



AGENDA
ESTERO BAY AGENCY ON BAY MANAGEMENT

Monday, March 8, 2021 – 9:30 a.m.
SWFRPC
Virtual GoToMeeting

1. Call to Order
2. Attendance
3. Approval of Minutes from February 8, 2021 (requires a quorum)
4. [Kiker Preserve](#)
5. FFD Draft Letter
6. Education Subcommittee
7. Orientation Material for new EBABM members
8. Next Cela Tega
9. Old Business
10. New Business
11. Emerging Issues
12. Announcements
13. Public Comments on Items Not on the Agenda
14. Set Date for Next EBABM
15. Adjournment

DETAILED SPECIFICATIONS

1. GENERAL SCOPE OF WORK

- 1.1. Lee County Board of County Commissioners seeks to contract for professional consulting services to provide planning, design, and permitting required to develop access to the Larry Kiker Preserve while incorporating water management features for regional flood protection, water conservation, water quality and wetland enhancement.

2. DETAILED/TECHNICAL SPECIFICATIONS

- 2.1. In 2017, the Larry Kiker Preserve (formerly Edison Farms) was the second largest land purchase in the history of Lee County's Conservation 20/20 program. It is 3,921.93 acres and is adjacent to the 428.45-acre Hidden Cypress Preserve. For the purposes of this solicitation, the project area shall include both Larry Kiker Preserve and Hidden Cypress Preserve for a total area of 4,350.38 acres. Currently, Larry Kiker Preserve does not have public access. The CONSULTANT shall assist in designing the COUNTY's largest amount of passive recreational components on a preserve while using the U.S. National Park System as a model. The planning and design shall include interior looped vehicular roadways, fishing piers, interpretive center, campground, restrooms, parking lots, pavilions/shade structures, site amenities (e.g. benches, bike racks, kiosks, picnic tables, etc.), signage (e.g. directional, educational, regulatory, etc.) and a multi-use trail network consisting of improved/unimproved trails and boardwalks. The roadway shall be accessed through a grand entrance and shall serve future patrons that want to drive, bike, or walk to the various recreational components located off of the loop. Please see the proposed conceptual plan for potential approximate quantities, locations, and configurations of these recreational amenities.
 - 2.1.1. Components shall be harmonious with preserve resources, compatible with natural processes, aesthetically pleasing, functional, energy-efficient, water-efficient, cost-effective, universally designed, and as welcoming as possible to all segments of the population.
 - 2.1.1.1. Components shall either be constructed above design flood levels or designed to minimize potential flood damages.
 - 2.1.2. The CONSULTANT shall identify all applicable permitting requirements (local, State, Federal) for the proposed development and shall obtain such permits.
 - 2.1.3. Deliverables shall include all contract documents, drawings, renderings, models, etc. as required to secure all applicable permits, attain local approvals, and ultimately initiate the construction portion(s) of the project.
 - 2.1.4. The CONSULTANT shall attend pre-bid meeting(s), review and provide answers to potential bidder questions, provide addenda assistance, and other services related to initiating the construction portion(s) of the project.
 - 2.1.5. The CONSULTANT shall gather public input through public meetings, surveys, interviews, and/or other means, as determined by the COUNTY, in order to help inform the preserve's design.
 - 2.1.6. Construction Engineering Inspection (CEI) services are NOT included in this solicitation and its associated Agreement.
- 2.2. The road network, trails, and other passive recreation components shall be designed to include water control structures that shall serve in alleviating down-stream flooding during severe storm events. The control structures shall be managed with the intent to only hold water after a severe storm event for a brief period of time until the water can safely return under Interstate 75 to its natural flow ways. During such times, the Preserve shall remain open with the majority of the components above the water line allowing for uninterrupted public usage.

2.2.1. ICPR4 shall be used for the Hydrologic and Hydraulic (H&H) analysis to assist in the design of the water control structure capacities and operations, as well as to document downstream impacts and effectiveness of the proposed flood mitigation system. The proposed flood mitigation system shall also be evaluated for its potential effects on the preserve's habitats and natural systems.

2.3. During the design process, the CONSULTANT shall identify areas of the preserve that could provide mitigation opportunities (wetland or species). These areas may contain suitable habitats for mitigation of future COUNTY Capital Improvement Projects. Should the CONSULTANT identify such areas, the COUNTY may conduct a further analysis and provide recommendations related to mitigation potential and needs.

2.4. During the design process, the CONSULTANT shall identify opportunities to improve surface water quality. Should the CONSULTANT identify such opportunities, the COUNTY may conduct a further analysis and provide recommendations related to water quality improvement potential and needs.

2.5. The CONSULTANT shall produce a Land Management Plan (LMP) for the preserve towards the end of the design. This shall allow for a seamless transition of design and permitting into construction and then management of the preserve.

2.5.1. The LMP shall include:

1. Cover Page
2. Location and Site Description
3. Recreational activities and structures
4. Permitted Uses within the Preserve
5. Natural Resources Description/Existing Conditions
6. Improvements to the Preserve (exotic species removal or habitat restoration)
7. Potential Projects within the Preserve (restoration, flood mitigation, water quality improvements, etc.)
8. Factors Influencing Management
9. Management and Maintenance Plan
10. Projected Timeline for Implementation
11. Literature Cited
12. Appendices

3. PUBLIC GOAL

3.1. The goal of this project is to have patrons visit and remember not only the preserve itself, but the following principles:

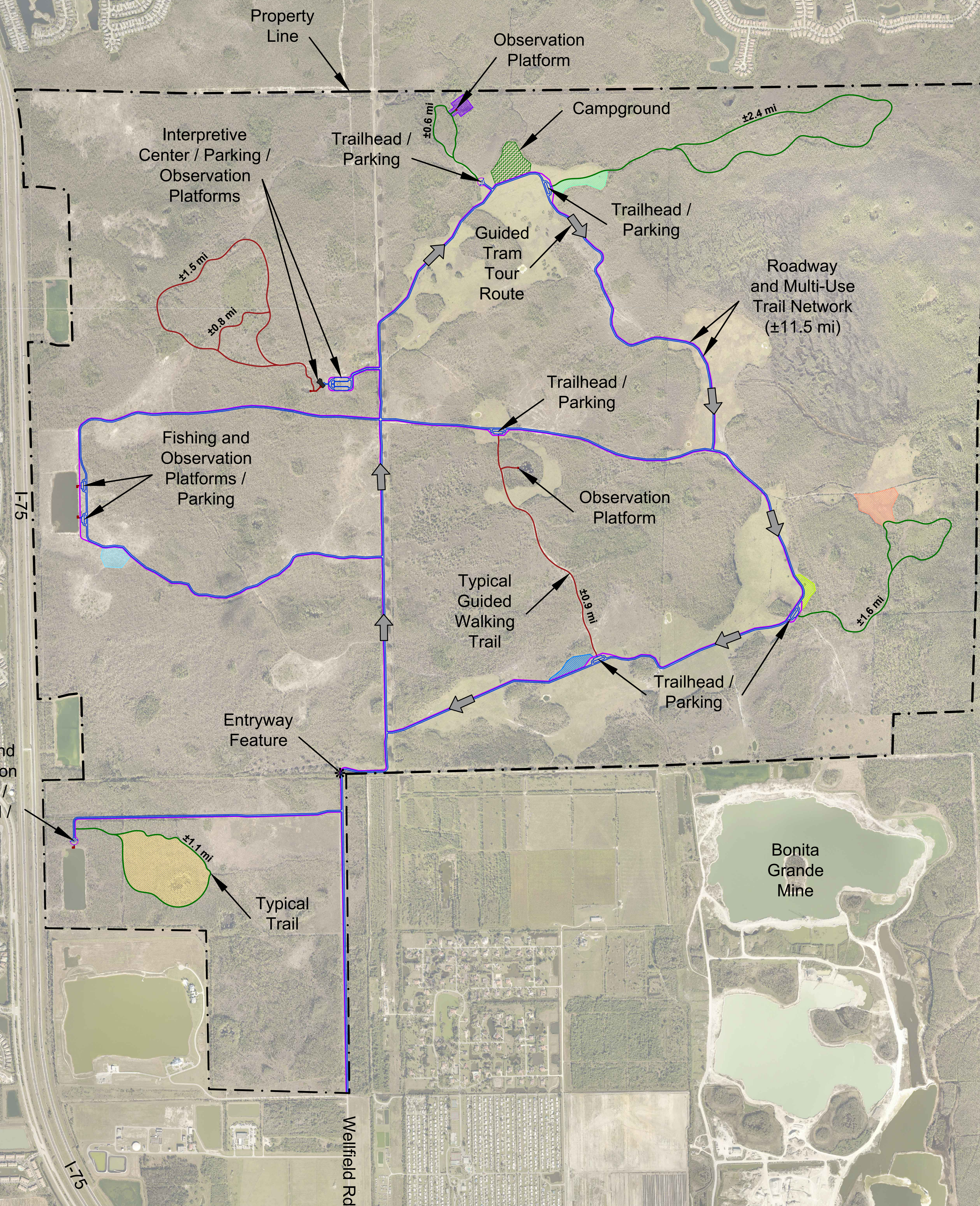
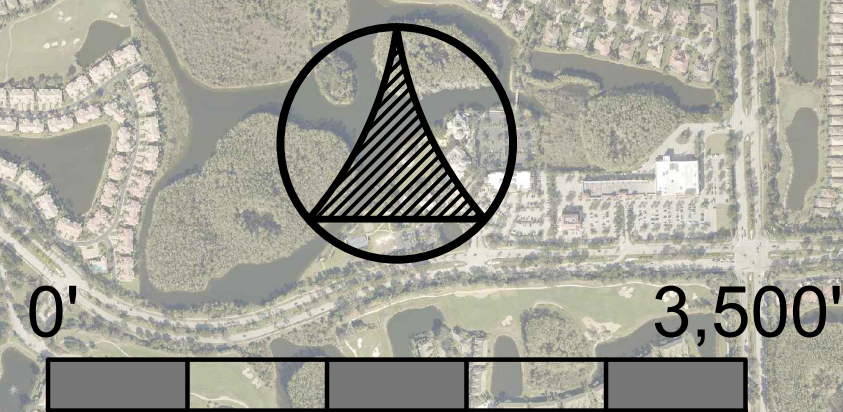
- Restoration: A balanced approach to confirming newly acquired conservation land that meets the needs of the community and natural ecosystems through various maintenance activities including, but not limited to: prescribed burns, exotic species control, native species re-plantings, and water flow/quality control projects.
- Mitigation: Protecting people, infrastructure, and ecological communities by improving flood control and/or the restoration, enhancement, or preservation of valued ecosystems.
- Recreation: Creating nearby and accessible passive recreational opportunities on conservation lands for the health and well-being of the COUNTY's residents and visitors by increasing public access and improving maintenance operations on conservation land.
- Education: Providing information and programs for visitors of all ages and abilities that give insight in to the wildlife, natural habitats, flood mitigation, and COUNTY operations on conservation lands and the connections between them and the rest of Southwest Florida.

4. ATTACHMENTS

4.1. Recreational Amenities At Larry Kiker Preserve – Conceptual Plan

Recreational Amenities at Larry Kiker Preserve

-Conceptual Plan-



Educational Areas / Elements

- Alligator Interpretive
- Flood Mitigation Demo
- Invasive Exotic Plant Control Demo
- Panther Interpretive
- Thunderstorm Interpretive
- Wetland Walk
- Wood Stork Mitigation
- Interpretive Center
- Guided Tram Tour Route
- Guided Walking Trail

*Additionally, the preserve will contain a number of wildlife cameras that capture and transmit photos and videos to the interpretive center.