

MILE 13 – 34'7" E of west end of fence bordering spur trail



Road Running Technical Council USA Track & Field Measurement Certificate



Name of the course	Fredericksburg Blue & Gray Half-Marathon			Distance _	21.0975 km
Location (state)	Virginia (city)		Fredericksburg		
Type of course: roa	ad race 🗵 calibration co	urse 🗌			
Measuring method:	bicycle ⊠ steel tape □] electronic d	stance meter		
Measured by (name, a	ddress, phone & e-mail) Vio	Culp, P.O. Bo	x 8241		
Fredericksburg, V	/A 22404. (540) 310-480)3. e: vic@farc.	org		
Race contact (name, ac	ddress, phone & e-mail) Vio	c Culp			
Date(s) when course m	neasured: 8/13, 9/17, 10/8	8, and 10/29, 2	017		
Number of measurements of entire course: 2 Course Configuration: complex of loops					loops
Elevation (meters above	ve sea level) Start8 m	Finish	3 m Highest	78 m _I	Lowest 6 m
Straight line distance b	between start & finish	0 m	Drop0	m/km Sepa	ration%
Type of surface: pav	ed99 % dirt1_	% gravel	% grass _	% tr	ack%
Effective date of certif	ication: November	26, 2017	Certification co	ode: <u>V</u>	A17048RT
			1		s Certification Code lating to your race.
	Be It Of	ficially N	oted Tha	t	
in the map dards adopt	xamination of data provided attached is hereby certified attached by the Road Running Teclecomes void, and the course n	as reasonably accomical Council. If	arate in measureme any changes are ma	ent according t	o the stan-
of USA Tra the Road R	n of Course — In the event a cack & Field, a verification reresentation of the condition of the cords will be rejected and the cords.	neasurement may such a remeasure	be required to be perment shows the co	erformed by a sourse to be sho	member of
Th	nis certification expires	on December	31 in the year	2027	
AS NATIONALLY CERTIFIED BY:					
	Robert Th	wrston	Date	: Nov	. 27, 2017
	JSATF/RRTC Certifier				
13 Kennedy St NE,	Washington DC 20011 (2	02) 726-1518 (h)); (202) 431-0585	(m). e: thurr	et@aol.com