



EARTHWORKS



Volume 18, Issue 10

October, 2024

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Articles to look for in this month's newsletter:

- *Bridge Project Fundraiser* pages [6](#) & [13](#)
- *Wine Tasting Fundraiser* - page [10](#)
- *2025 Fund Drive*
- *October 12th Work Day* - page [14](#)



November Newsletter Deadline

If you wish to have an article published in the November Newsletter, please submit it to Fred Feltmann at faf1948@bellsouth.net no later than October 20th!

Calendar of Events - Friends/KMTC

<u>Date</u>	<u>Time</u>	<u>Location</u>	<u>Event</u>
October, 2024			
10/12	8:00 am - noon	Burnt Hickory Parking Lot (Burnt Hickory & Old Mountain Rd.)	October, 2024 Work Day
November, 2024			
11/9	8 am - Noon	Cheatham Hill Dr. Parking Lot, Near Illinois Monument	November, 2024 Work Day
December, 2024			
12/14	8 am - Noon	Visitor Center Parking Field	December, 2024 Work Day

The Park staff is conducting Virtual Events on their Facebook Page
<https://www.facebook.com/pg/KMNBP>

Current Status Of Park

All NPS outdoor events at Kennesaw Mountain National Battlefield Park are being conducted.

All trails are open, except as noted, below. All parking lots are open. The Mountain Road parking lot is open when the Mountain Road is open.

Visitor Center is now open; masks are **optional**.

The Visitor Center theater is open - the movie is being shown.

The Mountain Rd.. is open to motorized vehicles on weekdays only (excluding major holidays)

The shuttle bus is now transporting visitor to/from the Visitor Center/Kennesaw Mountain Top Parking Lot on weekends.

Trail closures

The horse trail crossing on John Ward Creek on the Kolb Farm East Trail is closed until further notice because of the treacherous creek crossing there.

See page [4](#) for a listing of NPS-sponsored events for the month of October.



Kennesaw Mountain National Battlefield Park Guidebook

The Kennesaw Mountain National Battlefield Park Guidebook sponsored by the Friends of KMNBP is now available on Amazon.

List of Abbreviations

FOKM - Friends of Kennesaw Mountain
KMNBP - Kennesaw Mountain National Battlefield Park
KMTC - Kennesaw Mountain Trail Club
NPS/KEMO - National Park Service/Kennesaw Mountain
VHP - Veterans History Project
VC - Visitor Center

Newsletter Sign-up

Would you like to receive our newsletter? To sign up, click on the following link: <http://eepurl.com/gKjX1n> Complete and submit this form. You'll be added to our subscription list.

Wish to unsubscribe? Simply follow the instructions at the bottom of the email forwarding the newsletter link, and you'll be permanently removed from our mailing list. To re-subscribe, you will need to use a different email address - removal is permanent for the original email address!

“Earthworks” is published monthly jointly by the Friends of KMNPB & the Kennesaw Mountain Trails Club.

Editor: Fred Feltmann
678-315-5888

E-mail: faf1948@bellsouth.net

Additional Volunteers needed! Call today!



National Park Service
U.S. Department of the Interior

Kennesaw Mountain National Battlefield Park
900 Kennesaw Mountain Drive
Kennesaw, GA 30152

(770) 427-4686 phone
www.nps.gov/kemo

National Park Service, U.S. Department of the Interior, Kennesaw Mountain National Battlefield Park, 900 Kennesaw Mountain Drive, Kennesaw, GA 30152, (770) 427-4686 phone,
www.nps.gov/kemo

Kennesaw Mountain News Release

Release Date: Immediately

Contact: Marjorie Thomas, Marjorie_thomas@nps.gov, 770-427-4686 x 231

John Ward Creek Crossing Closed to Horseback Riders

Kennesaw, GA – Effective immediately, the John Ward Creek crossing just south of the Illinois Monument is closed to horseback riders until further notice. This closure stems from a safety concern due to hazardous conditions relating to an unstable streambed. The closure affects the creek crossing between Milepost 3.5 and Milepost 4 of the Kolb’s Farm East Trail.

Superintendent Patrick Gamman states, “We are concerned for the safety of all park users. Crossing John Ward Creek at this section of the trail poses a risk that we want to alert our horse community to, as it could potentially cause harm to both horse and rider. We will be working as quickly as possible to mitigate this problem.”

Please contact the park at 770-427-4686 or visit the park’s website at www.nps.gov/kemo for further information.

[The National Park Service](http://www.nps.gov)

About the National Park Service. More than 20,000 National Park Service employees care for America's 423 national parks and work with communities across the nation to help preserve local history and create close-to-home recreational opportunities. Learn more at the [NPS website](http://www.nps.gov), and on [Facebook](https://www.facebook.com/nps), [Instagram](https://www.instagram.com/nps), [Twitter](https://twitter.com/nps), and [YouTube](https://www.youtube.com/nps).

July, 2024 Update
Work on the bridge replacement is previously scheduled to begin in August, 2024 has been indefinitely postponed.

EXPERIENCE YOUR AMERICA™

The National Park Service cares for special places saved by the American people so that all may experience our heritage.

Newsletter 3

<http://kennesawmountaintrailclub.org>



Kennesaw Mountain National Battlefield Park Interpretive Programs for **October**

**All outdoor programs are weather-dependent.*

**Unless otherwise noted, all programs will be held at the Visitor Center*

Museum Tours every Monday, Wednesday, and Friday @ 2:00 pm!

October 6 @ 11 am- Mountain Top Hike

This ranger-led hike will take you roughly 1 mile up to the peak of Big Kennesaw Mountain. Along the way, you'll learn about the flora and fauna of the area and the history that shapes us from pre-history, through Civil War and on to today. The hike is semi-strenuous so bring water and good shoes!

October 12 @ 11 am – Cheatham Hill History Walk

Come on out and enjoy a casual, history-focused walk around one of the most significant sites of the Battle of Kennesaw Mountain. Hear accounts from Union and Confederate survivors, and fully experience the area that would earn the nickname of the “Dead Angle.”

**Parking will be at the end of Cheatham Hill Drive, off Dallas Highway.*

October 13 @ 11 am – Assault Trail Hike

“How can a man die better, than by facing fearful odds?” Experience the Union assault against the Confederate high ground of Cheatham Hill, as it happened. Follow in the footsteps of the brave soldiers who fought at the Battle of Kennesaw Mountain 160 years ago. This hike is somewhat strenuous. Please have plenty of water and good shoes.

**Parking will be at the picnic area of Recreation Area 3 (Thomas HQ site on the brochure) along Cheatham Hill Road.*

October 19 @11 am- Animals of Kennesaw Mountain

As one of the largest continuous green spaces outside of metro Atlanta, Kennesaw Mountain is home to a fascinating array of wildlife. In this program, you will learn about these animals and the National Park Service's efforts to protect their habitats by preserving the battleground. Program will be at the Visitor Center and is great for kids!

October 20 @1 pm– Life of a Soldier Gear Layout

Life for the infantry soldier (Union or Confederate) was anything but easy. Long marches, bad food, and worse living conditions made it tough going for these young men. Join us as we lay out the gear that made such intense campaigning possible. You will see period-correct uniforms, weaponry and even get up close and personal with artifacts from the Battle of Kennesaw Mountain!

October 26 @11 am– Mountain Top Hike

This ranger-led hike will take you roughly 1 mile up to the peak of Big Kennesaw Mountain. Along the way, you'll learn about the flora and fauna of the area and the history that shapes us from pre-history, through Civil War and on to today. The hike is semi-strenuous so bring water and good shoes!

October 27 @ 11 am, 12 pm, 2 pm and 3 pm – Infantry Demonstrations

The Civil War was the first modern war in history, fought using tactics and techniques still relevant to the battlefield today. Come out and experience our living historians as they encamp and offer rifle firing demonstrations at the above- listed times.

**** For more program details, please contact Visitor Center at 770-427-4686, ext. 0.*

The 2024 Share the Experience Employee Photo Contest

Do you have a favorite photo of your park site or another Federal land that you would like to share? The 2024 Share the Experience Employee Photo Contest launched in June and is accepting entries through December 31, 2024. The contest is a great way to share the photos you have taken while off duty or as a Volunteer and you have a chance to win a prize. Eleven winners will be selected to receive an America the Beautiful – National Parks and Federal Recreational Lands Annual Pass and outdoor gear. The grand prize winner will also receive a framed copy of the winning photo.

The 2023 grand prize-winning photo was taken by NPS intern Sophie Ulik while visiting Sequoia & Kings Canyon National Parks. See the 2023 winning photos and enter the contest at <https://employees.sharetheexperience.org/login>.

To be eligible for the contest, you must be employed by or volunteered for the U.S. Fish and Wildlife Service, National Park Service, USDA Forest Service, Bureau of Land Management, Bureau of Reclamation, or U.S. Army Corps of Engineers at some time during the Submission Phase of the contest (June 13 - December 31, 2024). Photos must be taken while off-duty at lands managed by the above six agencies.

Enter up to 10 photos by December 31, 2024, to be eligible to win.

If you have any questions email waso_interagency_pass@nps.gov.



New Bridge Proposal

The Friends group had submitted a grant request for \$40,000 from the National Park Foundation. While the project was not funded, we are still committed to the project. This request is for a pre-fab bridge that is 48' long and 8' wide going across a large creek on a proposed new trail, which will be made public once the funds are raised. The estimated bridge cost is ~\$52,000 and \$8,000 to complete the bridge installation and approach trails. Superintendent Patrick Gamman's target installation date is the February 2025 workday. Therefore, we need to raise the \$60,000 by mid-January, 2025.

See page 12, "[Six Ways To Donate](#)" for ways to donate and Page 12, "[2024 Pledge Card](#)". Be sure to designate that your donation is for the 2025 Bridge Project. More details to

come in the location/name of trail if the grant is approved!!!

The good news is that \$5,000 has already been pledged!

Mike Collett

Trails Director



The Friends Of Kennesaw Mountain

The Friends of Kennesaw Mountain's mission is to raise funds to support programs and projects at the Kennesaw Mountain National Battlefield Park.

Your Membership helps to fund this mission.

Please join us.

Our Mission:

The mission of the Friends of Kennesaw Mountain is to work in partnership with the National Park Service and the local community to provide volunteers and raise funding to support activities such as:

- Visitor & Away Events
- Transportation, Housing, and Feeding of volunteer groups (example: Living History, Student Conservation Association, Invasive Plants Team)
- Museum Upgrades and Indoor and Outdoor Exhibit Additions (& the Wallis House)
- Restrooms, Parking, and Picnic Area Facilities
- Trails, Fire Roads, and Bridges Maintenance
- Educational Day Trips and Vacation Camps
- Volunteer-In-Park Training Programs

The ultimate goal is to create endowments for the most significant expense items and move them toward a sustainable and perpetual self-funded status that reduces the need for these items to rely on federal budget support.

Future Dates

OCTOBER 5, 2024 TRAIL AMBASSADOR TRAINING/FIELD TRIP TRAINING

OCTOBER 12, 2024 TRAIL WORK DAY

OCTOBER 15, 2024 FOKM/KMTC BOARD MEETING

NOVEMBER 2, 2024 CREW LEADER TRAINING TBD

NOVEMBER 9, 2024 TRAIL WORK DAY

DECEMBER 14, 2024 TRAIL WORK DAY

Help Wanted: Leadership Positions

As a result of the recent merger of the Kennesaw Mountain Trail Club (KMTC) and Friends of Kennesaw Mountain NBP (Friends), as well as position resignations, the following positions are vacant.

These positions are needed to advance the Friend's mission as the Philanthropic Partner of Kennesaw Mountain NBP, NPS.

As you volunteer with Friends' activities, please consider participating in one of the following leadership roles.

1. Secretary, Board of Directors.

2-year term

"The Secretary shall keep, or cause to be kept, accurate records of the deliberation, actions and resolutions of the Board and of the Executive Committee and of such other committees as may be determined by the Board or the Board Chair." By-laws Friends.

2. Volunteer Coordinator, Staff.

1-year term

"Responsible for the planning and implementation of registration on scheduled Trail Workdays as well as for approving volunteer hours and volunteer performance certificates. The job requires on-going coordination with the various groups and individuals representing the NPS, KMTC and local volunteer community."

Coordinates assignment of Friends VIP (volunteers in parks) to support Friends events and requests for support from NPS. Helps develop and refine the volunteer management aspects of the Friends website.

3. Grants, Staff.

1-year term

Identifies grant opportunities to support Friends' efforts. Prepares grant applications. Administers approved grants.

4. Member, Fundraising Committee, Staff. (several positions available)

1-year term

Reports to Board Fundraising Director

Participates in the development and implementation of the fundraising function of Friends.

Continued on Page 8

Help Wanted!
Continued from Page 7

5. Member Website Development Committee, Staff (several positions available)

1-year term

Reports to Board Social Media Director

Participates in the development and implementation of the Friends website.

6. 161st Park Anniversary (2025) Coordinator, Staff

1-year term

This individual would head up a volunteer group to coordinate various activities with the NPS staff to conduct the 161st Anniversary of the Battle for Kennesaw Mountain.

Activities might be:

- Fundraising
- Parking
- Food logistics for feeding the various volunteers
- General logistics
- Publicity
- Hospitality Services

7. Endowment Fund Chair, Staff

2-year term

Coordinate/lead the activities necessary to establish an Endowment Fund for the Friends:

- Policies
- Publicity
- Establish a core group to manage it

For more details or to be considered for these positions please contact:

Jay Haney, (770) 313-4864, haney69jb@gmail.com

For the Governance/Nominating Committee

18 July 2024

Kudos, Andrew!

On September 25th, the Save Acworth History Foundation and City of Acworth, Georgia dedicated six storyboards across town. Andrew Bramlett researched and wrote the original drafts of four of these panels.

Andrew is the administrator for the Friends media efforts - thanks for all you do!

<https://tinyurl.com/3862yxyf>



2024-2025 FOKM/KMTC Board Members (Approved)

The following slate of officers was approved at the Annual Business Meeting held on September 21st, 2024

Board Emeriti--Scott Mackay (non-voting)

Officers (2 year term)

*Board Chair--vacant**

President--Donald Olds

Vice President--Lewis Bramlett

Treasurer--Tom Okerberg

*Secretary--vacant**

Board members (3 year term)

Friends Events--Kathy Bearden

Fundraising--Bart Henderson

Social Media--Andrew Bramlett

Trail Director--Mike Collett

Director--Raj Gupta

Director--Fred Feltmann

Director--Jerry Givan

Staff (1-year term)

*Grants--vacant**

Communications/Newsletter Editor--Fred Feltmann

Plants & Wildlife--Danny Leigh

Information Technology--Jerry Givan

Trail Ambassadors--Kathy Van Valkenburg and

Laurie Poppell

Youth Projects--Tom Carden

Outreach--Mathew Dobson

*Volunteer Coordinator(internal and external)--vacant**

**See pages 9 & 10 for additional information regarding these vacancies.*

Wine Tasting

BENEFIT

Please join Friends of Kennesaw Mountain

Wednesday, October 23rd

5-7 p.m.

Wine tasting \$10

Door prize tickets 5 for \$20

At the Marietta Wine Market

18 Powder Springs St. SW Marietta, 30062



Come on out for great door prizes, light snacks and meet fellow friends! The trail club supports park improvements and programs to make our mountain even better and we need your support!

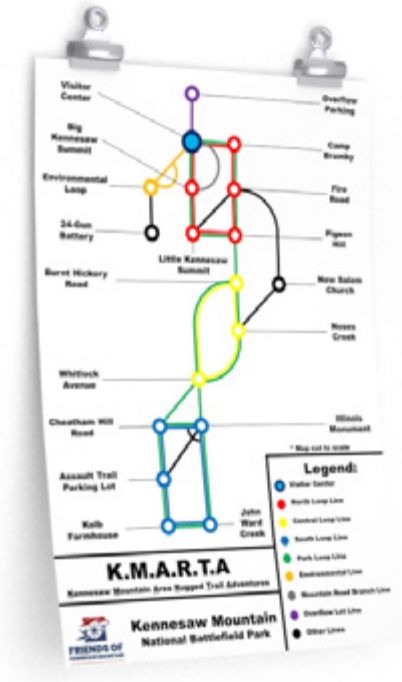


Friends is a 501c3 qualified charity

The Friends of Kennesaw Mountain Webstore

The Friends of Kennesaw Mountain is excited to announce our new webstore! Our first product is a unisex T-shirt, which is 100% cotton. The design on the back of the shirt shows Kennesaw Mountain and the Visitor Center. It is inspired by the New Deal travel posters from the 1930's. The shirt can be purchased online for \$20 at <https://friendsofkmnbp.org/shop/>. Visit our website! *New items have been added!*

Andrew Bramlett



Some of the items for sale.



Front



Back



Become a supporting member of the Friends of Kennesaw Mountain National Battlefield Park (KMNBP)

The Friends of KMNBP's mission is to raise funds to support programs and projects at the Kennesaw Mountain National Battlefield Park.

These include:

Hiking/Equestrian Trail improvements and Maintenance

Museum improvements and expansion

Living History Demonstrations

Additional parking and restrooms

Guest speakers

More

Our long term goal is to establish endowments to provide perpetual sources of funding for the programs that make the park special for all of us and generations to come.



Your annual membership will help us achieve our goals. We are a 501(c)(3) tax deductible organization. 100% of all funds received are put to use for and at the Kennesaw Mountain National Battlefield Park.

Annual membership levels:

- Hiker up \$249
- Trail Guide \$250
- Peak Performer \$500
- Superintendent's Circle \$1,000
- Canine Corps \$120
- Park Sustainer \$10/mo+ (\$120 Annually)
- Tribute Salute – Amount given in honor/memory of someone



Six Ways To Donate

You can support the Friends in 6 ways:

1. Directly through our website - <https://friendsofkmnbp.org/giving-membership/donate/>
2. Through PayPal - <https://www.paypal.com/US/fundraiser/charity/3750205>
3. Through Guidestar (Network for Good) - <https://www.nfggive.com/donation/83-4627827>
4. QR Code:



5. DipJar located in the Visitor Center - New!



6. Or, by mailing to:
Friends of KMNBP
905 Kennesaw Mountain Drive
Kennesaw, GA 30152

Thanks for your support!

Please Use the pledge card on the following page when mailing in a donation.

Please check with your company to see if they will match your gift.



2025 Pledge Card

Note: New category - 2025 Bridge Project!!!!

This is a \$60,000 Project - can you pledge \$50, \$100, \$500, or more? If so, please complete the Pledge Card, below, and send it to the address on the card - we've already raised \$5,000!



Friends of Kennesaw Mountain National Battlefield Park 2025 Pledge Card

Name _____
 Address _____
 City, State, Zip _____
 Phone _____
 Email _____

Complete and mail to:

Friends of Kennesaw Mountain
 Attn: 2025 Pledge
 905 Kennesaw Mountain Drive
 Kennesaw, GA 30152

- Hiker up \$249
- Trail Guide \$250
- Peak Performer \$500
- Superintendent's Circle \$1,000
- Canine Corps \$120
- Park Sustainer \$10/mo+ (\$120 Annually)
- Tribute Salute – Amount given in honor/memory of someone

<u>Pledge:</u>	<u>Amt</u>
General Fund - Friends	_____
Trail Club -	_____
Living History -	_____
Endowment Fund	_____
<i>Bridge Project</i>	_____
<i>Check one or designate amount for each.</i>	

One Payment _____
 Quarterly Payment _____
 Monthly Payment _____
 Does your company match? Y__ N__
 Invoice me _____
 (Monthly __ Quarterly __)
 Check enclosed _____
 (Payable to "***Friends of KMNB***")
 Credit Card Number: _____
 Expiration date _____
 Security Code _____
 I wish to remain anonymous _____



EARTHWORKS



September 14, 2024, Workday

Our September Work Day was cancelled Thursday, September 12 because of a 70% chance of severe weather during the workday. This work plan has been rescheduled to the workday on January 11, 2025.

October 12, 2024 Work Day

Our next workday is Saturday, October 12, 2024, we will be performing annual maintenance on Hardage Mill Trail from where the trail meets the Noses Creek Trail to the north side of Noses Creek. We will be meeting at the Pigeon Hill parking lot.

Mike Collett
Trails Director



Work area for October Work Day.

“Other” Volunteers Needed!

Interested in being more active with the Trail Club (or the Friends), but don't want to do Crew Leader or Trail Ambassador work? See pages [9-10](#) for a list of activities/functions needed to maintain the organizations and contact the various department heads to volunteer!



Crew Leader Training Class - 11/2/24

The next Crew Leader class is Saturday, November 2 from 8:00 am to 12:30 pm. Ninth grade students and above can take the class. We will meet at the NPS Tool Shed adjacent to the field near the Visitor Center and the picnic area.

Mike Collett
Trails Director

A Special Thanks!

Each year we have various groups who come out and help us. Henceforth, we will make every attempt to list your group here for the current/past fiscal year. If you are participating as a group, be sure to let us know when you are registering!

Following is a list, in alphabetical order, of the groups who participated during Fiscal 2023 (October 2022- September 2023 and Fiscal 2024 (October 2023- September 2024):

FY 2023

ALLATOONA HS NJROTC
ATLANTA OUTDOOR CLUB (AOC)
GA TECH ROTC
HARRISON HIGH SCHOOL
HILLGROVE HS NJROTC
KING'S ACADEMY HS AJROTC
KSU
KSU, ALPHA PHI OMEGA
KSU VOLUNTEER DAY STUDENTS
MARIETTA HS SPORTSMANS CLUB



FY 2024

ALLATOONA HS NJROTC
ATLANTA OUTDOOR CLUB
ETOWAH HIGH SCHOOL EAGLE SERVICE CONNECTION CLUB
HILLGROVE HS NJROTC
KSU
EAGLE SCOUT PROJECTS (NUMEROUS TROOPS)

This Past Month's Volunteers

The September Work Day was cancelled because of inclement weather.

Crew Leader & Trail Ambassador Positions Available!

Contact Mike Collett (regarding Crew Leader positions) or Kathy Van Valkenburg/Wendy Turner (Trail Ambassador positions) if interested.

Mike Collett - trails@kennesawmountaintrailclub.org

Kathy Van Valkenburg/Wendy Turner - ambassador@kennesawmountaintrailclub.org

Register for Our Work Days!

Be sure to register online for our Work Days at. By registering, we can be better prepared with the amount of tools, bottled water, gloves, etc. on hand.



October 12 Work Day -

Parking and registration is in the Field next to Burnt Hickory Parking Lot (Corner of Burnt Hickory and Old Mountain Rd.) - <https://friendsofkmnbp.org/get-involved/volunteer-opportunities/>

Mark Your Calendars!

Upcoming Work Day Schedule:

We are back in the business of trail maintenance! See the sign-up links, above. We are still limiting our numbers, but anyone one is now welcome to sign-up.

The Trail Club will provide supervision and tools. Volunteers should wear work clothes and closed toed shoes. Participants are encouraged to bring their own water, work gloves and masks. The NPS Volunteer Service Agreement and COVID forms are required, signed by a parent or guardian, if the student is under 18 years old. The forms are available on the trail club web site: <http://www.kennesawmountaintrailclub.org/volunteer.php>

For October's work day, parking and registration will be in the field next to the Pigeon Hill Parking Lot at Burnt Hickory and Old Mountain Rd.. Vehicle Entrance Passes will issued at registration.

If your school, church, business, or community organization would like to schedule a special work day as a team

building or public service activity, e-mail us at trails@kennesawmountaintrailclub.org at least 4 weeks in advance. Trail work can be performed any day of the week.

We work closely with the Park Service and assist the park staff by providing critically needed volunteer effort to install signs, build bridges, and maintain the 20+ miles of trails. Since our beginning in 2002, the Trail Club has donated over 281,000 volunteer hours to Kennesaw Mountain National Battlefield Park.

We hope to see you at a work day as soon as we return to our normal work days.

Cancellation policy

If rain is forecast for the work day, we will issue a cancellation notice on our website at least 24 hours before hand. In addition, during the winter months, if the temperature is forecast to be below 40 degrees, we will also issue a cancellation at least 24 hours prior to the work day.

KMTC Contact List - Updated 10/01/24

POSITION	NAME	E-MAIL
Trails Director	Mike Collett	trails@kennesawmountaintrailclub.org
Newsletter Editor	Fred Feltmann	comdirector@kennesawmountaintrailclub.org
Information/Technology Director	Jerry Givan	webmaster@kennesawmountaintrailclub.org
Trail Ambassador Co-Director	Kathy Van Valkenburg	ambassador@kennesawmountaintrailclub.org
Trail Ambassador Co-Director	Laurie Poppel*	ambassador@kennesawmountaintrailclub.org
Plants Director	Danny Leigh	plants@kennesawmountaintrailclub.org
KMTC Website	http://kennesawmountaintrailclub.org/	
NPS Website	https://www.nps.gov/KEMO	

* updated

The Use and Setting of Stone Steps at Kennesaw Mountain National Battlefield Park

The trail grade should be about 6 percent or less for a trail with out-slope to drain rain water across the trail and not down the trail. When rain water drains down a trail increased erosion of the trail surface occurs. When the grade of a trail is much greater than 6 percent, stone steps can be used to prevent erosion of the trail surface from rain water.

Each stone used for steps should be heavy enough to not be disturbed by hiker traffic on the trail. The stones used for steps are not set in place with concrete, therefore the setting of each step stone is important. Each step stone should have a flat surface on both the top and bottom. The overall dimensions of each stone step should be about 12" x 18" x 8" to give a rise of 8" and a run of 11". The width of each row of stone steps should be the same as the trail width to accommodate the trail hiker traffic.

Stone steps are started from the lower ground level and level to the ground. This first row of stone steps is known as the splash stones. The bottom of each stone's surface shape is noted and a hole depression shape matching that of the step stone bottom surface shape is made so that the stone sets firmly on the ground. Each succeeding step stone is set on the ground with a 1 inch to 2 inches overlap with the lower step stone. The organic soil should be cleared so that the step stone lower surface is in contact with mineral soil. A thin layer (1/2") of mineral soil is spread over the hole impression to make the bottom of the step stone level with the overlapped edge of the lower step stone and firmly seated so there is no movement when stepped on.

Note that the first row of step stones are even with the lower ground level and acts as a splash impact for the rain water runoff from the upper stone steps. On any steep incline change, downhill water flow from the trail can be broken by cascading the water flow down the stone steps to the splash stones, where the water flow is directed horizontally not vertically off the splash stones. This horizontal redirection of the water flow reduces the soil erosion at the lowest stone steps, because the vertical gravitational influence on the cascading water is significantly reduced.

Geoff Grosguth



Photos by Geoff Grosguth.

Sponsors/Partners Corner

Many thanks to our Sponsors and Partners for their support!



<http://americanhiking.org>



KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK

Trail Maintenance Map

