

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

Please review instructions before completing application!

Corps Lake/River Project Name: **Beach City Lake**

District / Division:**Huntington District (LRH) / Great Lakes and Ohio River Division (LRD)**

Handshake Proposal Title: **Beach City Lake Disc Golf Course**

Corps POC Name:**Hunter Simmons**

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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 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

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

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:

Beach City isn't a particularly well-known U.S. Army Corps of Engineers Lake but it's worth the visit! The project has 130 acres have been designated for recreational opportunities outlined in the MUR Master Plan and OMP. The area has numerous fields mixed with tracts of hardwoods, which would be an ideal location for a disc golf course. The lack of interest and effects of sedimentation on the lake has brought few recreational opportunities to this project over the last 20 years; However, we believe the course will attract a new user group to Beach City Lake while also providing a new recreational activity for the public. Disc golf is expanding rapidly in popularity all over the country and is one of the fastest-growing sports in the country. Due to the solid base of disc golfers in our area and with the support of our partners "Rural Action, MWCD, Ohio Bluebird Society, Canton Audubon Society, Design Experience company, Tuscarawas County Disc Golf, Stark County Disc Golf, Hammer Sports Relics, Brimstone Adventures, and Innova Disc Golf" wish to work with the USACE to implement an 18-hole disc golf course at Beach City Lake that will provide a superior disc golf course to the area and in return become a regional destination for disk golfers along with the opportunity for the public to engage in a new outdoor family activity along with added educational benefits for the surrounding communities.

Handshake Funding Cost Break Down:

Course Markings = \$1,800
Graphics = \$1,000
Prodigy T2 Professional Disc Golf Targets = \$7,500
Signs & Kiosk = \$1700
Tee Pads - Footing / Slabs = 12,000
Pollinator seed mix = 1,000
Total= \$25,000

O&M Impacts:

Disc Golf Design Experience (DGDE) has agreed to provide design services for a proposed 18-hole disc golf course to be developed at the Beach City Dam public area. The final project limits are to be determined by the U.S Army Corp of Engineers. It is DGDE's professional observation that a high-quality, disc golf course can be developed with minor clearing, alterations, and minimal maintenance concerns over the lifespan of the course. The heavy-duty baskets are durable with an estimated life-span of 25 years or more. The interpretive signs have a sustainability life of 20-25 years. This low-impact disc golf course will only impact operations in the beginning stages of the build due to the work that the USACE maintenance staff has agreed to complete for the installation. Once the course is completed all future maintenance issues will be mainly performed by our partners and volunteer staff along with assistance during the peak recreation season by Student Conservation Association interns. The course will start and end around the Beach City Lake day use area, which already has two maintained existing parking lots that will accommodate 100 vehicles. There will be 32 concrete trapezoid shape tee pads along the course. Our partners decided on concrete over rubberized tee pads because concrete prevails and is enduring. You pour it and you have a solid, durable, unchanging tee surface for years to come. With turf, or rubber, or wood...things wear, things erode, things rot and thus things need to be repaired more often. Three things are important for any good teeing surface...flat, level, grip...in that order and concrete is much simpler to maintain these elements for the public! The permeability of this surface will allow water to pass directly through, thereby reducing runoff and allowing groundwater recharge. Also, the teeing surface of the concrete will reduce

slipping hazards when wet, unlike rubberized tee pads. These pads will be flush with the ground for mowing and to eliminate physical space being taken up in the emergency spillway during flooding events. The area around the disc golf course but outside the playing area will be planted with pollinator fields which are specially designed seed mix from Ohio Prairie Nursery, that does not exceed 13 inches in height, to be planted in the emergency spillway. Implementing the pollinator field within the area reduces overall mowing maintenance. The analyses indicated conversion to pollinator habitat was appreciably less expensive (\$54 – \$167_ acre) than continued self-care (\$637–\$1,007_ acre) or contracted care (\$326 - \$1,034_ acre) of mowed areas over a 10-year period. The Partners and volunteers are committed to maintaining and inspecting the condition of the course for years to come.

Partnership Value:

Since last year's application, we have secured four more partners, which is a testament of the community support. These organizations, plus our original partners, have a proven history of working together to support recreational and environmental development in the surrounding communities, and their support will be essential to the project's success. The Disc Golf Design Experience (DGDE) has agreed to aid in the course design to meet the Professional Disc Golf Association standards. DGDE has also donated 80 hrs. of labor, run a non-sanctioned disc golf tournament, donate disks and offer a disc golf clinic at the grand opening. Rural Action is nestled in the foothills of Appalachian Ohio, Rural Action has agreed to donate towards materials and supplies, volunteer hours and in-kind service work to complete the course. The Muskingum Watershed Conservancy District (MWCD) has agreed to assist with the trail design, mapping, endorsing, and to promote the course throughout their campgrounds and social media pages. The MWCD lakes and facilities are estimated to attract some 5.5 million visitors to the area each year and have nearly 7k followers on social media. The MWCD has strong connections with the local community so partnering with an agency that can promote and publicize the Beach City Lake Disc Golf Course to this extent is a huge asset for the U.S Army Corps of Engineers. The Ohio Bluebird Society (OBS) provides information and encouragement for those wishing to engage in the conservation of bluebirds and other native cavity-nesting species. OBS has agreed to donate the materials, hardware, and supplies towards the installation of bird boxes along the project. OBS has also donated volunteer hours to install and maintain the boxes! The Canton Audubon Societies' mission is to promote the enjoyment, protection, and conservation of birds, wildlife, plants, and their habitat to maintain Earth's biodiversity. This chapter has agreed to donate the materials, hardware, and supplies towards the installation of bat boxes, osprey platforms, kestrel, and flicker bird boxes throughout the project. The Tuscarawas County Disc Golf Club (TCDGD) and the Stark County Disc Golf Club (SCDGD) has donated funds for several disc golf practice baskets and has agreed to assist in advertising for future events. The SCDGD has donated the volunteer hours needed to host a weekly tournament for the first year. Hammer Sports Relics, Brimstone Adventures, and Innova Disc Golf are outdoor stores that provide services and supplies to the local community. Combined they will assist in providing many volunteer hours, promotion and running a disc golf course league, and weekly scramble events, and donated prizes,

Recreational Benefit:

Introducing a disc golf course at Beach City Lake would provide a new and exciting recreational activity to our visitors and demographic groups. The city of Canton has one of the largest metropolitan areas in the state, which lies a mere 20 miles away from Beach City Lake. Beach City Lakes' demographic group is predominately low-income families looking for recreational opportunities outside of the city. Introducing a Disc Golf Course to this area would provide opportunities for these families to get outside, exercise, relax, and have a FREE local activity to participate in. The sport is simple to learn and can be enjoyed by newbies, professionals, families, school trips, etc. The course will utilize the twists and turns of traditional courses, as participants try to successfully maneuver through a stand of trees and other naturally occurring course challenges. A round of disc golf typically includes two miles of walking in between shots, which is not only good for keeping you active but also allows for some quiet, peaceful time to yourself. Other recreation opportunities will exist outside the disc golf course and would include bird watching, wildlife utilizing the pollinator fields or just a simple hike around the course area.

Environmental Stewardship Value:

Restoration and conservation improvements certainly fall within the ES realm of work. The partnership and improvements to the area will help reverse habitat loss and fragmentation by establishing and managing low-maintenance pollinator vegetation throughout the course. This course would offer opportunities for the intentional

planting of pollinator-friendly shrubs, trees, and perennial wildflowers. The removal of invasive shrubs and less frequent mowing of unused areas will also be a great low-budget option to improve the habitat while cutting long-term costs. These financial benefits complement existing literature, demonstrating multiple ecological benefits of diverse native perennial vegetation as well. This plan is meant to guide the remaining steps needed to establish the habitat. Converting pollinators on disc golf courses would offer additional opportunities, such as getting the public involved in Citizen Science programs like Bio Blitzes and Crowdsourcing projects. If we can demonstrate the value of disc golf to pollinator conservation, there's even the opportunity to form further partnerships between disc golf organizations and other conservation groups in the future.

Communication & Education Value:

This project will provide the public with multiple interpretive opportunities. A Bilingual welcome kiosk will display a course map, rules & scorecards for public use. Various kiosks will include the history of USACE, as well as the construction of Beach City Dam and the role it has in flood reduction management in the Muskingum River Basin. Bilingual Interpretation signs will be installed throughout the course with information regarding dendrology, water safety, invasive plant species, native plants, animals, and many other cultural and natural resource aspects of Ohio. Signage and Disc Golf Supplies will be the main source of promoting the Corps water safety mission "Please Wear It" and "Life Jackets Worn... Nobody Mourns." Visitation from school groups, 4H camps, Boy Scouts, and other organizations will increase, which would offer opportunities for public relations through outreach and educational programs. All of this will relate to the mission of creating a quality outdoor recreational experience to conserve and manage cultural and natural resources for years to come.

Innovativeness:

Beach City Lake is a key location for recurrent innovativeness. The Beach City Lake Disc Golf Course would be one of the few recreational opportunities available for this project. The goal is to use this project as a forerunner for additional community involved partnerships in the future to combine our resources and accomplish other recreational opportunities, such as hiking & biking trails, primitive camping area, ADA fishing ramps, observation towers, beehives, and much more. Combining our recreation and environmental mission in one area will allow the area to be utilized for both a outdoor recreation as well as a educational learning atmosphere. A few other courses are located regionally but the Beach City Lake Disc Golf Course will be the only PDGA-certified course in the area, making it a unique and sought-after location.

Corps Foundation Bonus:

The additional items for the Foundation Bonus include two 8' recycled picnic tables (\$2,000), one ULINE Dog Waste System (\$1000), and five recycled plastic receptacles (\$2000). These products will allow the public to have an immensely more enjoyable experience by providing seating and reducing sanitation issues along the course.

Support Diversity, Equity and Inclusion Bonus:

This project will abide by and follow all the PDGA mission. Our mission is to recruit and retain under-represented populations within the PDGA community, as well as to encourage positive social change. With the help of Rural Actions new social enterprise designed to teach residents and tourists about the rich history and diversity of Appalachian Ohio, we will ultimately cultivate a more diverse visitation to Beach City Lake!

Addresses Backlog Maintenance Issues Bonus:

Backlog Maintenance Issues are not addressed with this project.

Conclusion:

The Handshakefunds have never been awarded to the Upper Tuscarawas and our area is in desperate need of improvement. The Corps staff is prepared to utilize this seed money to bring our community together to accomplish a common goal. With limited recreational funding available we need the Handshake funds to make it possible to improve our recreational areas for the advancement of conservation, management, education, and future enjoyment of this USACE project.

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:

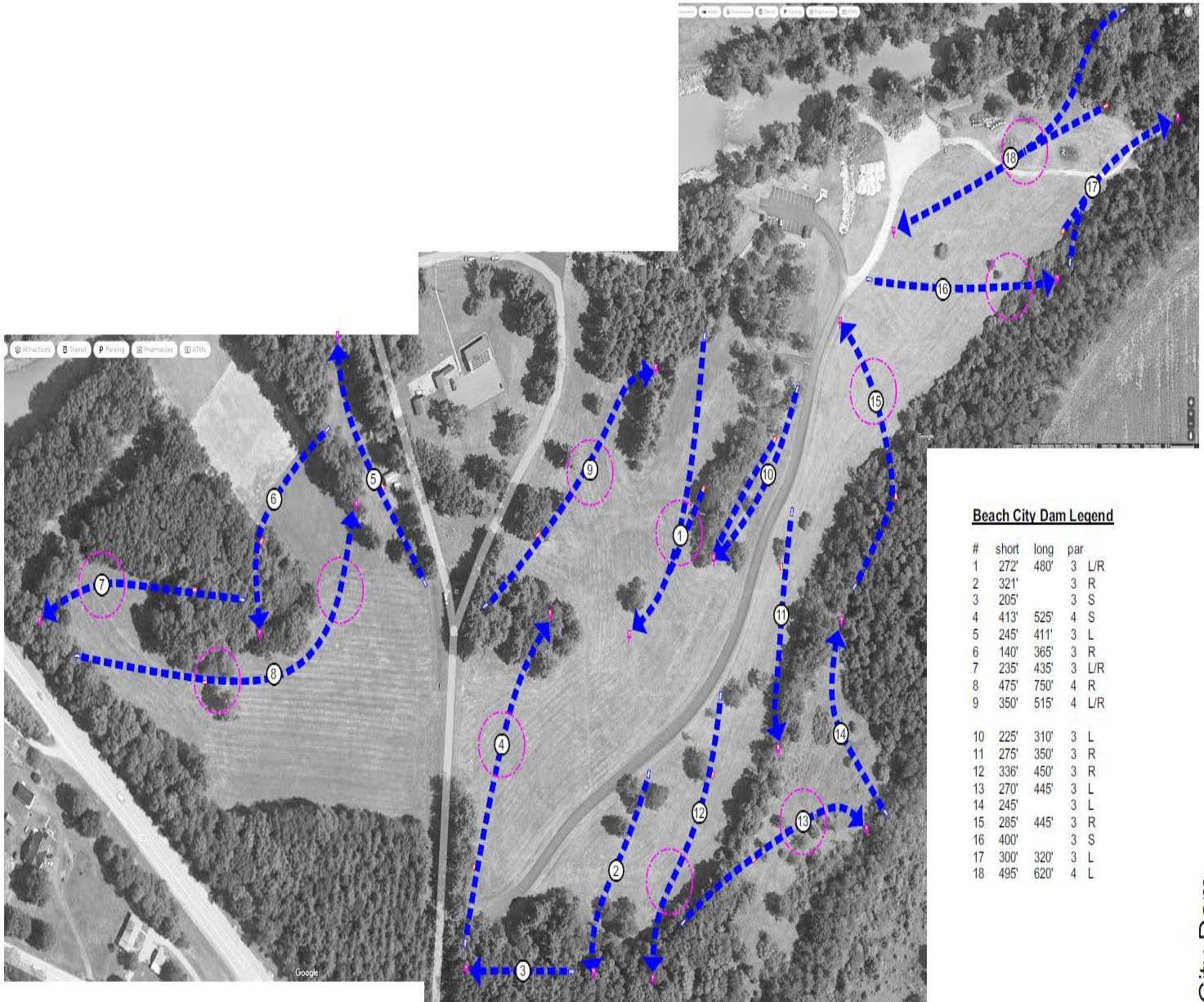
	Local Corps Office	Handshake Funds	Rural Action Inc	Disc Golf Design Experience	Ohio Bluebird Society	Brimstone Adventures
Salaries	\$5,000	N/A	\$0	\$0	\$0	\$0
Travel	\$0	N/A	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$25,000	\$6,700	\$300	\$1,500	\$300
Equipment Use	\$2,000	\$0	\$0	\$0	\$0	\$0
Funds Contributed	N/A	N/A	\$0	\$0	\$0	\$0
Personal Property	N/A	N/A	\$0	\$0	\$0	\$0
Volunteer	N/A	N/A	\$1,500	\$2,300	\$500	\$1,500
In-Kind Services	N/A	N/A	\$1,800	\$3,000	\$0	\$0
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$7,000	\$25,000	\$10,000	\$5,600	\$2,000	\$1,800
Share of Total Cost	11.9%	42.5%	17.0%	9.5%	3.4%	3.1%
	54.4%					

	Stark County Disc Golf Club	Hammer Sports Relics	Canton Audubon Society	Innova Disc Golf	Muskingum Watershed Conservancy District	Tuscarawas County Disc Golf Club
Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$1,000	\$500	\$0	\$400
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	\$1,500	\$1,500	\$0	\$0	\$0	\$0
In-Kind Services	\$0	\$0	\$0	\$0	\$2,500	\$0
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,500	\$1,500	\$1,000	\$500	\$2,500	\$400
Share of Total Cost	2.6%	2.6%	1.7%	0.9%	4.3%	0.07%

	Partner 11	Partner 12	Partner 13	Partner 14	Partner 15	Total
Salaries	\$0	\$0	\$0	\$0	\$0	\$5,000
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$35,700
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$2,000
Funds Contributed	\$0	\$0	\$0	\$0	\$0	\$0
Personal Property	\$0	\$0	\$0	\$0	\$0	\$0
Volunteer	\$0	\$0	\$0	\$0	\$0	\$8,800
In-Kind Services	\$0	\$0	\$0	\$0	\$0	\$7,300
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$58,800
Share of Total Cost	0.0%	0.0%	0.0%	0.0%	0.0%	100%

Explanations:

Proposed Disc Golf Course Design – Beach City Lake



Beach City Dam Legend

#	short	long	par
1	272'	480'	3 L/R
2	321'		3 R
3	205'		3 S
4	413'	525'	4 S
5	245'	411'	3 L
6	140'	365'	3 R
7	235'	435'	3 L/R
8	475'	750'	4 R
9	350'	515'	4 L/R
10	225'	310'	3 L
11	275'	350'	3 R
12	336'	450'	3 R
13	270'	445'	3 L
14	245'		3 L
15	285'	445'	3 R
16	400'		3 S
17	300'	320'	3 L
18	495'	620'	4 L

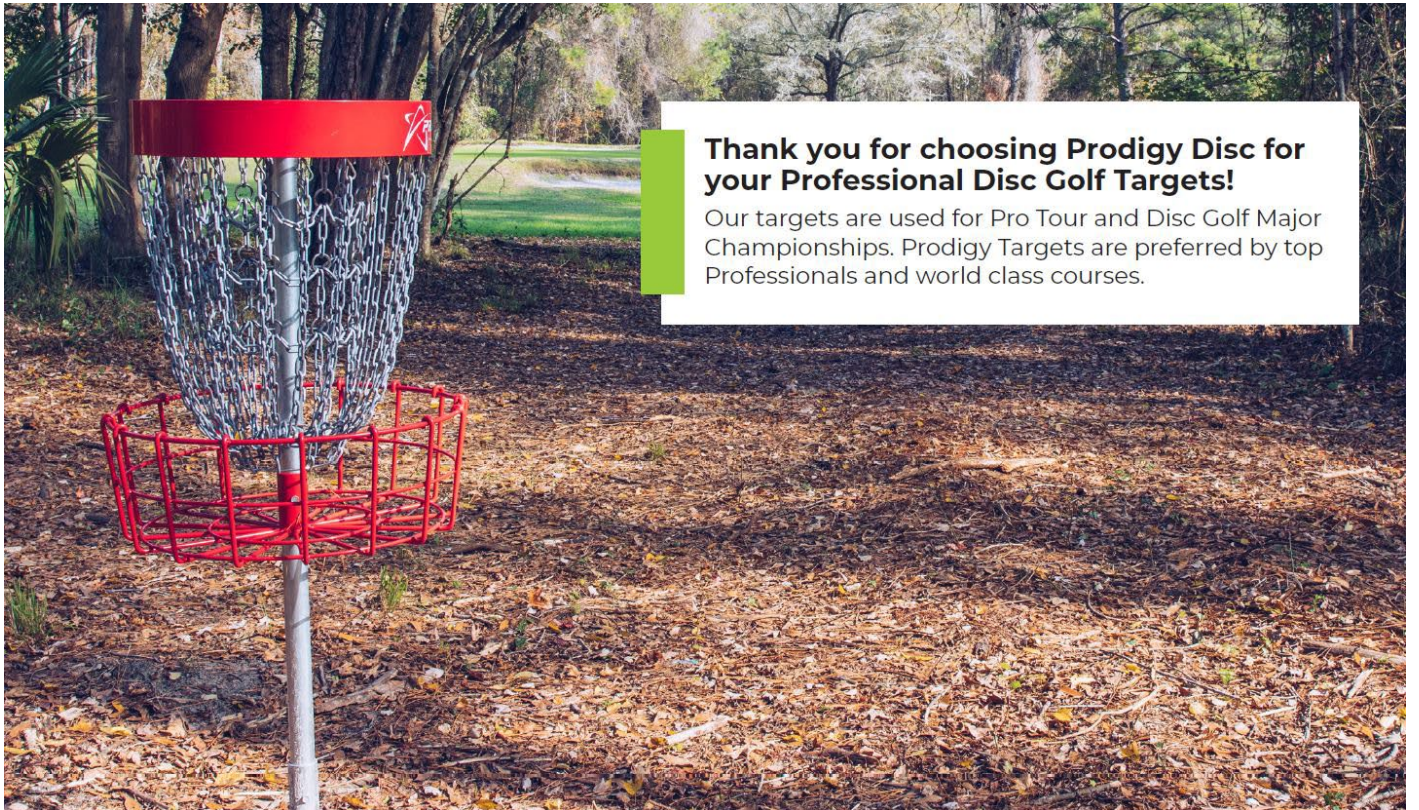
COURSE MAP - SCHEME 2

15 JULY 2021

Ground photos throughout the proposed course – Beach City Lake



Prodigy disc golf baskets and concrete tee pad examples



Public Hunting & Fishing
1,912 Acres

Division of Wildlife
Ohio Department of Natural Resources
BEACH CITY WILDLIFE AREA
Tuscarawas County

Publication 200
(R908)

