

**U.S. Army Corps of Engineers
Fiscal Year 2021
Handshake Program Application**

Please review instructions before completing application!

Corps Lake/River Project Name: **Barren River Lake**

District / Division:**LRL/LRD**

Handshake Proposal Title: **Highlander Trail System**

Corps POC Name:**Daniel R. Taylor**

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A. Checklist:

1. Will the Handshake funds be spent on Corps facilities and resources that are being fully maintained by the Corps? (not in outgranted parks) **Yes** **No**
 2. Will the Challenge Partnership agreement be with a non-federal public or private entity(ies)? **Yes** **No**
 3. Is the proposed activity within current authorities and contained in the annual or 5-year work plan in the approved lake project OMP? **Yes** **No**
 4. Have all of the NEPA requirements been considered for this project? **Yes** **No**
 5. I am aware the Challenge Partnership Agreement must be reviewed and Approved by District Office of Counsel before sending to HQUSACE. **Yes** **No**
 6. If the full funding amount requested is not available, could a portion of this Handshake Project be completed with partial funding? **Yes** **No**
 7. I am aware that all government funds must be spent in accordance with FAR, DFAR and AFAR contracting laws and regulations, and that Handshake funds cannot be provided to the partner(s). **Yes** **No**
 8. Did you participate in a Handshake Webinar in 2019 or review a 2019 Handshake Webinar on the Gateway? **Yes** **No**
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B. Handshake Funding Request (maximum \$25,000): 25,000

C. Incentive Points Category: Check the appropriate box if your application qualifies to receive bonus points on the evaluation score.

- This project will be completed with a national MOU partner with which the Lake or Project hasn't previously partnered. (100 points).
- This project reduces O&M cost to the Corps over the lifecycle of the proposed project or improves existing infrastructure. (100 points).

D. Describe your partnership and the proposed Handshake Partnership Project:

Project applications will be evaluated on the categories below. Please complete each section as appropriate.

Summary Statement:

This project will construct a new mountain bike and hiking trail system named Highlander Trail, under a collective partnership between the Corps, Southwest Kentucky Mountain Bike Association (SWKyMBA), Cave Country Trails, Friends of Barren River Lake and State Park, and Glasgow Lions Club. This will be the first mtn. bike trail in Barren County and will be a welcomed improvement to the land-based recreational infrastructure of the region. Due to the proximity of the State Resort Park and 10,000 acres of water at BRL, this project will have a positive impact on the eco-tourism of the area and encourage folks to reconnect with the great outdoors.

Highlander Trail will be the latest improvement to a growing mtn. bike mecca in south-central KY. The trail corridor has been detail flagged and mapped by a professional trail builder to maximize the use of the land. This trail will be built using techniques to maximize the users' experience while maintaining the natural aesthetics of the recreation area. BRL has worked with SWKyMBA on the Twisted Oliver Trail at BRL and they have been instrumental in bringing Highlander from conceptual phase to the initiation of trail construction. The MOU with SWKyMBA has been updated to reflect the addition of Highlander and the responsibilities that SWKyMBA will take on to manage the trails in the future, which will keep the O&M costs to a bare minimum for the Corps.

Handshake Funding Cost Break Down:

The goal of this handshake application is to bring the Highlander Trail to fruition. The trail will be constructed in a hybrid build fashion, which will utilize a professional trail builder to "rough in" the trail and volunteer labor to put the finishing touches to the trail surface. Utilizing this approach, we can get a professionally designed trail for less money. We estimate a professional builder will cost approximately \$11K per mile. The goal with this funding is to get the first loop of Highlander Trail (War Hammer Loop - ~4 miles) fully open and ready for use. We will then look at additional funding opportunities to build the second loop (Bagpipe Burner - ~4.6 miles) and have the entire trail system completed. We would utilize the \$25,000 of handshake grant funding exclusively for the contracting of a professional trail builder for War Hammer Loop.

Cost Break Down:

War Hammer Loop (Professional Trail Builder) - \$25,000

Longevity / O&M description:

This trail will serve Barren County and the visitors to our area for years to come. SWKyMBA has a very proven track record of not only building the miles of multi-use hike/bike trails in southern KY, but also maintaining the trails that they help build. SWKyMBA put in over 1,800 hours in the construction of the 3.5 mile Twisted Oliver Trail at BRL and has also invested 182 hours of volunteer labor into trail maintenance at BRL so far. The Highlander Trail system will be constructed using International Mountain Bike Association standards for trail construction, which will result in less overall maintenance over the lifetime of the trail and will help to maintain the natural environment to the utmost extent. Through the existing MOU with SWKyMBA, long-term O&M costs will be kept to a minimum for the Corps

Partnership Value:

Barren River Lake has a long-term relationship with SWKyMBA, Friends of Barren River Lake and State Park, and the Glasgow Lions Club. The partnership with Cave Country Trails would be new to BRL, but is a very valuable addition. Cave Country Trails has been instrumental in the region with promoting trails of all uses and they plan to promote the addition of new "Trail Town" designations in the area. SWKyMBA has already invested 50 hours in the design and scope of Highlander. It is estimated that an additional 1,800 hours will be invested by SWKyMBA on the construction of War Hammer Loop. SWKyMBA has also pledged \$20,000 towards the construction of this trail. The Corps will provide trail building tools, equipment, PPE, and contract execution. The Handshake Funding will provide the contracted labor to build War Hammer Loop at Highlander Trail.

Recreational Benefit:

The project involves the development of 140 acres of land adjacent to the Barren River Lake State Resort Park. The addition of this recreational opportunity to an area of the lake that already sees over 250,000 visitors per year, will allow for the optimal utilization of the trail by all of the target user groups (mountain bikers, hikers, cross-country/trail runners, and nature observers). When completed, Highlander Trail will be a 8.6 mile multi-use trail that will be family-friendly, yet still have technical features that will make it attractive to users of all skill levels. The breathtaking views of the lake coupled with the beautiful natural environment of the area will make this trail a memorable recreation experience for visitors. With an overall visitation of approximately 1.4 million per year to BRL, this trail has the potential to offer a recreational benefit to a multitude of users. By adding an asset like Highlander Trail to the BRL area, we are creating a recreational experience for generations to enjoy.

Environmental Stewardship Value:

The primary purpose of this trail may be to provide a new recreational opportunity, but with the use of proper trail building techniques, we are also providing an opportunity for users to see the benefits of keeping the importance of environmental stewardship at the forefront of everything that we do as land managers. The trail has been laid out by a professional trail builder to use the natural contours of the land and keep tree removal to a bare minimum. We want to reconnect people with the natural environment, not disrupt the pristine nature of the habitat that already exists. Every step in the process of moving this trail forward has been with environmental stewardship in mind.

Communication & Education Value:

We plan to use this trail for nature hikes and incorporate it into our interpretative services that we provide to the recreating public. It is our vision to have native wildflower walks, tree identification talks, and other environmental stewardship programs as part of this trail coming to fruition. The trailhead kiosk will have information posted on proper trail etiquette, monitoring trail conditions, and the "Leave no Trace" principle of packing out what you bring in to the area. We will also be able to discuss the purpose of Flood Risk Management, Natural Resource Management, and the important role that each one of us plays in protecting our environment.

Innovativeness:

The addition of Highlander Trail will be the only of its size within a 50 mile radius and will add a recreational opportunity that currently does not exist in Barren County. It is a unique opportunity to revitalize an area of the lake that is adjacent to the State Resort Park and provide a new opportunity for visitors to enjoy beautiful Barren River Lake. The partnership that we have with SWKyMBA is one that we take great pride in. They are true trail stewards and see the value in bringing this recreational opportunity to Barren County. This will be the first handshake grant at BRL to include this many partners. In doing so, we believe that this shows the community involvement in making sure that this trail comes to fruition.

Conclusion:

The addition of this multi-use trail at Barren River Lake will be a great asset to the eco-tourism of the area. This will be the first trail of its kind in Barren County and will improve infrastructure for land-based recreational opportunities at BRL. This funding will be instrumental in bringing Highlander Trail to fruition and will help to further strengthening the great partnerships that exist at BRL. We appreciate your consideration on this grant request.

Double click on spreadsheet to access data entry fields and to enter Partner names.

You MUST enter partner names into the spreadsheet:

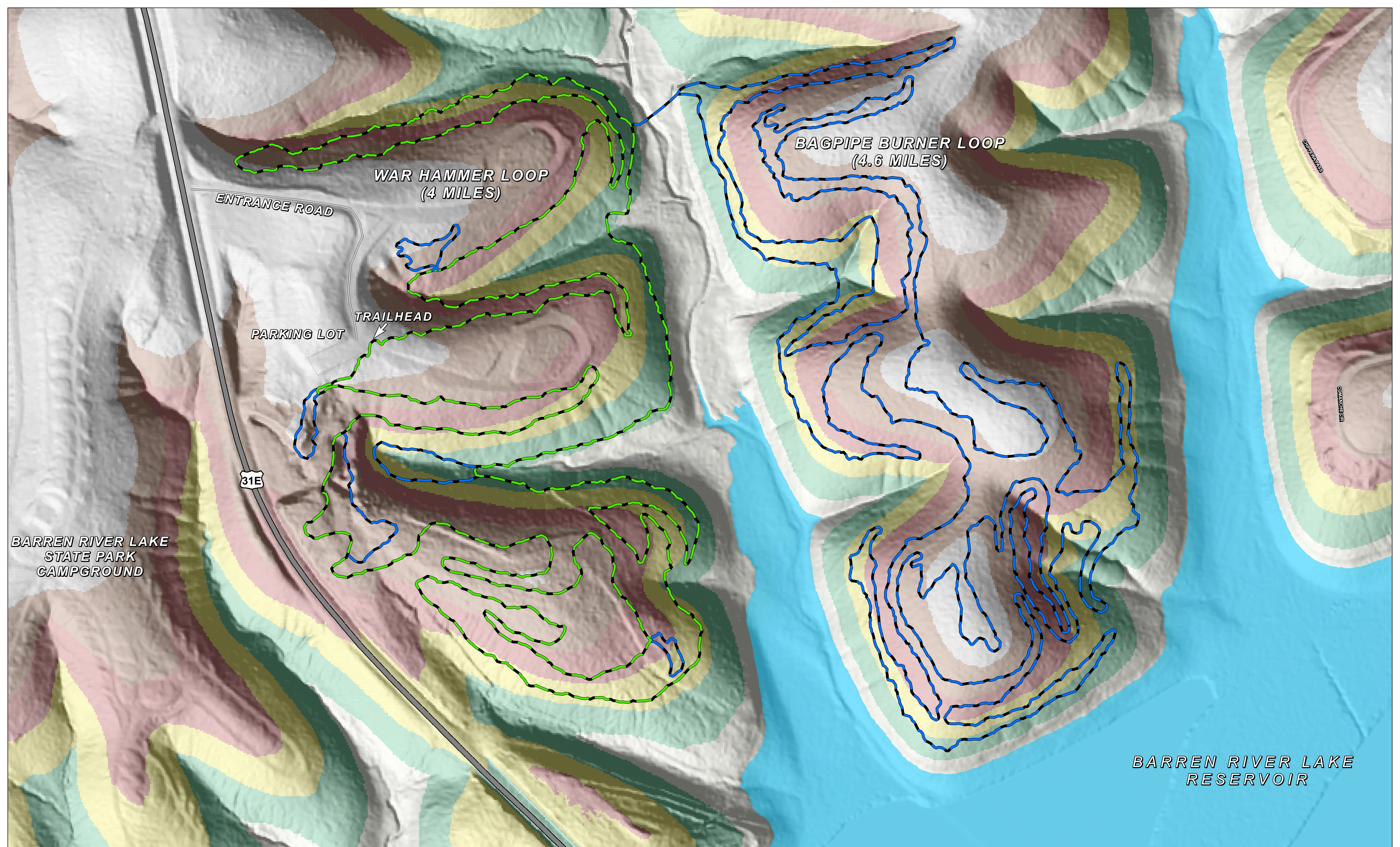
	Local Corps Office	Handshake Funds	SWKyMBA	Cave Country Trails	Glasgow Lions Club	Friends of Barren River Lake & Park
Salaries	\$10,000	N/A	\$0	\$0	\$0	\$0
Travel	\$0	N/A	\$0	\$0	\$0	\$0
Materials and Supplies	\$500	\$0	\$0	\$0	\$0	\$0
Equipment Use	\$1,000	\$0	\$0	\$0	\$0	\$0
Funds Contributed	N/A	N/A	\$20,000	\$0	\$0	\$1,500
Personal Property	N/A	N/A	\$0	\$0	\$0	\$0
Volunteer	N/A	N/A	\$48,960	\$1,088	\$816	\$0
In-Kind Services	N/A	N/A	\$0	\$0	\$0	\$0
Other (explain below)	\$0	\$25,000	\$0	\$0	\$0	\$0
Total	\$11,500	\$25,000	\$68,960	\$1,088	\$816	\$1,500
Share of Total Cost	10.6%	23.0%	63.3%	1.0%	0.7%	1.4%
	33.5%					

	Partner 11	Partner 12	Partner 13	Partner 14	Partner 15	Total
Salaries	\$0	\$0	\$0	\$0	\$0	\$10,000
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$500
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$1,000
Funds Contributed	\$0	\$0	\$0	\$0	\$0	\$21,500
Personal Property	\$0	\$0	\$0	\$0	\$0	\$0
Volunteer	\$0	\$0	\$0	\$0	\$0	\$50,864
In-Kind Services	\$0	\$0	\$0	\$0	\$0	\$0
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$25,000
Total	\$0	\$0	\$0	\$0	\$0	\$108,864
Share of Total Cost	0.0%	0.0%	0.0%	0.0%	0.0%	100%

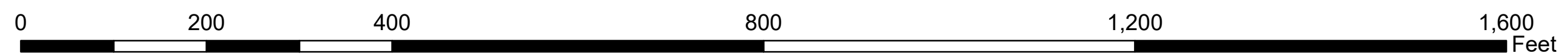
Explanations: Handshake Funds (Other) is for Professional Trail Building Services.

Highlander Trail Area – Barren River Lake, KY



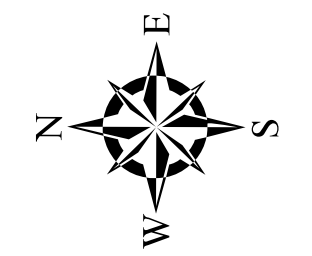


User Name: H2EDTDR



Highlander Trail

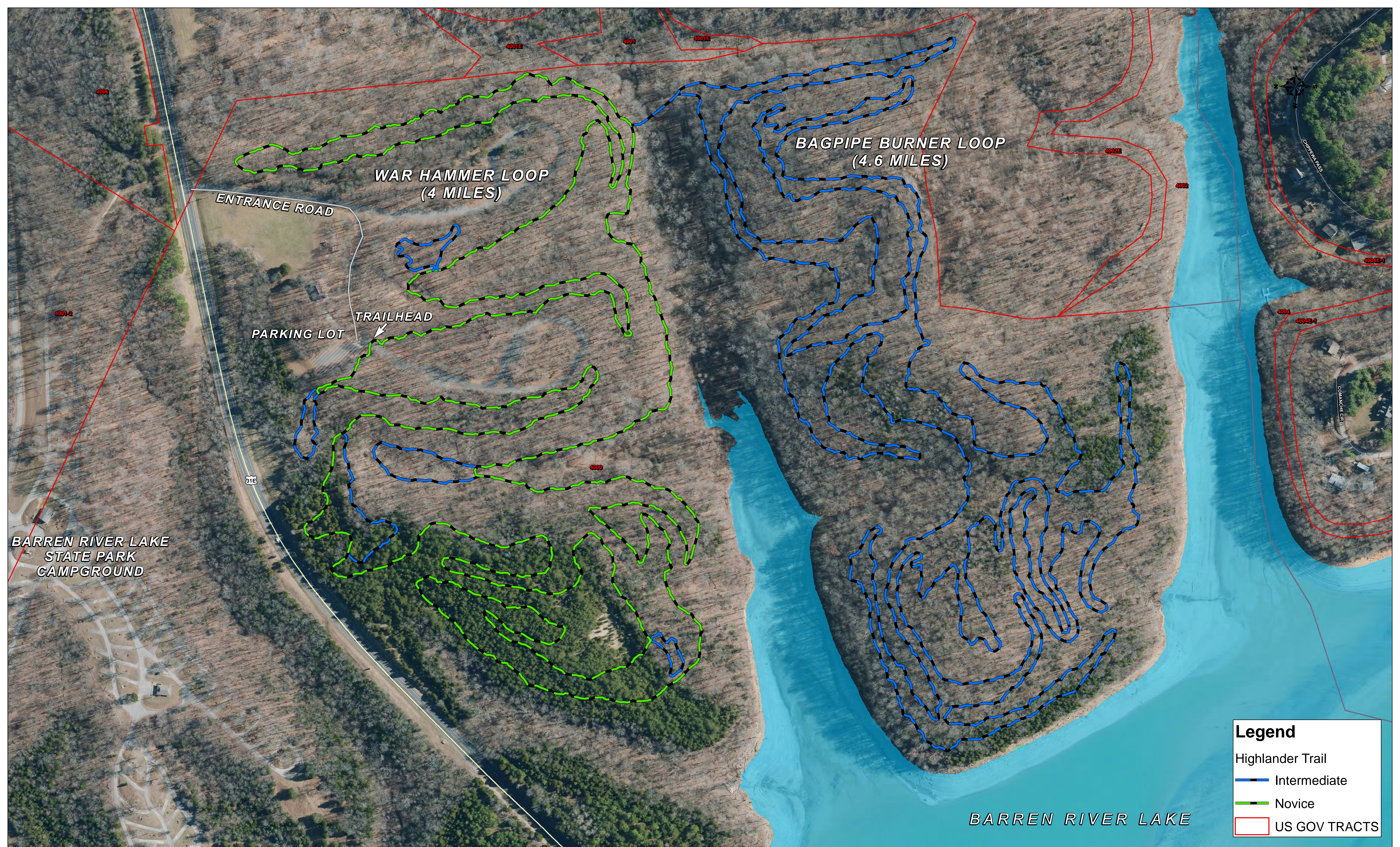
Barren River Lake - Glasgow, KY



Legend

- Highlander Trail
- Intermediate
- Novice

Date: 5/18/2020

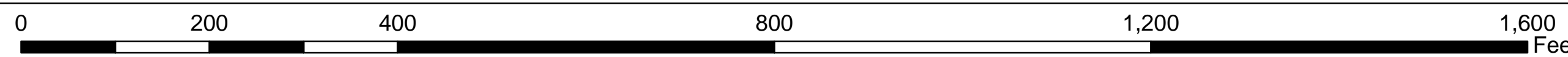


Legend

- Highlander Trail
- Intermediate
- - - Novice
- US GOV TRACTS

Highlander Trail

Barren River Lake - Glasgow, KY



User Name: H2EDTDR

Date: 3/14/2019

