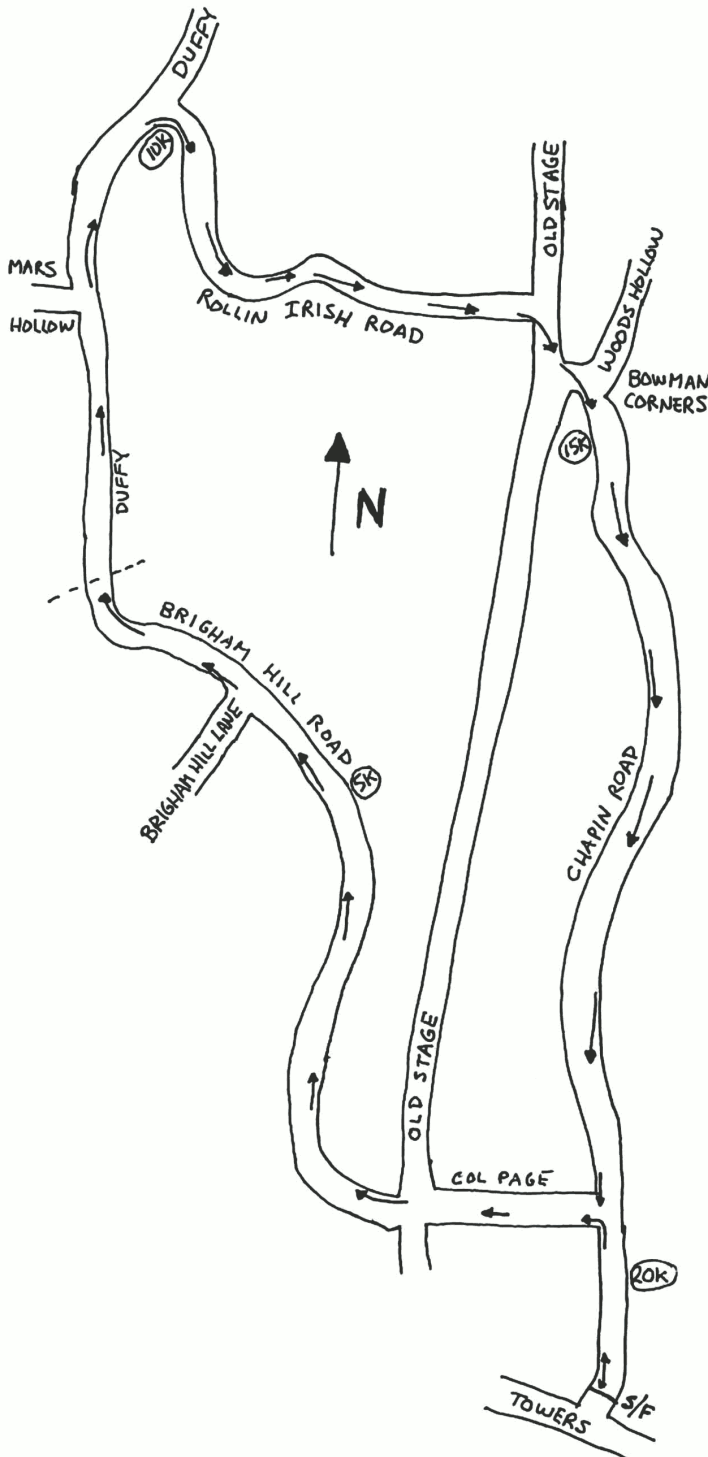
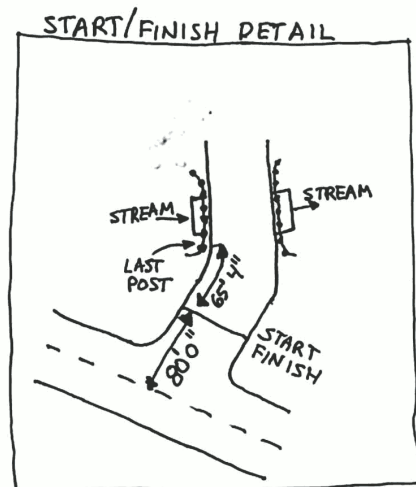
**Essex Center, VT**

**Measured by Steve Eustis on 10/7/12**  
**802-878-4385 / eustis1970@comcast.net**



Start/Finish	Chapin Road (CR) 80' north of centerline of Towers Road; 65' 4" south of last guardrail post on west side of road
mile 13	CR - 20' south of fence at edge of large field; 398' south of mile 18 of VT04001RF
20Km	#67 CR - 58' south of mailbox; 104' south of utility pole #16/17
mile 1	Colonel Page Road - 26' west of utility pole #69233
mile 2	#39 Brigham Hill Road (BHR) - 32' south of utility pole #69323/9/8; by speed limit sign
mile 3	#150 BHR - 31' east of utility pole #69358/30/14/27
5Km	#151 BHR - 91' east of mailbox
mile 4	#249 BHR - 57' east of culvert at intersection with Brigham Hill Lane; marked on guardrail
mile 5	#496 Duffy Road (DR) - 43' south of utility pole #88
mile 6	DR - about 400 feet north of Mars Hollow Road intersection; marked on guardrail
10Km	DR - 4' north of utility pole #906/3/510/57; at south end of Rollin Irish Road (RIR) intersection
mile 7	#159 RIR - 89' east of utility pole #131
mile 8	#206 RIR - 38' east of utility pole #153/24
mile 9	RIR - just before end of road - 13' east of utility pole #17/1
15Km	CR - north end of road in middle of nowhere; 26' south of labeled 15" DBH Sugar Maple Tree
mile 10	CR - just south of Essex/Westford town line; 18' south of "Buckle Up" sign; 5' south of labeled 6" DBH Serviceberry tree
mile 11	#226 CR - front door of house; 22' north of utility pole 102224
mile 12	CR - south of orchard; 87' north of utility pole #69253; 8' south of labeled 10" DBH Aspen tree

**- All splits on pavement (Start/finish, 2M, 5M, 6M, 10K, 7M, 20K, 13M) marked with PK nails in the pavement with paint**





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



Name of the course Rollin Irish Half Marathon Distance 21.0975 km  
Location (state) VT (city) Essex Center  
Type of course: road race ☒ calibration ☐ track ☐ Configuration: keyhole  
Type of surface: paved 39 % dirt 61 % gravel      % grass      % track      %  
Elevation (feet above sea level) Start 483 Finish 483 Highest 750 Lowest 295  
Straight line distance between start & finish 0 Drop 0 m/km Separation 0 %  
Measured by (name, address, phone & e-mail) Steven Eustis, 18 Wilkinson Dr. Essex Jct,  
VT 05452; phone: 802-878-4385; email: eustis1970@comcast.net  
Race contact (name, address & phone) GMAA, P.O. Box 194 Essex Jct, VT 05453

Measuring Methods: bicycle ☒ steel tape ☐ electronic distance meter ☐  
Number of measurements of entire course: 2 Date(s) when course measured: Oct 7, 2012  
Race date: May 2013 Course certification effective date: Oct 17, 2012  
Replaces: VT92003WN (if applicable) Certification code: VT12007JK

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.

**Validation of Course** — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a validation 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*** **2022**

**AS NATIONALLY CERTIFIED BY:**



Date: Oct 18, 2012

Justin Kuo • USATF/RRTC National Certifier • 39 Oakland Road, Brookline, MA 02445-6700  
Phone: 617-731-9889 • Fax: 617-939-0992 • Email: jkuo@usatfne.org