

**U.S. Army Corps of Engineers
Fiscal Year 2023
Handshake Program Application**

Please review instructions before completing application!

Corps Lake/River Project Name: **Lake Shelbyville**
District / Division:**St. Louis**
Handshake Proposal Title: **Opossum Creek Archery Park**
Corps POC Name:**Cory Donnel**
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E-Mail: **cory.l.donnel@usace.army.mil**

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 2022 or review a 2021 Handshake webinar on the Gateway? **Yes** **No**
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B. Handshake Funding Request (maximum \$25,000): \$25,000.00

C. Corps Foundation Bonus Request: (maximum \$5,000): \$5,000.00

Separate bonus funding provided by the Corps Foundation for a selected Handshake Project. Please do not include bonus funds on your overall spreadsheet below. Provide an explanation of how the funds will be used in the Corps Foundation Bonus section.

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

This lake/river project has never received Handshake funding. (100pts)

This project will support diversity, equity, and inclusion goals to increase access to a quality recreation experience which includes a safe and healthful environment for a diverse population. At least one of the partner organizations in this project has diversity equity, and inclusion goals as part of their mission. Please describe how your project meets this objective in the Support Diversity, Equity and Inclusion Bonus section. (100 points).

This project will address a backlog maintenance issue identified in the budget process or FEM. Please describe specifically which back log maintenance item(s) will be solved. (100 pts)

E. 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:

Grant funding would support the development of an accessible archery park in the Opossum Creek Recreation Area. The Opossum Creek Archery Park will endeavor to serve as a valued recreational, educational, and stewardship resource, and support an outdoor heritage that is deeply engrained in the cultural fabric of the region. Backcountry Hunters & Anglers (BHA), Illinois S3DA Conservation Program and Lake Shelbyville Youth Ambassadors, are involved with the development of this project demonstrating strong interest in the project at a local level and beyond. This multiple purpose project is divided into two development phases. This 2023 Handshake Partnership package will fund Phase 1 of the project, and proposes the development of the following facilities: a 15 station 3-D archery trail with target distances ranging from 10 yards to 50 yards and an accessible four station archery practice range. Future development proposes the addition of an elevated shooting platform. Phase 2 of the archery park will be added through future collaborative and funding opportunities. The new Opossum Creek Archery Park facility will support and advance collaborative initiatives, fulfill customer demands, promote quality outdoor experiences for an array of user groups, and support the environmental and recreational missions of the Corps of Engineers.

Handshake Funding Cost Break Down:

Practice Range ADA Pathways

- Site Preparation & Concrete - \$11,574.68

Practice Range ADA Shooting Stations

- Site Preparation & Concrete - \$10,684.32

Practice Range Parking Lot Striping

- Corps' IDIQ Contract - \$500.00

Parking Lot and Archery Trail Signage

- Signs - \$800.00

Target Stations

- Concrete, Pipe & Padlocks - \$1,437.86

Total: \$24,996.86

O&M Impacts:

Due to the durable nature of its components and the minimal infrastructure required to operate the facility, the anticipated operative life span for the Opossum Creek Archery Park is 30 years. Because of the longevity of the project, multiple generations of archers will be able to enjoy the course to hone their archery skills, enjoy the outdoors as well as experience the benefits of exercise gained from walking the 3/4 of a mile trail system. With routine replacement of equipment, the lifespan of the archery park will be extended. This is an opportunity to maintain continued collaboration with involved partners and involve local youth in projects and activities at the project. Periodic maintenance will be accomplished through efforts of the Lake Shelbyville Youth Ambassadors, and through additional volunteer contributions. The value of contributed maintenance requirement over the 30 year lifespan of the project is \$75,000.00.

Partnership Value:

In addition to funds contributed by Lake Shelbyville, this innovative project will be accomplished in collaboration with 3 partners including: Backcountry Hunters & Anglers, Illinois S3DA Conservation Program and Lake Shelbyville Youth Ambassadors. Lake Shelbyville Youth Ambassadors include National Wild Turkey Federation,

Pheasants Forever, Lake Shelbyville Fish Habitat Alliance, General Dacey Trail, CIMBA, Lake Shelbyville Muskie Club, Illinois Natural History Survey, Illinois Department of Natural Resources, as well as Shelbyville, Okaw Valley, Central A&M, Sullivan, Beecher City, Windsor, Cowden and Stewardson-Strasburg schools. Backcountry Hunters & Anglers and Illinois S3DA Conservation Program seek to achieve their shared mission of creating outdoor recreational opportunities while maintaining responsible stewardship of public lands. Lake Shelbyville Youth Ambassadors started in 2022 as a way to get school-aged kids involved and engaged in projects and activities at Lake Shelbyville. The estimated project cost is \$86,100.00. Member organizations have pledged support in the form of in-kind and volunteer service valued at \$38,604.00. In-kind services for development include: construction of target standards, construction of 15 station archery trail, construction of covered shooting area at four station accessible archery range, development of site design, and amenity installation. Anticipated maintenance requirements provided by Lake Shelbyville Youth Ambassadors is valued at \$2,500.00 annually, contributing a maintenance value projected over the 30 year lifespan of the project of \$75,000.00. Total project value for facility over expected operational life is \$161,100.00. The involvement from BHA and Illinois S3DA Conservation Program in the development of the new Opossum Creek Archery Park shows an interest for an archery complex centrally located in Illinois. In addition, the project will involve local youth, through the Lake Shelbyville Youth Ambassadors, in all aspects of its development and maintenance. Exposing them to many different trades and mentoring opportunities helping to make the archery park a valued resource and part of the community.

Recreational Benefit:

The Opossum Creek Archery Park will directly support the recreational mission of the Corps of Engineers, by serving a diverse array of user groups that seek quality outdoor experiences. Access to outdoor archery shooting facilities are extremely rare in this region. In fact, a public facility does not exist in Central Illinois. The flexibility and shooting disciplines accommodated under the design of the Opossum Creek Archery Park will appeal to a broad range of visitors. The new facility will serve both experienced and amateur hunters preparing for the season; it will provide a facility for archery education clinics for youth and adults, organized adult and youth competitions; and it will add a barrier-free resource for visitors with mobility limitations. The design proposed under this project will provide a safe environment for new archers to build skills and for experienced archers to hone theirs. It is uncommon for a single recreational facility to accommodate the needs of multiple user groups. The construction of this facility will also provide the staff at Lake Shelbyville a new venue to communicate their message of safe and responsible use of natural resources and public land.

Environmental Stewardship Value:

The tenets of the Environmental Stewardship mission at Lake Shelbyville are the provision of quality outdoor experiences, the application of responsible stewardship activities, and the promotion of sound conservation principles. The Opossum Creek Archery Park will provide an appropriate platform to communicate the desired ethics of public land utilization, promote a shared value of the wise use of natural resource assets, and propagate an environment of safety in the pursuit of outdoor adventures.

Communication & Education Value:

The Opossum Creek Archery Park will augment Lake Shelbyville's mission of providing a venue for the collaboration of multiple responsible stewardship and recreational disciplines, and provide a natural and complementary educational asset. It is anticipated that the facility will be a desired resource for regional school organizations, organized youth groups, partnering wildlife management agencies and wildlife benefit organizations to convey the shared value of responsible and safe utilization of public resources. Furthermore, the inviting appeal of this facility to a user demographic ranging in age from youth to adults will further encourage people to re-engage with nature and provide the Corps of Engineers and partnering entities a natural and comfortable setting to communicate relevant educational concepts

Innovativeness:

The project will represent an achievement of collaboration and will result in a valued community resource. The provision of a facility that consolidates the desired disciplines of this recreational pursuit will yield a resource that will be well-received by outdoor enthusiasts in our region. Furthermore, the concept of federal and state land management agencies, wildlife benefit organizations, civic organizations, educational organizations, and private industry collaborating under a common purpose is innovative and merits much excitement. This project will be

one facility, but will serve many recreational, educational and environmental purposes. It will serve as a keystone of future initiatives, and the advancement of future collaborative endeavors.

Corps Foundation Bonus:

The Opossum Creek Archery Park project fully aligns with the Corps Foundation's mission of supporting USACE recreation and natural resources management programs and nurturing partnerships. This project would help forge strong partnerships with BHA and Illinois S3DA Conservation Program who both promote outdoor recreational opportunities while maintaining responsible stewardship of public lands. The project would also serve as a startup project for the advancement of the Lake Shelbyville Youth Ambassadors and efforts to engage local youth in projects and activities at Lake Shelbyville, i.e. constructing target stands and shelters. Cost breakdown below:

Corps Foundation Bonus Funding Cost Breakdown:

Practice Range Targets and Shelter Stands

- Bag Targets - \$520.00
- Shelter Stand Materials - lumber, plywood, bolts, screws, quikrete, metal roofing, wood sealer - \$4,480.00

Support Diversity, Equity and Inclusion Bonus:

All partners involved in the development of the Opossum Creek Archery Park has diversity, equity and inclusion goals as part of their mission. The archery park will be designed to accommodate all ages, skill levels and mobility levels of its users and serve as a venue for future recreational, educational, and environmental purposes for all.

Addresses Backlog Maintenance Issues Bonus:

Milling and paving road work is scheduled to take place inside Opossum Creek Recreation Area during FY23. The archery park project will provide a meaningful disposal area and method for reusing any milled materials that is in close proximity to the backlog maintenance road work scheduled to take place. Opossum Creek Roads and Parking FEM number B318-20170 and Opossum Creek Boat Ramp Parking FEM number B322-16465.

Conclusion:

The development of the new Opossum Creek Archery Park will sustain the Corps' stewardship and recreational missions, and will promote a collaborative environment that will stimulate further partnership opportunities with involved partners. Involvement by BHA, S3DA Conservation Program and Lake continues to yield numerous opportunities not being addressed by the current facilities located in Opossum Creek Recreation Area.

NOTE: To show foresight, commitment, and planning, it is REQUIRED to include maps/pictures/plans/specs as part of your overall package.

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	S3DA	BHA	Lake Shelbyville Youth Ambassadors	Partner 4
Salaries	\$12,500	N/A	\$0	\$0	\$0	\$0
Travel	\$0	N/A	\$0	\$0	\$0	\$0
Materials and Supplies	\$10,000	\$1,348	\$0	\$0	\$0	\$0
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	N/A	N/A	\$0	\$0	\$0	\$0
Personal Property	N/A	N/A	\$0	\$0	\$0	\$0
Volunteer	N/A	N/A	\$2,750	\$8,250	\$10,314	\$0
In-Kind Services	N/A	N/A	\$6,585	\$10,705	\$0	\$0
Other (explain below)	\$0	\$23,649	\$0	\$0	\$0	\$0
Total	\$22,500	\$24,996	\$9,335	\$18,955	\$10,314	\$0
Share of Total Cost	26.1%	29.0%	10.8%	22.0%	12.0%	0.0%
	55.2%					

	Partner 5	Partner 6	Partner 7	Partner 8	Partner 9	Partner 10
Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	\$0	\$0	\$0	\$0	\$0	\$0
Personal Property	\$0	\$0	\$0	\$0	\$0	\$0
Volunteer	\$0	\$0	\$0	\$0	\$0	\$0
In-Kind Services	\$0	\$0	\$0	\$0	\$0	\$0
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Share of Total Cost	0.0%	0.0%	0.0%	0.0%	0.0%	0

	Partner 11	Partner 12	Partner 13	Partner 14	Partner 15	Total
Salaries	\$0	\$0	\$0	\$0	\$0	\$12,500
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$11,348
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	\$0	\$0	\$0	\$0	\$0	\$0
Personal Property	\$0	\$0	\$0	\$0	\$0	\$0
Volunteer	\$0	\$0	\$0	\$0	\$0	\$21,314
In-Kind Services	\$0	\$0	\$0	\$0	\$0	\$17,290
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$23,649
Total	\$0	\$0	\$0	\$0	\$0	\$86,100
Share of Total Cost	0.0%	0.0%	0.0%	0.0%	0.0%	100%

Explanations: Handshake funds shall be utilized to fund:

- Indefinite Quantities (IDIQ) Contract to provide construction services (site preparation, parking lot striping & concrete)
- Signage for range area and parking lot.

Partner Contributions:

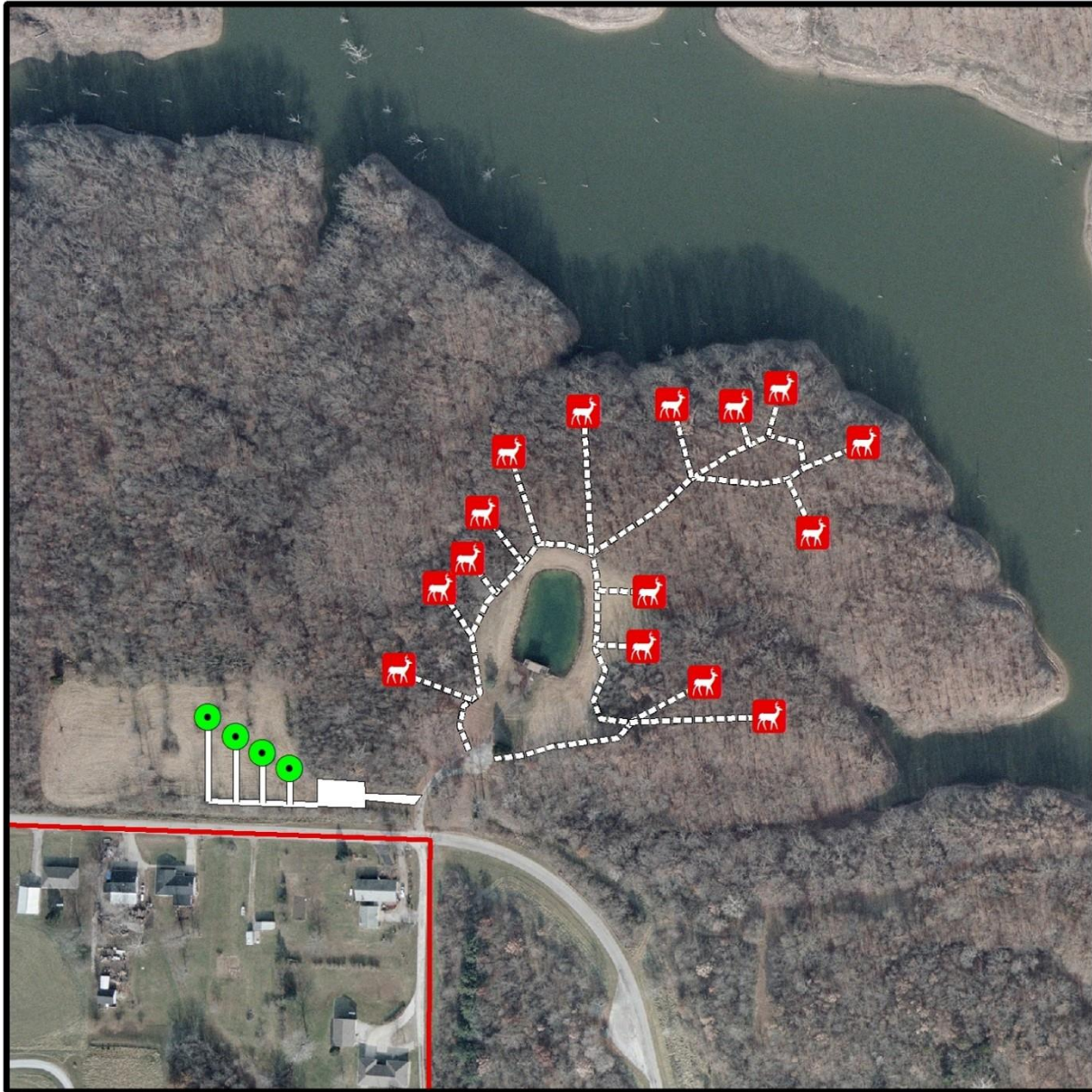
Backcountry Hunters and Anglers - Contribute resources and services to acquire targets and coordinate in-kind contributions. Provide volunteer labor for construction of the ranges.

S3DA Conservation Program - Contribute resources and services to provide final course design and provide volunteer labor for construction of the ranges.

Lake Shelbyville Youth Ambassadors - Provide students for field days to assist with range construction.



Note: Overall project development cost shall be \$86,100.00. Maintenance requirements provided by the Lake Shelbyville Youth Ambassadors valued at \$2,500.00 annually. Maintenance contribution value projected over the life of the project shall be \$75,000.00. Total project value for facility over expected operational life is \$161,100.00.

Opossum Creek Archery Park







Legend

Target

-  Practice Butt
-  3-D Animal Targets

Access

-  Accessible Shooting Lanes
-  Primitive Trail Access
-  Parking Lot
-  Project Boundary

