

2022 Technology Fee Full Proposal

Title:

Lake Wauburg South Shore WIFI/Wall Plate Network and extending North Shore Connectivity Proposal

Proposer:

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Sponsoring Organization:

Department of Recreational Sports
Division of Student Life

Purpose and Specific Objectives: Impact/Benefit:

The project promotes an exceptional academic environment through the innovative use of technology.

- Over the years, UF has expanded WIFI capabilities across campus – from academic buildings to athletic facilities to student support facilities. Lake Wauburg remains one of the few campus areas with no or very limited WIFI coverage.
- By adding and extending WIFI capability at Lake Wauburg South and North Shores, the project would support student success and the mission of the University and the Division of Student Life by providing an excellent student and academic experience in a natural setting that inspires intellectual growth, engagement, and holistic wellbeing. Offering a connection to nature, the project would provide a unique platform for students to foster a sense of belonging, build community, and reduce stress while maintaining connectivity. This connection to nature is shown to increase attentional capacity, positive emotions, and the ability to reflect on life problems.
- The user groups of students, student organizations, UF departments and academic units would only increase the opportunity for student success and shape positive experiences with their faculty, advisors, fellow students, co-workers, and supervisors. The connectivity would allow for increased engagement.
- Adding WIFI will enhance and broaden our ability to serve students, the UF Community and academic Units and enhance their success.

- Multiple times a week the staff at Lake Wauburg are asked if there is WIFI at Shore and at some location at North Shore, unfortunately we have to say no. Many of those students visit both shores to study or meet with groups especially as we are in a hybrid of class offerings (in-person and virtual); a lack of WIFI can be a barrier for participation.
- WIFI connectivity is something our students expect to have throughout all UF spaces, and Lake Wauburg is UF space.
- Heightened risk response and customer service using WIFI-enabled technology solutions will enhance the student experience.

The project outlined improves student learning experiences. The project improves the capacity to create innovative and high-quality learning environments.

- WIFI would enhance an atmosphere of community, engagement, education, retreat, and reflection unique to this site. The vision for WIFI at LW South Shore and extending the service at North Shore is:
 - Educational Workshops/Conferences
 - Formal and informal academic events, meetings, and retreats
 - Team building, conflict management, communication skills, and creative problem solving, through the outdoor recreation environment and spaces
 - Make spaces more inclusive for all park users

The project is innovative in delivering a new service, resource, implementing a concept or delivery method and not an upgrade of existing services or facilities.

- The proposal is to extend the existing wall plate network to the facilities located at the University of Florida Lake Wauburg South Shore site. A wireless bridge will be installed that connects to the existing network serving the North Shore facility. This proposal provides coverage for the following buildings:
 - Building 1405: Wauburg South Disc Golf Storage (wireless bridge location)
 - Building 0314: Wauburg South Comfort Station (Telecom Room location)
 - Building 0313: Wauburg South Gatehouse
 - Building 1401: Wauburg South Pavilion 1
 - Building 1402: Wauburg South Pavilion 2
 - Building 1407: Wauburg South Climbing Storage
- Additionally, the proposal is to extend the existing coverage to reach all the facilities located at the University of Florida Lake Wauburg North Shore site specifically toward the northeast section of the park. This proposal provides coverage for the following buildings:
 - Building 1145: Wauburg North Bathhouse
 - Building 0122: Wauburg North Pavilion
 - Building 0144: Wauburg North Cypress Lodge

This project would meet ADA requirements and comply with the UF Electronic and Information Technology Accessibility Policy.

“There is no better facility at UF or in the Gainesville area for getting undergraduates together in fellowship and learning. Its location makes it an ideal place for retreats, allowing us to isolate from the hustle and bustle of campus to plan and team-build productively.” From Regan Garner, Associate Director for the University Honors Programs regarding her and her students’ experiences at Lake Wauburg.

Sustainability:

Recreational Sports would acquire recurring resources.

Timeline:

Minimal lead time for equipment is 120 to 180 days in addition to the estimated installation time for this project of 120 days per CNS/UFIT.

Budget:

An updated estimate was received on March 31, 2022, from Complete Networks Systems and UFIT for the Lake Wauburg South and North Shore WIFI project. See below for quoted budget:

South Shore WIFI:

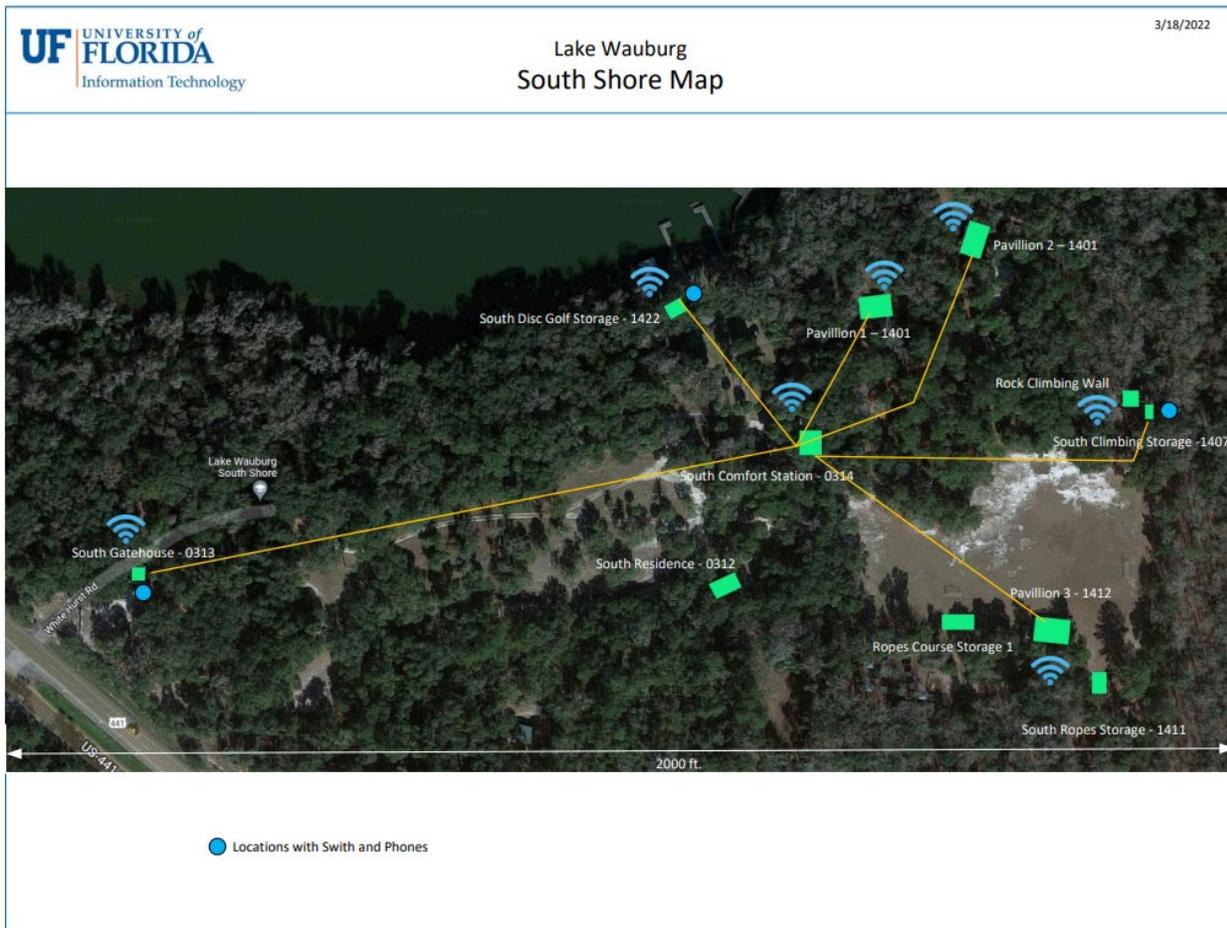
Network Electronics =	\$ 26,897
Fiber, Cabling, OSP and Telecom Room Installation =	\$ 122,611
Telecom Room A/C Unit Installation =	\$ 6,150
South Shore Project Budget =	\$ 155,658

North Shore WIFI:

Network Electronics =	\$ 10,994
Fiber, Cabling, OSP and Telecom Room Installation =	\$ 20,721
North Shore Project Budget =	\$ 31,715

Total Project Budget =	\$ 187,373
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Scope of Work:



Lake Wauburg North Shore Map

