

Half Circle L Ranch

Critical Natural Lands

Collier and Hendry Counties

<i>Year Added to Priority List</i>	2003
<i>Project Acres</i>	11,182
<i>Acquired Acres</i>	0
<i>Cost of Acquired Acres</i>	\$0
<i>Remaining Project Acres</i>	11,182
<i>2023 Assessed Value of Remaining Acres</i>	\$46,439,692

Purpose for State Acquisition

The Half Circle L Ranch project will protect primary habitat zones for both the Florida panther and the Florida Black bear. The project will complement the ongoing conservation efforts in this region of the state for imperiled species, restore the habitat and hydrology of disturbed areas and provide public recreation compatible with resource protection.

General Description

Half Circle L Ranch adjoins the southern boundary of the Devil's Garden Florida Forever project, the southwestern boundary of the Dinner Island Wildlife Management Area, and the southeastern boundary of Okaloacoochee Slough State Forest and Okaloacoochee Slough Wildlife Management Area in Collier and Hendry counties. The dominant communities on the property are basin and depression marshes, wet prairies, hydric and mesic hammocks, and wet and mesic flatwoods. Almost half of the project has been converted to improved pasture, row crops and citrus.

According to the Florida Natural Areas Inventory, the project area is home to several rare species. More than 60 percent of the lands within the Half Circle L Ranch project proposal are designated as Strategic Habitat Conservation Areas. A majority of the site is classified as a Primary Zone for the Florida panther and Florida black bear. The remainder of the site is identified as a Secondary Zone for panther habitat (buffer areas for dispersing cats or areas that could be converted to Primary Zone status with restoration) by the Panther Subgroup of the Multispecies/Ecosystem Recovery Implementation Team. Radio telemetry studies have confirmed panther use of the site.



FNAI Element Occurrence Summary

<u>FNAI Elements</u>	<u>Score</u>
Florida panther	G5T1/S1
Florida black bear	G5T4/S4
Florida sandhill crane	G5T2/S2
<i>narrow-leaved strap fern</i>	G4G5/S1
Florida burrowing owl	G4T3/S3
Crested caracara	G5/S2
<i>hand fern</i>	G4/S3
White ibis	G5/S4

Public Use

Due to its extensive wetlands, the project is limited in its ability to provide recreational opportunities. Hiking and horseback trails would be traversable in limited dry season conditions. In upland sites, the project can potentially accommodate camping, picnicking, wildlife observation and environmental education. Depending on management emphasis, hunting can also be supported.

Acquisition Planning

2002

The project consists of 11,182 acres, multiple parcels and two owners. The 2002 tax assessed/taxable value was \$2,811,833.

2003

On June 6, 2003, the Acquisition and Restoration Council added the project to the A List of Florida Forever projects.

2004

In 2004, the Acquisition and Restoration Council moved the project to the B List of Florida Forever projects.

2011

On December 9, 2011, the Acquisition and Restoration Council placed the project in the Critical Natural Lands category.

Coordination

The project is adjacent to Okaloacoochee Slough State Forest and Dinner Island Wildlife Management Area. The Panther Glades Florida Forever project and Devil’s Garden Florida Forever project are also adjacent to the site.

Management Policy Statement

The primary land management goal for the project is to restore, maintain and protect native ecosystems in perpetuity; to integrate compatible human use; and to ensure long-term viability of rare species populations. An ecosystem approach will guide the management activities on the project.

Manager(s)

The Florida Fish and Wildlife Conservation Commission is the designated lead manager for the project.





Management Prospectus

Qualifications for State Designation

The project's size and diversity make it desirable for use and management as part of Okaloacoochee Slough State Forest or Dinner Island Wildlife Management Area. Management is contingent upon the state obtaining legal public access to the site and acquiring fee simple title to the property. Major communities represented on the project include swale, slough, basin marsh, depression marsh, wet prairie, strand swamp, dome swamp, hammock, mesic and wet flatwoods. These community types are consistent with the adjacent state forest and wildlife management area.

Conditions Affecting Intensity of Management

Much of the project's drier natural community types have been disturbed; many have been converted to some improved form of agriculture. This conversion usually means some type of hydrologic alteration has occurred. The property contains vast areas of wetlands with sensitive natural resources; accordingly, land management and public use will be structured to improve and protect these areas. The level of management intensity and related management costs is expected to initially be high to obtain the necessary information and resources to restore and manage this system as a part of Okaloacoochee State Forest or Dinner Island Wildlife Management Area.

Once this information is obtained and the resources are available, long-term management costs are expected to be moderate. The Florida Fish and Wildlife Conservation Commission reports that wildlife habitat values and habitat restoration on the semi-improved pasture and native range areas could be improved and potentially restored by removing cattle grazing and utilizing prescribed fire.

Management Implementation, Public Access, Site Security and Protection of Infrastructure

Restoration of the natural communities on the project will be a priority. Initial or intermediate management efforts will concentrate on resource inventory, restoration planning, fire management and planning, site security, public access and removal of exotic species. An inventory of the site's natural resources and threatened and endangered flora and fauna will be conducted to provide the basis for formulation of management goals. Restoration efforts will focus on water flow alterations, ditching, agriculture improvements to the land and perpetuating natural communities that have historically been changed. Steps will be taken to ensure that the public is provided appropriate access while also affording protection of sensitive resources. Public use will be limited to activities that will have little or no impact on these areas. Long-range goals will emphasize ecosystem management and the protection and management of threatened and endangered species. Essential roads will be stabilized to provide all-weather public access and management operations. Programs providing multiple recreational uses will also be implemented. An all-season prescribed burning management plan will be developed and implemented using appropriate guidelines. Management activities will strive to manage natural plant communities to benefit native wildlife resources. Archaeological and historic sites will be managed in coordination with the Division of Historical Resources.

Revenue-generating Potential

Timber sales will be conducted as needed to improve or maintain desirable ecosystem conditions. These sales will primarily take place in pine stands and will provide a variable source of revenue. Because of the





existing condition of the timber resource on the property, revenue generating potential of the project is expected to be low. Additional revenue would be generated from sales of hunting licenses, fishing licenses, wildlife management area stamps and other special hunting stamps. Some revenues might be realized in the future from ecotourism activities, which can be economically developed.

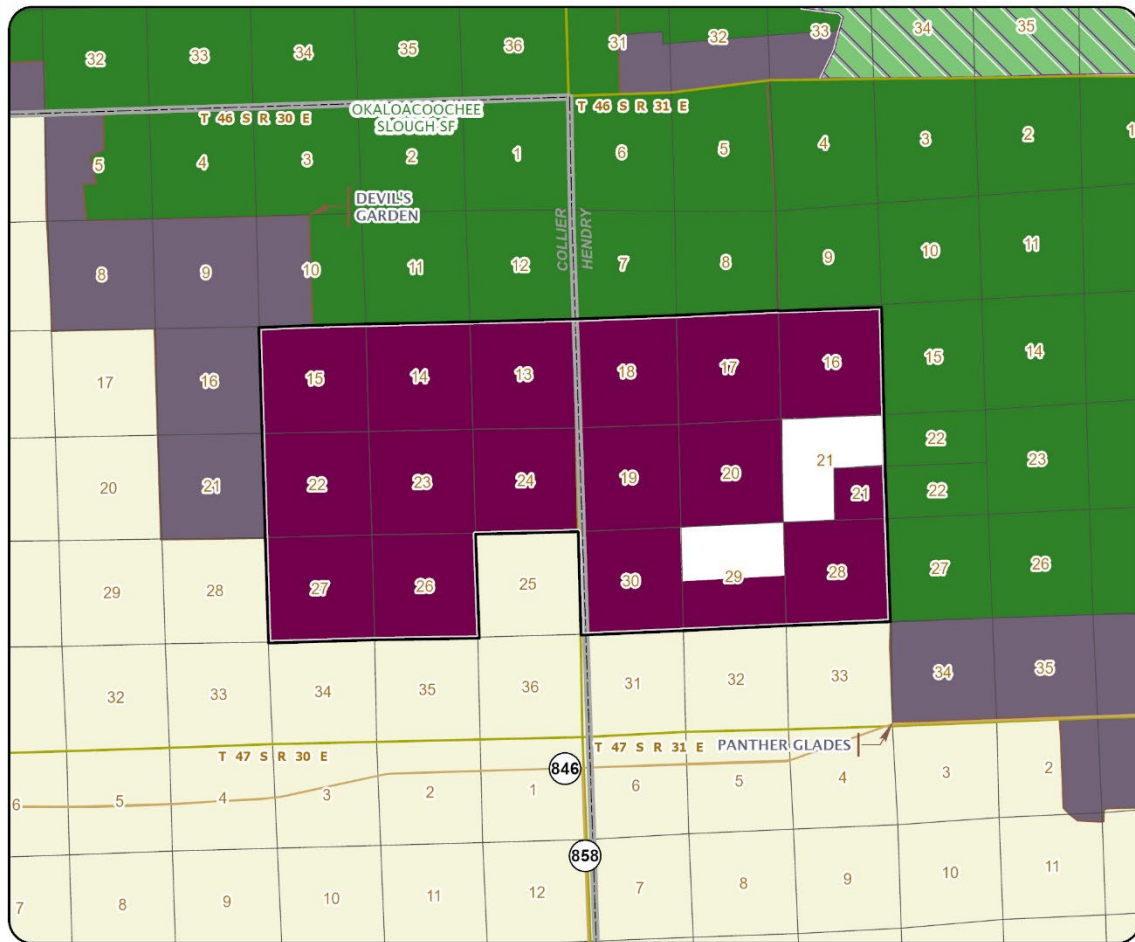
Florida Forever capital project expenditures will be needed on the parcel for hydrological restoration, public access and public use. The management prospectus is not intended to be an application for capital project expenditure; however, as more information is gathered and an analysis of the site is completed, an application may be submitted for capital project expenditure funds. It is anticipated that some of the existing roads will be used as multi-use trails for hiking, horseback riding and off-road bicycling. Management funding will come from the Land Acquisition Trust Fund or its successor.

Management Cost Summary

<u>FWC</u>	<u>Startup</u>	<u>Recurring</u>
Source of Funds	CARL	not provided
Salary (2 FTE)	\$70,751	not provided
Expense	\$261,372	not provided
OCO	\$300,600	not provided
TOTAL	\$632,723	not provided

Source: Management Prospectus as originally submitted





HALF CIRCLE L RANCH

COLLIER AND HENDRY COUNTIES

