



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

Measurement Certificate



Name of the course Ken Morgan Memorial Clove Run 10 Mi. Distance 10 mi

Location (state) NY (city) Castleton-on-Hudson

Type of course: Road Race

Measuring Methods: Bicycle

Measured By Jim Gilmer, 232 Van Wies Point Rd, Glenmont, NY 12077, jim.gilmer@gmail.com, 518-852-3562

Race Contact Sara Wescott, So Castleton Road Racing Commision, 25 Woodland Dr, Castleton, New York 12033

Date(s) when course measured: 03/14/2024, previous certification measurement on 06/03/2013

Number of measurements of entire course: 1 Course Configuration: Loop

Elevation (meters above sea level) Start 48.77 Finish 51.82 Lowest 2.44 Highest 86.87

Straight line distance between start and finish 239.12m Drop -0.19 m/km Separation 1.49 %

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

Effective date of certification: March 21, 2024 Certification code: NY24003JG

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: **2034**



AS NATIONALLY CERTIFIED BY:

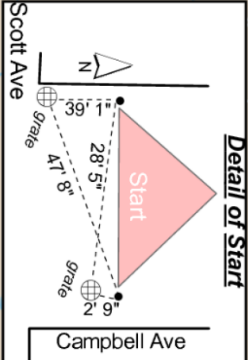
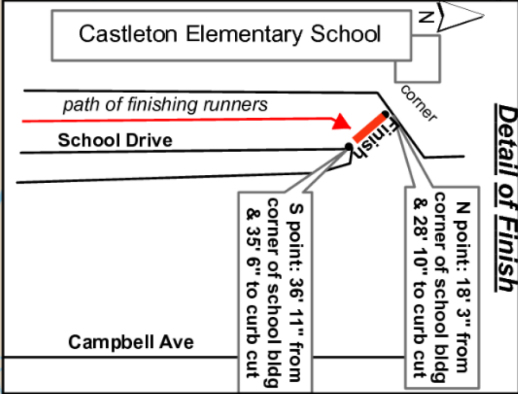
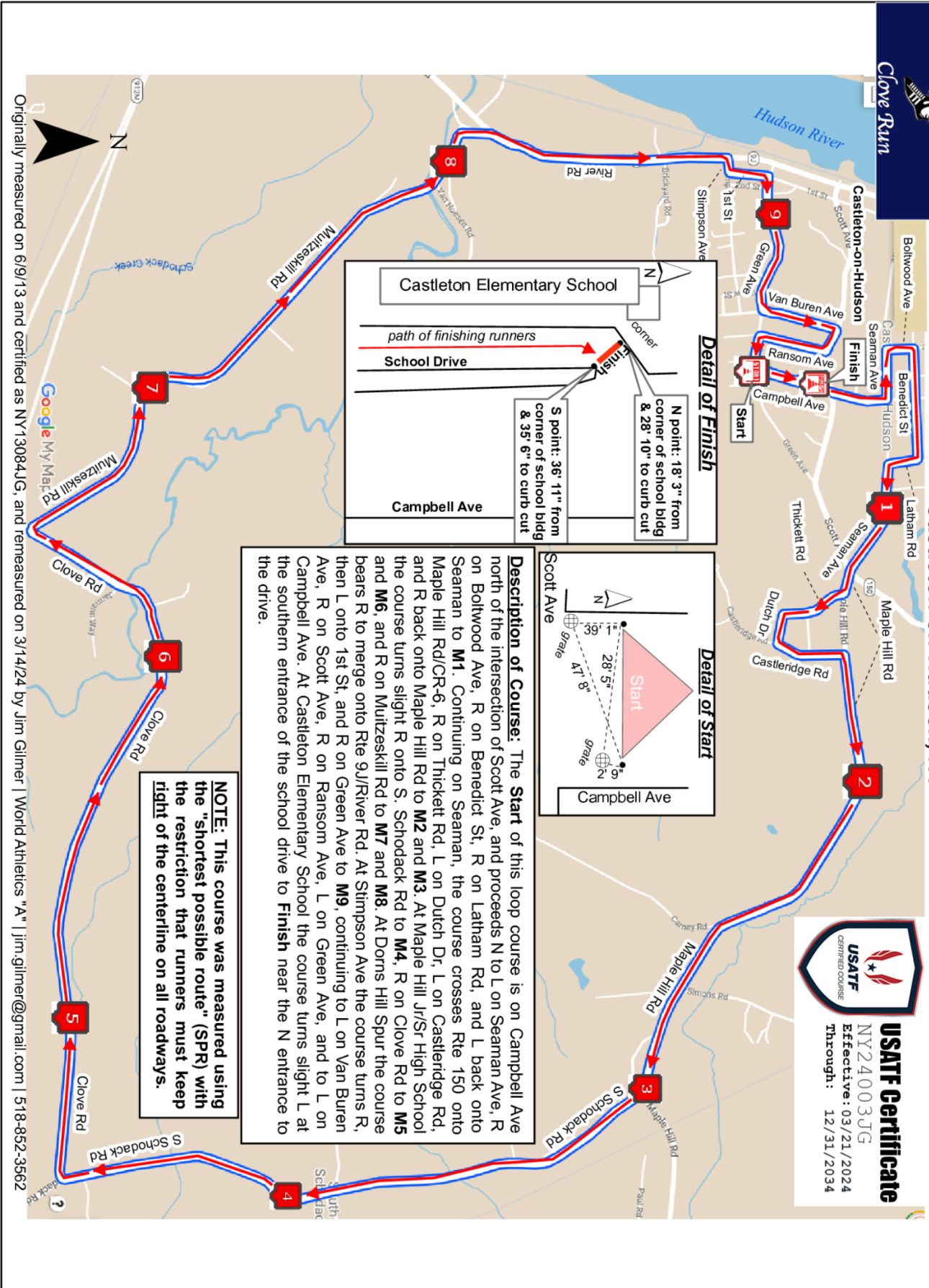
Date: March 27, 2024

Jim Gilmer - USATF/RRTC Certifier - 232 Van Wies Point Rd, Glenmont NY 12077
(518) 852-3562 - jim.gilmer@gmail.com



Ken Morgan Memorial Clove Run 10 mi

Castleton-on-Hudson, NY



Description of Course: The Start of this loop course is on Campbell Ave north of the intersection of Scott Ave, and proceeds N to L on Seaman Ave, R on Boltwood Ave, R on Benedict St, R on Latham Rd, and L back onto Seaman to M1. Continuing on Seaman, the course crosses Rte 150 onto Maple Hill Rd/CR-6, R on Thickett Rd, L on Castlelodge Rd, and R back onto Maple Hill Rd to M2 and M3. At Maple Hill Jr/Sr High School the course turns slight R onto S. Schodack Rd to M4, R on Clove Rd to M5 and M6, and R on Mulitzeskill Rd to M7 and M8. At Dorns Hill Spur the course bears R to merge onto Rte 9/J/River Rd. At Simpson Ave the course turns R, then L onto 1st St, and R on Green Ave to M9, continuing to L on Van Buren Ave, R on Scott Ave, R on Ransom Ave, L on Green Ave, and to L on Campbell Ave. At Castleton Elementary School the course turns slight L at the southern entrance of the school drive to Finish near the N entrance to the drive.

NOTE: This course was measured using the "shortest possible route" (SPR) with the restriction that runners must keep right of the centerline on all roadways.

Originally measured on 6/9/13 and certified as NY13084JG, and remeasured on 3/14/24 by Jim Gilmer | World Athletics "A" | jim.gilmer@gmail.com | 518-852-3562

Key Points: Ken Morgan Memorial Clove Run 10 mi	
Point	Coordinates
Start	42.528442°, -73.747106°
On Campbell Ave near intersection with Green Ave. Point on W is 39' 1" (direct) after storm grate on W side and 28' 5" (direct) from storm grate on E side. Point on E is 4' 10" from storm grate on E side and 47' 8" from storm grate on W side. Marked with yellow paint and PK nails both sides.	
Mile 1	42.533080°, -73.740217°
On Seaman Ave in front of #104. Point is 39' after E edge of driveway for #102 and 25' 5" before utility pole "NM 35".	
Mile 2	42.532179°, -73.726442°
On Maple Hill Rd at #966. Point is 94' before utility pole "NM 53-1". Marked on R.	
Mile 3	42.524234°, -73.711249°
On Maple Hill Rd at Maple Hill Jr./Sr HS exit drive. Point is 17'9" after "Do Not Enter" sign in drive. Marked on R.	
Mile 4	42.510971°, -73.705711°
On S Schodack Rd in front of #1279. Point is 34' 2" after driveway and directly across from mailbox for #1279. Marked on R.	
Mile 5	42.503119°, -73.714501°
On Clove Rd ~0.4 mi after turn. Point is 126' 10" after slight turnout in pavement. No other available references. Marked on R.	
Mile 6	42.506522°, -73.732893°
On Clove Rd after #95 on downhill segment. Point is 21' 4" before "School Bus Stop Ahead" sign on R. Marked on R.	
Mile 7	42.505898°, -73.746234°
On Muitzeskill Rd across from #1121 (Snowdrift Farm). Point is 32' 8" after green underground utilities box on R. Marked on R.	
Mile 8	42.516938°, -73.757447°
On Muitzeskill Rd on downhill segment ~0.06 mi after Van Hoesen Rd intersection. Point is 14' 8" after utility pole "NM-4" on R, across from concrete abutment for end of guiderail.	
Mile 9	42.528796°, -73.754935°
On Green Ave in front of #20. Point is even with E edge of concrete steps and 21' 2" before storm grate in roadway. Marked on R.	
Finish	42.530504°, -73.746244°
At Castleton Elementary School driveway N entrance from Campbell Ave. N point of line is 18' 3" from corner of school bldg and 28' 10" to curb cut. S point is 30' 11" from corner of school bldg. and 35' 6" to curb cut.	
Described as course is run. Splits are not certified. (MARKED WITH ORANGE PAINT AND SURVEY NAIL)	