

ITEM 15:

Vote on whether to amend the Middle Chipola River Florida Forever Project Boundary to add one parcel totaling approximately 49.41 acres in Jackson County with a tax assessed market value of \$142,940.

LOCATION:

Jackson County

DSL STAFF REMARKS:

The Hinson Conservation & Recreation Area Addition amendment proposed by the owner's representative Mr. James Streetman, Beach Realty of Cape San Blas, adds one parcel in Jackson County totaling approximately 49.41 acres to the Middle Chipola River Florida Forever project. The property consists of a portion of one parcel owned by the Hinson Family with a tax assessed value of \$142,940.

The parcel is adjacent to the Hinson Conservation and Recreation Area (HCRA) and is proposed for fee simple acquisition. All landowners have been contacted and are willing sellers. The City of Marianna has confirmed that the parcel would be managed as part of the HCRA. The naturally wooded parcel contains a small spring and the 1907 Pearce House, relocated to the property in 1975. The property would expand recreational opportunities and expand the buffer of protection for the Chipola River.

The proposal meets the criteria to be submitted as a boundary amendment. The parcels total less than 1,000 acres, have a tax assessed value of less than \$2 million, and are less than 10% of the size of the overall project to which it is being added. The proposal area should be designated as essential.

Project History:

The Middle Chipola River Florida Forever Project is in Jackson County. The project was approved on the CARL list in 1996. The Middle Chipola River project will protect remnants of the unique hardwood forests of this region for 30 miles along the Chipola River. The project is designed to maintain the water quality of the river and provide habitat for several rare plants and many rare animals, from mussels to turtles and cave-dwelling crayfish. The project will also contribute to preserving cultural resources found in and along the Chipola River. Acquiring lands within the project will provide public access to the river for resource-based recreation including, paddling, boating, fishing, swimming, and nature study.

The Middle Chipola River Florida Forever Project includes over 14,204 acres with 12,079 acres remaining and is ranked number 16 in the Partnerships and Regional Incentives category on the 2020 Florida Forever Priority List. The tax assessed value for the remaining acres to be acquired in this project per property appraiser information (2018) is \$34,767,729.

FNAI Review:

According to the Florida Natural Areas Inventory (FNAI), 100% of the site contributes to Ecological Greenways and Aquifer Recharge, 98% to Surface Water Protection, and , 83% to Strategic Habitat Conservation Areas.

STAFF RECOMMENDATION:

Vote on the proposed boundary amendment.

ARC RECOMMENDATION:

| Project | DHR | FFS | Lynetta Griner | FWC | Bill Palmer | Elva Peppers | DEP | Selected |
|--|------------|------------|-----------------------|------------|--------------------|---------------------|------------|-----------------|
| Middle Chipola River: Hinson Conservation & Recreation Area Addition | | | | | | | | |



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[Florida Natural Areas Inventory](#)

To: Deborah Burr, DEP/OES
From: Dale R. Jackson, FNAI
Date: November 9, 2020
Subject: Proposed Boundary Modification to Florida Forever BOT Project: **Middle Chipola River** – Hinson Property, Jackson County

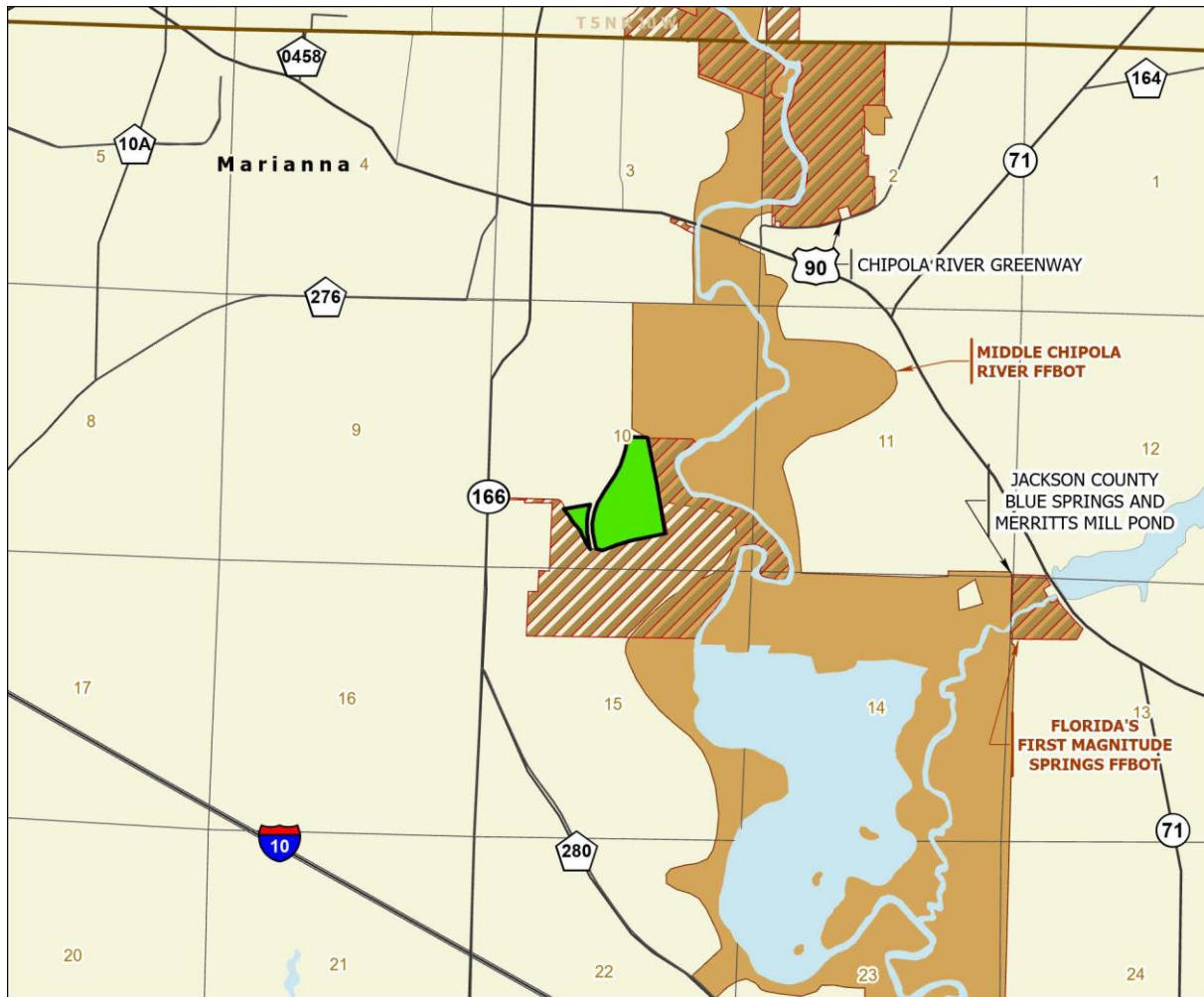
The Middle Chipola River FFBOT project is designed to protect remnants of mature hardwood forests and help maintain the water quality for 30 miles of the Chipola River and its tributaries. This will contribute to protection of many rare plants and animals (including birds, bats, mussels, turtles, fish, and cave-dwelling crustaceans), abundant archaeological remains in and along the river, and public access to the river for outdoor recreation.

The proposed addition includes 49.41 acres (51.54 GIS acres) about 0.5 mile south of the city of Marianna. It is bordered on three sides by Hinson Conservation and Recreation Area (HCRA; state-owned [TIITF], managed by city of Marianna) and situated on the western edge of the Middle Chipola River project, which extends upstream and downstream of the site; the river passes within 0.1 mile to the east of the site. The property consists of a larger triangular tract (45.37 ac.) and a smaller triangular tract (4.04 ac.) to its west; the two are separated by a forested corridor (old railroad bed) ca. 100 ft in width. An unpaved road (Gator Hole Lane) winds around the southern and western edges of the site. The property is proposed for fee-simple acquisition and proposed for addition to HCRA. Additional adjacent land not included in this proposal shares the same ownership (per plat map).

The tracts are mostly undeveloped and forested, although a historic house (history described in application) and surrounding yard are in the southeastern corner of the larger tract. The southern portion (estimated 40%) of the larger tract supports pine forest (probably mesic flatwoods). Much of the remainder of both tracts supports what appears to be a mixed pine/wetland forest (possibly cypress and slash pine), although a small area is cleared in the northern part of the larger tract. Extensive downed timber (presumably from Hurricane Michael in 2018) is visible throughout much of the site. A photograph within the application depicts a small spring.

The FNAI database contains two generally mapped and older (pre-1990) records of rare species in the area that includes the proposal, but data are not specific to the site. These records are for the southeastern bat (*Myotis austroriparius*, G4/S3, N, N; a known cave is east of the site) and rusty cebraionid beetle (*Selonodon ferrugineus*, G2/S1S2, N, N). Records are mapped for several rare plants just east of the site, mostly within hardwood forest situated along a bluff adjacent to the river: mayapple (*Podophyllum peltatum*), pyramid magnolia (*Magnolia pyramidata*), roundlobed liverleaf (*Anemone americana*) and Florida merrybells (*Uvularia floridana*). Numerous rare riverine species (fish, turtles, mollusks) occur in the nearby Chipola River.

The Florida Forever Measures Evaluation (FFME) at the end of this memo is based on the Florida Forever Conservation Needs Assessment developed by FNAI. The data used in that analysis represent a standardized, statewide perspective of natural community distributions based primarily on data from the Cooperative Land Cover Map. Most to all of the proposed addition contributes to Surface Water Protection, Aquifer Recharge, and Ecological Greenways, with a substantial contribution to Sustainable Forestry (but not at a cost of ecosystem degradation).



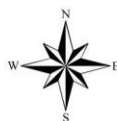
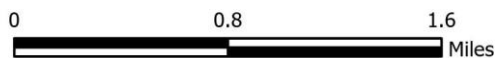
MIDDLE CHIPOLA RIVER PROPOSED ADDITION (HINSON)

JACKSON COUNTY

-  Proposed Florida Forever BOT Project Addition
-  Florida Forever BOT Projects
-  State Owned Lands

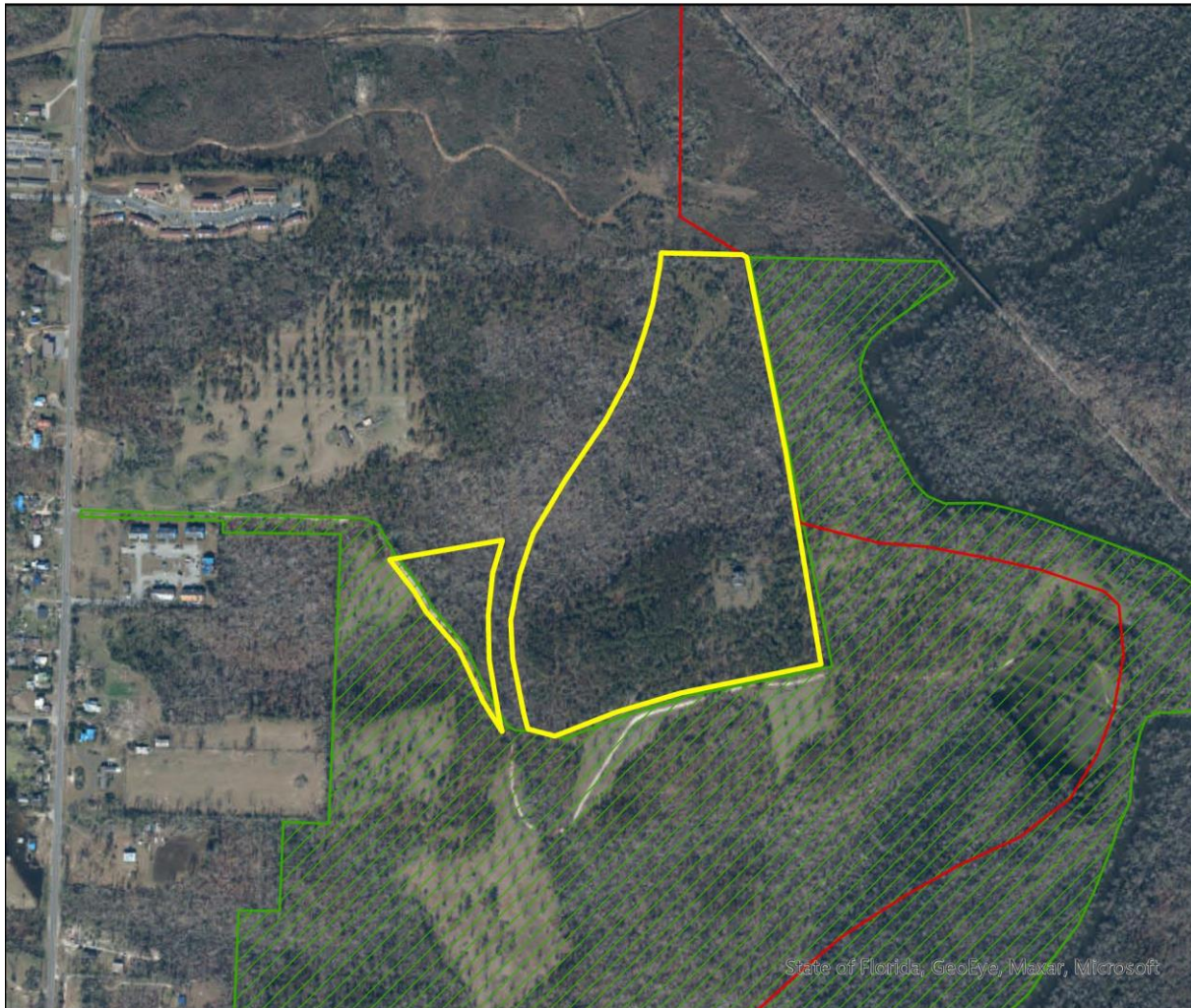


NOVEMBER 2020



Middle Chipola River Proposed Addition (Hinson)

FLORIDA FOREVER BOARD OF TRUSTEES PROJECT PROPOSAL BOUNDARY AS OF NOVEMBER 2020



Map Produced by: N. Pasco, November 2020

Background: World Imagery Resolution = 0.3 meter



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Middle Chipola River Addition: Florida Forever Measure Evaluation 20201102

GIS ACRES = 51.54

| MEASURES | Resource Acres ^a | % of project |
|--|-----------------------------|--------------|
| B1: Strategic Habitat Conservation Areas | | |
| Priority 1 | 18.96 | 37% |
| Priority 2 | 16.85 | 33% |
| Priority 3 | 0.00 | 0% |
| Priority 4 | 0.00 | 0% |
| Priority 5 | 7.06 | 14% |
| Total Acres | 42.87 | 83% |
| B2: FNAI Habitat Conservation Priorities | | |
| Priority 1 | 20.13 | 39% |
| Priority 2 | 0.00 | 0% |
| Priority 3 | 0.28 | < 1% |
| Priority 4 | 0.00 | 0% |
| Priority 5 | 0.00 | 0% |
| Priority 6 | 0.00 | 0% |
| Total Acres | 20.40 | 40% |
| B3: Ecological Greenways | | |
| Priority 1 | 0.00 | 0% |
| Priority 2 | 0.00 | 0% |
| Priority 3 | 0.00 | 0% |
| Priority 4 | 51.43 | 100% |
| Priority 5 | 0.00 | 0% |
| Priority 6 | 0.00 | 0% |
| Total Acres | 51.43 | 100% |
| B4: Under-represented Natural Communities | | |
| Upland Glade (G1) | 0.00 | 0% |
| Pine Rockland (G1) | 0.00 | 0% |
| Scrub and Scrubby Flatwoods (G2) | 0.00 | 0% |
| Rockland Hammock (G2) | 0.00 | 0% |
| Dry Prairie (G2) | 0.00 | 0% |
| Seepage Slope (G2) | 0.00 | 0% |
| Sandhill (G3) | 0.00 | 0% |
| Sandhill Upland Lake (G3) | 0.00 | 0% |
| Upland Pine (G3) | 0.00 | 0% |
| Mesic/Wet Flatwoods (G4) | 0.00 | 0% |
| Upland Hardwood Forest (G5) | 0.00 | 0% |
| Total Acres | 0.00 | 0% |
| B6: Occurrences of FNAI Tracked Species | | |
| G1 | 0 | |
| G2 | 0 | |
| G3 | 0 | |
| G4 | 0 | |
| G5 | 0 | |
| Total | 0 | |
| C4: Natural Floodplain Function | | |
| Priority 1 | 0.00 | 0% |
| Priority 2 | 0.00 | 0% |
| Priority 3 | 0.00 | 0% |
| Priority 4 | 3.17 | 6% |
| Priority 5 | 0.00 | 0% |
| Priority 6 | 0.00 | 0% |
| Total Acres | 3.17 | 6% |

| MEASURES (continued) | Resource Acres ^a | % of project |
|--|-----------------------------|--------------|
| C5: Surface Water Protection | | |
| Priority 1 | 0.00 | 0% |
| Priority 2 | 30.30 | 59% |
| Priority 3 | 0.00 | 0% |
| Priority 4 | 20.29 | 39% |
| Priority 5 | 0.00 | 0% |
| Priority 6 | 0.00 | 0% |
| Priority 7 | 0.00 | 0% |
| Total Acres | 50.59 | 98% |
| C7: Fragile Coastal Resources | | |
| Fragile Coastal Uplands | 0.00 | 0% |
| Imperiled Coastal Lakes | 0.00 | 0% |
| Coastal Wetlands | 0.00 | 0% |
| Total Acres | 0.00 | 0% |
| C8: Functional Wetlands | | |
| Priority 1 | 0.00 | 0% |
| Priority 2 | 0.00 | 0% |
| Priority 3 | 0.00 | 0% |
| Priority 4 | 0.22 | < 1% |
| Priority 5 | 0.00 | 0% |
| Priority 6 | 0.00 | 0% |
| Total Acres | 0.22 | 0% |
| D3: Aquifer Recharge | | |
| Priority 1 | 0.00 | 0% |
| Priority 2 | 0.00 | 0% |
| Priority 3 | 0.00 | 0% |
| Priority 4 | 24.85 | 48% |
| Priority 5 | 26.58 | 52% |
| Priority 6 | 0.00 | 0% |
| Total Acres | 51.43 | 100% |
| E2: Recreational Trails (miles) | | |
| <small>(prioritized trail opportunities from Office of Greenways and Trails & Univ. Florida)</small> | | |
| Land Trail Priorities | 0.0 | |
| Land Trail Opportunities | 0.5 | |
| Total Miles | 0.5 | |
| F2: Arch. & Historical Sites (number) | | |
| 0 sites | | |
| G1: Sustainable Forestry | | |
| Priority 1 | 0.00 | 0% |
| Priority 2 | 0.00 | 0% |
| Priority 3 | 23.85 | 46% |
| Priority 4 | 0.00 | 0% |
| Priority 5 - Potential Pinelands | 0.00 | 0% |
| Total Acres | 23.85 | 46% |
| G3: Forestland for Recharge | | |
| | 0.00 | 0% |

^aAcres of each resource in the project and percentage of project represented by each resource are listed except where noted. This analysis converts site boundary into pixels, which causes slight differences from GIS acres; this effect is most noticeable on small sites.