measurements of entire course: 2 Course Configuration: Keyhole

Elevation (meters above sea level) Start 236.00 Finish 236.00 Lowest 232.00 Highest 285.00

Straight line distance between start and finish 0.00m Drop 0.00 m/km Separation 0.00 %

Type of surface: Paved 99 % Dirt 0 % Gravel 0 % Grass 1 % Track 0 %

Effective date of certification: April 19, 2023 Certification code: MI23005MN

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: **2033**

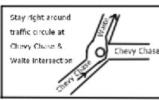
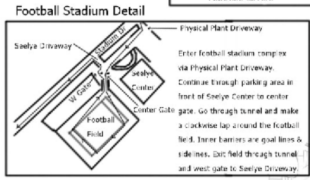
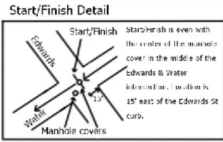
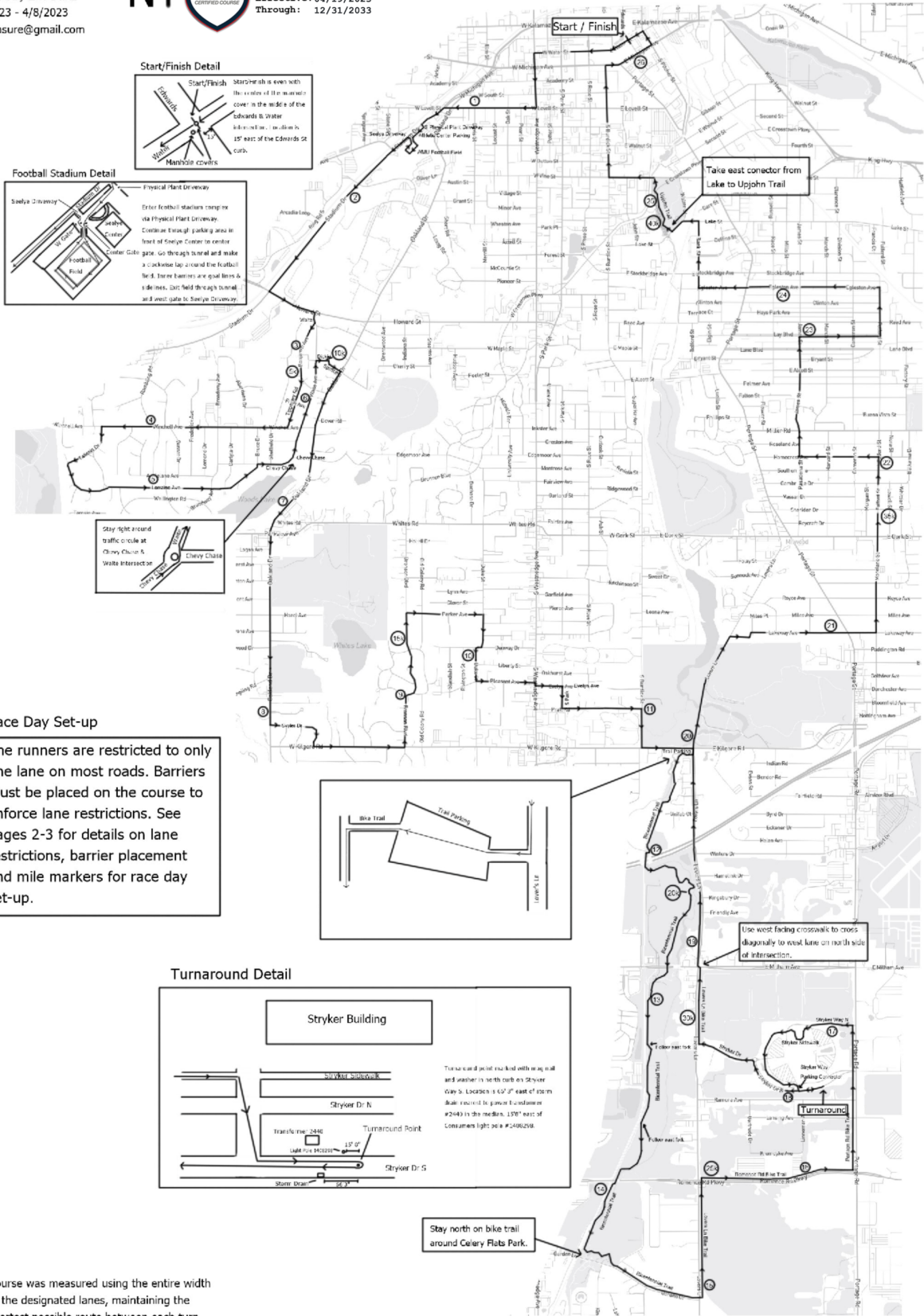
AS NATIONALLY CERTIFIED BY:

Date: April 29, 2023

Mark Neal - USATF/RRTC Certifier - 323 Griggs Street, Rochester MI 48307
(248) 894-3846 - runnermark@gmail.com

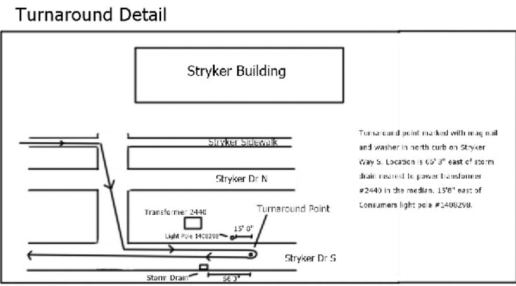
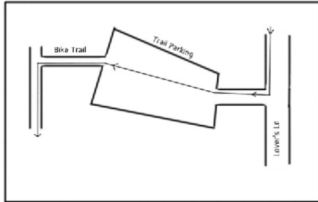
Zeigler Kalamazoo Marathon

Kalamazoo, MI
 42.195 km
 Measured by Eric Bartz
 3/20/2023 - 4/8/2023
 eric.measure@gmail.com



Race Day Set-up

The runners are restricted to only one lane on most roads. Barriers must be placed on the course to enforce lane restrictions. See pages 2-3 for details on lane restrictions, barrier placement and mile markers for race day set-up.



Stay north on bike trail around Celery Flats Park.

Use west facing crosswalk to cross diagonally to west lane on north side of intersection.

Course was measured using the entire width of the designated lanes, maintaining the shortest possible route between each turn.

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Course Directions and lane restrictions (with turn numbers):

Start WSW on E Water St (entire road)

- | | |
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| <ol style="list-style-type: none"> 1. Left on N Westnedge Ave (east bike lane) 2. Right on Lovell (south lane) 3. Left on Stadium Dr (east lane) 4. Left on Physical Plant Driveway (entire drive) 5. Through center gate to tunnel 6. Clockwise around football field 7. Through tunnel to west gate 8. Left on Selye Driveway (entire drive) 9. Left on Stadium Dr (east lane) 10. Left on Howard St (south lane) 11. Right on Waite Ave (west lane) 12. Continue onto Benjamin Ave (west lane) 13. Continue onto Tipperary Rd (west lane) 14. Right on Winchell Ave (south lane) 15. Left on Taliesin Dr (east lane) 16. Continue onto Lorraine (south lane) 17. Right on Chevy Chase Blvd (south lane) 18. Left at roundabout onto Waite Ave (east lane) 19. Right on Dickie Dr (south lane) 20. Right on Spruce Dr (south lane) 21. Right on Oakland Dr (east bike lane) 22. Left on Skyler Dr (north / west lane) 23. Left on W Kilgore Rd (north lane) 24. Left on Bronson Blvd (west lane) 25. Right on Parker Ave (south lane) 26. Right on Duke St (east lane) 27. Continue on Duke across Denway Dr (east lane) 28. Left on Pleasant Ave (south lane) 29. Continue on Evelyn Ave across Westnedge (south lane) 30. Right on S Park (east lane) 31. Left on Pratt Rd (south lane) 32. Right on S Burdick St (east lane) 33. Left on W Kilgore Rd (south lane) 34. Right on Lover's Ln (west lane) 35. Right into Trail Parking (entire road) 36. Continue onto Bicentennial Trail 37. Left to turn south onto Bicentennial Trail | <ol style="list-style-type: none"> 38. Follow east fork at both trail divisions between Milham Ave and Romence Rd 39. Follow Bicentennial Trail through north side of Celery Flats Park 40. Left on Lover's Ln Bike Trail on east side of road 41. Right on Romence Rd Bike Trail on north side of road 42. Left on Portage Rd Bike Trail on west side of road 43. Left on Stryker Way N (entire road) 44. Enter Stryker sidewalk after parking lot 45. Continue on Stryker sidewalk around building 46. Turn right on Stryker Way Parking Connector on SW side of building 47. Turn left on Stryker Dr S 48. Turn around before reaching next Parking Connector 49. Turn left on Stryker Dr, follow shortest path around roundabout 50. Turn right on Lover's Ln Bike Trail on east side of road 51. Cross Lover's Ln at Milham & continue north (west bike lane) 52. Cross Lover's Ln at Kilgore Rd & continue north (east lane) 53. Right on Lakeway Ave (north lane) 54. Left on Moreland St (west lane) 55. Continue onto Fulford St (west lane) 56. Left on Homecrest Ave (north lane) 57. Right on Pasadena St (east lane) 58. Continue onto James St (east lane) 59. Right on Lay Blvd (north lane south of median) 60. Left on Fulford St (west lane) 61. Left on Egleston Ave (north lane north of median) 62. Right on Bank St (west lane) 63. Left on Lake St (north lane) 64. Right on Upjohn trail, use east connector from Lake 65. Left on E Vine St (south lane) 66. Right on S Burdick St (east lane) 67. Continue onto Kalamazoo Mall (entire road) 68. Right on Michigan Ave (north lane) 69. Left on S Pitcher St (west lane) 70. Left on E Water St (entire road) 71. Finish on E Water St |
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Barrier Placement:

Barriers to be placed at regular intervals on the lane lines as indicated above. Placement for corners crossing restricted lanes detailed below:

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| <p>Turn 2: Cone on Westnedge even with crosswalk. Cone on Lovell even with crosswalk</p> <p>Turn 10: Cone on Howard even with left turn stop line</p> <p>Turn 14: Cone on Winchell even with utility pole on south side</p> <p>Turn 16: Cross street at Parkwyn & Lorraine intersection</p> <p>Turn 18: Follow right side of roundabout</p> <p>Turn 21: Cone on Oakland even with utility pole on SW corner</p> <p>Turn 25: Cone on Bronson even with crosswalk</p> <p>Turn 26: Cone on Duke even with 3721 front sidewalk</p> <p>Turn 27: Cone on Duke (north portion) even with crosswalk</p> <p>Turn 28: Cone on Pleasant even with utility pole</p> <p>Turn 29: Cone on Evelyn even with crosswalk</p> <p>Turn 30: Cone on S Park even with sidewalk</p> <p>Turn 31: Cone on Pratt even with gas pipeline</p> <p>Turn 32: Cone on Burdick even with crosswalk</p> | <p>Turn 33: Cone on Kilgore even with stop light on east side of intersection</p> <p>Turn 51: Use west-facing crosswalk to cross intersection diagonally. Cone on north side of intersection even with crosswalk.</p> <p>Turn 52: Cone on south side of intersection even with crosswalk. Cone on north side of intersection even with crosswalk.</p> <p>Turn 53: Cone on Lakeway even with crosswalk</p> <p>Turn 56: Cone on Homecrest even with crosswalk</p> <p>Turn 59: Cone on Lay even with median</p> <p>Turn 60: Use median as barrier</p> <p>Turn 61: Cone on Egleston even with median</p> <p>Turn 62: Cone on Bank even with crosswalk</p> <p>Turn 63: Cone on Lake even with storm drain on corner</p> <p>Turn 66: Cone on Vine even with crosswalk</p> <p>Turn 68: Cone on Michigan even with crosswalk</p> |
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Mile/5k Marker Placement

Start/Finish: Even with center of manhole cover in the middle of the Edwards & Water intersection. There are 2 manhole covers in the intersection. The correct one is the NE one. Location is 15' east of Edwards St curb.

Mile 1: On Lovell – In the Lovell/Davis intersection, 9 ft east of the telephone pole on the SW corner of intersection.

Mile 2: On Stadium – 50 ft south of second light pole south of Oliver St.

Mile 3: On Benjamin – 15 ft south of manhole cover in front of 2004 Benjamin.

5km: On Benjamin – 5'6" south of 2142 Benjamin driveway.

Mile 4: On Winchell – 17 ft east of manhole cover in center of Rambling Rd intersection.

Mile 5: On Lorraine – 13 ft east of 2809 Lorraine driveway.

Mile 6: On Waite – Event with center of driveway for 2218 Waite.

10km: On Dickie – 2'6" east of driveway for 1562 Spruce

Mile 7: On Oakland – 39 ft north of large sign for Oakwood Plaza

Mile 8: On Oakland – 9'6" north of storm drain on east side of Oakland in the middle of Autumn Crest lane intersection.

Mile 9: On Bronson – 3 ft south of centerline between the 2 manhole covers in the White Oak intersection.

15km: On Bronson – 19 ft north of utility pole 3312 in front of 3904 Bronson.

Mile 10: On Duke – Center of driveway at 4005 Duke.

Mile 11: On Burdick – Immediately after turn from Pratt. 14 ft south of Pratt.

Mile 12: On Bicentennial Trail – On bridge, 13'6" south of north side of bridge over Portage Creek just north of I-94

20k: On Bicentennial Trail – 32 ft north of distance marker 0.9. GPS coordinates: 42.23516 N, 85.57540 W

Mile 13: Bicentennial Trail – 30 ft NW of Y connecting bike trail coming from overpass with Portage Creek Park playground bike path. GPS: 42.22792 N, 85.57921 W.

Mile 14: On Bicentennial Trail – GPS: 42.21474 N, 85.58292 W

Mile 15: On Lovers Ln bike path – GPS: 42.20839 N, 85.57441 W

25km: On Romence bike path – Near Lovers Lane intersection, 4 ft east of where brick median turns to grass.

Mile 16: On Romence bike path – In center of east driveway to Stryker facility on Romence Rd. 20 ft west of east side of east driveway.

Mile 17: On Stryker Way N – 10 ft west of 3rd light pole west of Portage Rd. Location is 25 ft west of empty driveway apron.

Turnaround: On Stryker Way S – Marked with mag nail and washer in north curb. 66'3" east of storm drain near power transformer #2440 in the median. 15' 8" east of Consumers light pole 1408298.

Mile 18: On Stryker Way S – 14' 4" west of first light pole west of Stryker Way parking connector. Light pole is Consumers #1408373. GPS: 42.22167 N, 85.56572 W

30km: On Lovers Ln bike path: 26 ft south of utility pole Consumers # 1288560. Between 6216 and 6230 Lovers Ln.

Mile 19: On Lovers Ln – Even with 5904 Lovers Ln driveway. 23 ft south of storm drain between 5904 and 5846 Lovers Ln.

Mile 20: On Lovers Ln – 10 ft south of utility structure north of Portage Creek by Milham Park.

Mile 21: On Lakeway – 18 ft west of 1425 Lakeway driveway.

35k: On Fulford – 20 ft north of utility pole 2647 in front of 3008 Fulford.

Mile 22: On Fulford – 29 ft south of the storm drain at the southwest corner of Fulford and Homecrest.

Mile 23: On Lay – 1 ft east of the path between houses 1224 and 1228 Lay.

Mile 24: On Egleston – 7 ft west of front path to 1011 Egleston

40km: On Upjohn Trail – On boardwalk 7 ft north of south end of boardwalk in Upjohn Park.

Mile 25: On Upjohn Trail – 33 ft north of "Stop Sign Ahead" sign. South of Crosstown intersection with bike trail.

Mile 26: On Michigan – In Michigan & Edwards intersection. In line with west curb of Edwards.