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# Blackwater Heritage State Trail Management Plan

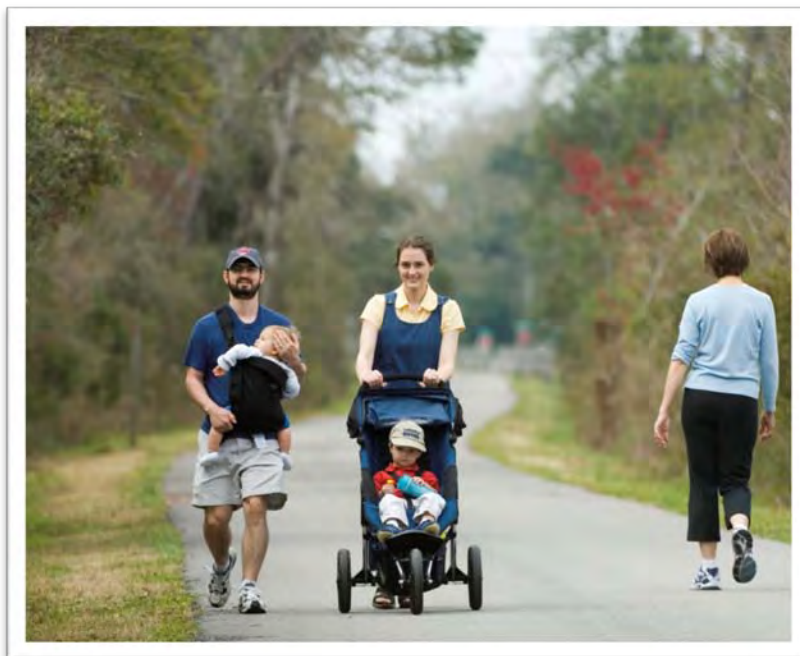
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**Division of Recreation and Parks  
Lease #4024**

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Management Plan Approval Date: April 22, 2013  
Management Plan Update Due: April 22, 2023

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*Photo by John Moran*

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**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

MARJORY STONEMAN DOUGLAS BUILDING  
3900 COMMONWEALTH BOULEVARD  
TALLAHASSEE, FLORIDA 32399-3000

RICK SCOTT  
GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

April 24, 2013

Ms. Robin Birdsong  
Regional Coordinator  
Office of Greenways and Trails, Division of Recreation and Parks  
Department of Environmental Protection  
3900 Commonwealth Boulevard, MS 525  
Tallahassee, FL 32399-3900

**RE: Blackwater Heritage State Trail, Lease 4204**

Dear Ms. *Robin* Birdsong:

The Division of State Lands, Office of Environmental Services, acting as agent for the Board of Trustees of the Internal Improvement Trust Fund, hereby approves the above referenced management plan. The next management plan update is due April 22, 2023.

Approval of this land management plan does not waive the authority or jurisdiction of any governmental entity that may have an interest in this project. Implementation of any upland activities proposed by this management plan may require a permit or other authorization from federal and state agencies having regulatory jurisdiction over those particular activities. Pursuant to the conditions of your lease, please forward copies of all permits to this office upon issuance.

Sincerely,

Marianne S. Gengenbach  
Office of Environmental Services  
Division of State Lands

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<b>Management Plan Compliance Checklist - Natural Resource Lands</b>	
<b>Requirements</b>	<b>Page Numbers</b>
<b>18-2.021 Acquisition and Restoration Council.</b>	
1. Executive Summary	xiii
<b>Management Plans. Plans submitted to the division for ARC review under the requirements of Section 253.034 F.S. should be in a form and manner prescribed by rule by the board and in accordance with the provisions of S. 259.032 and should contain where applicable to the management of resources the following:</b>	
2. The common name of the property.	xiii, 1
3. A map showing the location and boundaries of the property plus any structures or improvements to the Property.	Maps 1.1-1.3
4. The legal description and acreage of the property.	Appendix A
5. The degree of title interest held by the Board, including reservations and encumbrances such as leases.	xiv, xv, 1, 13, Map 1.7
6. The land acquisition program, if any, under which the property was acquired.	xiii, 1
7. The designated single use or multiple use management for the property, including other managing agencies.	xiii, xv, 13
8. Proximity of property to other significant State/local/federal land or water resources.	2, 25, Maps 1.6 and 2.3, Appendix C
9. A statement as to whether the property is within an Aquatic Preserve or a designated Area of Critical State Concern or an area under study for such designation. If yes, make sure appropriate managing agencies are notified of the plan.	4
<b>10. The location and description of known and reasonably identifiable renewable and non-renewable resources of the Property including, but not limited to, the following:</b>	
A. Brief description of soil types, using U. S. D. A. maps when available;	6, Map 2.1
B. Archaeological and historical resources*;	10, Map 2.4, Appendix G
C. Water resources including the water quality classification for each water body and the identification of any such water body that is designated as an Outstanding Florida Waters;	7, Map 2.3
D. Fish and wildlife and their habitat;	7, Appendix E
E. State and federally listed endangered or threatened species and their habitat;	9, Appendix B and E
F. Beaches and dunes;	10
G. Swamps, marshes and other wetlands;	7
H. Mineral resources, such as oil, gas and phosphate;	9

I. Unique natural features, such as coral reefs, natural springs, caverns, large sinkholes, virgin timber stands, scenic vistas, and natural rivers and streams; and	10
J. Outstanding native landscapes containing relatively unaltered flora, fauna, and geological conditions.	10
11. A description of actions the agency plans, to locate and identify unknown resources such as surveys of unknown archeological and historical resources.	32
12. The identification of resources on the property that are listed in the Florida Natural Areas Inventory. Include letter from FNAI or consultant, where appropriate.	7, Appendix B
13. A description of past uses, including any unauthorized uses of the property.	11
14. A detailed description of existing and planned use(s) of the property.	11
15. A description of alternative or multiple uses of the property considered by the managing agency and an explanation of why such uses were not adopted.	13
16. A detailed assessment of the impact of planned uses on the renewable and non-renewable resources of the property and a detailed description of the specific actions that will be taken to protect, enhance and conserve these resources and to mitigate damage caused by such uses.	14
17. A description of management needs and problems for the property.	xiv, 15
18. Identification of adjacent land uses that conflict with the planned use of the property, if any.	12, Appendix H
19. A description of legislative or executive directives that constrain the use of such property.	13, 27
20. A finding regarding whether each planned use complies with the State Lands Management Plan adopted by the Trustees on March 17, 1981, and incorporated herein by reference, particularly whether such uses represent "balanced public utilization", specific agency statutory authority, and other legislative or executive constraints.	27
21. An assessment as to whether the property, or any portion, should be declared surplus.	xiv, 25
22. Identification of other parcels of land within or immediately adjacent to the property that should be purchased because they are essential to management of the property. Clearly defined map of parcels can be used.	25, Appendix B-23
23. A description of the management responsibilities of each agency and how such responsibilities will be coordinated, including a provision that requires that the managing agency consult with the Division of Historical Resources before taking actions that may adversely affect archaeological or historic resources.	27
24. A statement concerning the extent of public involvement and local government participation in the development of the plan, if any, including a summary of comments and concerns expressed.	15, Appendix I
<b>Additional Requirements—Per Trustees.</b>	
25. Letter of Compliance of the management plan with the Local Government Comprehensive Plan. Letter from local government saying that the plan is in compliance with local government's comprehensive plan.	Appendix H
<b>253.034 State-Owned Lands; Uses. Each entity managing conservation lands shall submit to the Division of State Lands a land management plan at least every 10 years in a form and manner prescribed by rule by the Board.</b>	
26. All management plans, whether for single-use or multiple-use properties, shall specifically describe how the managing entity plans to identify, locate, protect and preserve, or otherwise use fragile nonrenewable resources, such as archaeological and historic sites, as well as other fragile resources, including endangered plant and animal species.	Section IV
27. The management plan shall provide for the conservation of soil and water resources and for the control and prevention of soil erosion.	28

<b>28.</b> Land management plans submitted by an entity shall include reference to appropriate statutory authority for such use or uses and shall conform to the appropriate polices and guidelines of the state land management plan.	27
<b>29.</b> All land management plans for parcels larger than 1,000 acres shall contain an analysis of the multiple-use potential of the parcel, which analysis shall include the potential of the parcel to generate revenues to enhance the management of the parcel.	NA
<b>30.</b> Additionally, the land management plan shall contain an analysis of the potential use of private managers to facilitate the restoration or management of these lands.	35
<b>31.</b> A physical description of the land.	6
<b>32.</b> A desired outcome.	xv, 15
<b>33.</b> A quantitative data description of the land which includes an inventory of forest and other natural resources; exotic and invasive plants; hydrological features; infrastructure, including recreational facilities; and other significant land, cultural, or historical features.	16-22
<b>34.</b> A detailed description of each short-term and long-term land management goal, the associated measurable objectives, and the related activities that are to be performed to meet the land management objectives. Each land management objective must be addressed by the land management plan, and where practicable, no land management objective shall be performed to the detriment of the other land management activities.	16-21
<b>35.</b> A schedule of land management activities which contains short-term and long-term land management goals and the related measurable objectives and activities. The schedule shall include for each activity a timeline for completion, quantitative measures, and detailed expense and manpower budgets. The schedule shall provide a management tool that facilitates development of performance measures.	Appendix J
<b>36.</b> A summary budget for the scheduled land management activities of the land management plan. For state lands containing or anticipated to contain imperiled species habitat, the summary budget shall include any fees anticipated from public or private entities for projects to offset adverse impacts to imperiled species or such habitats, which fees shall be used solely to restore, manage, enhance, repopulate, or acquire imperiled species habitat. The summary budget shall be prepared in such a manner that it facilitates computing an aggregate of land management costs for all state-managed lands using the categories described in s. 259.037(3).	Appendix J
<b>37.</b> Each management plan shall describe both short-term and long-term management goals, and include measurable objectives to achieve those goals. Short-term and long-term management goals shall include measurable objectives for the following, as appropriate	✓
<b>(A)</b> Habitat restoration and improvement;	16
<b>(B)</b> Public access and recreational opportunities;	17
<b>(C)</b> Hydrological preservation and restoration;	19
<b>(D)</b> Sustainable forest management;	19
<b>(E)</b> Exotic and invasive species maintenance and control;	20
<b>(F)</b> Capital facilities and infrastructure;	20
<b>(G)</b> Cultural and historical resources;	21
<b>(H)</b> Imperiled species habitat maintenance, enhancement, restoration, or population restoration	22

<b>253.036 Forest Management.</b>	
<b>38.</b> For all land management plans for parcels larger than 1,000 acres, the lead agency shall prepare the analysis, which shall contain a component or section prepared by a qualified professional forester which assesses the feasibility of managing timber resources on the parcel for resource conservation and revenue generation purposes through a stewardship ethic that embraces sustainable forest management practices if the lead management agency determines that the timber resource management is not in conflict with the primary management objectives of the parcel.	NA
<b>259.032 Conservation And Recreation Lands Trust Fund; Purpose.</b>	
<b>(10)(a)</b> State, regional or local governmental agencies or private entities designated to manage lands under this section shall develop and adopt, with the approval of the Board of Trustees, an individual management plan for each project designed to conserve and protect such lands and their associated natural resources. Private sector involvement in management plan development may be used to expedite the planning process.	
<b>39.</b> Individual management plans required by s. 253.034(5), for parcels over 160 acres, shall be developed with input from an advisory group - Management plan should list advisory group members and affiliations.	15, Appendix I
<b>40.</b> The advisory group shall conduct at least one public hearing in each county in which the parcel or project is located. Managing agency should provide DSL/OES with documentation showing date and location of public hearing.	15, Appendix I
<b>41.</b> Notice of such public hearing shall be posted on the parcel or project designated for management, advertised in a paper of general circulation, and announced at a scheduled meeting of the local governing body before the actual public hearing. Managing agency should provide DSL/OES with copy of notice.	Appendix I
<b>42.</b> The management prospectus required pursuant to 259.032 (9) (d) shall be available to the public for a period of 30 days prior to the public hearing.	Appendix I
<b>43.</b> Summary of Advisory Group Meeting should be provided to DSL/OES.	Appendix I
<b>44.</b> Individual management plans shall conform to the appropriate policies and guidelines of the state land management plan and shall include, but not be limited to:	✓
<b>A.</b> A statement of the purpose for which the lands were acquired, the projected use or uses as defined in s. 253.034, and the statutory authority for such use or uses.	xv, 11, 13, 23, 27
<b>B.</b> Key management activities necessary to achieve the desired outcomes, including, but not limited to, providing public access, preserving and protecting natural resources, protecting cultural and historical resources, restoring habitat, protecting threatened and endangered species, controlling the spread of nonnative plants and animals, performing prescribed fire activities, and other appropriate resource management activities.	✓
<b>C.</b> A specific description of how the managing agency plans to identify, locate, protect, and preserve, or otherwise use fragile, nonrenewable natural and cultural resources.	27
<b>D.</b> A priority schedule for conducting management activities, based on the purposes for which the lands were acquired. The schedule must include a goal, an objective, and a time frame for completion.	Appendix J
<b>E.</b> A cost estimate for conducting priority management activities, to include recommendations for cost-effective methods of accomplishing those activities. Using categories as adopted pursuant to 259.037, F.S., is suggested. These are: (1) Resource Management; (2) Administration; (3) Support; (4) Capital Improvements; (5) Visitor Services/Recreation; and (6) Law Enforcement.	Appendix J



F. A cost estimate for conducting other management activities which would enhance the natural resource value or public recreation value for which the lands were acquired. The cost estimate shall include recommendations for cost-effective methods of accomplishing those activities. Using categories as adopted pursuant to 259.037, F.S., is suggested. These are: (1) Resource Management; (2) Administration; (3) Support; (4) Capital Improvements; (5) Visitor Services/Recreation; and (6) Law Enforcement.(Example #10) Include approximate monetary cost and cost effective methods. Can be placed in the appendix.	Appendix J
45. A determination of the public uses and public access that would be consistent with the purposes for which the lands were acquired.	36
<b>259.036 Management Review Teams.</b>	
46. The managing agency shall consider the findings and recommendations of the land management review team in finalizing the required 10-year update of its management plan. Can be addressed in the body of the plan or addressed in an appendix. If not in agreement, the managing agency should reply in a statement in the appendix.	40
<b>Other Requirements.</b>	
47. This checklist table at front of plan (pursuant to request of ARC and consensus agreement of managing agencies.)	iii-vii
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49. FNAI-based natural community maps (may differ from FNAI in some cases)	Map 2.2
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52. Cultural resources, including maps of all sites <u>except Native American sites</u> *	Map 2.4
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<b>*While maps of Native American sites should not be included in the body of the management plan, the DSL urges each managing agency to provide such information to the Division of Historical Resources for inclusion in their proprietary database. This information should be available for access to new managers to assist them in developing, implementing and coordinating their management activities.</b>	

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## LAND MANAGEMENT PLAN EXECUTIVE SUMMARY

**Lead Agency:** Florida Department of Environmental Protection (DEP), Division of Recreation and Parks (DRP), District One, Blackwater River State Park

**Property Common Name:** Blackwater Heritage State Trail (BHST)

**Location:** Depicted on the FL U.S. Geological Survey 7.5 minute topographic quadrangle for Santa Rosa County, Florida, the BHST is located in:

02N28W35, 02N28W34, 02N28W26, 02N28W25, 02N28W24, 02N28W14, 02N28W13,  
02N28W12, 02N28W11, 01N28W10, 01N28W03, 02N27W19, 02N27W18, 02N27W07

**Total Acreage:** 229.60

**Cooperative Landcover – Acreage (FNAI, 2010):**

Coniferous Plantations – 97.5	Mixed Scrub-Shrub Wetland – 1.3
Community Recreational Facilities – 53.9	Commercial & Services – 0.9
Other Wetland Forested Mixed – 21.7	Mixed Wetland Hardwoods – 0.8
Upland Coniferous – 10.1	Wet Coniferous Plantations – 0.7
Mixed Hardwood Coniferous – 7.0	Mesic Flatwoods – 0.6
Residential, High Density > 5 Dwelling Units/Acre – 6.5	Institutional – 0.6
Hydric Pine Flatwoods – 5.7	Unimproved/Woodland Pasture – 0.5
Upland Hardwood Forest – 4.8	Roads – 0.3
Shrub and Brushland – 4.5	Cypress – 0.2
Rural Open – 3.5	Field Crops – 0.1
Residential, Medium Density (2-5 Dwelling Units/Acre) – 2.7	Improved Pasture – 0.1
Wet Prairie – 2.5	

**Lease Number:** 4024

**Use:** Single Use – Recreation

**Management Responsibility:** Lessor: Board of Trustees of the Internal Improvement Trust Fund (Trustees) of the State of Florida. Lessee: DEP, DRP.

**Designated Land Use:** Primarily located within the Conservation/Recreation Future Land Use category, the management unit also crosses public rights-of-way and federal government property and is surrounded by Agriculture, Single Family Residential and Commercial uses.

**Contracts:** The Blackwater Heritage State Trail, Inc. operates a concession at the Visitor Center.

**Encumbrances:** Any easements granted prior to Trustees ownership are listed in the deed and/or title insurance policy. This includes the lands that were donated by the United States of America (USA), specifically, excepted from this conveyance and reserved in to the Grantor, and its assigns, all oil, gas, and other minerals in, under and upon the lands conveyed, together with the rights to enter upon the lands herein conveyed, together with the rights to enter upon the land for the purpose of mining and removing the same. An easement encumbers 0.7 acres of the northwest corner of the Clear Creek/Whiting Field Tract (Tract). With this easement, the USA has the perpetual right to clear and keep clear and to prohibit the future erection of structures in the air space above the subject section of the property of any man-made or natural obstruction extending above the glide angle plan, which varies from 16.2 to 27.8-feet above ground. The USA also has the right of ingress and egress and passage on

and over the land for the purpose of exercising easement rights. Trustees Easement Number 32207, totaling 0.099 acres, was granted to the City of Milton on October 4, 2010 for the establishment of a trailside rest area known as Heritage Plaza.

**Type Acquisition:** The land represented by Lease Number 4024 (96.475 acres) were deeded to the Trustees by the USA, acting by and through the Secretary of the Interior, on November 4, 1993, through the National Park Service's Lands to Parks Program; the land represented by Amendment Number One (note: the Lease amendment states "2.85 acres" which is incorrect, the parcel is 4.44 acres) were acquired through the Murphy Act; the land represented by Amendment Number Two (1.81 acres) were acquired fee simple with Florida Forever Funding through the Office of Greenways and Trails land acquisition program; the land (Tract) represented by Amendment Number Three (126.87) were acquired fee simple with Florida Forever funding as a portion of the Clear Creek/Whiting Field Project.

**Unique Natural Features:** The scenic resources of the property occur along the wetland areas, the crossing of Clear Creek, the seepage bog of the lands acquired through the Murphy Act and the southwest portion of the Tract which includes frontage along Clear Creek. No other unique natural features, such as coral reefs, natural springs, caverns, large sinkholes, virgin timber stands are known to exist on the property.

**Archaeological/Historical:** The linear Trail is aligned on one known (unrecorded) Resource Group, the Florida and Alabama Railroad (F&ARR). Although not listed as a contributing resource, it passes through the Milton Historic District (SR00394) and is adjacent to the Magaha Rivanbark House (SR00536).

**Management Needs:** Funding is needed for the continuation of the protection and enhancement of the resources, providing public access at the existing facilities and to establish legal access for over half of the management unit to include land management activities and public recreational use of the Murphy Act land represented as Amendment Number One to Lease 4024 and for the Tract land represented as Amendment Number Three to Lease 4024. Other needs include development of baseline studies to understand the condition of the resources that are inaccessible due to the lack of legal access, including a burn plan and a Recreation Plan; and implementation of the studies and plans. DRP will protect state land against encroachments. The DEP will continue to monitor and provide input on the design plans for the Florida Department of Transportation project that includes widening and extending State Road 87. DRP will continue to coordinate with regional partners to implement a connected system of trails which helps to facilitate opportunities for economic development through tourism in the West Florida Region.

**Acquisition Needs/Acreage:** Legal access is needed for the Murphy Act land and for the Tract. The configuration and the location of specific parcels to facilitate access have not been identified.

**Surplus Land Needs/Acreage:** If legal access is unobtainable, the 4.44 acres of land acquired through the Murphy Act could potentially be surplus. However, surplus should be avoided because they could help facilitate the regional vision of connecting the Trail to the Bagdad Mill Site.

**Public Involvement:** Pursuant to Section 259.032(10), F.S. Management accepted input from an Advisory Group and during a Public Meeting (May 30, 2012).

An interagency State Land Management Review (LMR) Team has not toured the property or conducted a Land Management Review.

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ARC Approval Date: April 19, 2013 Trustees Approval Date: April 22, 2013

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## OVERVIEW

Officially part of Florida's Greenways and Trails System, the Blackwater Heritage State Trail (BHST) has also been designated as a National Recreation Trail®. It is located in Milton, the county seat of Santa Rosa County along a former railroad corridor. Today, public access is provided along the 8.1-mile, 12-foot-wide paved multiple use trail and parallel, natural surface equestrian trail. In addition to neighboring streets, public access is provided via four state managed trailheads. There is also a visitor's center, playground and a secured location for equipment storage. The BHST is managed as a single-use for recreation consistent with the protection of natural and historical resources. In the north, the Trail connects to United States Navy, managed NAS Whiting Field Trailhead and the Military Heritage Trail. Together, these trails provide outdoor recreational opportunities and non-motorized transportation choices for walking, hiking, jogging, bicycling, horseback riding and inline skating, as well as eco-tourism opportunities for residents and visitors. Specifically, dedicated shared use paths/trails provide the optimum setting for the safe and efficient use of non-motorized modes of transportation through master planned residential communities and commercial centers. The land use and management is consistent with the protection of the resources. The BHST enhances aspects of the community. As such, following the City of Milton's adoption of Resolution Number 1154-10, an easement was granted to the City on October 4, 2010 for the establishment of a trailside rest area known as Heritage Plaza. Dedicated on April 4, 2011, Heritage Plaza is a destination for visitors and a community focal point that serves as a historical patriotic tribute.

Management authority and oversight for four separate acquisitions comprising the management unit is through the Florida Department of Environmental Protection's, Division of Recreation and Parks. Specifically, the Florida State Park System, District One, Blackwater River State Park. Two of the four parcels lack legal access. One of these two parcels, totaling 4.4 acres, was acquired through the Murphy Act on April 5, 2007. It is reflected as Amendment Number One to Lease Number 4024 and is located east of the southern section of the BHST (01N28W10). It contains a seepage stream and bog community, in addition to lacking legal access, it is bisected by an active CSX operated railroad and a utility corridor. The second parcel lacking legal access is reflected as Amendment Number Three to the Lease Number 4024 was executed on March 29, 2010. This 126.87-acre Tract was acquired from the Nature Conservancy on February 23, 2010 with Florida Forever funds as part of the Clear Creek/Whiting Field Project. The protection of this land helps to ensure the mission of United States Naval Air Station Whiting Field continues by preventing encroachment and incompatible land use adjacent to the base. DRP is interested in entering into a sublease agreement for management of the Tract.

The Management Plan outlines the history and regional significance of the property and outlines the resources found along the property. This Plan identifies the uses of the property and outlines management issues, goals and objectives. The desired outcome and overall goal of the management of the BHST is to work with partners to provide access to a growing recreational trails network, protect, enhance and interpret the natural and cultural resources and to provide adjacent land use compatibility to protect the mission of the United States Naval Air Station Whiting Field. The trails network expands healthy transportation alternatives while connecting people and communities to enhance economic development through tourism in the West Florida Region.

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## I. INTRODUCTION

### A. Project Location

The property, commonly known as the Blackwater Heritage State Trail (BHST or Trail), is located in the City of Milton, the county seat of Santa Rosa County (Map 1.1). The existing 8.1-mile multiple use, linear Trail is the westernmost rail-trail in the state of Florida.

As illustrated on Maps 1.2 and 1.3, DRP maintains four trailheads including:

- **Munson Highway, Equestrian Trailhead**, located at 5969 Munson Highway, Milton, Florida;
- **Visitor Center Trailhead**, located at 5533 Alabama Street, Milton, Florida;
- **Milton Trailhead**, located at 6715 Elva Street, Milton, Florida;
- **Southern Trailhead, Old Highway 90**, located at 6655 Old Highway 90, Milton, Florida.

There are two parcels within this management unit that are disconnected from the Trail and associated trailheads, both lack legal access. The smaller of these two parcels was acquired through the Murphy Act. It is located east of the southern section of linear Trail, east of Tar Plant Road. The larger of these two parcels is known as the Clear Creek/Whiting Field Tract (Tract). This Tract is located west of the Trail, adjacent to the southern side of NASWF, north of Whiting Acres Lane (Map 1.4).

Depicted on the FL U.S. Geological Survey 7.5 minute topographic quadrangle for Santa Rosa County, Florida, the BHST is located in: 02N28W35, 02N28W34, 02N28W26, 02N28W25, 02N28W24, 02N28W14, 02N28W13, 02N28W12, 02N28W11, 01N28W10, 01N28W03, 02N27W19, 02N27W18, 02N27W07. Appendix A contains the complete legal description.

### B. Land Acquisition History

The property consists of four parcels, which are reflected as three amendments to the parent Lease Number 4024 (Appendix A). The parent lease, formerly known as the Milton to Whiting Field Rails-to-Trails, consists of 96.475 acres. This first parcel was deeded to the Florida Board of Trustees of the Internal Improvement Trust Fund (Trustees) by the United States of America, acting by and through the Secretary of the Interior, on November 4, 1993, through the National Park Service's Lands to Parks Program. Prior to ownership by the United States of America, the 100-foot-wide corridor was owned and operated by multiple rail carriers. This parcel was leased to the Division of Recreation and Parks, Florida State Parks on January 31, 1994 as Lease Number 4024. Management of the parcel transferred from the Division of Recreation and Parks (DRP) to the Office of Greenways and Trails (OGT) on February 4, 2004. On July 1, 2011, OGT merged with the DRP. As part of that merger, management authority and oversight for the BHST shifted back to the Florida State Park System, District One, specifically Blackwater River State Park. All subsequent amendments to Lease Number 4024, which expires on January 30, 2044, are managed as part of the Florida State Park System as the BHST.

Amendment Number One to Lease Number 4024 occurred on April 5, 2007. These Murphy Act lands were acquired by statutory forfeiture of lands for nonpayment of taxes. Recorded as Parcel Number 101N28569000000280 by the Santa Rosa County Property Appraiser, the

Murphy Act lands include 4.44 total acres (note: the lease amendment states “2.85 acres” which is incorrect).

Amendment Number Two to Lease Number 4024 occurred on July 6, 2007. This 1.81-acre parcel was purchased fee simple with Florida Forever funds through the Office of Greenways and Trails Land Acquisition Program on March 16, 2007, from C. Thomas and Mary J. Mynhier for \$88,000. It connects to the Trail near the Visitor Center Trailhead.

Amendment Number Three to the Lease Number 4024 was executed on March 29, 2010. Located adjacent to the southern boundary of Naval Air Station Whiting Field (NASWF), this 126.87-acre Tract was purchased fee simple as part of the Clear Creek/Whiting Field Project (Appendix B) with Florida Forever funds on February 23, 2010, from the Nature Conservancy (TNC). The Tract incorporated into this lease agreement was part of a larger acquisition. The Florida Forest Service (FFS) manages the remainder of the lands acquired within the Florida Forever Clear Creek/Whiting Field Project boundary. The Tract within this management unit is recorded as Parcel Number 142N280000001000000 by the Santa Rosa County Property Appraiser. In addition to the Florida Forever funds, the FFS/Incidental Trust Fund, the Department of the Navy and the Department of Justice contributed funding for the Clear Creek/Whiting Field Project.

**C. Nearby Public Lands and Designated Water Resources**

Nearby public lands consists of parcels owned and managed by federal, state and local governments (Maps 1.5 to 1.6).

The BHST is adjacent to the 4,000-acre, NASWF which has served as a naval aviation training facility since it began operations in July, 1943. The present mission of NASWF is to train student naval aviators in the primary and intermediate phases of fixed-wing aviation, and in the advanced phases of helicopter training. According to GlobalSecurity.org more than 1,200 personnel complete their essential flight training yearly at NASWF. Additionally, Whiting Field is the busiest Naval Air Station in the world. An estimated 46 percent of the Chief of Naval Air Command's total flight time and more than ten percent of Navy and Marine Corps total flight time occurs at NASWF. The northern terminus of the 8.1-mile BHST adjoins the 1.5-mile Military Heritage Trail which is part of the NASWF and managed by the U.S. Navy. Access to the adjoining trails is provided by the NAS Whiting Field Trailhead, located at 7050 Marty Martin Way.

Additional recreational and conservation lands and trail connections in the vicinity of the BHST include:

Bagdad Mill Site (Mill Site), 6963 Main Street, owned by the Trustees, leased to OGT and subleased to Santa Rosa County via agreement Number 4470 Amendment One. The Mill Site is designated as part of Florida's Greenways and Trails. Located at the confluence of Pond Creek and the Blackwater River, the 22-acre Bagdad Mill Site will serve as a trailhead for the growing regional trails system. Development of the Mill Site and trail connection to the Ollinger and Bruce Shipyard Historical Park is underway.

The 31-mile Blackwater River Designated Paddling Trail's southernmost access point is within the Blackwater River State Park at Deaton Bridge. Within a short distance of Deaton Bridge, the River is not navigable. Although the Blackwater River can rise very quickly, making paddling

difficult, camping along sandbars is popular with paddlers. Although the BHST does not cross the Blackwater River, northeast of Milton it crosses a portion of its floodplain. The Blackwater River is designated as Outstanding Florida Waters (OFW), classified pursuant to Chapter 62-302 Florida Administrative Code (F.A.C.) (Appendix C).

The Blackwater River State Forest (Forest) is one of the largest state forests in Florida. The Forest provides access to the Sweetwater-Juniper Creek Designated Paddling Trail, numerous equestrian and hiking trails and an Off-Highway Vehicle (OHV) Area is being developed.

The Blackwater River State Park, which oversees management of the BHST, includes a recently renovated campground. The Park is designated as part of Florida's Greenways and Trails System and is a Registered State Natural Feature in 1980 for its "exceptional value in illustrating the natural history of Florida." It is located 15 miles northeast of Milton. In 1982, one of the Park's Atlantic white cedars was designated Florida Champion, the largest of its species.

Carpenter Park (a neighborhood park), Russell Harbor Landing (a dog park) and Hawkins Recreational Park (fully accessible park) are managed by the City of Milton.

Coldwater Creek Designated Paddling Trail (CCPT) is a 19-mile paddling trail just north of the BHST, extending from State Road (SR) 4 to County Road (CR) 191. The remains of a historic bridge are visible from the CCPT at the Old Steel Bridge access. Several other historic structures have been moved to Adventures Unlimited and restored as lodging.

The Florida National Scenic Trail (FNST) passes 3.5 miles east of Milton, utilizing a portion of the Florida State Road One, "Old Brick Road," circa 1921. Florida's first paved highway parallels U.S. 90. This five-mile trail is known as the Historic Old Spanish Trail (HOST). The eastern terminus of the HOST connects to the Longleaf Trail, which connects multiple public lands to the north, including the Blackwater Wildlife Management Area (BWMA) Hutton Unit, the Blackwater River State Forest (BRSF) and the Blackwater River State Park (BRSP). These trails also provide access to part of the Great Florida Birding Trail. Portions of the Longleaf Trail parallel and are crossed by the FNST. Once funding is secured sidewalks/bike lanes will connect HOST visitors to Riverwalk Park in Milton. Milton is designated as a Florida Trail Gateway Community. Like the Longleaf Trail, the FNST connects the BWMA, the BRSF and the BRSP. FNST visitors heading south cross U.S. 90 and continue along the Yellow River Ravines Trail into the Yellow River Water Management Area (WMA), which is owned by the Northwest Water Management District. Less than eight miles from the BHST, the Yellow River WMA includes access to the designated Yellow River State Canoe Trail.

Civic lands near the BHST include: the Milton Community Center, 5629 Byrom Street; the Milton Fire Department Station Number 23, located at 5321 Stewart Street and the Milton Library Branch, 5541 Alabama Street.

Public schools in the vicinity of the BHST include: Berryhill Elementary School, 4900 Berryhill Road; King Middle School, 5928 Stewart Street; Locklin Voc-Tech, 5530 Berryhill Road; Milton High, 5445 Stewart Street; Pensacola State College, which includes a University of Florida branch campus, 5988 Highway 90; T.R. Jackson Pre-K Center, 4950 Susan Street; W.H. Rhodes Elementary, 800 Byrom Street. Future connections to the Trail could help implement Safe Routes to Schools.

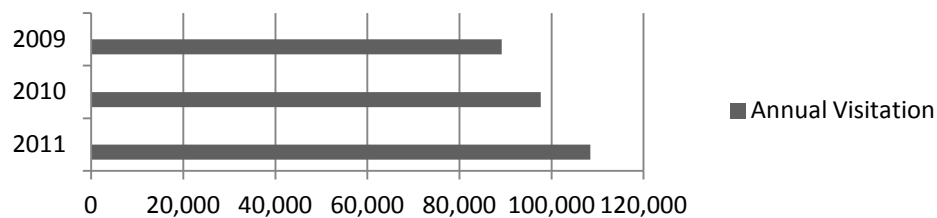
The BHST is neither located in or near an Aquatic Preserve as designated under Florida Aquatic Preserve Act of 1975 (Section 258.35, F.S.). The BHST is not within an Area of Critical State Concern (ACSC).

**D. Regional Significance**

The major components of the Florida Statewide Greenways and Trails Program are established by a legislatively adopted plan. The Florida Greenways and Trails System (FGTS) is made up of existing, planned and conceptual trails and ecological greenways that form a connected, integrated statewide network. The FGTS serves as a green infrastructure plan for Florida, tying together the greenways and trails plans and planning activities of communities, agencies and non-profits throughout Florida. The BHST is identified within a Land Trail Priority Corridor and provides connectivity to non DEP managed lands (Map 1.5). The portion of the BHST that provides public access was formally designated as part of the statewide Florida Greenways and Trails system on January 22, 2002, and has the additional distinction of being recognized at the national level. The United States Secretary of the Interior designated the BHST as a National Recreational Trail® in June, 2010.

The BHST provides recreational opportunities and transportation choices, as well as eco-tourism opportunities for residents and visitors in the county seat, Milton, of Santa Rosa County. Milton was incorporated in 1844. The increased tourism opportunities afforded by the BHST provides many economic development opportunities for the area. In 2010, the U.S. Census estimated the total population of Santa Rosa County as 151,372. In 2007, the Director of the Office of Greenways and Trails requested benchmarking assistance from the Office of Inspector General, Program Review and Improvement Section (PRI) on trail visitor counting methodologies. On June 16, 2008, PRI staff concluded that the counting system used to assess trail use is comparable to the industry standard, as established by the United States Forest Service. Annual BHST visitation in 2011 was 108,416, in 2010 was 97,624 and in 2009, visitation was 89,151.

**Chart 1: Annual Visitation**



Economic development of the Region, that includes Bay, Escambia, Holmes, Okaloosa, Santa Rosa and Walton counties, is supported by the West Florida Regional Planning Council (WFRPC). The West Coast Regional Planning Council supports the implementation of seamless and safe multimodal facilities and services in the transportation network by coordinating across agencies and integrating planned transit, pedestrian and bicycle facilities with roadway widening projects, intersection improvements and resurfacing projects. The WFRPC strives for facilities that include marked crosswalks, intersection improvements that enhance pedestrian safety, multiple use trails, bicycle lanes and secure bicycle parking. Regionally, the BHST implements multimodal facilities and services, improves transportation choices, reduces congestion and reduces per

capita greenhouse gas emissions. DRP will continue to provide planning assistance to implement the connected system of trails.

Locally, the BHST implements the community's vision which includes the preservation of open space and the linkage of community areas/destinations with a greenway and trail system (Map 1.5). Santa Rosa County's vision includes extending the BHST south to the Bagdad Mill Site via the Bagdad Heritage Trail. The Bagdad Mill Site is being developed with a trail along the river and will serve as a trailhead for the growing regional trails system. To close the gap between the existing BHST and the Bagdad Mill Site, the County is working with the Northwest Florida Water Management District and private land owners that are willing sellers, as indicated by the approved OGT Acquisition work plan. Historically, the BHST was developed by the Florida and Alabama Railroad (F&ARR) for the timber industry that dominated the landscape. Eastward, Santa Rosa County is working to close the gap between the Historic Old Spanish Trail (HOST) and the BHST. With the exception of the existing State ownership, the developing trails in the region will be managed by other entities.

#### **E. Purpose and Scope of Plan**

This document represents the ten-year update to the BHST land management plan that was approved in 2001. Serving as the basic statement for policy direction, this document replaces the 2001 Management Plan in its entirety. This Management Plan (Plan) outlines the setting, resource management and operational constraints of the property. The location, land acquisition history, nearby public lands and designated water resources and regional significance are discussed in Section I. Section II provides an overview of the existing resources on the property while Section III outlines public use of the property. The management strategy is addressed in Section IV which outlines the goals and objectives for the general management of the property, including policies, the purpose and intended use of the property and overall guiding principles and actions.

The characteristics of the existing Trail, the Murphy Act lands and the Tract are quite different. All development and resource alteration encompassed in this Plan are subject to the granting of appropriate permits, easements, licenses and other required legal instruments. Approval of the Management Plan does not constitute an exemption from complying with the rules and regulations of the appropriate local, state or federal agencies.

## **II. NATURAL, CULTURAL AND HISTORICAL RESOURCES**

#### **A. Climate**

The BHST has a subtropical climate. The National Climatic Data Center (NCDC) maintains a station in Milton. Data from 1971-2000 (Appendix D) shows that June, July and August are the warmest months, with a mean, daily temperature of 81°F. The hottest day was in July, 1952, at 104°F. December, January and February are the coldest, with a mean, daily temperature of 51°F. The coldest day was in January, 1985, at 3°F. Typically, July is the wettest month and October is the driest month. Climate change should not impact archaeological or historical resources.

## B. Area Physiography

### *Topography*

The overall topography of the linear Trail is relatively flat. Occasionally, a gentle rise in elevation will be noted. Significant vegetative differences can be seen in an elevation difference of only a few feet. The Murphy Act land is also situated in a low lying, bog area. The topography of the 126.87-acre, Tract, moderately slopes from north to south with elevations ranging from 130 feet above sea level on the north side to less than ten feet above sea level on the south side along Clear Creek.

### *Geology*

This property lies within the Gulf coastal plain, which is a broad belt consisting of primarily unconsolidated sands, silts and clay. Santa Rosa County is divided into two physiographic divisions. The Geomorphology of the northern portion of the BHST is Western Highlands. The Geomorphology of the southern portion of the BHST is Gulf Coastal Lowlands. The majority of the property is drained by the Blackwater River, which is within the Western Highlands.

### *Soils*

*Table 1: SSURGO SOILS > 700 acres within ½ mile of the property*

Composition Name	Acreage
Pactolus	693
Troup	600
Bibb	440
Lakeland	431
Rutlege	384
Bonifay	187
Albany	120
Dothan	120
Kalmia	87
Lynchburg	83
Rains	65
Fuquay	59
Lucy	41
Escambia	35
Johns	28
Dorovan	20
Urban Land	7
Water	5
Orangeburg	4
Pits	2

As illustrated by Map 2.1 and listed in Table 1, the composition of the soils found along the BHST are largely poorly to very poorly drained, acidic soils. These soils are wet to flooded most of the year. Historically much of the area was probably a system of pitcher plant bogs. Major soil groups along the linear Trail include Pactolus, Rutlege and Bibb associations. Troup associated soils dominate the Tract. According to the Whiting Field Buffer Tracts Phase I Environmental Site Assessment (ESA) Update, that was conducted December 29–January 2, 2009, by PBS&J for the Nature Conservancy, “they (the soils) are predominately sandy with the exception of areas



adjacent to Clear Creek, where the soils are loamy.” The ESA indicated: there was no evidence of a current or past potable water supply system or sewage system observed; no storage tanks, containers, drums, strong odors, or sheen on standing water observed; no evidence of old electric transformers or other items that may contain Polychlorinated Biphenyl (PCBs) were observed; no pits, ponds, lagoons, stained soil, stressed vegetation, solid waste, or waste water streams observed; nor were monitoring wells or potable wells observed.

*Water Resources, Hydrology, Water Management: Swamps, Marshes or other Wetlands*

Northeast and south of Milton, the BHST crosses Palustrine forested wetlands (Map 2.2). Most, if not all of the area, drains into the Blackwater River. Most of the drainage occurs by slow draining of excess water toward the river from the wet, sometimes saturated, soils. As depicted on Map 2.3, the Blackwater River is designated as Outstanding Florida Waters (OFW), classified pursuant to Chapter 62-302, Florida Administrative Code (Appendix C). The Trail crosses several creeks that are part of the watershed, which connects to the lands managed by the Northwest Florida Water Management District as part of the Blackwater River Water Management Area (Map 1.5). These lands are mainly clustered in the lower Blackwater River and lower Pond Creek. There is a seepage bog along the lands acquired through the Murphy Act and the land often floods. Clear Creek traverses the southwestern portion of the Tract (02N28W14).

Construction of the railway berm, that eventually became the BHST, affected the surface hydrology due to the excavation and filling necessary to achieve the proper grade and alignment of the rail corridor. Material was used to fill the wetlands and build a raised bed of substrate on which to place the railroad. This raised bed of substrate has caused some disruption in the natural flow of surface and groundwater. Today, ditches divert surface water, primarily rainfall, towards wetlands. Nine bridges and additional culverts have been installed where the BHST crosses wetlands.

**C. Natural Communities**

The system of classifying natural communities employed in this Plan was developed by the Florida Natural Areas Inventory (FNAI). The premise of this system is that physical factors, such as climate, geology, soil type, hydrological features and fire frequency generally determine the species composition of an area, and that areas which are similar with respect to these factors will tend to have natural communities with similar species compositions. Obvious differences in species composition can occur, despite similar physical conditions. As provided by the Florida Fish and Wildlife Conservation Commission (FWC), Appendix E-7 and E-14 provide detailed Land Cover Maps. FWC indicates that the BHST is Strategic Habitat Conservation Area for Cooper’s hawk (*Accipiter cooperii*), the Swallow-tailed kite (*Elanoides forticatus*) and the Reticulated flatwoods salamander (*Ambystoma bishop*) (Appendix E).

Due to the historic use of the linear Trail as a railroad, comprised of compacted soil and ballast usually flanked by parallel drainage swales, the adjacent power line, roads and multiple at-grade road crossings, the natural resources are limited. The historic railroad bed on which the Trail now lies is situated mainly in flatwood and bog areas. The Trail itself is considered developed. The natural communities along the Trail are generally fragments, only functioning as a natural community in conjunction with the adjacent lands, much of which are in private ownership. Due to their size, shape and position in the landscape, these remnant fragments are generally in poor condition. Within the City limits of Milton, the natural sandhill type vegetation and wetland areas have been converted into cultivated yards, exotic hedgerows and shade trees. The natural

areas along the northern portion of the Trail were replaced by pine plantations. The Blackwater Heritage Trail Citizen Support Organization (CSO), Inc. (Appendix F) worked with management to reestablish native trees along the Trail corridor. With the exception of the trees the CSO have reestablished, the groundcover near the Trail includes fragile wetlands where native wildflowers are prolific. The area outside the portion that is mowed along the Trail, are recovering ruderal.

There are limited intact natural communities along the land acquired through the Murphy Act. In addition to being bisected by an active CSX railway and utility line, it was planted in Slash pine (*Pinus elliottii*). The seepage stream that bisects the property has inundated the acreage, resulting in the death of the majority of the planted pine and Longleaf pine (*Pinus palustris*) and the reemergence of Water oak (*Quercus nigra*), Live oak (*Quercus virginianus*), Red maple (*Acer rubrum*), Sweetbay magnolia (*Magnolia virginiana*) and Yaupon holly (*Ilex vomitoria*).

Clear Creek traverses the southern part of the 126.87-acre Clear Creek/Whiting Field addition. An extensive biological assessment was prepared for the land within the larger proposal under the Florida Forever Program: see Clear Creek/ Whiting Field Evaluation Report, May 2004, prepared by the Acquisition and Restoration Council Liaison Staff and Florida Natural Areas Inventory. The riparian areas adjacent to Clear Creek are a mix of hardwood and pine. The majority of the Tract is Coniferous Plantation. The method of planting (bedding) has severely altered the natural communities.

Illustrated by Map 2.2, the Executive Summary lists the acreage of the Cooperative Landcover (FNAI, 2010) within the property boundary. The following natural communities occur throughout the property boundary:

**Bog**—the property intersects a number of small bogs. Large numbers of at least four species of pitcher plants, different sundews and lilies occur in these areas as do dwarf salamanders, little grass frogs, banded water snakes and cottonmouths. Management works to control invasive plants. Shade bearing species including titi, sweetbay and wax myrtle are found here.

**Baygall**—occurring along seepage streams, particularly in and around Clear Creek, the Murphy Act Land and in bog areas that have been fire excluded, the baygall communities can be found. Atlantic white-cedar can be found in this community. In many cases, it is associated with bog and wet flatwoods. FNAI has documented Panhandle lily (*Lilium iridollae*) in the open, marshy edge of baygall communities.

**Wet flatwoods**—as with other communities within the former railroad corridor, the community is represented as short thin strips of habitat located intermittently along the Trail. More longleaf and slash pine are found in this community. Pitcher plants, orchids, lilies, and sundews are also found here.

**Seepage streams**—these watercourses originate from shallow ground waters that have percolated through deep, sandy, upland soil. The most significant example, Clear Creek, is a perennial, clear watercourse that typically has year round flow. The lands acquired through the Murphy Act are generally inundated. Some of the other streams may not flow during periods of drought. Pitcher plants are found along the seepage streams, especially near the power line.

#### **D. Forest Resources**

Due to the linear configuration of the Trail, there are not any notable timber resources. Prior to state ownership, the lands acquired through the Murphy Act were planted in Slash pine (*Pinus elliotii*). However, the seepage stream that bisects the property has inundated the acreage and the majority of the planted pine and Longleaf pine (*Pinus palustris*) have died. The opposite is true for the property acquired as part of the 126.87-acre Tract, where prior to state ownership, planted pine was harvested and replanted for commercial density across the majority of the Tract. The pine is not of merchantable size.

#### **E. Mineral Resources**

There are no known minerals of commercial value within the property boundary; however, there has never been an official survey for mineral resources.

#### **F. Listed Species**

Several designated species are known to occur in wetland areas of the Trail. FNAI (Appendix B) and FWC (Appendix E) provided information about listed species. Designated plant species known to occur within or adjacent to the property boundary include: Sweet pitcher plant (*Sarracenia rubra*), White topped pitcher plant (*Scarracenia leucophylla*), Purple pitcher plant (*Scarracenia pupurea*), Parrot pitcher plant (*Scarracenia psitticina*) and Panhandle lily (*Lilium iridollae*). Designated reptile species known to occur within or adjacent to the property boundary include the Gopher tortoise (*Gopherus polyphemus*) and the Reticulated flatwoods Salamander (*Ambystoma bishop*). It should be noted that as with the initial management plan, the USFWS Critical Habitat Final Rule (February 2009) indicates the BHST is also Critical Habitat for the Frosted flatwoods salamander (*Ambystoma cingulatum*). FWC clarified that the Trail is Critical Habitat only for Reticulated Flatwoods Salamander (*Ambystoma bishop*) because the Frosted flatwoods salamander (*Ambystoma cingulatum*) does not occur west of the Apalachicola River (Appendix E). Designated birds known to occur within or adjacent to the property boundary include: Great egret (*Ardea alba*), Little blue heron (*Egretta caerulea*), Snowy egret (*Egretta thula*), Tricolored heron (*Egretta tricolor*), Merlin (*Falco columbarius*). According to FWC, much of the property traverses a Priority 3 Strategic Habitat Conservation Area which is suitable for Cooper's hawk (*Accipiter cooperii*) and Swallow-tailed kite (*Elanoides forficatus*).

#### **G. Invasive/Exotic/Non-Native Species and Problem Species**

Invasive/exotic species are those plants or animals which are not native to Florida, but were introduced as a result of human related activities. They have fewer natural enemies and may have a higher survival rate than do native species. They may also harbor diseases or parasites that significantly impact nonresistant native species. Thus, the policy is to remove exotic species.

Chinese tallow (*Triadica sebifera*) and Chinese privet (*Ligustrum sinense*) are the most significant threat as far as exotic species are concerned. Other exotic species include: Mimosa, a member of the legume (*Fabaceae*) plant family, Japanese climbing fern (*Lygodium japonicum*), Camphor tree (*Cinnamomum camphora*) and Cherry laurel (*Prunus laurocerasus*). Constant re-infestation from adjacent properties makes removal and control of invasive exotics a perpetual job. Staff will continue an aggressive exotic removal program which reduces the threat of exotics.

Feral animals, including cats and hogs, have been seen on site and are incompatible with human activities. Foraging activities of the wild hogs are also ecologically destructive to the vegetative

communities. Other problem species such as hornets, yellow jackets, biting flies, fire ants and mosquitoes have also been encountered.

**H. Archaeological, Cultural and Historical Resources**

The Florida Department of State (DOS), Division of Historical Resources (DHR) was contacted during development of this Plan. A review of the Florida Master Site File (FMSF) records was conducted. The FMSF provided a list and a map of recorded resources within/adjacent to the property boundary (Appendix G). Map 2.4 illustrates other historical resources within the vicinity of the BHST. The BHST represents a chapter of history, the railroad upon which the Trail is aligned, is unrecorded with the FMSF. In fact, the FMSF records did not include any sites or resources within the state’s ownership. The Trail forms the western boundary of the Milton Historic District (SR00394), which was listed on the National Register of Historic Places (NRHP) on November 12, 1987. Although the Trail is located along the historic Florida and Alabama Railroad (F&ARR), it was not recorded as a contributing resource for the NRHP listing. The FMSF indicates that the Trail is adjacent to the Magaha-Rivanbark House (SR 00536) at 501 Berryhill Street, SR 00536 is a contributing resource to the Milton Historic District. The NRHP documentation indicates that structures on Berryhill Street are the oldest in the Historic District. The DOS, Bureau of Historic Preservation notes railroad corridors can qualify for NRHP if elements, proportions and the character, such as trestles of a railroad bed remain. However, a flat/level route that has been graded, adjusted for standard lane widths and that looks and feels like a “sidewalk” does not convey the character of a railroad. In addition to assuring the integrity of resources in NRHP, nominations include the historical significance of the resources. Table 2 represents the known resources and their condition within the boundary of this management unit.

*Table 2: Archaeological, Cultural and Historic Resources*

Site Name/ FMSF #	Culture/Period	Description	Significance	Condition	Treatment
Florida and Alabama Railroad (F&ARR)/ <b>To be recorded</b>	20 <sup>th</sup> Century American 1900 – Present	Resource Group	Locally Significant	Good	Preservation

**I. Scenic Resources and Unique Natural Features**

The scenic resources of the BHST exist along the wetlands, the Trail crossing of Clear Creek, the southwest portion of the Tract which includes frontage along Clear Creek and along the seepage stream that bisects the lands acquired through the Murphy Act. No other unique natural features, such as coral reefs, natural springs, caverns, large sinkholes, virgin timber stands are known to exist on the property; nor are there any beaches or dunes.

**J. Outstanding Native Landscapes**

No outstanding native landscapes containing relatively unaltered flora, fauna or geological conditions are known to exist within the property boundary.

### III. USE OF THE PROPERTY AND PUBLIC INPUT

#### A. Past and Current Use of the Property

The Blackwater Heritage State Trail follows the path of the historic Florida and Alabama Railroad (F&ARR). Built in the early 1900s, the original rail line transported lumber, passengers and freight for the Bagdad Land and Lumber Company until the Bagdad mill was closed in 1939. In 1943, the federal government purchased the corridor, beginning at its junction with the L and N Railroad to Roeville, Florida and extended the tracks four miles to NASWF. The line was used during construction of the base and later used primarily for hauling aviation fuel to the base. The rail corridor was decommissioned by the Navy in the 1970s. In 1993, the State of Florida received title, by donation, from the United States Department of the Interior's Federal Lands to Parks Program.

Maps 1.2 and 1.3 illustrates the existing facilities along the 12-foot-wide, paved/asphalt, multiple use trail that occupies the centerline of the rail berm. Adjacent to the paved trail is a natural surface equestrian trail. Section IV provides a more detailed description of the facilities. The oldest portion of the BHST opened in October, 1998. On October 29, 2008, the second phase of constructed trail, including the Southern Trailhead, Old Highway 90, opened. The expansion to the Visitor Center Trailhead, which includes additional parking, picnic facilities, a playground and a secured location for equipment storage, occurred on the land acquired from Mr. and Mrs. Mynhier (Lease 4024-02). After the state acquired the property, the single family home that was owned by Mr. and Mrs. Mynhier was demolished.

There is currently no legal access to the Tract (Lease 4024-03). Prior to state ownership, the property was acquired by the Nature Conservancy in 2006. Prior to their ownership the land was planted in silviculture, harvested and replanted by multiple paper companies. Today this Tract is predominantly planted pine. It buffers NASWF and protects the base from incompatible encroachments. Due to the lack of legal access, management has been unable to initiate Interim Management Activities in accordance with the "List of ARC/Division of State Lands Approved & Potentially Approved Interim Management Activities."

There is currently no legal access to the lands acquired through the Murphy Act (Lease 4024-01). Prior to state ownership, the property was in private ownership and planted in pine. Usually inundated by the seepage stream, the majority of the pine trees have died. Like the Tract, management has been unable to initiate Interim Management Activities because of the lack of legal access.

The use and development of the Trail are consistent with the purpose of the acquisitions and the funding source for the improvements. The paving of the Trail was funded through Transportation Enhancement (TE) funds. TE projects are federally subsidized, community based projects that expand travel choices and enhance the transportation experience by improving the cultural, historic, aesthetic and environmental aspects of our transportation infrastructure. Funding for TE was provided by the Federal Highway Administration (FHWA), Highway Trust Fund's Surface Transportation Program which receives revenue from gasoline, diesel and truck user taxes. In Florida, TE funds are administered by the Florida Department of Transportation (FDOT), Environmental Management Office. In 2012, Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced TE activities with the Transportation Alternatives Program (TAP). Due to the funding source, the BHST is not available for motorized use. Law enforcement actions

for driving a vehicle are stated in 62D-2: Operation of Division Recreation Areas and Facilities. The FHWA has established a policy of consistent framework for determining when to permit an exception for motorized use on non-motorized trails and pedestrian walkways under 23 U.S.C. § 217(h). Motorized vehicles utilized for management activities, emergency services and law enforcement are permitted throughout the management unit. As funding for trail development was obtained through FHWA, 23 U.S.C. § 217 will be adhered to when reviewing motorized uses on the Trail.

TE funding stipulates that the bicycle/pedestrian facilities must be supported by a local or regional plan where applicable; facilities and their features must be available and accessible to the general public during hours of operation; and must meet or exceed standard provisions for the safe accommodation of non-motorized users. The design requirements are established in the following documents:

- American Association of State Highway Transportation Officials (AASHTO): Guide for the Development of Bicycle Facilities;
- FDOT Florida Bicycle Facilities Planning and Design Handbook;
- FDOT Pedestrian Facilities Planning and Design Handbook;
- Manual on Uniform Traffic Control Devices (MUTCD);
- Americans with Disabilities Act Architectural Guidelines; and
- FDOT Plans Preparation Manual.

Equestrian trail improvements are developed in accordance with the United States Department of Agriculture's "Equestrian Design Guidebook for Trails, Trailheads and Campgrounds," which was funded by the Recreational Trails Program of the FHWA.

#### **B. Existing and Future Land Use Surrounding the Property**

Located primarily within the Conservation/Recreation Future Land Use category, the use and function of the BHST complies with the Santa Rosa County Comprehensive Plan 2008-2025 (Appendix H). Future land use (Map 2.5) along the BHST includes: Agriculture, Residential, Military and Commercial. The linear Trail crosses multiple public rights-of-way. Extending through urban and rural terrain, the Trail visitors are provided with an opportunity to safely move between various land uses. The Trail and future trail connections enhances aspects of the community. OGT notes the importance of including bicycle/pedestrian/equestrian facilities within the design plans of future development and supports non-motorized connectivity to the existing Trail. Specifically, dedicated shared use paths/trails provide the optimum setting for the safe and efficient use of non-motorized modes of transportation through master planned residential communities and commercial centers. Trails are in high demand among homebuyers. Nationwide, proximity to trails is the number one amenity that prospective homebuyers seek in a community when buying a home (National Association of Homebuilders, 2008). Large scale development projects continue to represent one of the most promising opportunities for public/private partnerships aimed at furthering Florida's expansion of an interconnected statewide system of trails. The Trail serves a vital role as the community implements "complete streets." Complete streets accommodate all modes of travel and provide choices to the people that live, work and travel on them. The Trail and a network of complete streets, improves the safety, convenience, efficiency and accessibility of the transportation system. The DEP will continue to monitor and provide input on the design plans for the FDOT project that includes widening and extending State Road 87. Ongoing close coordination is necessary to ensure that

the road project does not impose any avoidable adverse impacts on the BHST and that any road crossings of the BHST are located and designed so that they are agreeable to DRP.

Table 3: Future Land Use within ½ mile of the property

Description	Acreage
Agriculture	2282
Single Family	846
Commercial	181
Military	101

**C. Existing/Proposed Use of the Property – Single Use/Recreation**

The BHST is managed as a single use property to provide public recreation and alternative transportation opportunities consistent with the protection of natural resources. The existing and planned uses of the property are consistent with the purpose of the acquisition. The design of the Trail allows for balanced public utilization. Management may establish operating conditions needed for the safe operation of the facilities. Management uses strategies to protect and enhance the natural communities and features. Additional uses of the property for mining, silviculture, range management or other consumptive purposes, where not prohibited by legal restrictions, will be evaluated on a case by case basis for compatibility.

On October 4, 2010, Easement Number 32207 was granted to the City of Milton (the City) for the establishment of a 0.099-acre, trailside rest area known as Heritage Plaza (Map 1.7) by the Board of the Internal Improvement Trust Fund of the State of Florida (Trustees). As described in the Easement, the City was responsible for supplying and planting centipede sod (*Eremochloa ophiuroides*) and Dwarf Yaupon Holly (*Illex vomitoria*). The Dwarf Yaupon Holly was spaced approximately four feet around the perimeter of the plaza. The City maintains the plantings by watering, weeding and fertilizing as needed. Trimming of the native plants is the responsibility of the Trail Manager.

As described in the Lease Number 4024 (Appendix A) excepted from the conveyance (of the 96.475-acres represented in the parent lease) and reserved in to the Grantor (United States of America), and its assigns, all oil, gas, and other minerals in, under and upon the lands conveyed, together with the rights to enter upon the lands herein conveyed, together with the rights to enter upon the land for the purpose of mining and removing the same.

Obtaining legal access to the Tract and the lands acquired through the Murphy Act is essential to establishing use of the parcels. When the Trustees accepted the deed to the parcel acquired through the Murphy Act, management envisioned connecting the existing Trail to an interpretive boardwalk through the bog community that traverses the parcel. Over time, the timber on the Tract will be harvested. After harvesting the timber, the property will be restored to a more natural state. As described by FNAI (Appendix B-26) this Tract serves to protect the conservation landscape adjacent to NASWF. There is a provision for interpretive and recreational activities consistent with resource protection, including development of a multiple use loop trail surrounding NASWF and connecting to the northern terminus of the existing BHST and the protection of archaeological and historical sites. The Tract is part of the loop trail being developed by regional partners. DRP is interested in entering into a sublease agreement for management of the Tract. The St. Regis Paper Company previously granted a flight clearance easement to the United States of America (USA) on June 12, 1979, per the easement deed

recorded in OR Book 481, at page 831. According to the DSL Appraisal Maps, the easement encumbers 0.7 acres and is confined to the northeast corner of the Tract. With this easement, the USA has the perpetual right to clear and keep clear and to prohibit the future erection of structures in the air space above the subject section of the property of any man-made or natural obstruction extending above the glide angle plan, which varies from 16.2 to 27.8-feet above ground. The USA also has the right of ingress and egress and passage on and over the land for the purpose of exercising easement rights.

As indicated in the Trustees' Agenda Item, dated October 28, 2008, in 2006, the Department of the Navy (Military) and DEP entered into a memorandum that provides that 1) if the state buys certain lands around Whiting Field; and 2) if the Military chooses to contribute 25 percent of the purchase price for the fee simple interest in the lands; then 3) the state will place specific restrictive covenants on any parcels located in the Clear Creek/Whiting Field Florida Forever Project. Accordingly, below is a list of the proposed restrictions that were identified in the Trustee's Agenda Item:

- Human Habitation – Transient accommodations, such as cabins and tents, with a limited density of 25 people per acre;
- Setbacks – no structure, except trail shelters or fencing, may be located within 50 feet of the property line abutting Military installations;
- Height Restrictions – Buildings and structures are limited to a height of 30 feet or less without Military approval;
- Lighting – No direct lighting will be emitted above the horizontal plane. Lights, such as streetlights, must be angled downward;
- Other Operations and Training Hazards – Must have Military approval for anything that may cause training or operations hazard, such as prescribed burns, bird feeding station or waterfowl congregation;
- Construction – Any construction must be approved by the Military 60 days prior to commencement and the Military has 30 days from receipt to approve or disapprove;
- Noise and Other Effects of Air Operations – The State waives the right to sue due to noise, vibrations, fumes, dust and fuel particles that may be caused by aircraft operation from the Military installation; and
- Property Interests – If the Military chooses to exercise its right of eminent domain, the State shall receive just compensation. If the restrictions are found to be unenforceable and both parties cannot agree on an amendment, or the Military installation does not require the continued encumbrance, the State will refund the Military its 25 percent contribution in exchange for a release of restrictions.

The Blackwater Heritage State Trail, Inc., the Citizen Support Organization (CSO), operates a concession at the Visitor Center where snack and souvenirs can be purchased. Other proposals for concessions, that have the potential to enhance the BHST, will be employed on a case by case basis.

#### **D. Impact Assessment of Planned Use of the Property**

All future facilities will be designed and constructed using best management practices to avoid impacts to renewable or nonrenewable resources and to mitigate those which cannot be avoided. All federal, state and local permit and regulatory requirements are met by the final design of these projects. Low impact development techniques will be utilized in future developments. Limited clearing and the use of the previously impacted areas will allow minimal



disturbance on the existing resources. Staff will monitor resources and public use of the BHST. Section IV provides additional information regarding baseline studies that will be undertaken and actions to be implemented during the span of this management plan.

#### **E. Public Involvement**

Public involvement is critical to ensuring that residents embrace the BHST and that it is an integral part of the communities it traverses. Since adoption of the original Plan, the BHST has gained in popularity with trail enthusiasts and is valued by its nearby communities and governmental entities. The CSO has remained involved on actions affecting the BHST. Management maintains ongoing communications with interested citizens, visitors and local, state and federal partners within the geographic area to facilitate the needs of trail users, partner agencies, governments, organized groups and citizens. Pursuant to Section 259.032(10), F.S., the management plan was developed with input from an advisory group. Announcement of the Public and Advisory Group meetings was included in the Florida Administrative Weekly Volume 38, Number 17, April 27, 2012. On May 24, both meetings were announced at the regularly scheduled meeting of the Santa Rosa County Board of County Commission. Appendix I includes information related to the input received and actions taken for inclusion in this Plan.

### **IV. MANAGEMENT ISSUES, GOALS AND OBJECTIVES**

Central to the management of the BHST is the mission of the Florida State Park System, which is to provide resource-based recreation while preserving, interpreting and restoring natural and cultural resources. The desired outcome and overall goal of the management of the BHST is work with partners to provide access to a growing recreational trails network while enhancing, protecting and interpreting the natural and cultural resources within the property boundary and to provide adjacent land use compatibility to protect the mission of the United States Naval Air Station Whiting Field. The trails network expands healthy transportation alternatives while connecting people and communities to enhance economic development through tourism in the West Florida Region.

When Senate Bill 542 became law in 2008, its primary purpose was to standardize and quantify planning for conservation land management across all managing agencies to the greatest extent possible, thereby making efforts to measure performance and aggregate data far more efficient. Codified within Section 253.034(5), F.S., the law requires all conservation land management plans to include eight common overarching goal categories, with each goal category being further segmented into a series of measureable/quantifiable objectives. An interagency working group developed a standard set of 32 objectives with broad applicability to most every management unit within the State's inventory of conservation lands. Together, these common goals and "core" objectives are to be included in every management plan, even if identified as Not Applicable for certain management units. Over the course of the ten-year planning horizon, objectives are accomplished through a series of customized activities also delineated in each management plan. Objectives are typically identified as either short-term (two years) or long-term (ten years). Some of the common goals and core objectives are not applicable to the BHST, but all are addressed in this section. Management goals and objectives will be measured through a comparison of target values versus the actual accomplishments every two years in the Biennial Land Management Operational Report to the Land Management Uniform Accounting Council (LMUAC). The statutory requirements of Section 253.034(5)(c)(4), F.S., call for a summarization of the budget to be provided using the Goals, Objectives and Activities categories. The statutory requirement of Section 253.034(5)(c)(5), F.S., requires that a budget be provided based on the LMUAC categories. A budget and

timeline relating to these goals, objectives and activities which meets the requirements of Sections 253.034(5)(c)(4) and 253.034(5)(c)(5), F.S., can be found in Appendix J.

While, DRP uses the ten-year management plan to serve as the basic statement of policy and future direction for the management unit, a number of annual work plans provide more specific guidance for DRP staff to accomplish many of the resource management goals and objectives. Where such detailed planning is appropriate to the character and scale of the management unit's natural resources, annual work plans are developed for prescribed fire management, exotic plant management and imperiled species management. Annual or longer-term work plans are developed for natural community restoration and hydrological restoration. The work plans provide DRP with crucial flexibility in its efforts to generate and implement adaptive resource management practices in the state park system.

The work plans are reviewed and updated annually. Through this process, DRP's resource management strategies are systematically evaluated to determine their effectiveness. The process and the information collected is used to refine techniques, methodologies and strategies, and ensures that prescribed management actions are monitored and reported as required by Chapters 253.034 and 259.037, F.S.

The goals, objectives and actions identified in this management plan will serve as the basis for developing annual work plans for the management unit. It is important to note that over 130 acres of this management unit lacks legal access. As management does not have access, the condition of that acreage is not included in the reference data (Objectives) reported to LMUAC. The ten year management plan is based on conditions that exist at the time the Plan was developed, and the annual work provide the flexibility needed to adapt to future conditions as they change during the ten year management planning cycle. As the annual work plans are implemented through the ten-year cycle, it may become necessary to adjust the management plan's priority schedules and cost estimates to reflect these changing conditions.

#### **A. Goals, Objectives and Activities**

The lands acquired through the Murphy Act in 2007 and those acquired as the Clear Creek/Whiting Field Tract in 2010, were not included in LMUAC reports because they lack legal access. The reference data (Objectives) reported to LMUAC will be updated when legal access is secured and data is collected.

#### **Habitat Restoration and Improvement**

- ***Goal 1: Improve and maintain natural communities and natural habitats.***
  - Objective 1.1 (Core) – Prescribe burn 0 acres per year. (Note: This reference number may change when legal access is secured to the inaccessible acreage.) [2012-2022]
    - Activity 1.1.1 – Update the prescribed burn plan to determine the total number of burnable acres and the target fire return interval. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable. The update will occur when legal access is secured to the inaccessible acreage.) [2012-2014]
  - Objective 1.2 (Core) – Maintain 72 acres per year within the target fire return interval. (Note: This reference number may change when legal access is secured to the inaccessible acreage.) [2012-2022]

- Activity 1.2.1 – Manage fire dependent communities for ecosystem function, structure and processes by implementing the prescribed burn plan and annually document the total number of acres within the target fire return interval.
- Objective 1.3 (Core) – Conduct habitat/natural community restoration on 70 acres. (Note: This reference number may change when legal access is secured to the inaccessible acreage.) [2012-2022]
  - Activity 1.3.1 – Update the natural community improvement plan/baseline report/study of the property to determine acreage requiring habitat/natural community improvements or restoration, including timber harvest for forest stand thinning, delineate protection zones and target areas. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable.) [2012-2022]
  - Activity 1.3.2 – Implement a natural community improvement plan by removing overgrown understory vegetation or undesirable successional species where necessary while annually documenting the total number of acres with habitat restoration underway and the total number of acres with habitat restoration complete. [2012-2022]
- Objective 1.4 (Core) – Conduct timber harvest for the purpose of habitat restoration on 0 acres. (Note: Until legal access is secured to the inaccessible acreage, this Objective is not applicable. This reference number may change when legal access is secured to the inaccessible acreage.) [2012-2022]
  - Activity 1.4.1 – Implement mechanical thinning of stands and annually document the total number of acres of timber harvested. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable.)

### **Public Access and Recreational Opportunities**

- ***Goal 2: Maintain and improve and provide public access and recreational opportunities that promote the agency’s mission, promote healthy lifestyles and increase the public’s appreciation for Florida’s natural and cultural resources.***
  - Objective 2.1 (Core) – Maintain a Level of Service (LOS\*) score of B or higher for the Trail. (Note: An LOS score of B or better for a 12-foot-wide paved trail is defined by Federal Highway Administration (FHWA) as no more than 164 trail users crossing a given point (travelling in one direction) during a given hour. Any usage rate above this figure is likely to increase conflicts between trail users during passing to such an extent as to degrade user enjoyment and safety. If such a threshold is reached, trail managers may need to consider widening the trail or segregating the various types of trail users, e.g. cyclists, inline skaters, pedestrians.) [2012-2022]

*\*Level-of-Service (LOS)* is a scoring system that ranks a given roadway’s ability to handle current traffic volume (usage). If a roadway’s current traffic volume exceeds its carrying capacity, traffic flow may be impeded and unsafe, and that roadway’s LOS score will be low. Conversely, if a roadway’s carrying capacity is greater than the roadway’s current usage (thereby allowing traffic to flow freely and safely) then the LOS score for that roadway will be high. LOS scores are typically awarded on an ordinal “letter grade” scale of A through F, with A representing the highest/best LOS score possible.

In July 2006, the Federal Highway Administration (FHWA) released a report on how to calculate LOS for “shared use paths” (i.e. trails). The centerpiece of the report was a spreadsheet calculation tool that can determine the LOS for a given trail based on basic input data from the trail manager.

According to FHWA, a trail’s carrying capacity (and thus LOS) is primarily a function of trail width and user type (e.g. cyclist, inline skater, pedestrian). Trail user conflicts typically occur during passing (opposite direction meetings and same direction overtakings) – situations largely influenced by trail width. Length is not a factor in determining trail carrying capacity.

Using the FHWA trail LOS calculation tool, a standard 12-foot-wide paved multiple use trail, with an hourly one-way trail user volume of 55-164, (passing a single, precise point on the trail) will receive an LOS score of B. User volume below 55 receives an LOS score of A, while user volume above 164 receives a C or lower.

OGT defines trail carrying capacity as “the trail user volume which will allow a trail to retain an LOS score of B or better.” Consequently, OGT considers all 12-foot-wide trails to have a one-way hourly carrying capacity of 164 (or a daily two-way carrying capacity of 3,936 [164 x 2 (two-way traffic) x 12 (daily number of hours of operation)]).

*Table 4: Level of Service (LOS) Scoring*

Year	Annual Visitation	Average Daily Visitation	Average Users Per Hour	LOS A
2011	108,416	297	25	LOS A
2010	97,624	267	22	LOS A
2009	89,151	244	20	LOS A

- Activity 2.1.1 – Monitor visitation rates. [2012-2022]
- Objective 2.2 (Core) – Develop public access and recreational activities to allow for a recreational carrying capacity of 100 visitors per day, 300 visitors per month and 3,650 visitors per year on the Clear Creek/Whiting Field Tract. (Note: The Optimum Carrying Capacity for Outdoor Recreation Activities on the Tract was determined based on the Land-Based Activity of “General Hiking” assuming five total linear miles [25 acres/mile of trail for acreage of the entire Tract], 10 groups per mile, two per group and two groups per day. The future carrying capacity of the Murphy Act lands is considered a portion of the linear Trail.) [2012-2022]
  - Activity 2.2.1 – Secure legal access to the 2007 and 2010 acquisitions that are included in this management unit. [2012-2022]
  - Activity 2.2.2 – Develop a Recreation Site Plan. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable.) [2014-2016]
  - Activity 2.2.3 – Develop an Outdoor Interpretive Site Plan. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable. This Activity will be implemented by Activity 6.2.2.) [2014-2016]
- Objective 2.3 (Core) Continue to provide two interpretive/education programs. (Note: Interpretive/education efforts on this facility is fulfilled through trailhead/trailside

signage and brochures. The previous Management Plan contemplated four interpretive/education programs, two have been implemented.) [2012-2022]

- Activity 2.3.1 – Continue to provide a trail brochure, trail signage, trail maps and information posted at kiosks.
- Objective 2.4 (Core) – Develop 0 new interpretive/education programs (unless determined otherwise by the Outdoor Interpretive Site Plan in Activity 2.2.3). [2012-2022]
  - Activity 2.4.1 – Work with partners to develop information regarding natural and cultural resources. (Note: To be implemented by Activity 6.2.2.) [2016-2018]

### **Hydrological Preservation and Restoration**

- ***Goal 3: Protect water quality and quantity, restore hydrology to the extent feasible and maintain the restored condition.***
  - Objective 3.1 (Core) – Conduct a hydrological site assessment to identify potential restoration needs. (Note: A hydrological assessment has not been conducted for any of the property.) [2012-2014]
    - Activity 3.1.1 – Work with the Northwest Florida Water Management District, the Florida Department of Environmental Protection’s Watershed Management Office, other agencies and private interest groups to conduct a hydrological assessment to determine the feasible acres to restore.
  - Objective 3.2 (Core) – The total number of acres requiring hydrological restoration to restore the natural hydrologic condition is 0. (Note: This reference number may change upon completion of Activity 3.1.1 or when legal access is secured to the inaccessible acreage.) [2012-2022]
    - Activity 3.2.1 – Cooperate with partnering agencies to monitor hydrologic flow patterns and improve water quantity and quality. Management will maintain an annual report of the total acres with hydrological restoration underway.

### **Sustainable Forest Management**

- ***Goal 4: Manage timber resources to reduce fire danger and improve habitat.***
  - Objective 4.1 (Core) – Prepare and implement a silviculture management plan including reforestation, thinning/harvesting, prescribed burning, restoration and timber stand improvement activities and goals. (Note: Until legal access is secured to the inaccessible acreage, this Objective is not applicable. There are timber resources within the Clear Creek/Whiting Field Tract within this management unit’s property boundary.) [2012-2022]
    - Activity 4.1.1 – Work with partnering agencies to develop a silviculture management plan for the Clear Creek/Whiting Field Tract. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable.)
  - Objective 4.2 (Core) – Develop a Forest Inventory. (Note: Until legal access is secured to the inaccessible acreage, this Objective is not applicable. There are timber resources within the Clear Creek/Whiting Field Tract within this management unit’s property boundary.) [2012-2014]

- Activity 4.2.1 – Develop and maintain the GIS database of the Forest Inventory of resources. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable.) [2012-2022]
- Activity 4.2.2 – Annually report the total number of acres of forest maintained as planted pine. (Note: As the property is restored to a more natural condition, there will be an overall reduction of the commercial timber densities.) [2012-2022]

### **Exotic and Invasive Species Maintenance and Control**

- ***Goal 5: Remove and control exotic and invasive plants and animals.***
  - Objective 5.1 – Conduct a baseline study to determine the presence, location and density of exotic and invasive plants. The total number of exotic/invasive plant species is six. (Note: The study is specific to incorporate the 2007 and 2010 acquisitions that are included in this management unit and will occur when legal access is secured to the inaccessible acreage. Until legal access is secured to the inaccessible acreage, this Objective is not applicable.) [2012-2014]
    - Activity 5.1.1 – Complete the baseline study to determine the presence, location and density of exotic and invasive plants. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable.)
  - Objective 5.2 (Core) – Treat 65 acres invested by EPPC Category I and Category II invasive exotic plant species. (Note: This reference number may change when legal access is secured to the inaccessible acreage.) [2012-2022]
    - Activity 5.2.1 – Implement the exotic plant management work plan and annually report the acres treated. (Note: 20 acres were treated from 2008–2009; 45 acres were treated from 2009-2010.)
  - Objective 5.3 – Conduct a baseline study to determine the total number of individual exotic animal species. The total number of exotic animal species is three. (Note: Until legal access is secured to the inaccessible acreage, this Objective is not applicable. The study is specific to incorporate the 2007 and 2010 acquisitions that are included in this management unit and will occur when legal access is secured to the inaccessible acreage. This reference number may change when legal access is secured to the inaccessible acreage.) [2012-2014]
    - Activity 5.3.1 – Complete the baseline study to determine the presence, location and density of exotic and invasive animals. (Note: The study is specific to incorporate the 2007 and 2010 acquisitions that are included in this management unit and will occur when legal access is secured to the inaccessible acreage. Until legal access is secured to the inaccessible acreage, this Activity is not applicable.)
  - Objective 5.4 (Core) – Implement control measures on all exotic and nuisance animal species. [2012-2022]
    - Activity 5.4.1 – Implement the exotic and nuisance animal species work plan and annually report numbers for which control measures have been implemented.

### **Capital Facilities and Infrastructure**

- ***Goal 6: Develop, enhance and maintain the property for public access while protecting the resources and improving the natural communities.***

- Objective 6.1 (Core) – Maintain five existing facilities, 0 miles of existing roads and 8.1 miles of existing paved trail on the property. (Note: A trailhead with amenities such as bathrooms, parking area and kiosks will be treated as one facility. Several trailheads will be treated as several facilities.) [2012-2022]
  - Activity 6.1.1 – Monitor and maintain all facilities for visitor impacts.
  - Activity 6.1.2 – Monitor and maintain all facilities for environmental impacts.
- Objective 6.2 (Core) – Construct two new facilities, one mile of new road and five miles of new trail. (Note: Until legal access is secured to the inaccessible acreage, this Objective is not applicable. This reference number may change when legal access is secured to the inaccessible acreage and upon completion of Activities 2.2.2 and 2.2.3.) [2012-2022]
  - Activity 6.2.1 – Once legal access is secured to the lands acquired in 2007 and 2010, establish public access by implementing the Recreation Site Plan. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable. Public access will be determined by Activity 2.2.2; new facilities and improvements to existing facilities contemplated by this plan may include: entrance gate, entrance road, shared-use trail [5 miles], interpretive signage/kiosks, stabilized parking, small picnic shelter a small restroom/vault toilet.)
  - Activity 6.2.2 – Once legal access is secured to the lands acquired in 2007 and 2010, implement the Outdoor Interpretive Site Plan. (Note: Until legal access is secured to the inaccessible acreage, this Activity is not applicable. Implementation will be determined by Activity 2.2.3.)
  - Activity 6.2.3 – Expand maintenance activities for new facilities.
- Objective 6.3 (Core) – Improve or repair 0 existing facilities, 0 miles of existing roads and 0 miles of existing trail. [2012-2022]
  - Activity 6.3.1 – Improve existing facilities, roads and trail as needed.

### **Cultural and Historical Resources**

- ***Goal 7: Assess, document and maintain the cultural and historic resources.***
  - Objective 7.1 (Core) – Ensure all known sites are recorded with the Division of Historical Resources (DHR), Florida Master Site File (FMSF). There is one known site.
    - Activity 7.1.1 – Record one known, unrecorded site (the historic railroad). [2013]
    - Activity 7.1.2 – Ensure the trail manager has participated in the Archaeological Resources Monitoring (ARM) Training for state land managers. [2013]
  - Objective 7.2 (Core) – Monitor all sites. (Note: There is one known linear resource.) [2012-2022]
    - Activity 7.2.1 – Complete assessments/evaluations of archaeological/historical resources and prioritize preservation/stabilization projects. (Note: Currently, the historic railroad is the only known resource: it is stable.)
  - Objective 7.3 (Core) – Ensure that all known sites are maintained in good condition. There is one known site. (Note: Describing the present condition, rather than comparing ideal condition; “good” describes a condition of structural stability, where no obvious deterioration other than normal has occurred; “fair” describes a discernible decline between inspections and is cause for concern; “poor” describes an unstable condition

and suggests immediate action is needed. Currently, the historic railroad is the only known resource: it is stable/in good condition.) [2012-2022]

- Activity 7.3.1 – Develop and implement monitoring program for known cultural/historical resources.
- Activity 7.3.2 – Develop and implement a cyclical maintenance program for each known cultural/historical resource.

### **Imperiled Species**

- **Goal 8: To maintain, improve or restore listed/imperiled species population and habitats.**
  - Objective 8.1 (Core) – Update the existing baseline listed/imperiled species occurrence inventory list. (Note: The 2010 LMUAC biennial report indicated there were two imperiled species. Information collected during the Plan update indicated there are 14 listed/imperiled species within or adjacent to this management unit.) [2012-2014]
    - Activity 8.1.1 – Complete the update to the baseline imperiled species occurrence inventory list.
  - Objective 8.2 (Core) – Develop monitoring protocols for 14 listed/imperiled species that are potentially occurring within the management boundary. (Note: A minimum of one monitoring protocol will be developed for each imperiled species listed. For the 2010 biennial reporting period, there were 0 monitoring protocols.) [2012-2014]
    - Activity 8.2.1 – Design regular monitoring program for imperiled plant species.
    - Activity 8.2.2 – Design regular monitoring program for imperiled animal species.
  - Objective 8.3 (Core) – Implement monitoring protocols for 14 listed/imperiled species that are potentially occurring within the management boundary (as verified by the baseline report in Objective 8.1). (Note: A minimum of one monitoring protocol will be implemented for each species. For the 2010 LMUAC biennial reporting period, 0 monitoring protocols were implemented.) [2012-2022]
    - Activity 8.3.1 – Implement regular monitoring program for each imperiled plant species to ensure the viability of the populations, map occurrences and report identified species to partner agencies.
    - Activity 8.3.2 – Implement regular monitoring program for each imperiled animal species to ensure the viability of the populations, map occurrences and report identified species to partner agencies.

### **Administrative Support**

- **Goal 9: Continue to provide administrative support.**
  - Objective 9.1 – Provide administrative support for all property functions. [2012-2022]
    - Activity 9.1.1 – Provide day-to-day support.
    - Activity 9.1.2 – Provide training and professional development.
    - Activity 9.1.3 – Provide for safe vehicle operation.
    - Activity 9.1.4 – Provide and maintain equipment.
    - Activity 9.1.5 – Provide staff salaries and benefits.



**B. Management Authority**

The BHST is managed via Lease Number 4024 (Appendix A) by the DEP, Division of Recreation and Parks (DRP). Management oversight is through the District One of the Florida State Park System, Blackwater River State Park. It shall be the policy of DRP to promote the state park system for the use, enjoyment and benefit of the people of Florida and visitors; to acquire typical portions of the original domain of the state which will be accessible to all of the people, and of such character as to emblemize the state's natural values; conserve these natural values for all time; administer the development, use and maintenance of these lands and render such public service in so doing, in such a manner as to enable the people of Florida and visitors to enjoy these values without depleting them; to contribute materially to the development of a strong mental, moral and physical fiber in the people; to provide for perpetual preservation of historic sites and memorials of statewide significance and interpretation of their history to the people; to contribute to the tourist appeal of Florida.

As reflected by Easement Number 32207, the City of Milton was granted authority for the establishment of a trailside rest area known as Heritage Plaza (Map 1.7) which was dedicated on April 4, 2011. The City's request followed the passing of Resolution Number 1146-09 on December 8, 2009. As identified in the City's request, Heritage Plaza was constructed from cobblestone pavers and aggregate concrete. The entrance way to the Heritage Plaza consists of two cobblestone columns, each has an interpretive plaque. There are six illuminated flags. The Trail facilitates access to the Heritage Plaza, which is a destination for visitors.

**C. Defending Title**

There are currently no encroachments on the property. The property boundary will be identified through signage and protected from encroachment by use of vegetation, natural barriers or fencing, if necessary. If encroachment problems arise in the future, a letter will be sent to the violator to resolve the encroachment problem. If the encroachment problem is not resolved by the violator, the Santa Rosa County Municipal Code Enforcement Board will be notified to initiate enforcement, which may include issuing fines to the violator.

Existing and proposed encumbrances and easements will be coordinated according to the policies and procedures established for State of Florida Board of Trustees' lands. Any application to use state land which would result in significant adverse impact to state land or associated resources shall not be approved unless the applicant demonstrates there is no other alternative and proposes compensation or mitigation acceptable to the Board of Trustees pursuant to paragraph 18-2.018(2)(i), Florida Administrative Code (F.A.C.). Any requested use of state land which has been acquired for a specific purpose, such as conservation and recreation lands, shall be consistent with the original specified purpose for acquiring such land pursuant to paragraph 18-2.018(2)(c), F.A.C. Applicants applying for an easement across state land which is managed for the conservation and protection of natural resources shall be required to provide net positive benefit as defined in subsection 18-2.017(38), F.A.C., if the proposed easement is approved. If granted, these easements will have conditions to protect the safety and quality of the BHST recreational experience. Efforts to consolidate driveways and to minimize the number of crossings will be made wherever possible. Clear sight lines and signage will be required at each crossing. Traffic control devices or grade separated crossings may also be required, where warranted by the anticipated traffic volume.

#### **D. Development**

DRP will design, construct and operate all buildings and facilities so they are accessible to, and usable by, all people, including those with disabilities to the greatest extent reasonable, in compliance with all applicable laws, regulations and standards. This means that all new and altered buildings and facilities will comply with appropriate design standards. It also means that a sufficient number of existing buildings and facilities will be modified to ensure that programs are provided in an accessible location.

The first step to implementing this plan for the lands acquired through the Murphy Act is to obtain legal access. The Trustees accepted the deed to the parcel and management envisions connecting the existing Trail to an interpretive boardwalk through the bog community that traverses the parcel. This could occur by obtaining a pedestrian/bicycle easement across privately owned lands which separate the Trail from the Murphy Act lands by approximately 100 feet, pursuant to Section 260.016(2)(d), F.S., designate private land into Florida's Recreational Trails System or acquire fee simple legal access.

As there is no legal access the Clear Creek/Whiting Field Tract, neither interim management activities, nor development has occurred. A goal in acquiring this Tract is to close a gap in the regional trails network. The Tract may be used in conjunction with lands acquired through other programs (Map 1.6) and yet to be acquired lands surrounding the NASWF. It is possible that, due to lack of acquisition funds, after legal access is secured, the Tract could be a standalone parcel. Thus, once legal access is secured, the uncertainty of the remaining parcels associated with the Florida Forever Project (Appendix B-23) will not delay developing the property. Future development of the Tract will include input from NASWF. To the extent practical, the trail system should be designed to promote connectivity around NASWF, with public, non-motorized access at each end of the Tract. Additionally, the trail network could include a series of loops that are internal to the property boundary that provide a variety of routes and lengths. The trail system should expose trail users to a wide range of features in an effort to enhance the visitor experience and provide for educational opportunities.

Although the Management Plan should provide a conceptual land use plan of general locations and relationships of features and planned facilities, due to the lack of access, this level of detail is unknown but will be incorporated in the Recreation Site Plan. It is probable the Recreation Site Plan will be implemented in phases. As previously discussed, the silviculture activities heavily impacted the natural communities of the Tract. Special care will be given to selecting areas that will be developed. Of the known attributes, Clear Creek on the Tract and the seepage stream on the lands acquired through the Murphy Act will be protected. Jurisdictional wetlands and areas containing listed species will be avoided. Additional consideration will be given to how utilities will be provided to any developed area.

There is no clear location for establishing legal access to the Murphy Act lands; it is that DRP may be able to obtain legal access to the Tract via lands acquired by the County (Map 1.6). Likewise, it is possible the adjacent private land owner would Designate a portion of their land through Chapter 260.016(2)(d), F.S., and interim management activities could occur. The location of the Tract's trailhead will partially depend on the legal access that DSL is able to negotiate. As identified in the Clear Creek/Whiting Field Florida Forever Project (Appendix B-23), legal access could occur near Whiting Acres Lane (Map 1.4) or via land acquired by Santa Rosa County (Map 1.6).

Once legal access to the Tract is established, stabilization of a roadway will need to occur. The Tract has interior roads that are mostly passable only by four-wheel-drive vehicles due to the sandy composition. It is possible that future trail development could utilize portions of these interior roads. As the timber is harvested and the trail established, the unutilized roads will be restored to a more natural condition. An entrance gate, trailhead and parking area will also need to be established. This new trailhead should be located just a short distance inside the gate and provide stabilized parking for up to 20 vehicles. An informational kiosk will orient visitors. Additional kiosks will be implemented based on the Interpretive Site Plan, which will identify signage opportunities to educate users about the natural features and communities, as well as responsible uses. The recreational opportunities will be limited to passive pursuits such as hiking, horseback riding, bicycling and picnicking. Trail and parking capacity may change based on those evaluations. There are no structures on the Tract. Once new facilities are developed, staff will monitor use of the property and environmental impacts.

Appendix J provides preliminary cost estimates for the Recreation and Interpretive Site Plans. DRP maintains estimates on the most cost-effective construction standard, which assist DRP in budgeting future improvements. Once access is established and the Site Plans are prepared, DRP will seek to fund the improvements. New facilities contemplated by this plan include: erosion control, entrance gate, entrance road, shared-use trail, interpretive signage/kiosks, stabilized parking, small picnic shelter and a small restroom/vault toilet.

#### **E. Potential Surplus Lands**

If legal access is unobtainable, the 4.44 acres of land acquired through the Murphy Act could potentially be surplus. These Murphy Act lands could be regionally important to connect the Trail to the Bagdad Mill Site, which would help facilitate the regional connectivity vision. If at all possible, surplus should be avoided.

#### **F. Prospective Land Acquisitions**

3,590 acres of the Clear Creek/Whiting Field Florida Forever Project remain to be acquired (Appendix B-23). An access easement is needed to connect the Trail to the Murphy Act lands.

#### **G. Partnerships and Regional Coordination**

As outlined in Section I, the BHST is regionally significant and is a component of the growing regional trail network (Map 1.5). The Trail has been developed and maintained through close collaboration with state, federal and local governments. DEP is coordinating with multiple partners, including the United States Department of Defense (DOD), in the overall management and desires to enter in to a sublease agreement for management of the Tract. NASWF is adjacent to the northern property boundary of the Tract (Map 1.6). If the state is unable to secure legal access to the Tract, it is possible the Tract could be managed as part of the NASWF, similar to the Military Heritage Trail. Fee simple and conservation easements negotiated by Santa Rosa County (SRC) are integral for base buffering and to establishing a connected trail around NASWF.

As described in the 2001 Plan, there is the potential to connect the BHST with the Blackwater River State Park and the Blackwater River State Forest. One of the connections discussed in the previous Plan is becoming a reality. This connection, being developed by the West Florida Regional Planning Council and Santa Rosa County as the Historic Old State Trail (HOST), includes the utilization of a five-mile segment of the abandoned section of Florida State Road 1

(SR01313), which was originally constructed between 1919 and 1921 (Map 1.5). The nine-foot-wide brick with four-foot-wide aprons surface was rehabilitated through Transportation Enhancement (TE) funding. The original TE application, submitted in 2003, was sponsored through DEP (DRP) and supported by the Blackwater Heritage State Trail, Inc. In 2010, Santa Rosa County Planning and Zoning Department inquired if OGT, the trail manager, would assist with management and long term maintenance support of the HOST. Santa Rosa County relayed to OGT that due to the HOST's location within the right-of-way of State Road 90, routine maintenance, such as trash pick-up and mowing, will continue to be conducted by the Florida Department of Transportation (FDOT). In order to receive the TE funding, it was necessary for a partner to provide long term maintenance support for the project. Though no formal agreement was executed, OGT's willingness to partner in providing long term maintenance, but not the day to day operation and management, in the implementation of the overall regional trails network was conveyed through email communication. The eastern portion of the HOST links to the multi-use Longleaf Trail, which connects to the natural surface trails of the Blackwater River Water Management Area, the Blackwater River State Forest and the Blackwater River State Park. Once funding is secured, sidewalks/bike lanes will be constructed along U.S. Hwy 90 from the western terminus of HOST, over the Blackwater River Bridge to connect to the BHST (approximately 1.5 miles). The sidewalk project is partially underway (near the Bridge and public boat ramp). Although these projects do not complete the connection between the BHST and the Blackwater State Forest, they make a significant stride in closing the gap in the trails network. The partnership between OGT and the County also includes a project known as the Bagdad Heritage Trail (Map 1.5). Added to the OGT Acquisition Workplan in 2007, the Bagdad Heritage Trail would facilitate a connection between BHST's southern terminus and the Bagdad Mill Site. If acquired, the Bagdad Heritage Trail would be developed and managed by Santa Rosa County. It is possible that negotiations through the OGT Workplan will be unsuccessful, in this circumstance the County is looking at bicycle/pedestrian connection via the Milton Historic District (Map 1.5).

In addition to the County partnership, management also works closely with the Nature Conservancy (TNC). TNC has actively pursued and supported conservation initiatives and assisting in the pursuit of acquisitions essential to the continued mission of NASWF, which includes the Clear Creek/Whiting Field Tract, of which a portion is part of this management unit. In addition to working with the state on Florida Forever acquisitions, TNC has worked with the Blackwater River Foundation, Inc. (Foundation) in the creation of the Blackwater Watershed Stewardship Program (BWSP). In September 2008, the BWSP addressed areas of concern pertaining to habitat and water quality advocacy, watershed education, waterway policy development and implementation of watershed stewardship opportunities. The Foundation hopes this initiative will provide leadership and coordination of watershed-related activities with stakeholders to educate the general public of the importance of protecting the river and its resources. In 2009, the Foundation convened the Blackwater River Watershed Stewardship Committee, a collaborative group of stakeholders and stewards who work to promote stewardship and education throughout the Blackwater River watershed, by: 1) Identifying issues; 2) Developing sustainable solutions; and 3) Protecting and restoring the natural systems of the watershed so ecological, cultural and economic integrity will be preserved for future generations. Final goals, objectives and strategies for the BWSP are being developed and incorporated into the Blackwater Watershed Master Plan. The BHST is within the Watershed.

#### **H. Compliance with State and Local Government Requirements**

This Plan is submitted for review to the Florida Board of Trustees of the Internal Improvement Trust Fund (Trustees) through the DEP, Division of State Lands (DSL). It is intended to comply with terms of Lease agreement Number 4024, Chapters 253, 259 and 260, F.S., and Chapters 62S-1, 18-2 and 18-23, F.A.C. The format and content of this Plan are in accordance with the Acquisition and Restoration Council (ARC) recommendations for management plans and the model plans provided by the staff of DSL. Furthermore, each planned use of the property will comply with the State Lands Management Plan, Guidelines and Activities. Management will consider the findings and recommendations of the Land Management review team when updating this Plan. As mandated by Section 259.032(11)(d), F.S., the managing agency will use the proceeds of any timber sales to pay for management activities. Pursuant to Chapter 267, F.S., ground disturbing activities will be coordinated with the Division of Historic Resources (DHR). Gopher tortoises are a threatened wildlife species and are protected by state law, Chapter 68A-27, F.A.C. Gopher tortoises will be relocated before any land clearing or development takes place and all permit requirements will be satisfied. As mandated by Chapter 259.037, F.S., the Trail is included in the Annual Report to the Land Management Uniform Accounting Council (LMUAC). The State Comprehensive Outdoor Recreation Plan (SCORP) guides the development of a diverse, balanced, statewide outdoor recreation system toward meeting current and future needs. It provides the framework for a statewide comprehensive outdoor recreation planning and implementation process. Trails and greenways are fundamental components of Florida's outdoor recreation and transportation systems. This Plan complies with SCORP by providing "resource based" outdoor recreation and by enhancing an environmentally degraded area to a more functional condition, through exotic species control and maintenance.

All development and resource alteration encompassed in this Plan are subject to the granting of appropriate permits, easements, licenses and other required legal instruments. Approval of this Plan does not constitute an exemption from complying with the rules and regulations of the appropriate local, state or federal agencies. Management will continue to work with federal, state and local partners to assure that management activities are in compliance with this document and applicable laws.

The use and function of the BHST complies with the Santa Rosa County Comprehensive Plan 2008-2025 (Appendix H). In addition to implementing the Transportation Element and the Recreation and Open Space Element, the linear Trail could also help implement Policy 12.1.G.5 by providing linkages to schools, parks, libraries and other public facilities with bikeways, trails and sidewalks. Furthermore, the Conservation Element of the City of Milton's Comprehensive Plan lists two designated conservation corridors within the City limits currently, the Rails to Trails corridor and the Collins Mill Creek corridor.

#### **I. Ongoing Research and Monitoring**

Monitoring the conditions of the property is ongoing, as is research and implementation of industry standards. Opportunities exist to partner with other land managing entities, Universities and experts to improve the protection and management of the resources within the management unit.

#### **J. Resource Management and Protection**

In accordance with Chapter 258, Florida Statutes, DRP has implemented resource management programs for preserving representative examples of natural and cultural resources of statewide

significance under its administration. The resource component describes the natural and cultural resources of the management unit. In addition, the component identifies methods to manage resources. Measures identified in this Plan are consistent with the overall DEP mission of ecosystems management.

DRP's philosophy of resource management is natural systems management. Primary emphasis is on restoring and maintaining, to the degree possible, the natural processes that shaped the structure, function and species composition of Florida's diverse natural communities as they occurred in the original domain. Single species management for imperiled species is appropriate when the maintenance, recovery or restoration of a species or population is complicated due to constraints associated with long-term restoration efforts, unnaturally high mortality or insufficient habitat. Single species management should be compatible with the maintenance and restoration of natural processes, and should not imperil other native species or seriously compromise the management unit's values.

Vegetative management of the BHST includes the management of the natural communities for invasive and exotic species and management for appropriate vegetative composition and density that mimics unaltered systems. Management will continue to identify exotic plant and animal species and remove these species on an ongoing basis in order to protect the natural resources. Monitoring will take place early in the growing season to facilitate removal of young plants and to maximize the benefit of eliminating plants prior to the production of fruits/seeds.

Listed plant and wildlife species will be protected during any future development plans. Any newly identified listed species found on the project site will be reported to the Florida Natural Areas Inventory (FNAI) and the Florida Fish and Wildlife Conservation Commission (FWC). Protection of the listed species of wildlife and plants, as well as the overall natural communities, is enhanced by public ownership, by management of habitat, removal of invasive species and through public education.

#### *Soil Management*

Management activities will follow generally accepted best management practices to prevent soil erosion and to conserve soil and water resources on site. Prior to future construction projects, erosion and sedimentation control features will be installed to prevent sediments from exiting the project limits. These measures may include, but are not limited to, silt fences and/or hay bales along all unaffected areas. The controls will be monitored and remain in place until permanent vegetative cover is established. Management may need to take additional steps to assure that erosion is controlled in areas near water features. Erosion control is also coordinated with adjacent land managers.

#### *Hydrology/Water Management*

Water management is overseen by the Northwest Florida River Water Management District. Future construction projects will meet all federal, state and local permit and regulatory requirements. The berm created during the historic use of the Trail, as a railroad, affected surface hydrology. Along the linear Trail, ditches divert surface water, primarily rainfall towards basin wetlands, streams and ultimately, the Blackwater River. Nine bridges and additional culverts were installed where the railroad berm crosses these water features. Restoration of the original hydrology is not feasible since this would require removing the railroad bed and restoring the original topographic features of the land. However, some measures to mitigate the

hydrologic disturbances caused by the construction of the railway have occurred. Management will work with the Northwest Florida Water Management District, the DEP's Watershed Management Office, other agencies and private interest groups to conduct a hydrological assessment to determine the feasible acres to restore. The objective is to restore, to the greatest extent possible, the original flow volumes and patterns that existed before construction of the railway. Culverts and bridges along the Trail are cleaned to facilitate water flow. The periodic maintenance program of bridge and culvert cleaning will be continued, as needed, to alleviate hydrologic problems.

Beavers, breeding between December and February, are active in the lands acquired through the Murphy Act and near the southern trail bridge. Sometimes their dams block drainage systems and flood the parcel. According to the Wildlife Ecology and Conservation Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida (UF) "water control structures inserted into the dam can effectively prevent excessive flooding. The rate of water flow, land elevation, and desired water level also are considerations that must be made prior to placement of the water control structure. Occasional maintenance usually is needed to prevent the pipes from clogging with debris. This method of control offers a way for beavers to passively coexist with people." Management pursues controlling water impediments with industry standards, which is not limited to the method identified by UF.

#### *Natural Communities Management*

When a natural community within a management unit reaches the desired future condition, it is considered to be in a "maintenance condition." Required actions for sustaining a community's maintenance condition may include, maintaining optimal fire return intervals for fire dependent communities, ongoing control of non-native plant and animal species, maintaining natural hydrological functions (including historic water flows and water quality), preserving a community's biodiversity and vegetative structure, protecting viable populations of plant and animal species (including those that are imperiled or endemic), and preserving intact eco-tones linking natural communities across the landscape.

The property surrounding the Trail does not lend itself to complete restoration because of the width of the corridor and existing paved trail. Although the natural communities would benefit from fire, due to the configuration and physical improvements of the Trail implementing prescribed fire unfeasible. To the extent possible, habitat requirements for native species will be maintained, improved and managed to ensure that native species are sustainable. The Trail is within an area designated as Critical Habitat for the Reticulated Flatwoods Salamander and can help to facilitate connectivity to larger tracts of land. Through connectivity, the area may help larger breeding populations to remain viable. Over time, the timber will be harvested from the Tract and Murphy Act lands and they will be restored to a more natural condition. Identified as a management priority, specimen trees, Clear Creek, wetlands and protected plants or animals will be considered in future developments. The natural community improvement plan/baseline report will be updated to determine the acreage requiring habitat/natural community improvements or restoration, including timber harvest for forest stand thinning. The improvement plan will delineate protection zones and target areas.

Desired Future Conditions: The ruderal areas are managed to remove priority invasive plant species (EPPC Category I and II species). Other management measures include limited restoration efforts designed to minimize the effect of the ruderal areas on adjacent natural

areas. Cost-effectiveness, investment returns and consideration of higher priority restoration projects will determine the extent of restoration measures in ruderal areas.

Desired Future Condition: The developed areas that are permanently cleared, including the trailheads and linear trail, are managed to minimize the effect of the developed areas on adjacent natural areas. The BHST will be managed to protect Critical Habitat Areas (Appendix E). Priority invasive plant species (EPPC Category I and II species) will be removed from all developed areas. Other measures include proper stormwater management.

#### *Forest Resources Management*

The management goal for forest communities in the State Park System is to maintain or re-establish old-growth characteristics to the degree practicable, with the exception of early succession communities such as sand pine scrub and coastal strand. Management proposes selective thinning and harvesting of the planted pine, with the exception of the riparian areas adjacent to Clear Creek, where there is a mix of hardwood and pine. This selective thinning and harvest will improve ecosystem health, reduce potential fire fuel load and over time, be reduced to achieve a more natural stand density. Timber stand reduction may occur on a three to five year rotation. The preparation and development of the silviculture plan will dictate how the forest resources will be managed.

#### *Fire Management*

The Florida Department of Agriculture and Consumer Services, Florida Forest Service, assists Division staff in the development of wildfire emergency plans and provides the authorization required for prescribed burning. As appropriate and allowed by the NASWF, prescribed burning will be implemented on the Tract to promote healthy ecosystems by controlling the competition of the underbrush and promoting natural communities. Other benefits of prescribed fire includes: reduction of wildfire hazards by reduction of fuel loads; reduction of the dominance of hardwood species; perpetration of fire-adapted plants and animals; cycles nutrients; controls tree diseases and opens scenic vistas. Once selective harvesting occurs, a burn plan will be developed and updated annually. Fire-adapted communities will be separated into burn zones and be managed by the natural burn frequency. Each burn zone will be surrounded by natural and/or man-made fire breaks. DRP will also work to promote public understanding of the importance and benefits of prescribed fire.

#### *Mineral Resources Management*

There are no known minerals of commercial importance within the property boundary.

#### *Native Species Management*

In many cases, these native species will benefit most from proper management of their natural communities. To the extent possible, habitat requirements will be maintained and managed to ensure that native species survive and are sustainable. If trees and shrubs are planted for shading, screening or beautification purposes, non-invasive or native species will be planted. All future planting will consist of native species. The BHST's Citizen Support Organization (Appendix F) have funded and planted native species along the linear Trail. Management will work to provide the visiting public with educational materials related to safety precautions for encounters with native species, to include but are not limited to encountering snakes and bears.



### *Listed Species Management*

Staff protects and reintroduces endangered plant and animal species and may limit human access to sensitive nesting or foraging areas. Staff follows scientific monitoring protocols for the health and well-being of imperiled plant and animal species. The Florida Fish and Wildlife Conservation Commission (FWC) assists staff in the enforcement of state laws pertaining to wildlife, freshwater fish and other aquatic life existing within the property boundary. In addition, the FWC provides assistance with wildlife management programs and imperiled species management. Management will coordinate with FWC to research and develop specific management plans for the highest priority imperiled species likely to be impacted by management actions. Habitat for listed species will be carefully managed so that they can continue to flourish. Management will consult and coordinate with appropriate federal, state and local agencies for management of designated species. Specifically, data collected by FWC and FNAI, as part of their ongoing research and monitoring programs, will be reviewed periodically to inform management of decisions that may have an impact on designated species within the property boundary. Further plant and animal studies may verify the presence of designated species not previously described in the Plan. Mapping and documentation of designated species populations will occur in order to prevent inadvertent disturbances and to monitor population trends. Disturbances to listed species will be avoided. If unavoidable, any disturbance shall be duly permitted. Management is unaware of present or planned future use that would result in negative impacts to native or listed species.

### *Invasive/Exotic/Non-Native Species Management*

Improvement of the natural areas along the BHST will be achieved through elimination and long term minimization of exotic vegetation and detrimental activities occurring throughout the property boundary. Early detection of exotics is essential to successful eradication; the collaboration with partnerships such as the Gulf Coastal Plain Ecosystem Partnership (GCPEP) and the Florida Invasive Species Partnership's Cooperative Invasive Species Management Areas (CISMAs) can help to manage the exotics and will be pursued. The baseline study of exotic plant and animal occurrences will be updated to include the Tract. The Trail has several invasive exotic species that are currently managed with herbicide. Removal of the exotic species helps to restore the ecological balance and preserve the diversity of Florida's native species. The Trail Manager (TM) will continue to obtain herbicide and treat the exotics as time and weather permit. The TM trains staff on mechanical removal and disposal of exotics and to interpret the dangers of exotic species to visitors and neighboring property owners. Partnerships with adjacent private and public landowners should be pursued, particularly in the case of highly invasive species.

Management works closely with county animal control to resolve the problem of occasional sightings of feral cats and stray dogs. There are a few instances where feral hogs have been on the property. Due to the narrow corridor we occupy, the hogs are normally spotted once or twice and most of these instances time they are controlled by the neighboring land owners. All management personnel are instructed that, should a sighting of a feral animal occur, the appropriate agency must be notified and arrangements made to track and remove the animal. For feral hogs, management normally contacts the Florida Fish and Wildlife Commission for registered individuals to remove them.

When other problem species such as hornets, yellow jackets, biting flies, fire ants and mosquitoes are encountered that require staff involvement, division policy will be followed.

When available, literature is posted in kiosks and distributed in information racks. Public education and avoidance of these creatures should help to alleviate the danger of encounters with the visiting public.

#### *Archaeological, Historical and Cultural Resource Management*

The Tract lacks legal access, land altering or ground disturbing activities would not occur until the access issue is resolved. As such, there are no plans for conducting Archaeological Predictive Models. Pursuant to Chapter 267, F.S., ground disturbing activities will be coordinated with the Florida Department of State, Division of Historical Resources (DHR). Management will follow the "Management Procedures for Archaeological and Historical Sites and Properties on State Owned or Controlled Lands" and adhere to the "Guidelines for Ground Disturbing Activities." If any archaeological or historic sites are identified, the resource shall be assessed in consultation with DHR. Any potentially significant archaeological or historic resource shall be managed for preservation.

#### *Scenic Resources Management*

The scenic resources of the property occur in the vicinity of Water Resources (Map 2.3). Management activities will preserve water quality of Clear Creek, wetlands and streams. Management strategies will protect the often prevalent White-topped pitcher plants (*Sarracenia leucophylla*), as well as the less frequently observed Panhandle Lily (*Lilium iridollae*) and Hummingbird Flower (*Macranthera flammea*). Although the planted pine on the Clear Creek/Whiting Field Tract offers solitude, it will be restored to a more natural condition, resulting in enhancement of the scenic resources.

#### **K. Arthropod Plan/Mosquito Control**

All Division lands are designated as "environmentally sensitive and biologically highly productive" in accordance with Chapter 388, F.S. If a local mosquito control district proposes a treatment plan, the Division responds within the allotted time and reaches consensus with the mosquito control district. By policy of DEP since 1987, aerial adulticiding is not allowed, but larviciding and ground adulticiding (truck spraying in public use areas) is typically allowed. The Division does not authorize new physical alterations of marshes through ditching, or water control structures. Mosquito control plans temporarily may be set aside under declared threats to public or animal health, or during a Governor's Emergency Proclamation. Mosquito control has not occurred on the Tract.

Mosquito control adjacent to the Trail is conducted by Santa Rosa County Mosquito Control (SRCMC). SRCMC employs an Integrated Mosquito Management Program (IMM) that utilizes a balance of cultural, biological and chemical procedures that are environmentally compatible and economically feasible to reduce mosquito populations to a tolerable level. IMM is an effective, integrated strategy endorsed by the Department of Ecology and the Centers for Disease Control (CDC) that emphasizes using multiple methods to achieve long-term control of mosquito populations before they become adults and are able to spread diseases. Prevention is achieved through public education, surveillance, monitoring of treatment threshold levels and control activities that use the most environmentally friendly methods available.

The SRCMC utilizes spraying trucks to target areas on a rotating basis typically from sundown to approximately 1:00 a.m. Spraying is discontinued if the temperature drops below 60° F or if it is raining. The IMM is based on a broad combination of methods for managing nuisance and

disease carrying mosquitoes. Mosquito surveillance, physical, chemical and biological control applications are used as proactive and active control measures and are the primary components used by SRCMC. In addition to the surveillance and education, chemical and biological control is also used to combat mosquitoes. Due to the degree of variability within mosquito breeding habitats, treatment methods may be either a chemical or biological control.

Juvenile (Larvae) and Adult mosquito populations are primarily controlled by source reduction and biological methods, however when these methods are not suitable, the use of chemicals are necessary. SRCMC uses Pyrethroids (Kontrol 4-4) for adult mosquitoes and Methoprene (Altocid) for treating aquatic habitats for juvenile (Larvae) mosquitoes. Ultra Low Volume (ULV) spray equipment is used for ground adulticide application. For biological control, a naturally occurring bacteria is used called Bti, which is toxic only to mosquito and black fly larvae, and is not toxic to beneficial insects. A native plains fish (*Gambusia affinis*) is used to control mosquito larvae in areas where there is standing water for long periods of time, such as wetlands and ponds.

#### *License requirements*

In accordance with Chapter 5E-13.040, F.A.C., all persons who apply or supervise the application of a pesticide intended to control arthropods on the property, other than their own individual residential or agricultural property, must be licensed to do so or work under the supervision of a licensed applicator. The license is issued by the Mosquito Control Section in the Florida Department of Agriculture and Consumer Services, Bureau of Entomology and Pest Control and is in accordance with Chapter 388, F.S.

#### *Compliance*

Per Section 5E-13.040(8), F.A.C., pesticide applications must be accurately recorded and kept on file for a minimum of three years. Chapter 5E-13 F.A.C. also spells out other criteria for safety training, worker protection and justification for adulticide applications. License holders are responsible for understanding and complying with all requirements under the law.

#### *Safety Procedures and Precautions*

All safety precautions and procedures defined by the product label are followed. All insecticides used are registered by the Environmental Protection Agency and applications are made in direct compliance to the product label. Applicator safety and the protection of employees and patrons, as well as the prevention of non-target organism exposure, are practiced with each treatment.

Giving consideration to the types of recreational activities involved, no applications are made that will result in employees or patrons coming in direct contact with insecticides. Products are not applied that will leave a residual insecticide. The same application methods used for residential treatments are followed in treating recreational areas.

#### *Clean-up and Disposal*

Each product label specifically identifies the requirements for safe handling of the product, to include clean-up and disposal. Vehicles are equipped to handle any accidental on-site spills.

#### *Thresholds*

Thresholds are species and area specific. Due to the concern of mosquito transmitted viruses and the increased potential of public exposure, certain mosquito species are given a lower threshold than others. Spraying and treatment is conducted at residential levels.

#### **L. Management Priorities**

The priorities are the continuation of the protection and enhancement of the resources while providing public access at the existing facilities and to establish legal access to the Tract for implementation of minimal improvements to facilitate public access while protecting the resources. The baseline studies will be updated to gain an understanding of the resources so they may be protected and actions will be taken to improve their condition.

##### *Management Activities*

DRP places a high priority on ensuring the safety of all patrons; ensuring the protection of the resources and the environment; providing equal access for patrons; providing a clean enjoyable experience; providing maps and brochures; and strengthening partnerships for the betterment of the managed lands.

##### *Operational Activities*

DRP staff oversees maintenance of the property and is responsible for its upkeep. Whenever possible, volunteers will be used to assist with trail maintenance. All volunteers are required to have an approved Volunteer Application on file. Maintenance includes mowing, removal of litter, blowing of debris (such as leaves) from the Trail, obtaining use statistics from the Trail counters at multiple locations, removal of downed trees and repairs needed for the Trail due to normal use or vandalism. As development occurs on the Tract and the trail system grows, additional funding for staff and equipment may be necessary to meet these needs.

##### *Operating Funds*

Operating Funds for the project site come from the Land Acquisition Trust Fund (LATF) and the Conservation and Recreation Lands Trust Fund (CARL). Many of the actions identified in the Plan can be implemented using existing staff and funding. However, a number of continuing and new activities cannot be completed during the life of this Plan unless additional resources for these purposes are provided. The Plan's recommended actions and cost estimates will guide DRP's planning and budgeting activities over the period of this Plan. It must be noted that these recommendations are based on the information that exists at the time the Plan was prepared. A high degree of adaptability and flexibility must be built into this process to ensure that DRP can adjust to changes in the availability of funds, improved understanding of the property's natural and cultural resources and changes in statewide land management issues, priorities and policies. Statewide priorities for all aspects of land management are evaluated each year as part of the process for developing DRP's annual legislative budget requests. When preparing these annual requests, consideration is given to all of the needs and priorities of all lands managed by DEP and the projected availability of funding from all sources during the upcoming fiscal year. DRP will seek supplemental assistance through other funding sources and staff resources wherever possible, including grants, volunteers and partnerships with other entities. DRP's ability to accomplish specific actions identified in the Plan will be determined largely by the availability of funds and staff for these purposes, which may vary from year to year. Consequently, the estimated budgetary needs identified in Appendix J may need to be adjusted during the 10-year management planning cycle.

##### *Safety/Security Management*

Throughout the country, well maintained properties with high use, statistically leads to fewer security issues. DRP maintains a presence on the Trail and works with local and state law enforcement. Staff continually monitors the property and identifies potential hazards to public

health within the project area, and will take appropriate measures to minimize risk to the public. Educational training opportunities for staff will enhance staff safety when conducting daily activities. All emergency situations are coordinated through local 911 emergency services.

#### *Potential to Contract with Private Vendors*

Public/private partnerships are natural in trail development. Private individuals and companies have an opportunity to capitalize on the visitors that use the Trail and the provision of goods and services is only limited by the creativity and drive of local business owners. Management may seek ways to contract with private vendors to provide services that are better handled in a market economy; however, these services would never be allowed to weaken safety considerations. Pursuant to paragraph 18-2.018(2)(i), F.A.C., equitable compensation shall be required when the use of uplands will generate income or revenue for a private user. It is the responsibility of the Bureau of Operational Services (BOS) to manage and coordinate all activities related to the Florida Park Service's (FPS) Concession Program. BOS works with District staff and Park Managers for the management of concession agreements.

By privatizing formerly park-run operations, DRP implements the Governor's initiative of smaller government and facilitation of job creation and revenue generation in the private sector. Contractual opportunities exist for activities including trash removal, site clean-up, facilities maintenance, resource management and exotic species control. All actions shall conform to both state and federal laws and rules, as well as DRP directives and procedures. General Authority: DEP Directive 150; DEP Directive 100; Chapter 258, F.S.; and Chapter 62D-2, F.A.C.

#### *Citizen Support Organization*

The Blackwater Heritage State Trail, Inc. is incorporated as a nonprofit Florida corporation to serve as the Citizen Support Organization (CSO) for the BHST (Appendix F). As with all Florida Park Service CSO, the program is governed by Chapter 258, F.S., Chapter 617, F.S., the CSO Agreement and the CSO Handbook. Executed on January 31, 2006, the BHST's CSO Agreement designates the Trail Manager (TM) as the Agreement manager and primary contact. The TM attends bimonthly board meetings, schedules events and provides guidance regarding DRP rules and regulations. The TM keeps a database on information pertaining to all volunteers (CSO and trail volunteers), assigns duties, compiles/reports timesheets and provides training when necessary. Management activities are supported by the CSO. Execution of an updated between the CSO and the Florida Park Service, rather than the OGT Agreement, will occur.

Pursuant to Section 258.015, F.S., CSOs are authorized to raise funds, seek and receive grants, accept gifts, bequests of money and tangible or real property on behalf of the public land that they represent. The BHST CSO agrees that all funds generated through the use of the property, facilities, name or identity will be used for the direct or indirect benefit of the Trail or in support of the purposes stated in the articles of incorporation. The BHST CSO runs a volunteer staffed concession stand out of the visitor center. The revenue generated by these sales is sometimes used to cover minor repairs and supplies, as requested by the TM, for the BHST.

#### *State Designation*

In 2002, the BHST was designated as part of the statewide system of greenways and trails. An opportunity exists for a private lands designation, through Section 260.016(2)(d), F.S. Crossing 100 feet of privately owned lands would connect the existing linear Trail to the lands acquired through the Murphy Act and could facilitate management activities. Designation would provide

liability protection to the private land owner. The Designation agreement could signify whether public access for trail connectivity or staff access for management activities would be granted. Lands acquired fee simple or through easements around NAS Whiting Field are also appropriate for Designation.

#### *National Designation*

In 2010, the BHST was designated through the National Recreation Trails (NRT) program. As with any NRT, official permission to use the NRT logo must be obtained in writing. This authorization was issued on July 30, 2010.

### **M. Public Access and Use**

The BHST provides many opportunities for visitors to recreate and learn through Florida's outdoor environment. The recreational opportunities provide for the greater public good since the uses minimally impact the environment (the paved trail is located on the existing spoils created by the cleared and filled railroad berm). The Trail provides healthy outdoor activities for individuals, groups and families. Management will work with local experts to enhance educational opportunities, such as kiosks and programming that instill in visitors an understanding and appreciation for Florida's natural and cultural resources and their proper care and use.

The Trail is open to the public from 8am to sundown, year round, seven days a week. These core hours may be adjusted as needed to accommodate for safety and management needs. Necessary closures will be posted. As previously discussed, two of the parcels within this management unit are not open to the public.

#### *Access/Parking*

Due to the linear configuration of the Trail, there are many access points, neighboring streets and sidewalks. As illustrated on Maps 1.2 and 1.3, DRP maintains four trailheads. Access to the Trail is also provided by a fifth, non-state managed trailhead known as the NAS Whiting Field Trailhead. Located at the junction of the BHST and the Military Heritage Trail, at 7050 Marty Martin Way (N 30.6963 W -86.9932), the NAS Whiting Field Trailhead provides parking, a picnic shelter and a waterless vault restroom. The DRP managed-public trailheads (from north to south) include:

- **Munson Highway, Equestrian Trailhead**, located at 5969 Munson Highway (N 30.6508 W -87.0154), includes: covered benches, parking, picnic tables and water;
- **Visitor Center Trailhead**, located at 5533 Alabama Street ( N 30.6358 W -87.0400), includes: a small amphitheater, barbeque grills, bicycle racks, concessions, kiosk, meeting room, parking, picnicking, playground, restrooms, secured equipment area and staff office and water;
- **Milton Trailhead**, located at 6715 Elva Street (N 30.6223 W- 87.0429), includes: a gazebo, kiosk, parking, picnic tables, restrooms and water;
- **Southern Trailhead, Old Highway 90**, located at 6655 Old Highway 90 (N 30.6121 W- 87.0456), includes: parking, restrooms and water.

#### *Transportation Alternatives*

The BHST is developed for non-motorized recreational access, which expands healthy transportation alternatives while connecting people and communities to enhance economic development. The BHST provides residents and visitors with alternatives to using the traditional

road network for their active transportation needs. Trails offer commuters viable multimodal alternatives to highway travel and are vital to reducing vehicular traffic.

#### *Walking/Hiking/Jogging*

Walking, hiking and jogging are a prevalent use of the BHST. Seniors and parents with small children are attracted to trails for daily walking exercise and social encounters. Joggers, often active military personnel, prefer the asphalt surface to concrete sidewalks due to its consistency and slightly more giving surface. There are fitness stations, such as stretching posts (i.e., near Elva Street), located along the Trail. Once legal access is secured, management may develop a trail system for walking, hiking and jogging on the Clear Creek/Whiting Field Tract.

#### *Bicycling*

There are two major groups of paved-trail bicyclists, weekend riders and long distance riders. The BHST provides opportunities for both. Bicyclists seeking recreation and daily exercise will be able to travel short distances on a smooth, paved surface. Long distance bicyclists have the opportunity to cycle the entire Trail and to connect to the developing regional network of trails. Cyclists should always use caution, as users have various skills. Once legal access is secured, management may develop bicycling opportunities on the Tract. Pursuant to Section 316.2065, F.S., helmets are required for cyclists under the age of 16, including children who are riding in a trailer or semi-trailer attached to a bicycle; all other users are urged to wear helmets. Cyclists and inline skaters yield to other users.

#### *Skating*

The BHST provides a 12-foot-wide, smooth, continuous surface that is utilized for inline skating. The International Inline Skating Association is in favor of mandatory helmet laws for inline skaters under the age of 18. All skaters are urged to wear helmets.

#### *Equestrian Use*

Located at 5969 Munson Highway, the Munson Highway, Equestrian Trailhead provides ample oversized parking. Equestrians may ride on the asphalt trail or along the unpaved shoulder at their discretion. Pursuant to Chapter 5C-18, F.A.C., equestrians must be able to provide proof of current negative (Coggins) test for Equine Infectious Anemia which is required for all horses when on public lands and subject to inspection at any time. This rule is strictly enforced. Pursuant to Section 773.06, F.S., helmets are required for riders under the age of 16; all other riders are urged to wear helmets.

#### *Boating/Paddling/Fishing*

The BHST does not afford boating (motorized/non-motorized) opportunities. Some visitors fish from the banks near the Trail.

#### *Camping*

The BHST does not afford camping opportunities; campfires are not allowed.

#### *Hunting*

Hunting is strictly prohibited within the BHST property boundary. In accordance with the Florida Wildlife Code, Chapter 68A-4.007, F.A.C., excludes recreation areas from territory open for hunting; and Chapter 68A-4.008, F.A.C., makes it unlawful to take wildlife on, upon or from any federal, state or county road right-of-way. Additionally, Section 62D-2.013(5)(d), F.A.C., prohibits

hunting in all state parks, state recreation areas, state archaeological sites, state historic sites, state geological sites, state botanical sites, state preserves, state museums, state cultural sites, state wildlife parks, state folk culture centers, state trails and state gardens.

### *Picnicking*

Benches, rest areas and pavilions provide locations for picnicking. Picnic shelters are located (from north to south) at the NAS Whiting Field Trailhead (non-state managed), the Munson Highway, Equestrian Trailhead, the Visitor Center Trailhead (including the Mynhier parcel) and the Milton Trailhead.

### *Interpretive Opportunities*

Located along the BHST are interpretive kiosks and signage that educates and instills an appreciation for and educate the visiting public about the history of the area (e.g., historical timeline of the Florida and Alabama Railroad, the Bagdad Mill and the rebuilding of the railroad to provide fuel service to NAS Whiting Field) and the natural environment (e.g., songbirds and watching wildlife). In addition to fiberglass kiosks, there are stand-alone signs and covered-outdoor display cases/kiosks/bulletin boards that provide maps and pertinent trail information. In the future, educational material will be enhanced to include a safety component and resource related information.

Also within the property boundary is the previously discussed Heritage Plaza, which was developed and is maintained by the City of Milton through an easement agreement. The entrance way to the Heritage Plaza consists of two cobblestone columns, each with a plaque. The plaques interpret the history of Milton and the railroad.

### *Geocaches*

Geocaching is an outdoor activity in which the participants use a Global Positioning System (GPS) receiver to hide and seek locations. A geocacher can place a geocache, pinpoint its location using GPS technology and then share the geocaches existence and location online. Anyone with a GPS unit can then hunt the geocache. Geocaching can be enjoyed by an individual, a family or a group. Geocaching has been viewed as a means of promoting tourism and a way to promote resources.

Geocaches should not be placed without the knowledge of the TM, who has the authority to approve, decline or place restrictions on caches. Placement of the cache will be reviewed on a case-by-case basis. Management will encourage the use of Tread Lightly!, Inc.'s Web site, at [www.treadlightly.org](http://www.treadlightly.org), which includes "Tips for Responsible Geocaching." While seeking geocaches, people will be encouraged to collect and properly dispose of litter. Should an entity or individual decide to hold a Geocaching event, it will be considered a Special Event and special event guidelines will be followed.

The following are general guidelines for requesting placement of a geocache:

- The cache must be placed in close proximity to an existing trail/trailhead;
- The party responsible for the cache (owner) should live in the vicinity of the cache, to facilitate frequent maintenance. It is an owner's responsibility to maintain the cache;
- Avoid sensitive areas, such as archaeological and ecological resources, wetlands, steep slopes, etc.;



- The cache must be placed above ground. Digging or ground disturbing activities is not allowed;
- The cache owner will be encouraged to list the cache on the Official Global GPS Cache Hunt Site, [www.Geocache.com](http://www.Geocache.com).

#### *Visitor/Educational/Cultural Centers*

The BHST CSO (Appendix F) runs a volunteer staffed concession at the Visitor Center, which is located at 5533 Alabama Street (Maps 1.1 and 1.2). The Visitor Center also has a meeting room and a staff office. Visitor Center hours vary due to the availability of volunteers.

#### *Pet Policies*

Pets are allowed, but must be kept on a maximum six-foot leash. Owners must pick up excrement and dispose of it in proper waste facilities. Kiosks and brochures promote “Safety and Etiquette” and educate the public about pet policies. Domestic animals that are noisy, vicious, dangerous, disturbing or act threatening to persons or other animals are considered nuisances and will not be permitted to remain on the property.

#### *Managing Multiple Uses*

To educate trail users on appropriate trail etiquette, trailhead kiosks provide information regarding Trail Courtesy and Rules. All signs and traffic control devices are consistent with state and local regulations. Safe and courteous multiple use recreation can be accomplished through education and positive staff presence.

#### *Special Events*

DRP maintains special event guidelines for individuals or organizations planning events. Typically, the events occurring on the BHST provide group opportunities for bicycling, running or walking and often include short and long distances for public participation or may be part of a community festival. The Trail Manager works with event coordinators to ensure the goals and objectives of the event are compatible with the designated use along the BHST and that security and safety requirements are being met.

#### *Emergency Operations*

DRP maintains specific procedures for implementation of safety programs, as specified in the DEP Directive 710 and the DEP Safety Manual. In the event of a disaster, management shall clear the property of visitors. Staff will post closures. After completion of visitor’s evacuation, personnel shall take appropriate action to ensure the protection of government property. All equipment and vehicles not removed from the BHST should be locked and secured.

All calls for emergency assistance are routed through the County 911 system. The 911 operator will decide the best resource to call upon for a given emergency. The General Liability Loss Report (GL1) is used to report all visitor injuries or deaths, property loss or damage (state or private) and accidents involving state watercraft or vehicles. Incident Report (FPS-A045) is used to document other incidents that are not covered by other required reports such as visitor complaints, rule/policy enforcement etc. It is also used to record close calls, which are incidents that could have resulted in injury or damage, but no actual injury or damage occurred. Safety Analysis Report (FPS-A031) is used when accidents result in injury to visitors or employees and close calls. An Automobile Accident Report (AL1) must be completed for all accidents in which a

Division vehicle is involved, whether on or off state property, per DEP Directive 630. A copy of any law enforcement agency report should also be submitted with the AL1.

**N. Accomplishments from Implementation**

Florida's residents, visitors and wildlife have been given the gift of open space through programs such as Florida's premier land conservation program, Florida Forever and the United States Department of Interior's Federal Lands to Parks Program. The lands are helping to preserve Florida's culture, history, water supplies, wildlife habitat and environmentally sensitive lands while promoting tourism. Accomplishments since the approval of the 2001 management plan for the BHST are numerous. Today, the Trail enhances aspects of the community by providing economic development and revitalization to area it traverses. The Trail connects communities and commercial centers and implements the vision of statewide connected system of trails. The Trail provides for safe and efficient use of non-motorized modes of transportation choices, as well as outstanding eco- and heritage tourism opportunities for residents and visitors. These accomplishments played a role in Florida's having received American Trails' inaugural award of "Best Trails State" in the nation.

Since the last iteration of the Plan, which represented 96.475 acres, the property boundary has expanded three times, to include a management unit of 229.60 acres. Today, 8.1 miles of Trail are open to the public. DRP entered into an easement agreement with the City of Milton for their development of Heritage Plaza, which has become a Trail and community destination. As with the 2001 Plan, the State's managed BHST connects to the Military Heritage Trail, which provides for a connected nine mile trail system. There are mile markers located along the Trail as are rest benches. Four trailheads provide parking areas; three of these also have restrooms and one has a Visitor's Center, a playground, picnic facilities and provides for secured equipment storage. In addition to the trailhead facilities, DRP manages one waterless restroom, which is located between the NAS Whiting Field and the Munson Highway-Equestrian Trailheads. Although not managed by DRP, the NAS Whiting Field Trailhead provides parking, a waterless restroom and picnic facilities. The Trail received both State Designation and National Recreation Trails Designation.

Staff works with many partners to expand and inform the public of the regional opportunities and to coordinate special events. The BHST is included the State Park Online Park Guide, Google maps, the Visit Florida Trails website and in TrailLink.com, a service of the Rails-to-Trails Conservancy that provides information including interactive trail maps, trail descriptions, photos and reviews about trails throughout the nation.

**O. Land Management Review**

An Interagency State Land Management Review (LMR) Team has not toured the property or conducted a LMR. DRP will consider the findings and recommendations of the LMR Team in finalizing the next required update to the BHST Management Plan.

# Map 1.1 – 1.7

## LOCATION

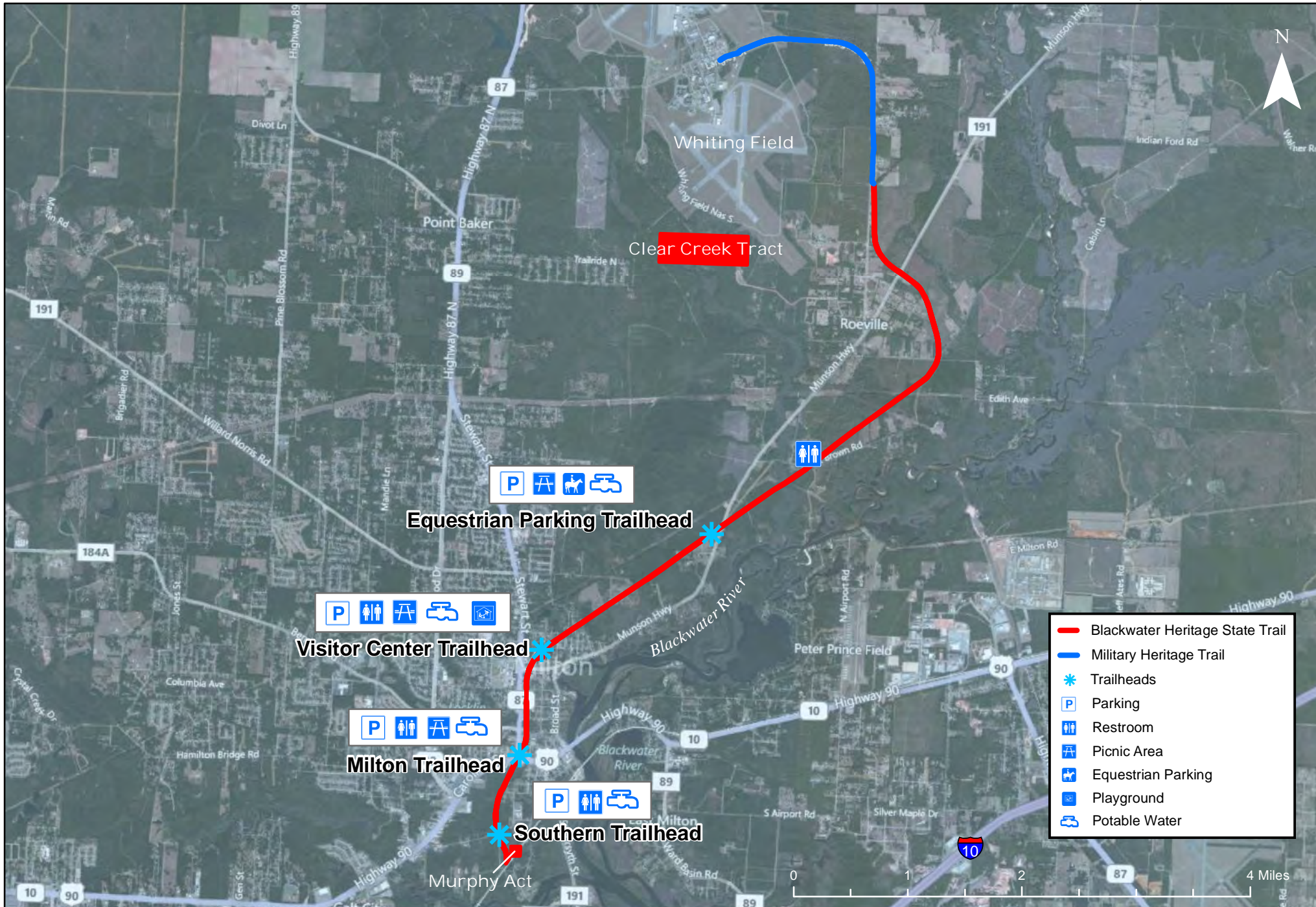
MAP 1.1	AERIAL
MAP 1.2	EXISTING AND PROPOSED FACILITIES (NORTH)
MAP 1.3	EXISTING AND PROPOSED FACILITIES (SOUTH)
MAP 1.4	BOUNDARY
MAP 1.5	PUBLIC LANDS AND TRAIL CONNECTIONS
MAP 1.6	LAND ACQUISITIONS AND OTHER PLANNING EFFORTS AROUND NAS WHITING FIELD
MAP 1.7	HERITAGE PLAZA

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# Blackwater Heritage State Trail Aerial Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. 2010 Aerial Imagery.  
February 14, 2012

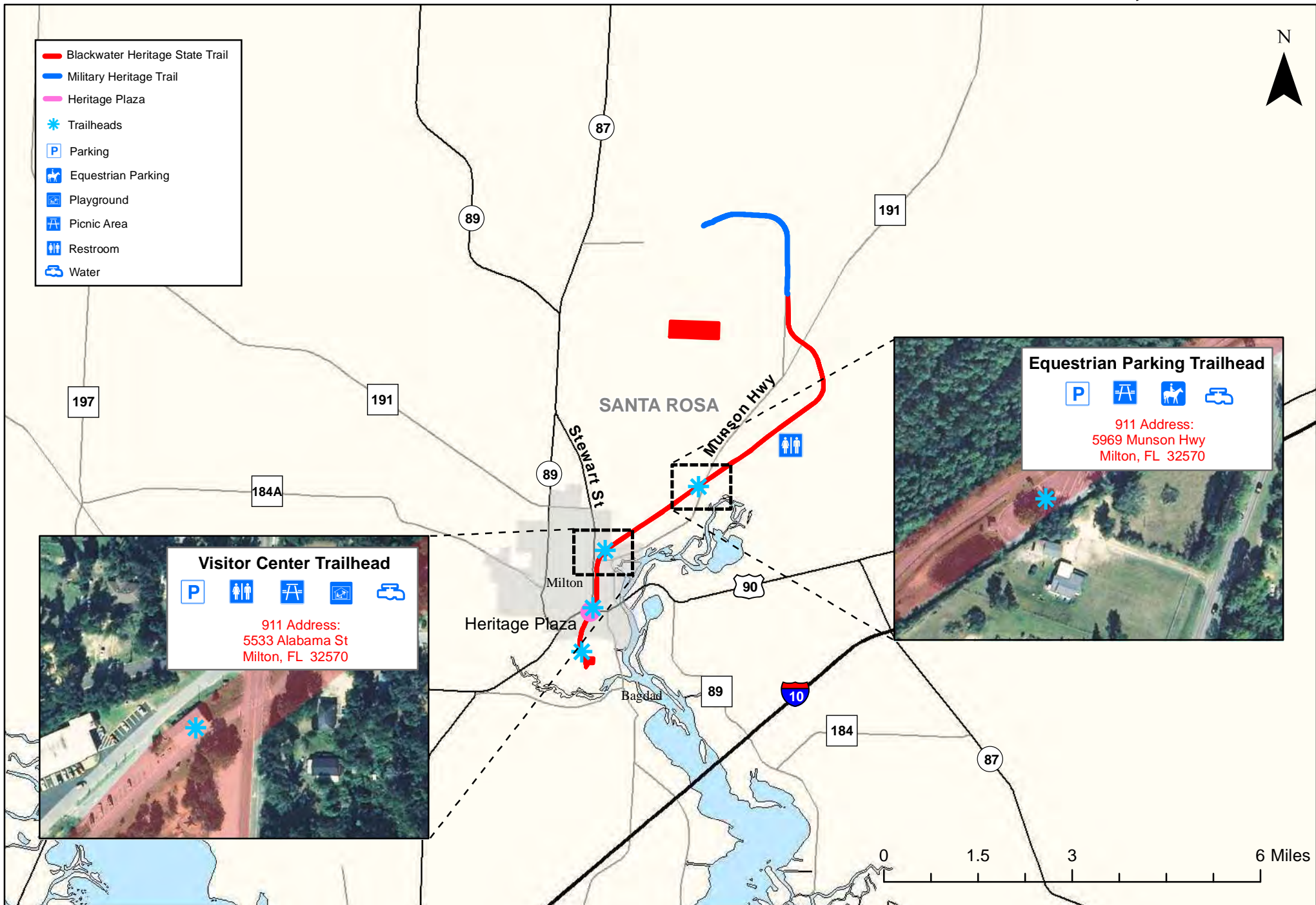


Map 1.1



# Blackwater Heritage State Trail Existing & Proposed Facilities Map

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February 27, 2012



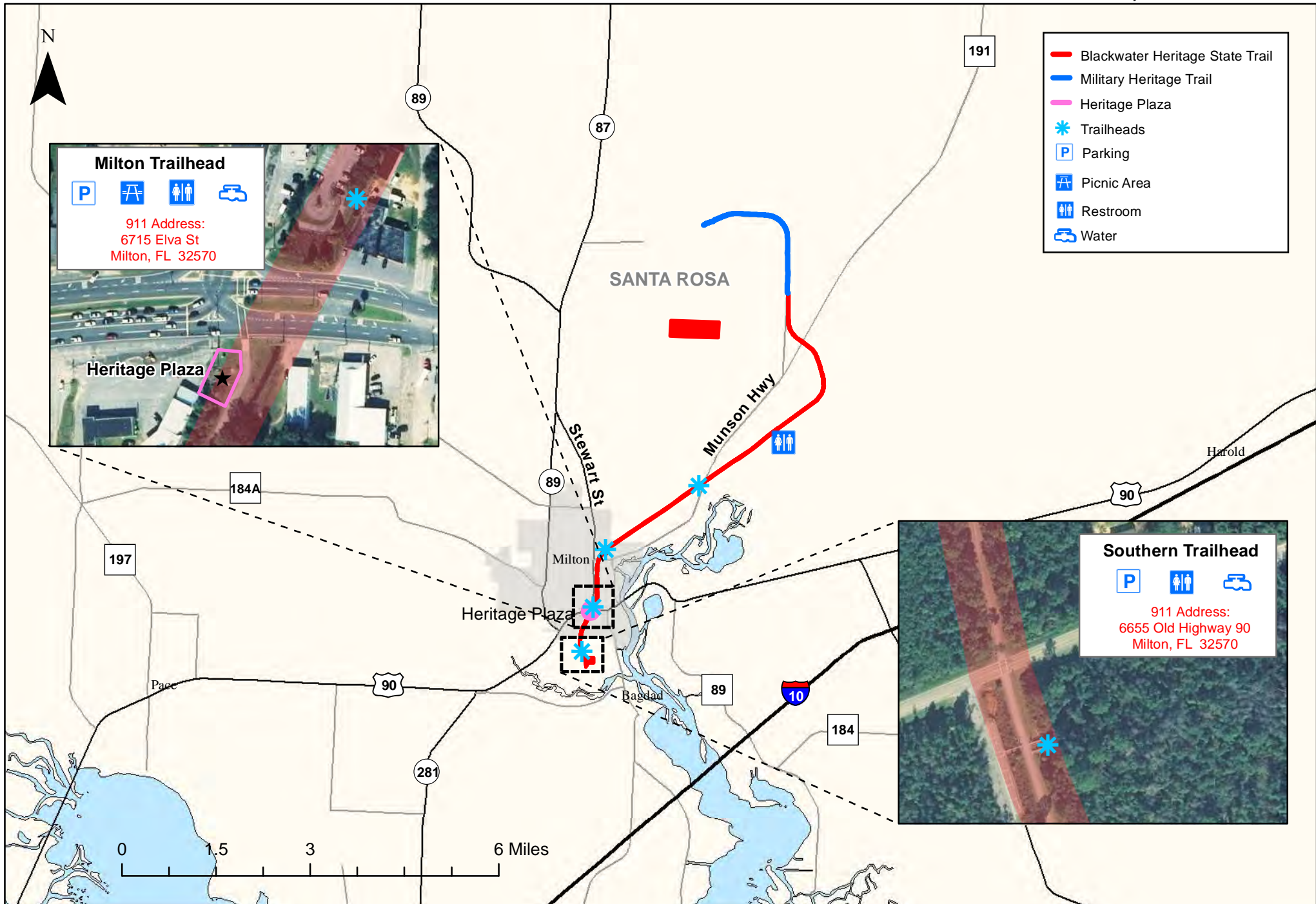
Map 1.2



# Blackwater Heritage State Trail Existing & Proposed Facilities Map

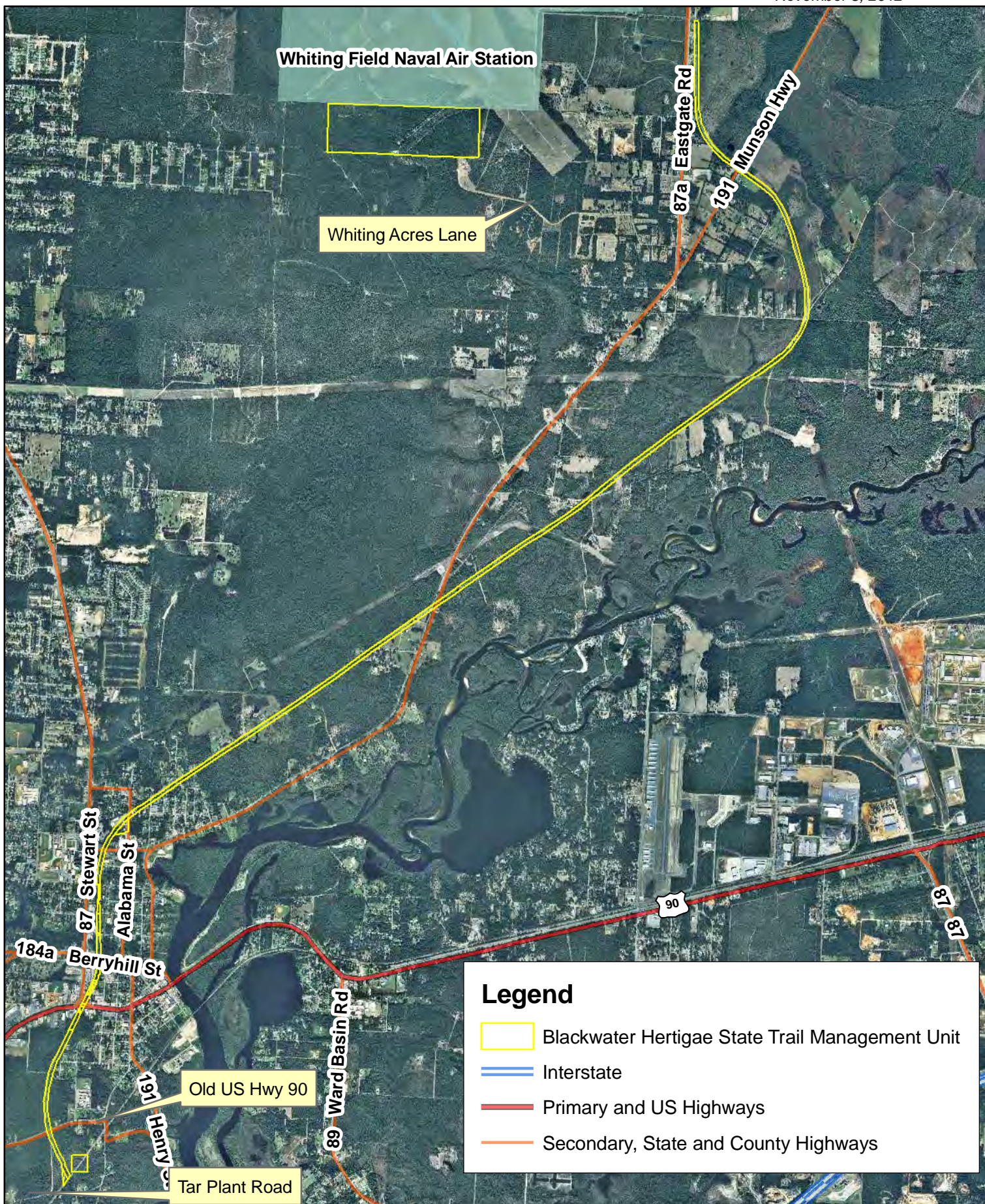
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February 14, 2012



# Blackwater Heritage State Trail Boundary

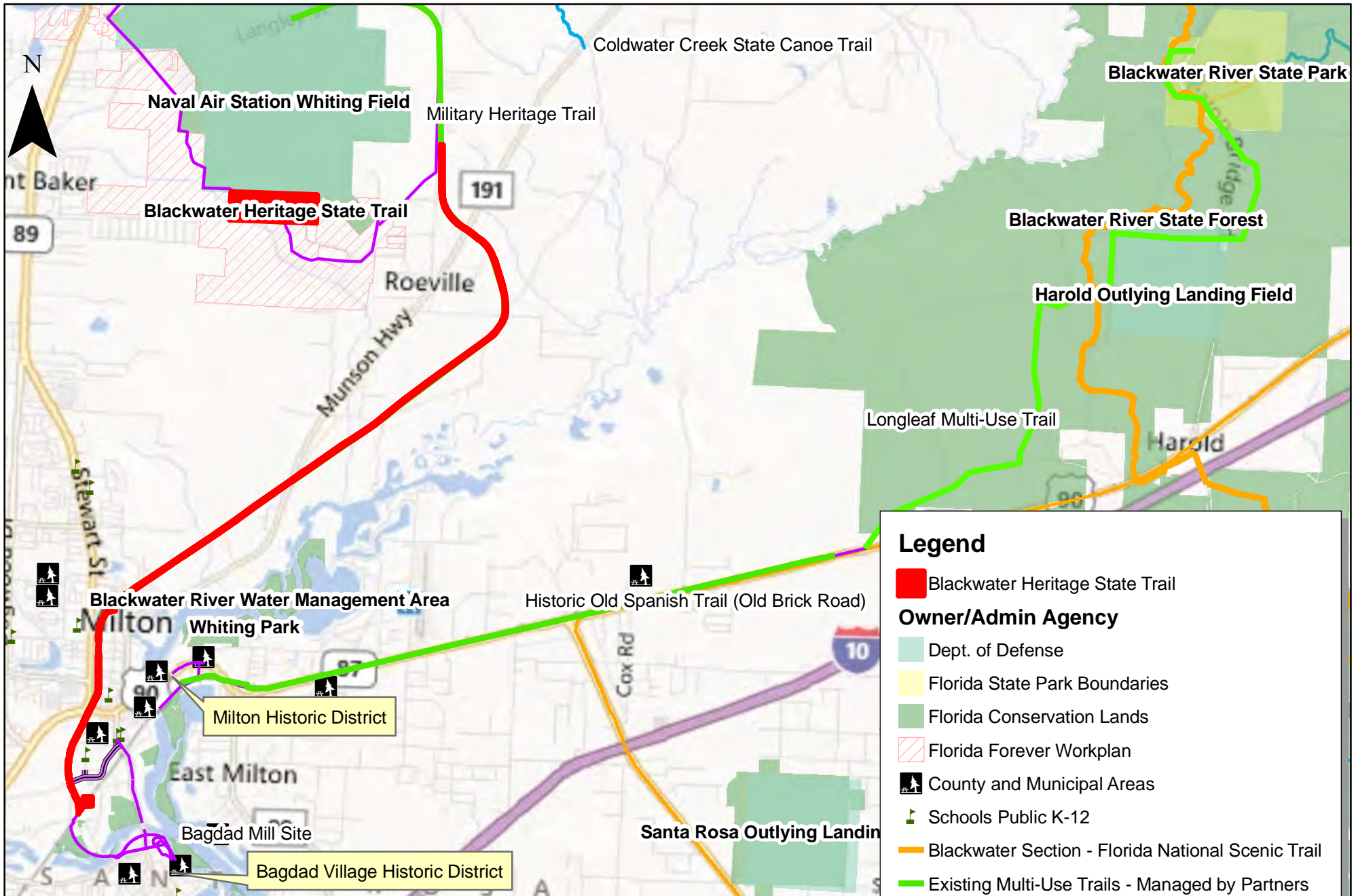
This map was produced by the Office of Greenways & Trails for display purposes only. Any other use is not advised. November 8, 2012





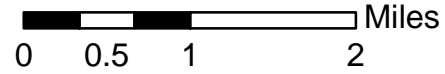
# Blackwater Heritage State Trail Public Lands & Trail Connections

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Greenways & Trails for display purposes only.  
Any other use is not advised.  
November 8, 2012



**Legend**

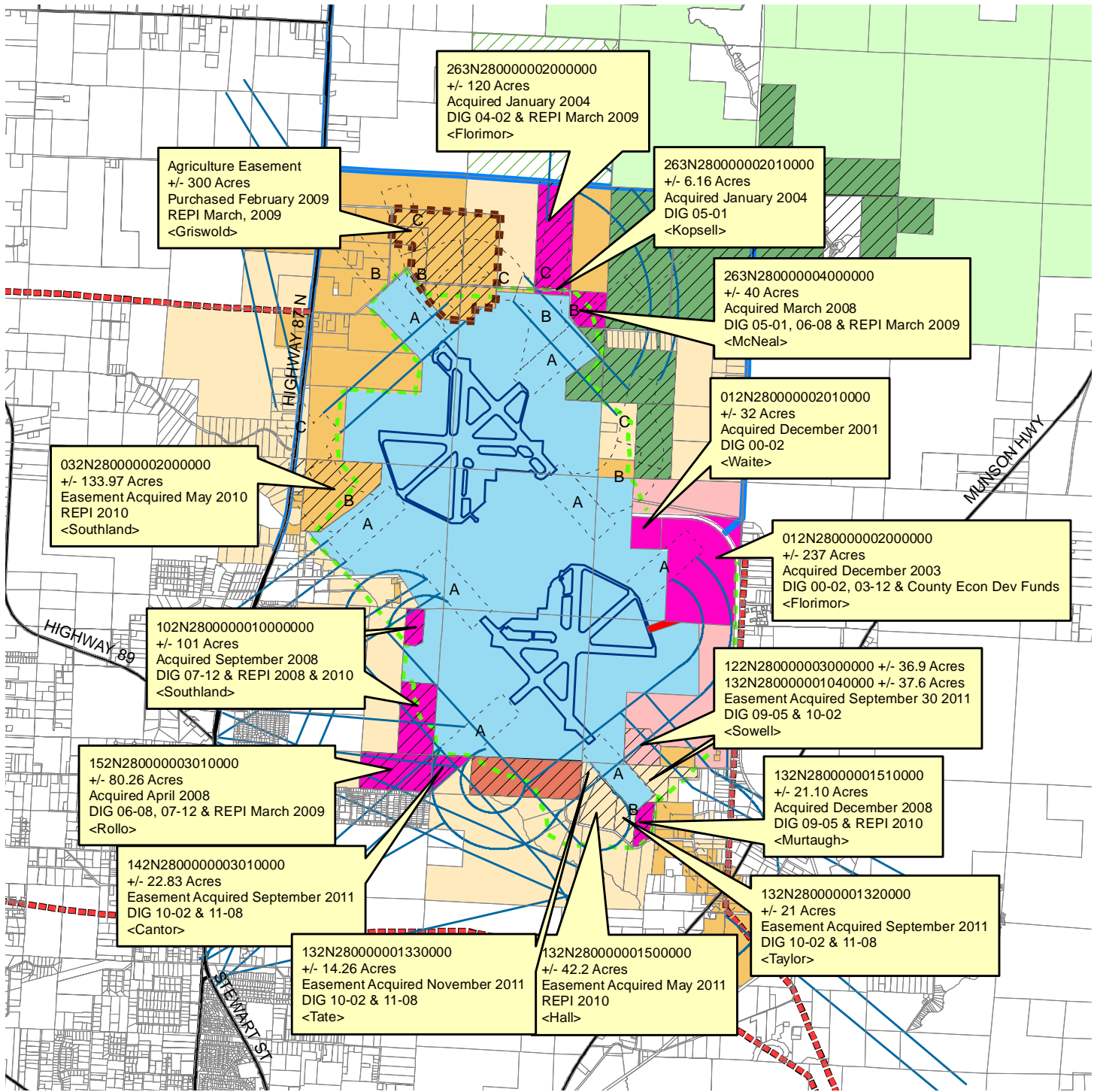
- Blackwater Heritage State Trail
- Owner/Admin Agency**
- Dept. of Defense
- Florida State Park Boundaries
- Florida Conservation Lands
- Florida Forever Workplan
- ▲ County and Municipal Areas
- ▲ Schools Public K-12
- Blackwater Section - Florida National Scenic Trail
- Existing Multi-Use Trails - Managed by Partners
- Future Trails - Developed by Partners



Map 1.5

# Land Acquisition and Other Planning Efforts Around NAS Whiting Field

WORKING DOCUMENT AS OF: November 2, 2011



## Legend

- |                          |  |
|--------------------------|--|
| Whiting Air Park Taxiway | NAS Whiting Field                        |
| Main Roads               | Clear Creek-State of Florida-EP Projects |
| Parcels                  | Navy-Santa Rosa County EP Projects       |
| FlightTracks             | Navy-Santa Rosa County Desired Purchases |
| APZ                      | Acquired - Santa Rosa County             |
| <b>Goal</b>              | Complete                                 |
| 4 Lane                   | Pending                                  |
| Multiple Use Trail       | Ag Easements Purchased                   |
| Possible Bypass Road     |  |

## Florida Forever Projects

- |  |                            |
|--|----------------------------|
| Potential Future Acquisition             | Acquired (DEP Mgt) *       |
| Acquired (Blackwater State Forest Mgt) * | Wolf Creek Forest Proposal |



1 in = 1 mile



0 0.5 1 2 Miles

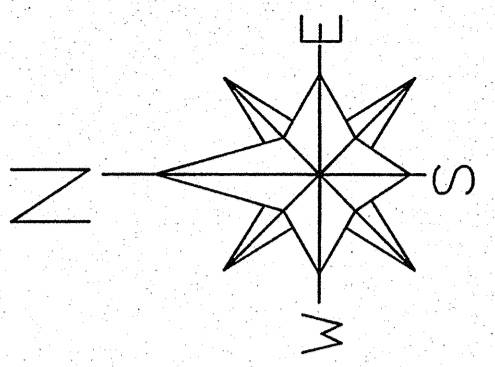
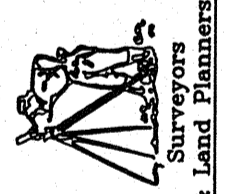
Map Document: (C:\mav's-d-drive\mav\marty-projects\Grants for Land Acquisitions\Plans Around NAS WF Small Map Nov 2011.mxd)  
11/7/2011 - 1:23:48 PM

Map Prepared by:  
Community Planning, Zoning  
and  
Development Division  
January 11, 2006  
Last Update: November 2, 2011

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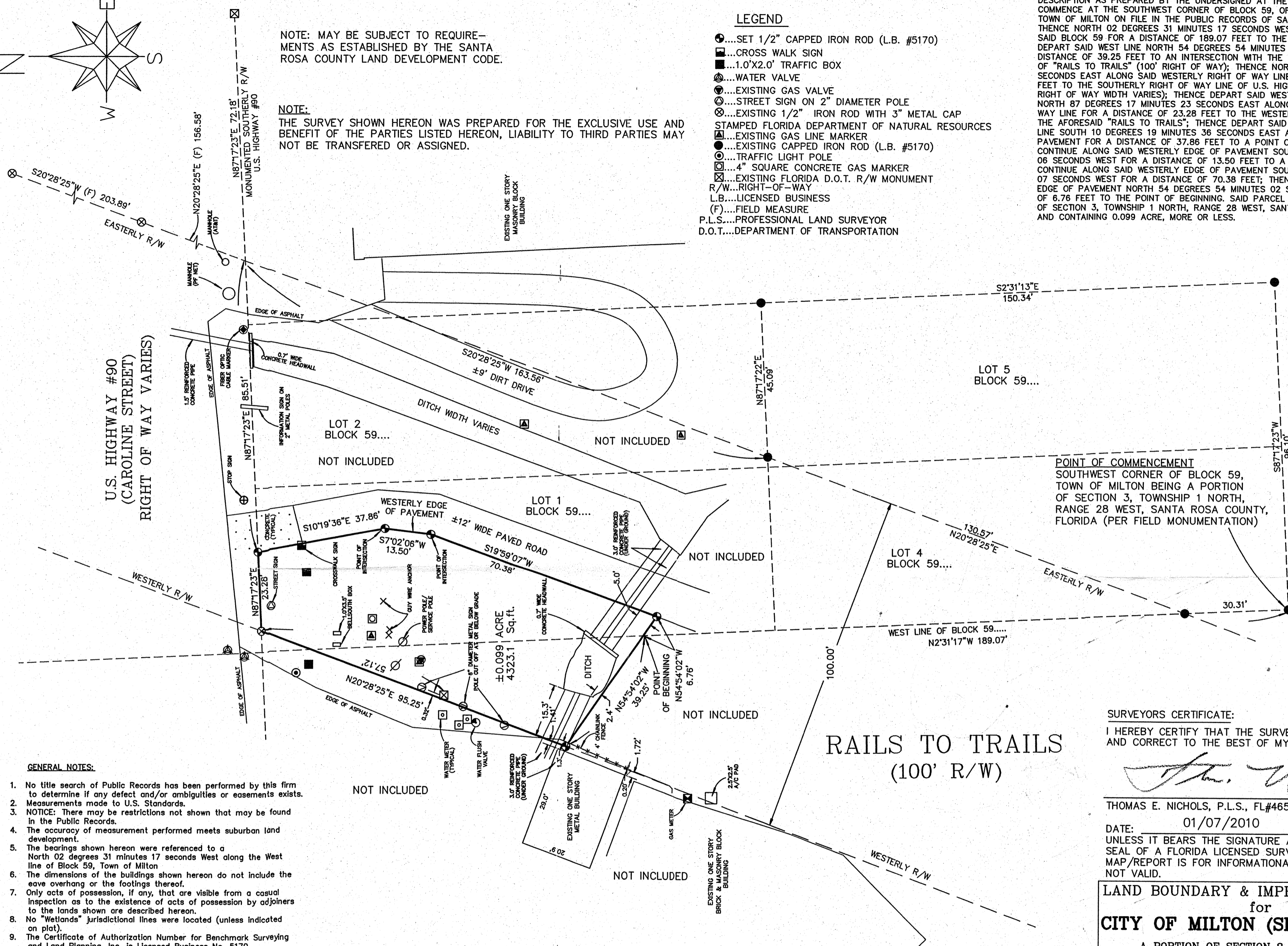
NOTE: MAY BE SUBJECT TO REQUIREMENTS AS ESTABLISHED BY THE SANTA ROSA COUNTY LAND DEVELOPMENT CODE.

NOTE: THE SURVEY SHOWN HEREON WAS PREPARED FOR THE EXCLUSIVE USE AND BENEFIT OF THE PARTIES LISTED HEREON, LIABILITY TO THIRD PARTIES MAY NOT BE TRANSFERRED OR ASSIGNED.

**LEGEND**

- ...SET 1/2" CAPPED IRON ROD (L.B. #5170)
- ...CROSS WALK SIGN
- ...1.0'X2.0' TRAFFIC BOX
- ⊕...WATER VALVE
- ⊕...EXISTING GAS VALVE
- ⊕...STREET SIGN ON 2" DIAMETER POLE
- ⊕...EXISTING 1/2" IRON ROD WITH 3" METAL CAP
- ...EXISTING GAS LINE MARKER
- ...EXISTING CAPPED IRON ROD (L.B. #5170)
- ⊕...TRAFFIC LIGHT POLE
- ⊕...4" SQUARE CONCRETE GAS MARKER
- ⊕...EXISTING FLORIDA D.O.T. R/W MONUMENT
- R/W...RIGHT-OF-WAY
- L.B....LICENSED BUSINESS
- (F)...FIELD MEASURE
- P.L.S....PROFESSIONAL LAND SURVEYOR
- D.O.T....DEPARTMENT OF TRANSPORTATION

DESCRIPTION AS PREPARED BY THE UNDERSIGNED AT THE CLIENTS REQUEST: COMMENCE AT THE SOUTHWEST CORNER OF BLOCK 59, OF THE OFFICIAL PLAT OF THE TOWN OF MILTON ON FILE IN THE PUBLIC RECORDS OF SANTA ROSA COUNTY, FLORIDA; THENCE NORTH 02 DEGREES 31 MINUTES 17 SECONDS WEST ALONG THE WEST LINE OF SAID BLOCK 59 FOR A DISTANCE OF 189.07 FEET TO THE POINT OF BEGINNING; THENCE DEPART SAID WEST LINE NORTH 54 DEGREES 54 MINUTES 02 SECONDS WEST FOR A DISTANCE OF 39.25 FEET TO AN INTERSECTION WITH THE WESTERLY RIGHT OF WAY LINE OF "RAILS TO TRAILS" (100' RIGHT OF WAY); THENCE NORTH 20 DEGREES 28 MINUTES 25 SECONDS EAST ALONG SAID WESTERLY RIGHT OF WAY LINE FOR A DISTANCE OF 95.25 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF U.S. HIGHWAY #90 (CAROLINE STREET, RIGHT OF WAY WIDTH VARIES); THENCE DEPART SAID WESTERLY RIGHT OF WAY LINE NORTH 87 DEGREES 17 MINUTES 23 SECONDS EAST ALONG SAID SOUTHERLY RIGHT OF WAY LINE SOUTH 10 DEGREES 19 MINUTES 36 SECONDS EAST ALONG SAID WESTERLY EDGE OF PAVEMENT FOR A DISTANCE OF 37.86 FEET TO A POINT OF INTERSECTION; THENCE CONTINUE ALONG SAID WESTERLY EDGE OF PAVEMENT SOUTH 07 DEGREES 02 MINUTES 06 SECONDS WEST FOR A DISTANCE OF 13.50 FEET TO A POINT OF INTERSECTION; THENCE CONTINUE ALONG SAID WESTERLY EDGE OF PAVEMENT SOUTH 19 DEGREES 59 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 70.38 FEET; THENCE DEPART SAID WESTERLY EDGE OF PAVEMENT NORTH 54 DEGREES 54 MINUTES 02 SECONDS WEST FOR A DISTANCE OF 6.76 FEET TO THE POINT OF BEGINNING. SAID PARCEL LYING IN AND BEING A PORTION OF SECTION 3, TOWNSHIP 1 NORTH, RANGE 28 WEST, SANTA ROSA COUNTY, FLORIDA, AND CONTAINING 0.099 ACRE, MORE OR LESS.



**GENERAL NOTES:**

1. No title search of Public Records has been performed by this firm to determine if any defect and/or ambiguities or easements exists.
2. Measurements made to U.S. Standards.
3. NOTICE: There may be restrictions not shown that may be found in the Public Records.
4. The accuracy of measurement performed meets suburban land development.
5. The bearings shown hereon were referenced to a North 02 degrees 31 minutes 17 seconds West along the West line of Block 59, Town of Milton
6. The dimensions of the buildings shown hereon do not include the eave overhang or the footings thereof.
7. Only acts of possession, if any, that are visible from a casual inspection as to the existence of acts of possession by adjoining lands shown are described hereon.
8. No "Wetlands" jurisdictional lines were located (unless indicated on plat).
9. The Certificate of Authorization Number for Benchmark Surveying and Land Planning, Inc. is Licensed Business No. 5170.
10. This survey does not reflect or determine ownership.
11. The survey datum shown was referenced to actual field evidence and monumentation, furnished descriptions, survey drawings by Benchmark Surveying and Land Planning, Inc., job no. M89-515-040, dated 10/24/89, job no. 89-496, survey drawing by Bromfield B. Nichol order no. 75163, survey map by O.M. Carter Registered Land Surveyor #18 dated July 9, 1938, and a boundary survey of Rails to Trails Milton to Whiting Field by Baskerville-Donovan Engineers Inc., dated 02/21/1991
12. F.S.61G17-6.003 "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER" ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

**FLOOD STATEMENT:**

This is to certify that I have consulted the available Federal Insurance Administration Flood Hazard Map, Map number 12113C 0431 G, dated 12/19/06 and it is my opinion that the above described property is in flood zone "X" areas determined to be outside the 0.2% annual chance floodplain.

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 THIS SURVEY CANNOT BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY, FIRM, OR FINANCIAL TRANSACTION WITHOUT CONSENT BY THE COPYRIGHT OWNER.

**SURVEYORS CERTIFICATE:**  
 I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Thomas E. Nichols*

THOMAS E. NICHOLS, P.L.S., FL#4657  
 DATE: 01/07/2010

UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS MAP/REPORT IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

**LAND BOUNDARY & IMPROVEMENTS SURVEY**  
 for  
**CITY OF MILTON (SHARON HOLLEY)**

A PORTION OF SECTION 3, TOWNSHIP 1 NORTH,  
 RANGE 28 WEST, SANTA ROSA COUNTY, FLORIDA

REVISIONS:			BENCHMARK		
NO.:	DATE:	BY:	Surveying & Land Planning, Inc.		
			7200 Chumuckla Highway Pace, Florida 32571 (850) 994-4882		
			FIELD BOOK:	PAGE:	DATE:
			672	73-77	01/05/10
			DRAWN BY:	DATE:	JOB NO.:
			RLA	01/07/10	M09-570 2651
			SCALE:	APPROVED:	SHEET NO.:
			1"=20'	TEN	1 OF 1

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# Map 2.1 – 2.5

## RESOURCES

MAP 2.1	SURRGO SOILS
MAP 2.2	COOPERATIVE LANDCOVER (FNAI, 2010)
MAP 2.3	WATER RESOURCES
MAP 2.4	HISTORIC RESOURCES
MAP 2.5	FUTURE LAND USE

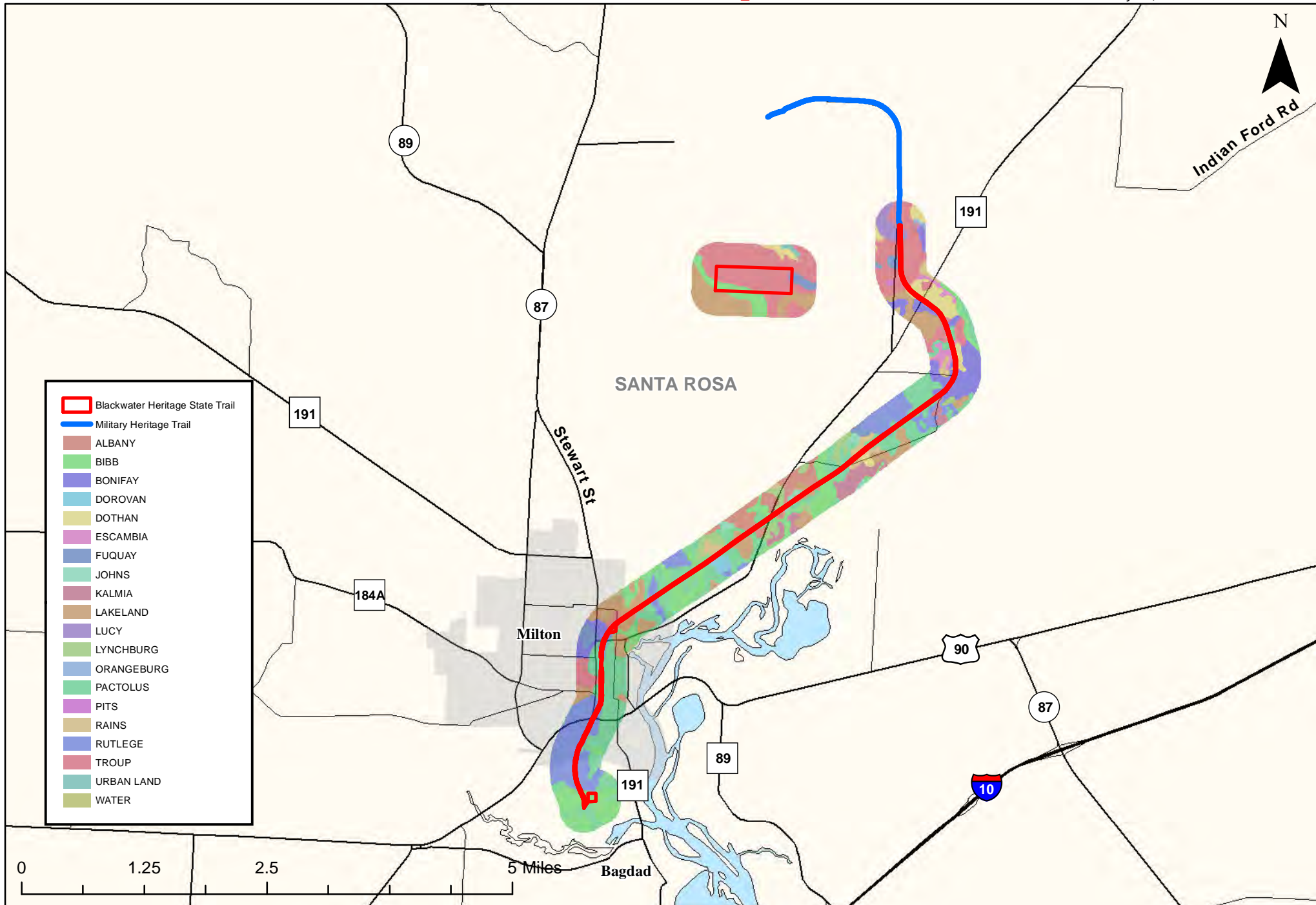
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# Blackwater Heritage State Trail SSURGO Soils Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Map symbology based on the compname field soils descriptions derived from 2010 SSURGO Soils data.

February 14, 2012



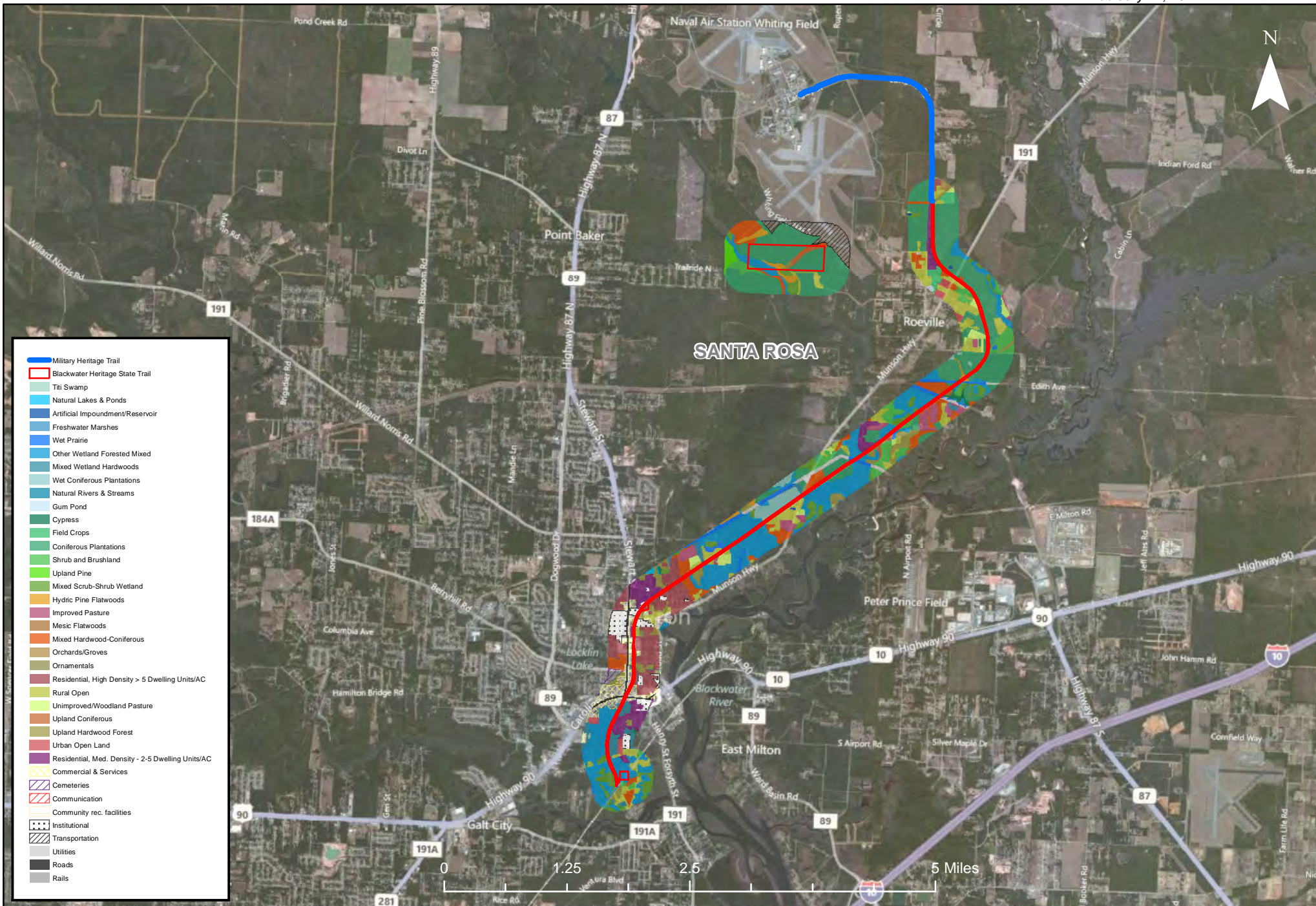
Map 2.1



# Blackwater Heritage State Trail Cooperative Landcover Map (FNAI, 2010)

*This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. FNAI Landcover data 2010.*

February 14, 2012



- Military Heritage Trail
- Blackwater Heritage State Trail
- Tidal Swamp
- Natural Lakes & Ponds
- Artificial Impoundment/Reservoir
- Freshwater Marshes
- Wet Prairie
- Other Wetland Forested Mixed
- Mixed Wetland Hardwoods
- Wet Coniferous Plantations
- Natural Rivers & Streams
- Gum Pond
- Cypress
- Field Crops
- Coniferous Plantations
- Shrub and Brushland
- Upland Pine
- Mixed Scrub-Shrub Wetland
- Hydric Pine Flatwoods
- Improved Pasture
- Mesic Flatwoods
- Mixed Hardwood-Coniferous
- Orchards/Groves
- Ornamentals
- Residential, High Density > 5 Dwelling Units/AC
- Rural Open
- Unimproved/Woodland Pasture
- Upland Coniferous
- Upland Hardwood Forest
- Urban Open Land
- Residential, Med. Density - 2-5 Dwelling Units/AC
- Commercial & Services
- Cemeteries
- Communication
- Community rec. facilities
- Institutional
- Transportation
- Utilities
- Roads
- Rails

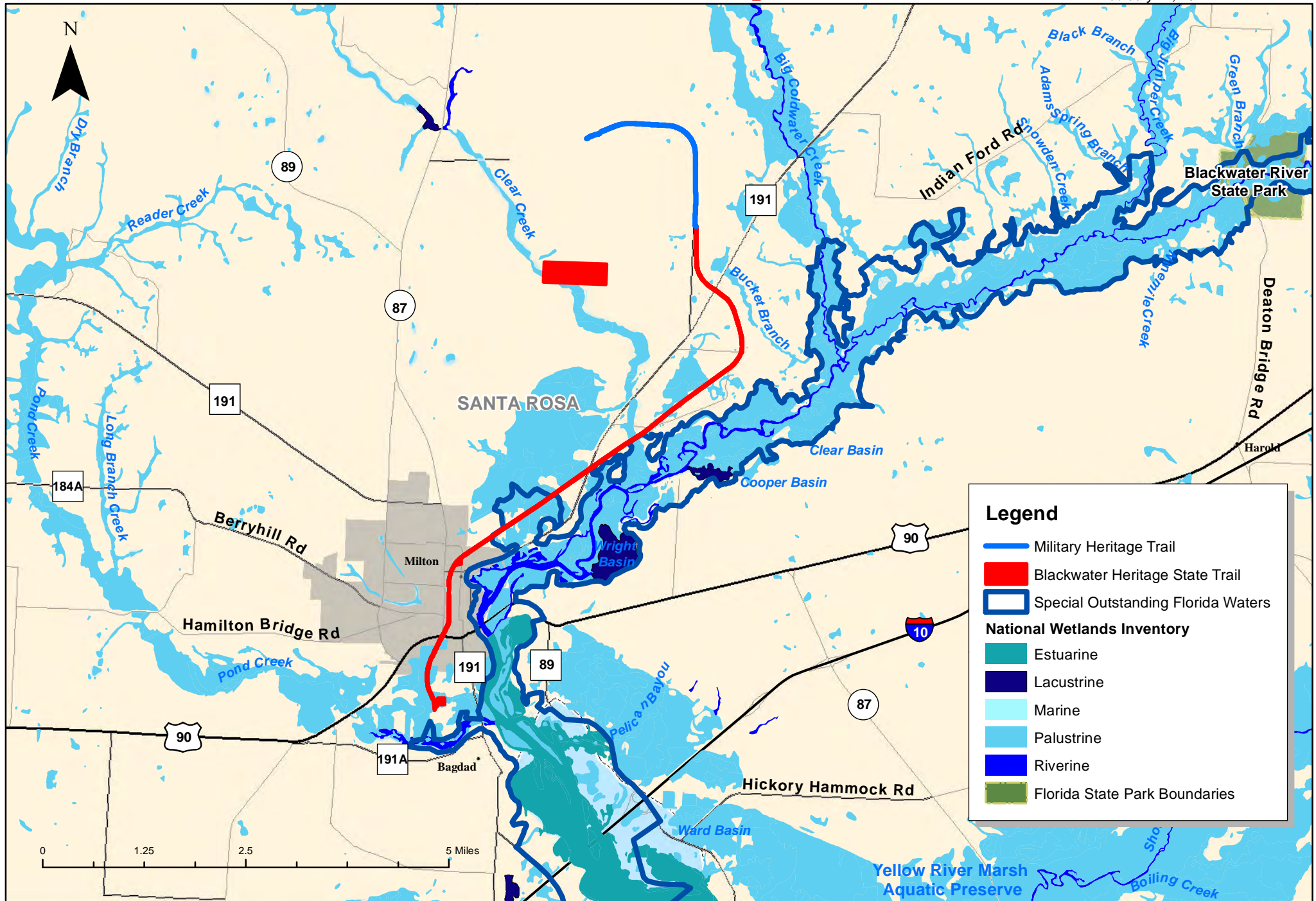
Map 2.2





# Blackwater Heritage State Trail Water Resources Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. Wetlands were derived from USGS DLG hydrography data.  
February 14, 2012



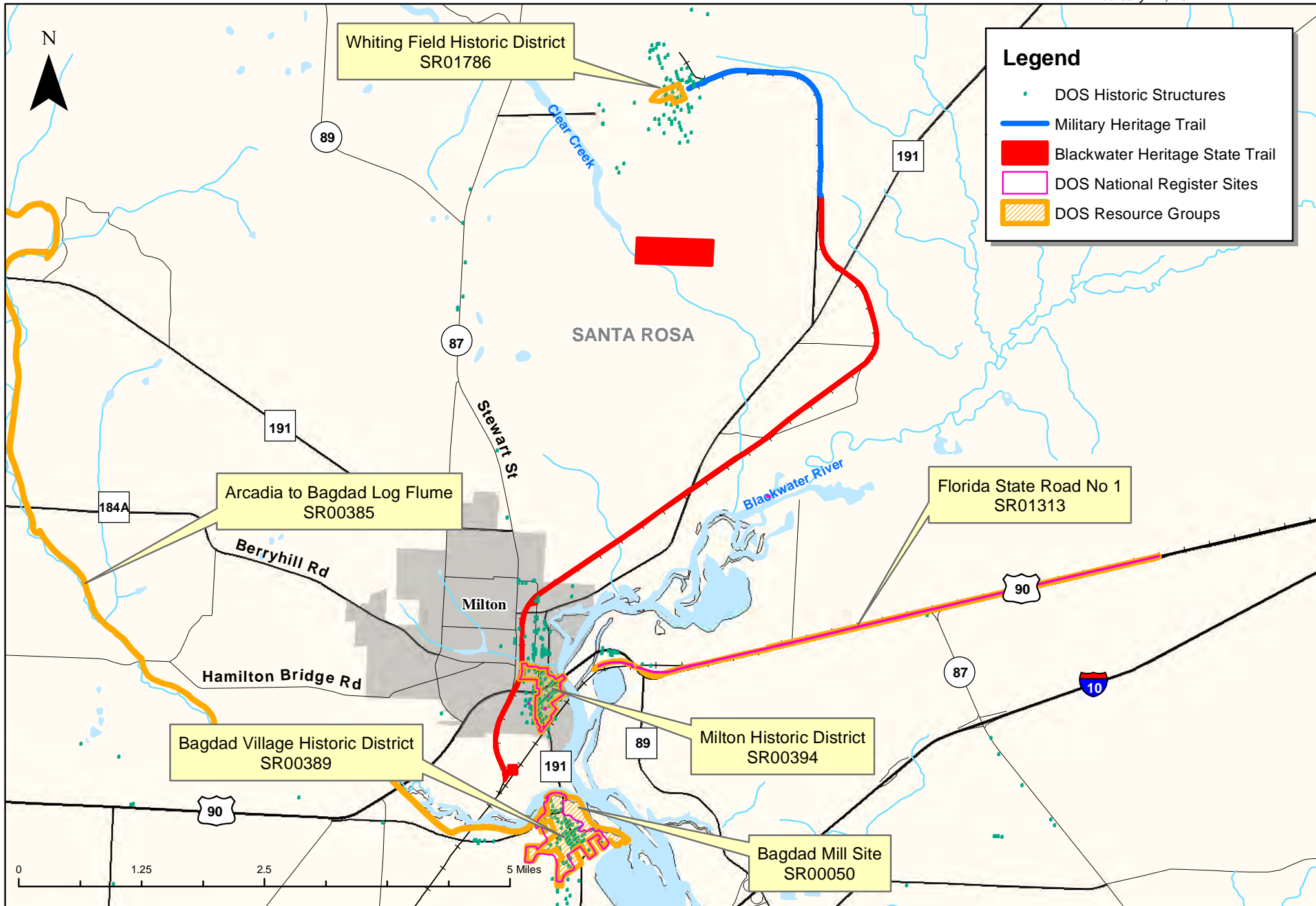
Map 2.3



# Blackwater Heritage State Trail Historic Resources Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. Historic data provided by the Department of State.

February 14, 2012

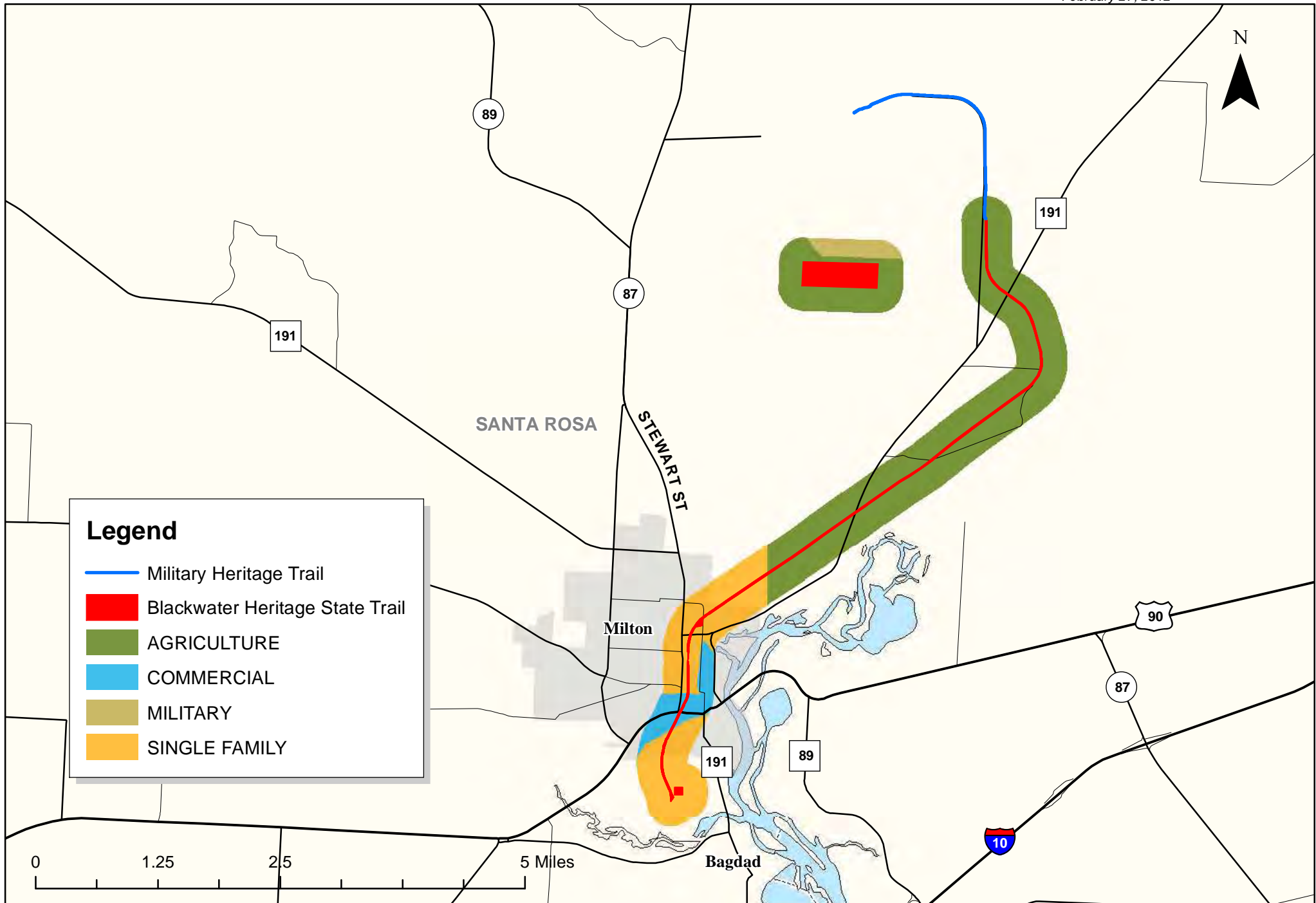


Map 2.4



# Blackwater Heritage State Trail Future Land Use Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. Future Land use data provided by the University of Florida Geoplan Center - Update 6/29/09.  
February 27, 2012



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# **APPENDIX A**

**Lease**

**Legal Description**

**Warranty Deed**

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Assignment/Assumption of Lease #4024  
DEP/Recreation & Parks to  
DEP/Office of Greenways & Trails

## STR's for Santa Rosa County

Section: 7, 18, 19 ✓

Twp: 02N

Rge: 27W

Section: 24, 25, 26, 34, 35 ✓

Twp: 02N

Rge: 28W

Section: 3, 10

Twp: 01N

Rge: 28W

***THIS PAGE IS FOR INFORMATION  
PURPOSES ONLY***



4024

AOLI

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT  
TRUST FUND OF THE STATE OF FLORIDA  
ASSIGNMENT AND ASSUMPTION  
OF

Lease Numbers 3876, 3910, 4015, 4024,  
4193, 4338, and 4341

The Department of Environmental Protection, Division of Recreation and Parks, ("Assignor"), for value received, does, subject to written consent of the Board of Trustees of the Internal Improvement Fund of the State of Florida ("Lessor"), hereby assign, transfer and convey 100% of its rights, title, and interest vested under the above referenced leases approved by the Lessor (the "Leases"), made and entered into by and between Lessor and Assignor as Lessee under the Leases, to the Department of Environmental Protection, Office of Greenways and Trails ("Assignee"), for and during the remainder of the term of the Leases and all renewals thereof, subject to the full payment of fees and the performance of all covenants, conditions, and provisions required to be performed by the Lessee under the terms of the Leases, and subject to the conditions and provisions therein set forth.

Department of Environmental  
Protection, Division of Recreation and  
Parks

By: Albert G. Gregory (SEAL)  
Albert G. Gregory  
Its: Chief, Office of Park Planning

Wilan Rostman  
Witness  
Print/Type Witness Name

GEMECHE DUBER  
Witness  
Print/Type Witness Name

"ASSIGNOR"

STATE OF Florida  
COUNTY OF Leon

The foregoing instrument was acknowledged before me this 4<sup>th</sup>  
day of February, 2004, by Albert G. Gregory, Chief, Office of  
Park Planning, on behalf of the Division of Recreation and Parks,  
Department of Environmental Protection. He is personally known to me.

Dick H. Dyer  
Notary Public, State of Florida  
Date: Feb 4, 2004  
Commission # DD122787  
Expires June 20, 2006  
Printed Through Notary.com, Inc.

Commission Number:  
Commission Expires:

ACCEPTANCE OF ASSIGNMENT AND ASSUMPTION OF LEASES

The Department of Environmental Protection, Office of Greenways and Trails ("Assignee"), in consideration of the foregoing Assignment, subject to written consent of the Lessor, does hereby accept assignment of the Leases, as Lessee, and assumes and agrees for the benefit of the Lessor to make all payments, and agrees to perform all covenants, agreements, conditions and provisions of the Leases. Further, Assignee agrees that it, its successors and assigns shall be bound for the due performance herein in the same manner as was the Assignor, as the original Lessee named in the Leases, for and during the remainder of the term of the Leases and all renewals thereof.

Department of Environmental Protection, Office of Greenways and Trails

Destiny Bryant  
Witness  
Destiny L. Bryant  
Print/Type Witness Name

Kimberly D. Gibson  
Witness  
Kimberly D. Gibson  
Print/Type Witness Name

By: Jena B. Brooks (SEAL)  
Jena B. Brooks  
Its: Director, Office of Greenways and Trails

"ASSIGNEE"

STATE OF Florida  
COUNTY OF Leon

The foregoing instrument was acknowledged before me this 3<sup>rd</sup> day of February, 2004, by Jena B. Brooks, Director, Office of Greenways and Trails, on behalf of the Department of Environmental Protection. She is personally known to me.



Shannon Franklin  
MY COMMISSION # DD119914 EXPIRES  
May 23, 2006  
BONDED THRU TROY FAIR INSURANCE, INC.

Shannon Franklin  
Notary Public, State of Florida  
Shannon Franklin  
Print/Type Notary Name

Commission Number: DD119914

Commission Expires: May 23, 2006

CONSENT TO ASSIGNMENT AND ASSUMPTION OF LEASES

The BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, the Lessor of the property described in the Leases consents to the foregoing Assignment and Assumption of Leases this 4th day of February, 2004.

BOARD OF TRUSTEES OF THE INTERNAL  
IMPROVEMENT TRUST FUND OF THE STATE  
OF FLORIDA

BY: Gloria C. Nelson (SEAL)  
GLORIA C. NELSON, OPERATIONS  
AND MANAGEMENT CONSULTANT  
MANAGER, BUREAU OF PUBLIC LAND  
ADMINISTRATION, DIVISION OF  
STATE LANDS, DEPARTMENT OF  
ENVIRONMENTAL PROTECTION


"LESSOR"

Approved as to Form and Legality

By: Sam H. Hester  
DEP Attorney

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 4th day of February, 2004, by Gloria C. Nelson, Operations and Management Consultant Manager, Bureau of Public Land Administration, Division of State Lands, Department of Environmental Protection, as agent for and on behalf of the Board of Trustees of the Internal Improvement Trust fund of the State of Florida. She is personally known to me.

(SEAL)  Sylvia S. Roberts  
MY COMMISSION # DD035841 EXPIRES  
July 25, 2005  
BONDED THRU TROY FAIR INSURANCE, INC.

Sylvia S. Roberts  
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:

Commission Expires:

(1) 4024 ✓

SAL8103

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND  
OF THE STATE OF FLORIDA

LEASE AGREEMENT

MILTON TO WHITING FIELD  
RAILS-TO-TRAILS

Lease No. 4024

This lease is made and entered into this 31<sup>st</sup> day of January 1994, between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR", and the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DIVISION OF RECREATION AND PARKS, hereinafter referred to as "LESSEE".

WITNESSETH:

WHEREAS, the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA holds title to certain lands and property being utilized by the State of Florida for public purposes, and

WHEREAS, the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA is authorized in Section 253.03, Florida Statutes, to enter into leases for the use, benefit and possession of public lands by State agencies which may properly use and possess them for the benefit of the people of the State of Florida;

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements hereinafter contained, LESSOR leases the below described premises to LESSEE subject to the following terms and conditions:

1. DELEGATIONS OF AUTHORITY: LESSOR'S responsibilities and obligations herein shall be exercised by the Division of State Lands, Department of Environmental Protection.

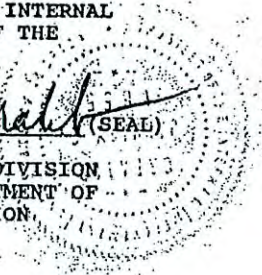
2. DESCRIPTION OF PREMISES: The property subject to this lease, is situated in the County of Santa Rosa, State of Florida and is more particularly described in Exhibit "A" attached hereto and hereinafter called the "leased premises".

35. SPECIAL CONDITIONS: The following special conditions shall apply to this lease.

IN WITNESS WHEREOF, the parties have caused this lease to be executed on the day and year first above written.

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA

By: Daniel T. Crabb (SEAL)  
CHIEF, BUREAU OF LAND MANAGEMENT SERVICES, DIVISION OF STATE LANDS, DEPARTMENT OF ENVIRONMENTAL PROTECTION



Mildred J. Coughlin  
Witness  
Mildred J. Coughlin  
Print/Type Witness Name

Bonnie Wilson  
Witness  
Bonnie Wilson  
Print/Type Witness Name

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 31<sup>st</sup> day of January, 1994, by Daniel T. Crabb, as Chief, Bureau of Land Management Services, Division of State Lands, Department of Environmental Protection, who is personally known to me and who did not take an oath.

(SEAL) SYLVIA V. SCOTT  
MY COMMISSION # CC295550 EXPIRES  
JULY 25, 1997  
BONDED THRU TRY FARM INSURANCE, INC.

Sylvia V. Scott  
Notary Public, State of Florida  
Sylvia V. Scott  
Print/Type Notary Name

Commission Number: CC295550  
My Commission Expires: July 25, 1997

Approved as to Form and Legality

By: B. Brando  
DEP Attorney

QUITCLAIM DEED

The UNITED STATES OF AMERICA, acting by and through the Secretary of the Interior, acting by and through the Associate Regional Director, Planning and External Affairs, Southeast Region, National Park Service, under and pursuant to the power and authority contained in the provisions of the Federal Property and Administrative Services Act of 1949 (63 Stat. 377), as amended, and particularly as amended by Public Law 485, 91st Congress, and regulations and orders promulgated thereunder, (hereinafter designated "Grantor"), for and in consideration of the perpetual use of the hereinafter described premises for public recreation area purposes by the State of Florida Board of Trustees of the Internal Improvement Trust Fund (hereinafter designated "Grantee"), does hereby release and quitclaim to Grantee, and to its successors and assigns, subject to the reservations hereinafter expressed and set forth, all Grantor's right, title and interest in and to the following described property in Santa Rosa County, Florida, consisting of approximately 96.475 acres:

PARCEL 23

73.775 ACRES MORE OR LESS LOCATED IN SANTA ROSA COUNTY, FLORIDA. (RAILROAD RIGHT-OF-WAY TO WHITING FIELD, SANTA ROSA COUNTY, FLORIDA).

A right-of-way, 100 feet wide, except as hereinafter noted, being all that parcel of land lying within two lines parallel to and 50 feet distant from the center line of a railroad as now constructed from a point on the Louisville and Nashville Railroad right-of-way in the southwest quarter of the northwest quarter of Section 10, Township 1 North, Range 28 West, Santa Rosa County, Florida. The references to lots and blocks refer to the official maps of Milton, Florida and additions thereto, in Section 3, Township 1 North, Range 28 West, and Section 34, Township 2 North, Range 28 West, on file in the office of the County Clerk of said County. Together with a triangular parcel of land at the intersection of the herein described right-of-way with the northwesterly right-of-way line of the Louisville and Nashville Railroad hereinbefore mentioned.

This deed prepared in the Office of the Regional Solicitor, Southeast Region, U. S. Department of the Interior, 75 Spring Street, S.W., Atlanta, Georgia 30303.

NO. 4024  
EXHIBIT A  
PAGE 12 OF 31

SUB-PARCEL 23-X

THAT portion of the west half of the west half of Section 10, Township 1 North, Range 28 West, described as follows: COMMENCING at the southeast corner of the southwest quarter of the northwest quarter of said Section 10; thence S. 87° 00' W., along the south line of the southwest quarter of the northwest quarter of Section 10, a distance of 115.2 feet; thence N. 29° 00' W., 3.7 feet to an intersection with the northwesterly right-of-way line of the Louisville and Nashville Railroad; then S. 31° 04' W., along the northwesterly right-of-way line of said railroad a distance of 57.7 feet to the point of beginning at the intersection with the westerly right-of-way line of the Florida-Alabama Railroad; thence N. 29° 00' W., along the westerly right-of-way line of the Florida-Alabama Railroad, a distance of 334.3 feet; thence S. 7° 22' E., a distance of 466.0 feet to a point on the northwesterly right-of-way line of the Louisville-Nashville Railroad; thence N. 31° 04' E., along the westerly right-of-way line of said railroad a distance of 198.3 feet to point of beginning. CONTAINING 0.54 acres more or less.

SUB-PARCEL 23A Through W1/2 of NW1/4 of Sec. 10 and SW1/4 of SW1/4 of Sec. 3, T. 1N., R. 28 W.

COMMENCING at the southeast corner of the southwest quarter of the northwest quarter of Section 10, Township 1 North, Range 28 West; thence S. 87° W., along the south line of the northwest quarter of Section 10, 115.2 feet; thence N. 29° 00' W., 3.7 feet to the point of intersection of the northwesterly right-of-way line of the Louisville and Nashville Railroad with the center line of the herein described right-of-way, the true point of beginning of this description. Thence with said right-of-way line of the Louisville and Nashville Railroad, S. 31° 04' W., 57.7 feet; thence N. 29° 00' W., 932.9 feet to the point of curvature of a curve to the right with radius of 2909.1 feet; thence with the arc of said curve 2525.5 feet to point of tangency; thence N. 20° 30' E., 759.3 feet to a point in the north line of southwest quarter of southwest quarter of said Section 3, S. 87° 00' W., 262.4 feet from the northeast corner of the southwest quarter of the southwest quarter of said section; thence with said line N. 87° 00' E., 109.0 feet; thence S. 20° 30' W., 802.7 feet to the point of curvature of a curve to the left with a radius of 2809.1 feet; thence with the arc of said curve 2438.4 feet to point of tangency; thence S. 29° 00' E., 875.3 feet to a point on the aforesaid right-of-way line of the Louisville and Nashville Railroad; thence with said

NO. 4024  
 EXHIBIT A  
 PAGE 13 OF 31

right-of-way line S. 31° 04' W., 57.7 feet to point of beginning, containing 9.57 acres more or less. (The center line of the herein described parcel passes through a point 625.2 feet east of the southwest corner of the northwest quarter of the northwest quarter of Section 10, and 620 feet east of the northwest corner of said northwest quarter of southwest quarter.

SUB-PARCEL 23B Through NW1/4 of SW1/4 of Sec. 3, T. 1 N., R. 28 W.

BEGINNING at the point of intersection of the herein described center line and the south line of the northwest quarter of the southwest quarter of Section 3, Township 1 North, Range 28 West, being S. 87° 00' W., 207.9 feet from the southeast corner thereof; thence with said line S. 87° 00' W., 54.5 feet; thence N. 20° 30' E., 658.0 feet to a point in the east line of said northwest quarter of southwest quarter, being S. 3° 00' E., 58.4 feet from northwest corner of Block 59 of Milton, Florida. Thence S. 3° 00' E., with the west line of said block, 250.8 feet; thence S. 20° 30' W., 384.7 feet; thence S. 87° 00' W., 54.5 feet to the point of beginning, containing 1.22 acres more or less.

SUB-PARCEL 23C Through Block 59, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the west line of said Block 59, S. 3° 00' E., 183.8 feet from its northwest corner; thence with said block line N. 3° 00' W., 125.4 feet; thence N. 20° 30' E., 63.7 feet to a point on the north line of said block, N. 87° E., 25.4 feet from the northwest corner thereof; thence with said line N. 87° 00' E., 109.0 feet; thence S. 20° 30' W., 336.5 feet to a point in the west line of said block; thence N. 3° 00' W., with said line 125.4 feet to the point of beginning, containing 0.46 acres or less.

SUB-PARCEL 23D Through Block 55, Milton, Florida.

Beginning at the point of intersection of the herein described center line and the south line of said block 55, N. 87° 00' E., 106.0 feet from the southwest corner thereof; thence with said block line, S. 87° 00' W., 54.5 feet; thence N. 20° 30' E., 293.1 feet to a point in the north line of said block, S. 87° 00' W., 119.1 feet from the northeast corner of said block; thence with said block line, N. 87° 00' E., 109.0 feet; thence S. 20° 30' W., 293.1 feet to a point in the south line of said block; thence with said lot line S. 87° 00' W., 54.5 feet to point of beginning, containing 0.67 acre more or less.

NO. 4024  
EXHIBIT A  
PAGE 14 OF 31



SUB-PARCEL 23E Through Block 51, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the south line of said block 51; S. 87° 00' W., 42.9 feet from the southeast corner thereof; thence with said lot line S. 87° 00' W., 54.5 feet; thence N. 20° 30' E., 244.3 feet to a point in the east line of said block, referenced S. 3° 00' E., 75.9 feet from the northeast corner thereof; thence with said east line S. 3° 00' E., 224.1 feet to the southeast corner of said block; thence with the south line of said block, S. 87° W., 42.9 feet to the point of beginning, containing 0.22 acre more or less.

SUB-PARCEL 23F Through Block 52, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the west line of said block 52, S. 3° E., 77.1 feet from the northwest corner thereof; thence with said block line S. 3° 00' E., 125.4 feet; thence N. 20° 30' E., 209.7 feet to the point of curvature of a curve to the left of 1482.4 feet radius; thence with the arc of said curve 11.0 feet to a point in the north line of said block, N. 87° 00' E., 87.9 feet from the northwest corner thereof; thence with said line S. 87° 00' W., 87.9 feet to the northwest corner of said block; thence with the west line of said block, S. 3° 00' E., 77.1 feet to the point of beginning, containing 0.21 acre more or less.

SUB-PARCEL 23G Through Blocks 72 and 75, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the south line of said Block 72, N. 87° 00' E., 58.9 feet from the southwest corner of said block; thence with the said block line S. 87° 00' W., 53.8 feet; thence N. 10° 08' E., 307.6 feet; thence N. 30° 56' E., 45.8 feet; thence N. 3° 00' W., 221.0 feet to a point in the north line of said Block 75, N. 81° 58' W., 203.9 feet from the northeast corner thereof; thence with the said block line S. 81° 58' E., 73.2 feet; thence S. 3° 00' E., 145 feet; thence S. 2° 49' W., 169.9 feet; thence S. 5° 01' W., 233.2 feet to a point in the south line of said Block 72; thence with said block line S. 87° 00' W., 53.8 feet to the point of beginning and containing 1.04 acres more or less.

SUB-PARCEL 23H Through Block 78, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the south line of said Block 78, N. 81° 58' W., 111.6 feet from the southeast

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corner of said Block 78; thence with said block line N. 81° 58' W., 51.0 feet; thence N. 6° 30' W., 599.4 feet to a point in the north line of said block, S. 87° 00' W., 198.3 feet from its northeast corner; thence with said block line N. 87° 00' E., 93.3 feet; thence S. 3° 00' E., 200.0 feet; thence N. 87° 00' E., 12.2 feet; thence S. 6° 30' E., 343.4 feet; thence S. 3° 00' E., 73.8 feet to a point in the south line of said block; thence with said block line N. 81° 58' W., 45.3 feet to the point of beginning and containing 1.35 acres more or less.

SUB-PARCEL 23I Through Block 81, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the south line of said Block 81, S. 87° 00' W., 151.2 feet from the southeast corner of said block; thence with said block line S. 87° 00' W., 50.1 feet; thence N. 6° 30' W., 142.5 feet to a point in the west line of Lot 7 of said block, referenced N. 3° 00' W., 142.3 feet from the southwest corner of Lot 6 of said block; thence with the west line of Lots 7, 8, 9, and 10 of said Block 81, N. 3° 00' W., 375.7 feet to the northwest corner of said block; thence with the north line of said block, N. 87° 00' E., 77.4 feet; thence S. 6° 30' E., 519.0 feet to a point in the south line of said block; thence with said south line S. 87° 00' W., 50.1 feet to the point of beginning and containing 1.09 acres more or less.

SUB-PARCEL 23J Through Block 84, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the south line of said Block 84, referenced N. 87° 06' E., 24.5 feet from the southwest corner of Lot 4; thence with said south line N. 87° 06' E., 50.1 feet; thence from a tangent bearing N. 6° 30' W., on a curve to the right of 5679.7 feet radius 200.4 feet to a point on the south line of lot 6 of said block, N. 87° 06' E., 65.9 feet from the southwest corner of said Lot; thence with said lot line S. 87° 06' W., 30.9 feet; thence N. 2° 54' W., 100 feet to the north line of said block; thence with said line S. 87° 06' W., 35.0 feet to the northwest corner of Lot 6 of said block; thence with an alley line S. 2° 54' E., 300 feet to the south line of said block; thence with said south line N. 87° 06' E., 24.5 feet to the point of beginning, containing 0.40 acre more or less.

SUB-PARCEL 23K Through Block 87, Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the south line of said Block 87, N. 87° 06' E., 12.5 feet from the southwest

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corner of Lot 4; thence with said line N. 87° 06' E., 18.5 feet; thence N. 0° 44' W., 371.3 feet to a point on the north line of said block; thence with said north line S. 87° 06' W., 45.0 feet to the northwest corner of Lot 6 of said block; thence with the line of an alley S. 2° 54' E., 371.0 feet to the south line of said block; thence with said south line N. 87° 06' E., 12.5 feet to the point of beginning, containing 0.32 acre more or less.

SUB-PARCEL 23L Through Lots 2, 11, 12 and 15 of SE1/4 of SW1/4, Sec. 34, T. 2 N., R. 28 W., Milton, Florida.

BEGINNING at a point on the south line of said southeast quarter of southwest quarter, N. 87° 06' E., 412.5 feet from the southwest corner thereof; thence N. 2° 54' W., 397.9 feet to the point of curvature of a curve to the right of 1859.8 feet radius; thence with the arc of said curve 989.2 feet to a point in the north line of said southeast quarter of southwest quarter, N. 87° 06' E., 660.5 feet from the northwest corner thereof; thence S. 87° 06' W., 114.0 feet along said north line; thence southerly along a curve to the left with radius of 1959.8 feet, paralleling the aforementioned curve, a distance of 995.9 feet to a point of tangency; thence S. 2° 54' E., 397.9 feet to a point in the south line of said southeast quarter of southwest quarter; thence with said south line N. 87° 06' E., 50 feet to the point of beginning, containing 3.20 acres more or less.

SUB-PARCEL 23M Through Lots 3, 4, and 11 of NE1/4 of SW1/4, Section 34, Township 2 North, Range 28 West, Milton, Florida.

BEGINNING at a point on the east line of said northeast quarter (NE1/4) of southwest quarter (SW1/4), South 2° 33' East, 620.2 feet from the northeast corner thereof; thence South 48° 13' West, 291.3 feet to the point of curvature of a curve to the left with a radius of 1859.8 feet; thence on the arc of said curve 670.8 feet to a point on the south line of said northeast quarter (NE1/4) of southwest quarter (SW1/4), North 87° 06' East, 660.5 feet from the southwest corner thereof; thence South 87° 06' West, along said south line 114 feet; thence northeasterly along the arc of a curve to the right with a radius of 1959.8 feet, paralleling the aforementioned curve, 757.5 feet to a point of tangency; thence North 48° 13' East, 372.9 feet to a point on the east line of the northeast quarter (NE1/4) of the southwest quarter (SW1/4) of said Section 34; thence South 2° 33' East, along said east line, 129 feet to the point of beginning, containing 2.63 acres,

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more or less, excepting therefrom that portion of Parcel 23M containing 0.138 acres, more or less, in Alabama Street lying between Lot 11 on the west and Lots 3 and 4 on the east, in the Town of Milton, Florida.

SUB-PARCEL 23N Through Blocks C, D, E, and L of Milton, Florida, addition in NW1/4 of SE1/4 Section 34, Township 2 North, Range 28 West.

BEGINNING at the point of intersection of the herein described center line and the west line of said northwest quarter (NW1/4) of southeast quarter (SE1/4), South 2° 33' East, 555.7 feet from the northwest corner; thence with said west line, South 2° 33' East, 64.5 feet; thence North 48° 13' East, 418.8 feet to the point of curvature of a curve to the right with a radius of 17,138.8 feet; thence with the arc of said curve 588.0 feet to the north line of said northwest quarter (NW1/4) of southeast quarter (SE1/4), North 87° 00' East, 788.3 feet from the northwest corner thereof; thence South 87° 00' West, 173.8 feet along said north line; thence from a tangent bearing South 49° 44' West, on the arc of a curve of 17,238.8 foot radius and parallel to the arc of the curve last run, 452.8 feet to point of tangency; thence South 48° 13' West, 337.2 feet to a point in the west line of aforesaid northwest quarter (NW1/4) of southeast quarter (SE1/4); thence South 2° 33' East, 64.5 feet to the point of beginning, containing 2.06 acres more or less, excepting therefrom that portion of Parcel 23N containing 0.138 acres, more or less, in Oakaloosa Street lying between Blocks C and D on the west side and Blocks E and F on the east side in the Town of Milton, Florida, and also excepting therefrom that portion of Parcel 23N containing 0.038 acre, more or less, in Seminole Street lying between Block E on the west side and Block L on the east side in the Town of Milton, Florida.

SUB-PARCEL 23O Through NE1/4 of Sec. 34, T. 2 N., R. 28 W., Milton, Florida

BEGINNING at the point of intersection of the herein described center line and the south boundary line of said northeast quarter, N. 87° 00' E., 701.4 feet from the southwest corner thereof; thence with said line S. 87° 00' W., 86.9 feet; thence from a tangent bearing N. 49° 44' E., on the arc of a curve to the right of 17,238.8 feet radius, 570.0 feet to point of tangency; thence N. 51° 37' E., 1206.3 feet to the point of curvature of a curve to the left with a radius of 5679.6 feet; thence with the arc of said curve 183.4

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feet to the point of tangency; thence N. 49° 45' E., 525.3 feet to a point in the east line of said section, S. 3° 30' E., 1124.8 feet from the northeast corner of said section; thence with said east line S. 3° 30' E., 124.8 feet; thence S. 49° 45' W., 450.7 feet to the point of curvature of a curve to the right with a radius of 5779.6 feet; thence with the arc of said curve 186.6 feet to the point of tangency; thence S. 51° 37' W., 1206.3 feet to the point of curvature of a curve to the left with a radius of 17,138.8 feet; thence with the arc of said curve 429.2 feet to the south line of northeast quarter of said section; thence with said south line S. 87° 00' W., 86.9 feet to the point of beginning, containing 5.48 acres more or less.

SUB-PARCEL 23P Section 35, T. 2 N., R. 28 W.,  
Milton, Florida.

BEGINNING at a point on the west line of said section, S. 3° 30' E., 1124.8 feet from the northwest corner of said section at the point where the center line of said railroad intersects said west line; thence with said west line N. 3° 30' W., 62.4 feet; thence N. 49° 45' E., 1884.1 feet to a point in the north line of said section; N. 85° 10' E., 218.7 feet from the northwest corner of the northeast quarter of northwest quarter of said section; thence with said north line N. 85° 10' E., 173.6 feet; thence S. 49° 45' W., 2134.8 feet to a point in the west line of said section; thence with said west line N. 3° 30' W., 62.4 feet to the point of beginning, containing 4.67 acres more or less.

SUB-PARCEL 23Q Section 26, T. 2 N., R. 28 W.,  
Milton, Florida.

BEGINNING at a point on the south line of said section, N. 85° 10' E., 305.5 feet from the southwest corner of the southeast quarter of southwest quarter of said section at the point where the center line of said railroad crosses said south line; thence with said south line S. 85° 10' W., 86.8 feet; thence N. 49° 45' E., 4596.2 feet to a point in the east line of said section, N. 3° 00' W., 1392.8 feet from the southeast corner of the northeast quarter of southeast quarter of said section; thence with said east line S. 3° 00' E., 125.6 feet; thence S. 49° 45' W., 4388.2 feet to a point in the south line of said section; thence S. 85° 10' W., 86.8 feet to the point of beginning, containing 10.32 acres more or less.

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SUB-PARCEL 23R Sections 25 and 24, T. 2 N.,  
R. 28 W., Milton, Florida.

BEGINNING at a point on the west line of said section 25, N. 3° 00' W., 1330.0 feet from the southwest corner of the northwest quarter of southwest quarter of said Section 25 at the point where the center line of said railroad intersects said west line; thence with said west line N. 3° 00' W., 62.8 feet; thence N. 49° 45' E., 4350.8 feet to the point of curvature of a curve to the left with a radius of 5679.6 feet; thence with the arc of said curve 627.8 feet to the point of tangency; thence N. 43° 24' E., 43.8 feet to a point (said point being N. 2° 30' W., 350.6 feet from a point in the south line of said Section 24, which is S. 87° 30' W., 606.9 feet from the southeast corner of the southwest quarter of southeast quarter of said Section 24); thence continue N. 43° 24' E., 856.8 feet to the point of curvature a curve to the right with a radius of 5779.6 feet; thence with the arc of said curve 490.9 feet to the point of tangency; thence N. 48° 16' E., 1336.7 feet to a point in the east line of said Section 24, S. 3° 00' E., 507.9 feet from the northeast corner of the southeast quarter of said Section 24; thence with said east line S. 3° 00' E., 128.2 feet; thence S. 48° 16' W., 1256.7 feet to the point of curvature of a curve to the left with a radius of 5679.6 feet; thence with the arc of said curve 482.4 feet to the point of tangency; thence S. 43° 24' W., 900.6 feet to the point of curvature of a curve to the right with a radius of 5779.6 feet; thence with the arc of said curve 638.8 feet to the point of tangency; thence S. 49° 45' W., 4438.2 feet to a point in the west line of said Section 25; thence with said west line N. 3° 00' W., 62.8 feet to the point of beginning, containing 17.57 acres more or less.

SUB-PARCEL 23S Section 19, T. 2 N., R. 27 W.,  
Milton, Florida.

BEGINNING at the point of intersection of the herein described center line and the west line of said section, S. 3° 00' E., 636.1 feet from the northwest corner of southwest quarter of said section; thence with said section line N. 3° 00' W., 64.1 feet; thence N. 48° 16' E., 3498.9 feet to a point (which is the point of change to a spiral of 200 feet length to a curve to the left of 1860.1 feet radius). Thence continue N. 48° 16' E., 675.6 feet; thence from a tangent bearing S. 30° 05' W., on a curve to the right with a radius of 1960.1 feet a distance of 494.8 feet to a point of change to a 200 foot spiral; thence with said spiral 200 feet to a point of change to a tangent, said point being referenced S. 41° 44' E., 100 feet

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from the point of change to spiral first described above; thence S. 48° 16' W., 3579.1 feet to a point in the west line of said section 19; thence with the said line N. 3° 00' W., 64.1 feet to the point of beginning and containing 9.63 acres more or less.

SUB-PARCEL 23-C-1 Between Blocks 59 and 55,  
Milton, Florida.

BEGINNING at the northwest corner of Sub-Parcel 23C, on the southerly side of Caroline Street, and N. 87° 00' E., 25.4 feet from the northwest corner of Block 59, Milton, Florida; thence N. 20° 30' E., crossing Caroline Street, 65.4 feet more or less to the northerly side thereof; thence N. 87° 00' E., binding on the southerly line of Sub-Parcel 23D, 109.0 feet to the southeast corner of Sub-Parcel 23D; thence S. 20° 30' W., crossing Caroline Street, 65.4 feet to the southerly line thereof; thence S. 87° 00' W., binding on the northerly line of Sub-Parcel 23C, 109.0 feet to the point of beginning. CONTAINING 0.15 acres more or less.

SUB-PARCEL 23-D-1 Between Blocks 55 and 51,  
Milton, Florida.

BEGINNING at the northwest corner of Sub-Parcel 23D on the southerly line of Elva Street, and 119.1 feet from the northeast corner of Block 55, Milton, Florida; thence N. 20° 30' E., crossing Elva Street, 54.5 feet more or less to the northerly side thereof; thence N. 87° 00' E., along the southerly line of sub-parcel 51 and its prolongation eastwardly, 109.0 feet to a point in a street dividing Blocks 51 and 52; thence S. 20° 30' W., crossing Elva Street, 54.5 feet to the southerly line thereof; thence S. 87° 00' W., binding on the northerly line of Sub-Parcel 23D, 109.0 feet to the point of beginning. CONTAINING 0.125 acres more or less.

SUB-PARCEL-23-E-1 Between Blocks 51 and 52,  
Milton, Florida.

BEGINNING at the most northerly corner of Sub-Parcel 23E, on the westerly line of a street dividing Blocks 51 and 52, and S. 3° 00' E., 75.9 feet from the northeast corner of Block 51; thence N. 20° 30' E., 82.8 feet more or less, to the southerly line of Margaret Street; thence N. 87° 00' E., 21.00 feet more or less to the northwest corner of Block 52; thence S. 3° 00' E., binding on the west line of Block 52 and of Sub-Parcel 23F, 202.5 feet to the most southerly corner of said parcel; thence S. 20° 30' W., through a street dividing Blocks 51 and 52,

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106.3 feet more or less to the northerly line of Elva Street; thence S. 87° 00' 00" W., along the northerly line of Elva Street, 11.6 feet to the southeast corner of Block 51; thence N. 3° 00' W., along the easterly line of said Block 224.1 feet to the point of beginning. CONTAINING 0.30 acres more or less.

SUB-PARCEL 23-F-1 Between Blocks 52 and 72,  
Milton, Florida.

BEGINNING at the southwest corner of Sub-Parcel 23G on the northerly line of Margaret Street, and N. 87° 00' 00" E., 5.1 feet from the southwest corner of Block 72; thence N. 87° 00' E., binding on the southerly line of Sub-Parcel 23G, 107.6 feet to the southeast corner of said parcel; thence S. 19° 27' W., crossing Margaret Street, 64.5 feet more or less to the southerly side thereof at the northeast corner of Sub-Parcel 23F; thence S. 87° 00' W., along the northerly line of Sub-Parcel 23F and its prolongation, 108.9 feet to a point in a street between Blocks 51 and 52; thence N. 20° 40' E., crossing Margaret Street, 65.6 feet more or less, to the point of beginning. CONTAINING 0.15 acres more or less.

SUB-PARCEL 23-G-1 Between Blocks 75 and 78,  
Milton, Florida.

BEGINNING at the northwest corner of Sub-Parcel 23G on the southerly line of Berry Hill Street, and N. 81° 58' W., 203.9 feet from the northeast corner of Block 75; thence N. 27° 56' W., crossing Berry Hill Street, 74.2 feet more or less to the northerly line of Berry Hill Street; thence S. 81° 58' E., binding on the southerly line of Sub-Parcel 23H, 96.3 feet to the southeast corner of Sub-Parcel 23H; thence S. 10° 46' E., crossing Berry Hill Street, 61.10 feet more or less to the northeast corner of Sub-Parcel 23G; thence N. 81° 58' W., binding on the northerly line of Sub-Parcel 23G, 73.2 feet to the point of beginning. CONTAINING 0.115 acres more or less.

SUB-PARCEL 23-H-1 Between Blocks 75 and 78  
Milton, Florida.

BEGINNING at the northeast corner of Sub-Parcel 23H on the southerly line of Madison Street and S. 87° 00' W., 105.00 feet from the northeast corner of Block 78, Milton, Florida; thence S. 87° 00' W., along the northerly line of said Block 78, binding on the northerly line of Sub-Parcel 23H, 93.2 feet to the northwest corner of said Sub-Parcel; thence N. 6° 30' W., crossing Madison Street, 50.1 feet to the southerly line of Block 81; thence N. 87° 00' E., binding on the southerly line of Parcel 23I, 100.2 feet to the southeast corner of said parcel; thence S. 6° 30' E., crossing Madison Street,

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50.1 feet to the northerly line of Block 78; thence S. 87° 00' W., 100.2 feet to the point of beginning. CONTAINING 0.115 acres more or less.

SUB-PARCEL 23-I-1 Between Blocks 81 and 84  
Milton, Florida.

BEGINNING at the northwest corner of Sub-Parcel 23I, being also the northwest corner of Block 81, Milton, Florida; thence N. 3° 00' W., crossing Ravine Street, 50.00 feet to the southwest corner of Block 84; thence N. 87° 06' E., binding on the south line of Sub-Parcel 23J, 74.6 feet to the southeast corner of Sub-Parcel 23J; thence S. 6° 30' E., crossing Ravine Street, 50.1 feet to the northeast corner of Sub-Parcel 23I; thence S. 87° 00' W., binding on the northerly line of Sub-Parcel 23I, 77.4 feet to the point of beginning. CONTAINING 0.09 acres more or less.

SUB-PARCEL 23-J-1 Between Blocks 84 and 87,  
Milton, Florida.

BEGINNING at the northwest corner of Sub-Parcel 23J, being also the northwest corner of Block 84, Milton, Florida; thence N. 2° 54' W., crossing Hunt Street, 50 feet to the southwest corner of Block 87; thence N. 87° 06' E., binding on the south line of Sub-Parcel 23K, 31.00 feet to the southeast corner of said parcel; thence S. 7° 28' E., crossing Hunt Street, 50.2 feet to the northeast corner of Sub-Parcel 23J; thence S. 87° 06' W., binding on the northerly line of Sub-Parcel 23J, 35.0 feet to the point of beginning. CONTAINING 0.04 acres more or less.

SUB-PARCEL 23-K-1 Park Street, north of Block 87,  
Milton, Florida.

BEGINNING at the northwest corner of Sub-Parcel 23K, being also the northwest corner of Block 87, Milton, Florida; thence N. 2° 54' W., crossing Park Street, 30 feet to the south line of the southeast quarter of the southwest quarter of Section 34, Township 2 North, Range 28 West; thence N. 87° 06' E., along said south line of the southeast quarter of the southwest quarter, 62.5 feet to the southeast corner of Sub-Parcel 23L; thence S. 27° 21' W., crossing Park Street, 34.7 feet to the northeast corner of Sub-Parcel 23K; thence S. 87° 06' W., binding on the north line of Sub-Parcel 23K, 45.0 feet to the point of beginning. CONTAINING 0.04 acres more or less.

As delineated on a series of eight sheets, entitled "Railroad Right-of-Way to Whiting Field, Santa Rosa County, Florida."

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SUB-PARCEL 23-M-1

Between Lots 3 and 4 on the East and Lot 11 on the West of Section 34, Township 2 North, Range 28 West, Milton, Florida.

That portion of Parcel 23M containing 0.138 acres, more or less, in Alabama Street lying between Lot 11 on the west and Lots 3 and 4 on the East, in the Town of Milton, Florida, said Parcel 23M being described as follows:

BEGINNING at a point on the east line of said northeast quarter (NE1/4) of southwest quarter (SW1/4), South 2° 33' East, 620.2 feet from the northeast corner thereof; thence South 48° 13' West, 291.3 feet to the point of curvature of a curve to the left with a radius of 1859.8 feet; thence on the arc of said curve 670.8 feet to a point on the south line of said northeast quarter (NE1/4) of a southwest quarter (SW1/4), North 87° 06' East, 660.5 feet from the southwest corner thereof; thence South 87° 06' West, along said north line 114 feet; thence northeasterly along the arc of a curve to the right with a radius of 1959.8 feet, paralleling the aforementioned curve 757.5 feet to a point of tangency; thence North 48° 13' East, 372.9 feet to a point on the east line of the northeast quarter (NE1/4) of the southwest quarter (SW1/4) of said Section 34; thence South 2° 33' East, along said east line, 129 feet to the point of beginning, containing 2.63 acres, more or less.

SUB-PARCEL 23-N-1

Oakaloosa Street lying between Blocks C and D on the West side and Blocks E and F on the East side in the Town of Milton, Florida, and also Seminole Street lying between Block E on the west side and Block L on the East side in the Town of Milton, Florida.

That portion of Parcel 23N containing 0.138 acres, more or less, in Oakaloosa Street lying between Blocks C and D on the west side and Blocks E and F on the east side in the Town of Milton, Florida, and also that portion of Parcel 23N containing 0.038 acres, more or less, in Seminole Street lying between Block E on the west side and Block L on the east side in the Town of Milton, Florida, said parcel 23N being described as follows:

BEGINNING at the point of intersection of the herein described center line and the west line of said northwest quarter (NW1/4) of southeast quarter (SE1/4), South 2° 33' East, 555.7 feet from the northwest corner thereof; thence with said west line, South 2° 33' East, 64.5 feet;

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thence North  $48^{\circ} 13'$  East, 418.8 feet to the point of curvature of a curve to the right with a radius of 17,138.8 feet; thence with the arc of said curve 588.0 feet to the north line of said northwest quarter (NW1/4) of southeast quarter (SE1/4), North  $87^{\circ} 00'$  East 788.3 feet from the northwest corner thereof; thence South  $87^{\circ} 00'$  West, 173.8 feet along said north line; thence from a tangent bearing South  $49^{\circ} 44'$  West, on the arc of curve of 17,238.8 feet radius and parallel to the arc of the curve last run, 452.8 feet to point of tangency; thence South  $48^{\circ} 13'$  West, 337.2 feet to a point in the west line of aforesaid northwest quarter (NW1/4) of southeast quarter (SE1/4); thence south  $2^{\circ} 33'$  East, 64.5 feet to the point of beginning, containing 2.06 acres more or less.

TRACT II - Parcel 22

22.7 acres, more or less, located in Sections 7, 18, and 19, Township 2 North, Range 27 West, Santa Rosa County, Florida, being more particularly described in Sub-parcels D and E as follows:

Sub-Parcel D. - 20.8 Acres, more or less. A strip of land 100 feet wide, being 50 feet on each side of the center line of the railroad now staked through Section 18 and W1/2 of SW1/4 of Section 7, Township 2 North, Range 27 West, being described as follows: Beginning at a point on the south line of said Section 18, S.  $87^{\circ}$  W., 1749.26 feet from the southeast corner of said section; thence continue S.  $87^{\circ}$  W., 103.08 feet; thence from a tangent bearing N.  $11^{\circ} 35'$  E., along a curve with a radius of 1860.1 feet to the left 965.0 feet to point of change to spiral; thence with an A.R.E.A. Spiral 200 feet; thence N.  $22^{\circ} 26'$  W., 1393.2 feet to point of change to spiral; thence on an A.R.E.A. Spiral to the left 200 feet; thence on a curve to the left of 1860.1 feet radius, 1028.1 feet to point of change to spiral; thence on spiral 200 feet; thence N.  $60^{\circ} 06'$  W., 939.2 feet to point of change to spiral; thence on an A.R.E.A. Spiral to right 200 feet; thence on a compound curve to the right beginning with a radius of 1960.1 feet and ending with a radius of 1985.1 feet a distance of 1643.3 feet to point of change to spiral; thence with spiral 200 feet; thence N.  $6^{\circ} 10'$  W., 2090.9 feet to a point on the north line of aforesaid W1/2 of SW1/4 of Section 7, 111.5 feet easterly of the northwest corner thereof; thence easterly with said line 100.4 feet; thence S.  $6^{\circ} 10'$  E., (and paralleling, at a distance of 100 feet, the courses previously run) 2085.7 feet to point of change to spiral; thence on an A.R.E.A. Spiral to left 200 feet; thence on a compound curve to left beginning with a radius of 1885.1 feet and ending with a radius 1860.1 feet a distance of 1556.3 feet to point of change to spiral;

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thence with spiral 200 feet; thence S. 60° 06' E., 939.2 feet to point of change to spiral; thence on an A.R.E.A. Spiral 200 feet to right; thence on curve with radius of 1960.1 feet to right 1086.0 feet to spiral; thence on spiral 200 feet; thence S. 22° 26' E., 1393.2 feet to point of spiral; thence on an A.R.E.A. Spiral to right 200 feet; thence on a curve of 1960.1 feet radius to the right 1058.0 feet to point of beginning, containing 20.8 acres, more or less.

Sub-parcel E. - 1.9 Acres, more or less.

A parcel of land within the NW1/4 of NE1/4, Section 19, Township 2 North, Range 27 West, in Santa Rosa County, Florida, as follows: Beginning at a point on the north line of said Section 19, S. 87° W., 1749.6 feet from the northeast corner of said section; thence with said line S. 87° W., 103.08 feet; thence from a tangent bearing S. 11° 35' W., along a curve with a radius of 1860.1 feet to the right 1135.7 feet to a point of change to spiral; thence along an A.R.E.A. Spiral 200 feet to a point in the west right-of-way line of the abandoned railroad of Bagdad Land & Lumber Company; thence with said right-of-way line N. 48° 16' E. 675.6 feet; thence from a tangent bearing N. 30° 05' E., along a curve with a radius of 1960.1 feet to the left and paralleling the curve first described herein 670.6 feet to the point of beginning, containing 1.9 acres, more or less.

There are excepted from this conveyance and reserved to the Grantor, and its assigns, all oil, gas, and other minerals in, under and upon the lands herein conveyed, together with the rights to enter upon the land for the purpose of mining and removing the same.

This conveyance is made subject to any and all existing rights-of-way, easements and covenants and agreements affecting the above-described premises, whether or not the same now appear of record.

To Have and to Hold the hereinbefore described property, subject to the reservations, exceptions, restrictions, conditions and covenants herein expressed and set forth unto the Grantee, its successors and assigns, forever.

Pursuant to authority contained in the Federal Property and Administrative Services Act of 1949, as amended, and applicable rules, regulations and orders promulgated thereunder, the General Services Administration determined the property to be surplus to the needs of the United States of America and assigned the property to the Department of the Interior for further conveyance to the State of Florida Board of Trustees of the Internal Improvement Trust Fund.

NO. 4024  
EXHIBIT A  
PAGE 26 OF 31

It is agreed and understood by and between the Grantor and Grantee, and the Grantee, by its acceptance of this deed, does acknowledge its understanding of the agreement, and does covenant and agree to itself, and its successors and assigns, forever, as follows:

1. This property shall be used and maintained for the public purposes for which it was conveyed in perpetuity as set forth in the program of utilization and plan contained in the application submitted by the Grantee on February 22, 1990, which program and plan may be amended from time to time at the request of either Grantor or Grantee, with the written concurrence of the other party, and such amendment shall be added to and become a part of the original application.
2. The Grantor shall not be obligated to pay for any expenses incurred in connection with title matters or survey matters which affect the property including the satisfaction of liens, judgments and mortgages or removal of encroachments.
3. The Grantee shall, within 6 months of the date of the deed of conveyance, erect and maintain a permanent sign or marker near the point of principal access to the conveyed area indicating that the property is a park or recreation area and has been acquired from the Federal Government for use by the general public.
4. The property shall not be sold, leased, assigned, or otherwise disposed of except to another eligible governmental agency that the Secretary of the Interior agrees in writing can assure the continued use and maintenance of the property for public park or public recreational purposes subject to the same terms and conditions in the original instrument of conveyance. However, nothing in this provision shall preclude the Grantee from providing related recreational facilities and services compatible with the approved application, through concession agreements entered into with third parties, provided prior concurrence to such agreements is obtained in writing from the Secretary of the Interior.
5. From the date of this conveyance, the Grantee, its successors and assigns, shall submit biennial reports to the Secretary of the Interior, setting forth the use made of the property during the preceding 2-year period, and other pertinent data establishing its continuous use for the purposes set forth above, for ten consecutive reports and as further determined by the Secretary of the Interior.
6. If at any time the United States of America shall determine that the premises herein conveyed, or any part thereof, are needed for the national defense, all right, title and interest in and to said premises, or part thereof determined to be necessary to such national defense, shall revert to and become the property of the United States of America.

NO. 4024  
 EXHIBIT A  
 PAGE 27 OF 31

7. As part of the consideration for the Deed, the Grantee covenants and agrees for itself, its successors and assigns, that (1) the program for or in connection with which this Deed is made will be conducted in compliance with, and the Grantee, its successors and assigns, will comply with all requirements imposed by or pursuant to the regulations of the Department of the Interior in effect on the date of this Deed (43 C.F.R. Part 17) issued under the provisions of Title VI of the Civil Rights Act of 1964; (2) this covenant shall be subject in all respects to the provisions of said regulations; (3) the Grantee, its successors and assigns, will promptly take and continue to take such action as may be necessary to effectuate this covenant; (4) the United States shall have the right to seek judicial enforcement of this covenant, and (5) the Grantee, its successors and assigns, will (a) obtain from each other person (any legal entity) who, through contractual or other arrangements with the Grantee, its successors and assigns, is authorized to provide services or benefits under said program, a written agreement pursuant to which such other person shall, with respect to the services or benefits which he is authorized to provide, undertake for himself the same obligations as those imposed upon the Grantee, its successors and assigns, by this covenant, and (b) furnish a copy of such agreement to the Secretary of the Interior, or his successor; and that this covenant shall run with the land hereby conveyed, and shall in any event, without regard to technical classification or designation, legal or otherwise, be binding to the fullest extent permitted by law and equity for the benefit of, and in favor of the Grantor and enforceable by the Grantor against the Grantee, its successors and assigns.

8. The Grantor and the Grantee agree that the Grantee is prohibited from developing the property herein conveyed in any manner which is incompatible with Executive Order 11988, relating to Floodplain Management, and Executive Order 11990, relating to Protection of Wetlands. The Grantor and the Grantee agree that this prohibition is irrevocable, and the Grantee agrees to include in any subsequent transfer an identical irrevocable prohibition.

9. The Grantee agrees to comply with the requirements of Public Law 90-480 (82 Stat. 718), the Architectural Barriers Act of 1968, as amended by Public Law 91-205 of 1970 (84 Stat. 49), to assure that development of facilities on conveyed surplus properties for public park and recreation purposes are accessible to the physically handicapped, and, further assure in accordance with Public Law 93-112, the Rehabilitation Act of 1973 (87 Stat. 394), that no otherwise qualified handicapped individual shall solely by reasons of his handicap be excluded from the participation in, be denied benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

NO. 4024  
 EXHIBIT A  
 PAGE 28 OF 31

10. Grantee shall be on the lookout for archeological artifacts during its construction activities and shall take appropriate action should any artifacts be discovered.

11. In the event there is a breach of any of the conditions and covenants herein contained by the Grantee, its successors and assigns, whether caused by the legal or other inability of the Grantee, its successors and assigns, to perform said conditions and covenants, or otherwise, all right, title and interest in and to said premises shall revert to and become the property of the Grantor at its option, which in addition to all other remedies for such breach shall have the right of entry upon said premises, and the Grantee, its successors and assigns, shall forfeit all right, title and interest in said premises and in any and all of the tenements, hereditaments and appurtenances thereunto belonging; provided, however, that the failure of the Secretary of the Department of the Interior to require in any one or more instances complete performance of any of the conditions or covenants shall not be construed as a waiver or relinquishment of such future performance, but the obligation of the Grantee, its successors and assigns, with respect to such future performance shall continue in full force and effect.

IN WITNESS WHEREOF, the Grantor has caused these presents to be executed in its name and on its behalf this the 4th day of November, 1993.

UNITED STATES OF AMERICA  
acting by and through the  
Secretary of the Interior

Through:  
W. Thomas Brown  
Associate Regional Director  
Planning and External Affairs  
Southeast Region  
National Park Service

By: W. Thomas Brown

WITNESSES:

David Lilman  
Linda J. McBride

NO. 4024  
EXHIBIT A  
PAGE 29 OF 31

STATE OF GEORGIA )  
 ) ss  
COUNTY OF FULTON )

On this 4th day of November, 1993, before me, the subscriber, personally appeared W. Thomas Brown, Associate Regional Director, Planning and External Affairs, Southeast Region, National Park Service, of the United States Department of the Interior, a governmental agency of the United States of America, and known to me to be the same person described in and who executed the foregoing instrument as the act and deed of the United States of America, for and on behalf of the Secretary of the Interior, duly designated, empowered and authorized so to do by said Secretary and he acknowledges that he executed the foregoing instrument for and on behalf of the United States of America for the purposes and uses therein described.

Nellie Pinos  
NOTARY PUBLIC

My commission expires:

August 1, 1995

NO. 4024  
EXHIBIT A  
PAGE 30 OF 31





CUL Cover Sheet

DM ID \_\_\_\_\_

Document Type: Current Uplands Leases

Instrument: [ ] Parent Lease  Amendment to Lease [ ] Assignment of Lease  
[ ] Release [ ] Partial Release [ ] Easement [ ] Use Agreement [ ] Sublease  
[ ] Amendment to Sublease [ ] Release of Sublease [ ] Other

Lease Number: 004024

Document Date: 04/05/2007

Original County: Santa Rosa

Section: 10

Township: 01 N

Range: 28 W

Total Area / Area Unit: 2.85 (A) Acreage (S) Square Feet

County Book / Page / Type: \_\_\_\_\_ / B \_\_\_\_\_ / P \_\_\_\_\_ /

Instrument Number: \_\_\_\_\_

Comments: Amend. # 1 to Blackwater Heritage Trail

(Murphy Act lands)

Prepped: 7-3-07 Sm Inventory # 572300.0

8/3/07 - Km

The information on this page was collected during the prep phase of scanning and is an aid for data entry. Please refer to the document for actual information.

ATL1

2.85 Acres

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT  
TRUST FUND OF THE STATE OF FLORIDA

---

AMENDMENT NUMBER 1 TO LEASE NUMBER 4024

BLACKWATER HERITAGE TRAIL

THIS LEASE AMENDMENT is entered into this 5th day of April, 2007, by and between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR" and the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS, successor in interest to the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DIVISION OF RECREATION AND PARKS, hereinafter referred to as "LESSEE";

W I T N E S S E T H

WHEREAS, LESSOR, by virtue of Section 253.03, Florida Statutes, holds title to certain lands and property for the use and benefit of the State of Florida; and

WHEREAS, on January 31, 1994, LESSOR and LESSEE entered into Lease Number 4024; and

WHEREAS, LESSOR and LESSEE desire to amend the lease to add land to the leased property.

NOW THEREFORE, in consideration of the mutual covenants and agreements contained herein, the parties hereto agree as follows:

1. The legal description of the leased premises set forth in Exhibit "A" of Lease Number 4024 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof.
2. It is understood and agreed by LESSOR AND LESSEE that in each and every respect the terms of the Lease Number 4024 except as amended shall remain unchanged and in full force and effect and the same are hereby ratified, approved and confirmed by LESSOR AND LESSEE as of the date of this amendment.
3. It is understood and agreed by LESSOR and LESSEE that this Amendment Number 1 to Lease Number 4024 is hereby binding upon the parties hereto and their successors and assigns.

IN WITNESS WHEREOF, the parties have caused this Lease  
Amendment to be executed on the day and year first above written.

BOARD OF TRUSTEES OF THE INTERNAL  
IMPROVEMENT TRUST FUND OF THE  
STATE OF FLORIDA

Tony Peters  
Witness

Tony Peters  
Print/Type Witness Name

Judy Woodard  
Witness

Judy Woodard  
Print/Type Witness Name

STATE OF FLORIDA  
COUNTY OF LEON

By: Gloria C. Barber (SEAL)  
GLORIA C. BARBER, OPERATIONS  
AND MANAGEMENT CONSULTANT  
MANAGER, BUREAU OF PUBLIC LAND  
ADMINISTRATION, DIVISION OF  
STATE LANDS, STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

"LESSOR"

The foregoing instrument was acknowledged before me this 5th day of  
April, 2007, by Gloria C. Barber, as Operations and Management  
Consultant Manager, Bureau of Public Land Administration, Division of State  
Lands, State of Florida Department of Environmental Protection, as agent for  
and on behalf of the Board of Trustees of the Internal Improvement Trust Fund  
of the State of Florida. She is personally known to me.

Diane C. Rogowski  
Notary Public, State of Florida

Print/Type Notary Name Diane C. Rogowski  
Commission Number DD539673  
Commission Expires May 24, 2010  
Bonds Trust Fidelity Insurance, Inc. 800-386-7018

Approved as to Form and Legality

By: [Signature]  
DEP Attorney

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS

Kimberly D. Gibson  
Witness

Kimberly D. Gibson  
Print/Type Witness Name

Destiny L. Bryant  
Witness

Destiny L. Bryant  
Print/Type Witness Name

By: [Signature] (SEAL)

James M. Wood  
Print/Type Name

Title: Assistant Director

"LESSEE"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 3rd day of April, 2007, by James M. Wood, as Assistant Director, on behalf of the Office of Greenways and Trails, State of Florida Department of Environmental Protection. She/he is personally known to me.

Destiny L. Bryant  
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:

Commission Expires:



**Destiny L. Bryant**  
Commission # DD573041  
Expires July 11, 2010  
Bounded Troy Felt - Insurance, Inc. 800-365-7019

EXHIBIT "A"

THE FOLLOWING LANDS LOCATED IN SECTION 10, TOWNSHIP 1 NORTH, RANGE 28 WEST,  
SANTA ROSA COUNTY, FLORIDA:

LOTS 28 AND 33, WEBB TRACT, DB B, PG. 62, PUBLIC RECORDS OF SANTA ROSA COUNTY,  
FLORIDA.

CUL Cover Sheet

Checked for Duplicate Document

DM ID \_\_\_\_\_

Document Type: **CURRENT UPLAND LEASES**

Instrument: [ ] Parent Lease <sup># 2</sup>  Amendment to Lease [ ] Assignment of Lease  
[ ] Release [ ] Partial Release [ ] Easement [ ] Use Agreement [ ] Sublease  
[ ] Amendment to Sublease [ ] Release of Sublease [ ] Other

Lease Number: | 4024

Document Date: | 07-06-2007

Original County: | SANTA ROSA

Section: | 34

Township: | 02N

Range | 28W

Total Area/Area Unit: | 1.81 | X Acreage | Square Feet

Instrument Number: |

Comments: | **AMENDMENT #2 BLACKWATER  
HERITAGE TRAIL - MYNHIER PROPERTY**

\_\_\_\_\_  
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**DATE PREPPED:** **FLIP CARDS:** **INVENTORY #:**

08-02-2007

✓

22578.0

MAA'D For Rescan & Additional Pgs

The information on this page was collected during the prep phase of scanning and is an aid for data entry. Please refer to the document for actual information.

ATL1

1.81 Acres

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT  
TRUST FUND OF THE STATE OF FLORIDA

AMENDMENT NUMBER TWO TO LEASE NUMBER 4024  
BLACKWATER HERITAGE TRAIL

THIS LEASE AMENDMENT is entered into this 6<sup>th</sup> day of July,  
2007, by and between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT  
TRUST FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR" and  
the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF  
GREENWAYS AND TRAILS, referred to as "LESSEE";

W I T N E S S E T H

WHEREAS, LESSOR, by virtue of Section 253.03, Florida Statutes, holds  
title to certain lands and property for the use and benefit of the State of  
Florida; and

WHEREAS, on January 31, 1994, LESSOR and LESSEE entered into Lease  
Number 4024; and

WHEREAS, LESSOR and LESSEE desire to amend the lease to add land to  
the leased premises.

NOW THEREFORE, in consideration of the mutual covenants and  
agreements contained herein, the parties hereto agree as follows:

1. The legal description of the leased premises set forth in Exhibit "A"  
of Lease Number 4024 is hereby amended to include the real property  
described in Exhibit "A," attached hereto, and by reference made a part  
hereof.
2. It is understood and agreed by LESSOR and LESSEE that in each and  
every respect the terms of the Lease Number 4024, except as amended, shall  
remain unchanged and in full force and effect and the same are hereby  
ratified, approved and confirmed by LESSOR and LESSEE.
3. It is understood and agreed by LESSOR and LESSEE that this Amendment  
Number TWO to Lease Number 4024 is hereby binding upon the parties hereto  
and their successors and assigns.

Rev. 3/07



IN WITNESS WHEREOF, the parties have caused this lease amendment to be executed on the day and year first above written.

BOARD OF TRUSTEES OF THE INTERNAL  
IMPROVEMENT TRUST FUND OF THE  
STATE OF FLORIDA

Dave Fawcett  
Witness

DAVE FAWCETT  
Print/Type Witness Name

Judy Woodward  
Witness

Judy Woodward  
Print/Type Witness Name

By: Gloria C. Barber (SEAL)  
GLORIA C. BARBER, OPERATIONS  
AND MANAGEMENT CONSULTANT  
MANAGER, BUREAU OF PUBLIC LAND  
ADMINISTRATION, DIVISION OF  
STATE LANDS, STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 6<sup>th</sup> day of July, 2007, by Gloria C. Barber, Operations and Management Consultant Manager, Bureau of Public Land Administration, Division of State Lands, State of Florida Department of Environmental Protection, as agent for and on behalf of the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida. She is personally known to me.

Avis G. Lockett  
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:



**Avis G. Lockett**  
Commission # DD341437  
Expires September 19, 2008  
Bonded Tray File - Insurance, Inc. 800-365-7079

Commission Expires:

Approved as to Form and Legality:

By: Daniel M. Abner  
DEP Attorney

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS

Destiny L. Bryant  
Witness

Destiny L. Bryant  
Print/Type Witness Name

[Signature]  
Witness

Nancy L. Alvo  
Print/Type Witness Name

By: [Signature] (SEAL)

James M. Wood  
Print/Type Name

Title: Assistant Director

"LESSEE"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of July, 2007, by James M. Wood as Assistant Director, on behalf of the OFFICE OF GREENWAYS AND TRAILS, STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. He is personally known to me.

Destiny L. Bryant  
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:  **Destiny L. Bryant**  
Commission # DD573041  
Expires July 11, 2010  
Commission Expires: Notary Fee - \$10.00, No. 000-000-7010

This Instrument Prepared By and  
Please Return To:  
Emily Parry  
American Government Services Corporation  
3812 W. Linebaugh Avenue  
Tampa, Florida 33618  
AGS # 18836

File # 200719011  
OR BK 2723 Pages 720 - 722  
RECORDED 04/24/07 11:14:43  
Mary M. Johnson, Clerk  
Santa Rosa County, Florida  
Doc O \$815.00  
DEPUTY CLERK TH  
#3  
Trans # 354704

**WARRANTY DEED  
(STATUTORY FORM - SECTION 689.02, F.S.)**

THIS INDENTURE, made this 16<sup>th</sup> day of March, A.D. 2007, between C. Thomas Mynhier and Mary J. Mynhier, his wife whose address is 1223 Rocky Flats Rd., Cosby, TN 37722, respectively, grantor, and the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, whose post office address is c/o Florida Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 115, Tallahassee, FL 32399-3000, grantee,

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and their heirs, legal representatives, successors and assigns. "Grantor" and "grantee" are used for singular and plural, as the context requires and the use of any gender shall include all genders.)

WITNESSETH: That the said grantor, for and in consideration of the sum of Ten Dollars and other good and valuable considerations, to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's successors and assigns forever, the following described land situate, lying and being in Santa Rosa County, Florida, to-wit:

See Exhibit "A" attached hereto and by reference made a part hereof.

Property Appraiser's Parcel Identification Number: 34-2N-28-0000-22400-0000

This conveyance is subject to easements, restrictions, limitations, and conditions of record if any now exist, but any such interests that may have been terminated are not hereby re-imposed.

This property is not the homestead property of the grantor, nor contiguous to homestead property, as such homestead is defined under Florida law.

AND the said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF the grantor has hereunto set grantor's hand and seal, the day and year first above written

Signed, sealed and delivered in  
the presence of:

  
\_\_\_\_\_  
(Signature of First Witness)

Ann Balch  
(Printed, Typed or Stamped Name  
of First Witness)

  
\_\_\_\_\_  
(Signature of Second Witness)

Paige Rhodes  
(Printed, Typed or Stamped Name  
of Second Witness)


  
\_\_\_\_\_  
C. Thomas Mynhier

Exhibit "A"  
Page 4 of 6 Pages  
Amendment Number 2 to Lease No. 4024

Ann Balch  
(Signature of First Witness)

Ann Balch  
(Printed, Typed or Stamped Name of First Witness)

Mary J. Mynhier  
Mary J. Mynhier

Paige Rhodes  
(Signature of Second Witness)

Paige Rhodes  
(Printed, Typed or Stamped Name of Second Witness)

STATE OF Tennessee  
COUNTY OF Cocke

The foregoing instrument was acknowledged before me this 16 day of March, 2007, by C. Thomas Mynhier and Mary J. Mynhier. Such person (Notary Public must check applicable box):

- is personally known to me.
- produced a driver license.
- produced \_\_\_\_\_ as identification.

(NOTARY PUBLIC SEAL)



Sharon R. Bryant  
Notary Public

Sharon R. Bryant  
(Printed, Typed or Stamped Name of Notary Public)

Commission No.: \_\_\_\_\_

My Commission Expires: 8-28-10

EXHIBIT "A"

BEGINNING AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF ALABAMA STREET AND THE SOUTH RIGHT-OF-WAY LINE OF THE NAVY (OLD F&A) RAILROAD; THENCE SOUTH ALONG THE WEST RIGHT-OF-WAY LINE OF ALABAMA STREET A DISTANCE OF 365.15 FEET; THENCE SOUTH 66 DEGREES 25' WEST A DISTANCE OF 398.35 FEET TO SAID RAILROAD; THENCE NORTHEASTERLY ALONG THE CURVE OF SAID RAILROAD RIGHT-OF-WAY HAVING A RADIUS OF 1860.08 FEET A DISTANCE OF 602.92 FEET TO THE POINT OF BEGINNING, BEING LOT 11 OF A SUBDIVISION OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 2 NORTH, RANGE 28 WEST, SANTA ROSA COUNTY, FLORIDA.

BEING MORE CORRECTLY DESCRIBED AS;

BEGINNING AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF ALABAMA STREET AND THE SOUTH RIGHT-OF-WAY LINE OF THE NAVY (OLD F&A) RAILROAD; THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST ALONG THE WEST RIGHT-OF-WAY LINE OF ALABAMA STREET A DISTANCE OF 365.15 FEET; THENCE GO SOUTH 76 DEGREES 25 MINUTES 00 SECONDS WEST A DISTANCE OF 398.35 FEET TO THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF THE AFORESAID RAILROAD; THENCE NORTHEASTERLY ALONG THE CURVE OF SAID RAILROAD RIGHT-OF-WAY HAVING A RADIUS OF 1860.08 FEET AN ARC DISTANCE OF 602.92 FEET (CHORD = N40 DEGREES 10'07"E, 600.28') TO THE POINT OF BEGINNING, BEING A PORTION OF LOT 11, TOWN OF MILTON, A SUBDIVISION OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 2 NORTH, RANGE 28 WEST, SANTA ROSA COUNTY, FLORIDA.

LESS AND EXCEPT:

COMMENCE AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF ALABAMA STREET AND THE SOUTH RIGHT-OF-WAY LINE OF THE NAVY (OLD F&A) RAILROAD; THENCE SOUTH 02 DEGREES 41 MINUTES 39 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY LINE OF SAID STREET A DISTANCE OF 360.15 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 02 DEGREES 41 MINUTES 39 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY LINE OF SAID STREET A DISTANCE OF 5.00 FEET; THENCE SOUTH 78 DEGREES 22 MINUTES 42 SECONDS WEST A DISTANCE OF 90.85 FEET; THENCE NORTH 50 DEGREES 25 MINUTES 24 SECONDS EAST A DISTANCE OF 31.52 FEET; THENCE NORTH 87 DEGREES 10 MINUTES 05 SECONDS EAST A DISTANCE OF 65.00 FEET TO THE POINT OF BEGINNING, BEING A PORTION OF LOT 11, TOWN OF MILTON, A SUBDIVISION OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 2 NORTH, RANGE 28 WEST, SANTA ROSA COUNTY, FLORIDA.

OGT/BLACK WATER HERITAGE STATE TRAIL  
MYNHIER

OGT/BLACK WATER HERITAGE STATE TRAIL  
MYNHIER

This Instrument Prepared By:

Joseph R. Boyd, Esquire  
Tallahassee Title Group, LLC  
1407 Piedmont Drive East  
Tallahassee, Florida 32308

**SPECIAL WARRANTY DEED**

**THIS INDENTURE**, made this 23<sup>rd</sup> day of February, A.D., 2009, between The Nature Conservancy, a non-profit District of Columbia corporation authorized to transact business in the State of Florida as The Nature Conservancy, Inc., whose post office address is 222 S. Westmonte Drive, Suite 300, Altamonte Springs, Florida 32714-4269, Grantor, and the **BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA**, whose post office address is c/o Florida Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 115, Tallahassee, FL 32399-3000, Grantee,

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument and their legal representatives, successors and assigns. "Grantor" and "Grantee" are used for singular and plural, as the context requires and the use of any gender shall include all genders.)

**WITNESSETH:** That the said Grantor, for and in consideration of the sum of Ten Dollars and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, and Grantee's successors and assigns forever, the following described land situate, lying and being in Santa Rosa County, Florida, to-wit:

See Exhibit "A" attached hereto and by reference made a part hereof.

Property Appraiser's Parcel ID Number: 36-3N-28-0000-00200-0000 and 14-2N-28-0000-00100-0000

The Grantor is a non-profit corporation whose purpose is the preservation of natural resources and which is exempt from federal income tax under s. 501(c)(3) of the Internal Revenue Code, and the Grantee is the Board of Trustees of the Internal Improvements Trust Fund of the State of Florida. Accordingly, no State documentary stamp tax is due upon this conveyance per s. 201.02(6), Florida Statutes.

This conveyance is subject to easements, restrictions, limitations and conditions of record if any now exist, but any such interests that may have been terminated are not hereby re-imposed.

TO HAVE AND TO HOLD the same unto the said grantee in fee simple forever.

**AND** the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under Grantor, its successors and assigns, and not otherwise.

APPROVED  
FOR CLOSING

MAR 8 2009

*WJR*

IN WITNESS WHEREOF the grantor has executed these presents, the day and year first written.

Signed, sealed and delivered in the presence of:

The Nature Conservancy, a non-profit District of Columbia corporation authorized to transact business in the State of Florida as The Nature Conservancy, Inc.

Margaret A. Porell  
Signature of First Witness  
Margaret A. Porell  
Printed, Typed or Stamped Name of First Witness

By: Katherine D. Skinner  
Katherine D. Skinner, as Vice President

Dorrie Crane  
Signature of First Witness  
DORRIE CRANE  
Printed, Typed or Stamped Name of Second Witness

(CORPORATE SEAL)



STATE OF ~~FLORIDA~~ NORTH CAROLINA  
COUNTY OF DURHAM

The foregoing instrument was acknowledged before me this 23<sup>rd</sup> day of February, 2009, by Katherine D. Skinner, as Vice President of The Nature Conservancy, a non-profit District of Columbia corporation authorized to transact business in the State of Florida as The Nature Conservancy, Inc., on behalf of said corporation. Such person (notary Public must check applicable box):

- is personally known to me
- produced a current driver's license
- produced \_\_\_\_\_ as identification

(NOTARY PUBLIC SEAL)



Jodie A. LaPoint  
Notary Public

Jodie A. LaPoint  
(Printed, Typed or Stamped Name of Notary Public)  
Commission No.: \_\_\_\_\_  
My Commission Expires: 12/28/2011

REVISED: 05/9/97  
DKND3FPC.DOC

**Exhibit "A"**

Section 14, Township 2 North, Range 28 West, Santa Rosa County, Florida  
North ½ of Northeast ¼ AND Northeast ¼ of Northwest ¼, excepting therefrom  
any portion thereof lying within the boundaries of any public road rights of way.

AND

Section 36, Township 3 North, Range 28 West, Santa Rosa County, Florida  
East ½ of Southwest ¼, excepting therefrom any portion thereof lying within the  
boundaries of any public road rights of way.

Clear Creek/Whiting Field  
The Nature Conservancy  
Santa Rosa County

BSM APPROVED  
BY SK  
DATE 8.15.08





# Florida Department of Environmental Protection

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

March 29, 2010

State of Florida Department of Environmental Protection  
Office of Greenways and Trails  
Attn: Matt Klein  
3900 Commonwealth Blvd., MS 795  
Tallahassee, Florida 32399-3000

RE: Amendment No. **THREE** to lease No. **4024**  
**Blackwater Heritage State Trail**

Dear Mr. Klein:

Enclosed is a fully executed original for amendment number *Three* to lease number **4024** for your records. If you have any questions, please contact me at (850) 245-2720 extension 4752 or by emailing me at david.fewell@dep.state.fl.us.

Sincerely,

David Fewell  
Land Acquisition Agent  
Bureau of Public Land Administration  
Division of State Lands

dlf/  
Enclosures (Instrument)  
**Job # 15939**

*"More Protection, Less Process"*  
[www.dep.state.fl.us](http://www.dep.state.fl.us)

ATL1

126.87 Acres

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT  
TRUST FUND OF THE STATE OF FLORIDA

AMENDMENT NUMBER THREE TO LEASE NUMBER 4024  
BLACKWATER HERITAGE STATE TRAIL

THIS LEASE AMENDMENT is entered into this 29<sup>th</sup> day of MARCH,  
2010, by and between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT  
TRUST FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR" and  
the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF  
GREENWAYS AND TRAILS, referred to as "LESSEE";

W I T N E S S E T H

WHEREAS, LESSOR, by virtue of Section 253.03, Florida Statutes, holds  
title to certain lands and property for the use and benefit of the State of  
Florida; and

WHEREAS, on January 31, 1994, LESSOR and LESSEE entered into Lease  
Number 4024; and

WHEREAS, LESSOR and LESSEE desire to amend the lease to add land to  
the leased premises.

NOW THEREFORE, in consideration of the mutual covenants and  
agreements contained herein, the parties hereto agree as follows:

1. The legal description of the leased premises set forth in Exhibit "A"  
of Lease Number 4024 is hereby amended to include the real property  
described in Exhibit "A," attached hereto, and by reference made a part  
hereof.
2. It is understood and agreed by LESSOR and LESSEE that in each and  
every respect the terms of the Lease Number 4024, except as amended, shall  
remain unchanged and in full force and effect and the same are hereby  
ratified, approved and confirmed by LESSOR and LESSEE.
3. It is understood and agreed by LESSOR and LESSEE that this Amendment  
Number THREE to Lease Number 4024 is hereby binding upon the parties hereto  
and their successors and assigns.

Rev. 3/07

IN WITNESS WHEREOF, the parties have caused this lease amendment to be executed on the day and year first above written.

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA

Dave Fewell  
Witness

DAVE FEWELL  
Print/Type Witness Name

[Signature]  
Witness

Juliette McEnt  
Print/Type Witness Name

By: Gloria C. Barber (SEAL)  
GLORIA C. BARBER, OPERATIONS AND MANAGEMENT CONSULTANT MANAGER, BUREAU OF PUBLIC LAND ADMINISTRATION, DIVISION OF STATE LANDS, STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 29<sup>th</sup> day of MARCH, 2010, by Gloria C. Barber, Operations and Management Consultant Manager, Bureau of Public Land Administration, Division of State Lands, State of Florida Department of Environmental Protection, as agent for and on behalf of the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida. She is personally known to me.



David L. Fewell  
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:

Commission Expires:

Approved as to Form and Legality

By: [Signature]  
DEP Attorney

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS

Matthew Klein  
Witness

MATTHEW KLEIN  
Print/Type Witness Name

Judy A. Brooks  
Witness

Judy A. Brooks  
Print/Type Witness Name

By: Jena B. Brooks (SEAL)

JENA B. BROOKS  
Print/Type Name

Title: DIRECTOR

"LESSEE"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 24<sup>th</sup> day of March, 2010, by Jena B. Brooks as Director, on behalf of the Office of Greenways and Trails, State of Florida Department of Environmental Protection. He/she is personally known to me.



Shannon Franklin  
Notary Public, State of Florida

Shannon Franklin  
Print/Type Notary Name

Commission Number: DD958758

Commission Expires: May 23, 2014

This Instrument Prepared By:

Joseph R. Boyd, Esquire  
Tallahassee Title Group, LLC  
1407 Piedmont Drive East  
Tallahassee, Florida 32308

**SPECIAL WARRANTY DEED**

THIS INDENTURE, made this 23<sup>rd</sup> day of February, A.D., 2009, between The Nature Conservancy, a non-profit District of Columbia corporation authorized to transact business in the State of Florida as The Nature Conservancy, Inc., whose post office address is 222 S. Westmonte Drive, Suite 300, Altamonte Springs, Florida 32714-4269, Grantor, and the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, whose post office address is c/o Florida Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 115, Tallahassee, FL 32399-3000, Grantee,

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument and their legal representatives, successors and assigns. "Grantor" and "Grantee" are used for singular and plural, as the context requires and the use of any gender shall include all genders.)

**WITNESSETH:** That the said Grantor, for and in consideration of the sum of Ten Dollars and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, and Grantee's successors and assigns forever, the following described land situate, lying and being in Santa Rosa County, Florida, to-wit:

See Exhibit "A" attached hereto and by reference made a part hereof.

Property Appraiser's Parcel ID Number: 36-3N-28-0000-00200-0000 and 14-2N-28-0000-00100-0000

The Grantor is a non-profit corporation whose purpose is the preservation of natural resources and which is exempt from federal income tax under s. 501(c)(3) of the Internal Revenue Code, and the Grantee is the Board of Trustees of the Internal Improvements Trust Fund of the State of Florida. Accordingly, no State documentary stamp tax is due upon this conveyance per s. 201.02(6), Florida Statutes.

This conveyance is subject to easements, restrictions, limitations and conditions of record if any now exist, but any such interests that may have been terminated are not hereby re-imposed.

TO HAVE AND TO HOLD the same unto the said grantee in fee simple forever.

AND the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons claiming by, through or under Grantor, its successors and assigns, and not otherwise.

File # 200909009  
OR BK 2658 Pages 517 - 519  
RECORDED 03/20/09 12:08:14  
Mary M. Johnson, Clerk  
Santa Rosa County, Florida  
DEPUTY CLERK KB  
#2  
Trans # 421611

Exhibit "A"  
Page 4 of 6 Pages  
Amendment Number 3 to Lease No. 4024

IN WITNESS WHEREOF the grantor has executed these presents, the day and year first written.

Signed, sealed and delivered in the presence of:

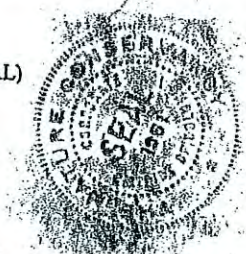
The Nature Conservancy, a non-profit District of Columbia corporation authorized to transact business in the State of Florida as The Nature Conservancy, Inc.

Margaret A. Porell  
Signature of First Witness  
Margaret A. Porell  
Printed, Typed or Stamped Name of First Witness

BY: Katherine D. Skinner  
Katherine D. Skinner, as Vice President

Dorothy Crane  
Signature of First Witness  
DERIE CRANE  
Printed, Typed or Stamped Name of Second Witness

(CORPORATE SEAL)



STATE OF FLORIDA NORTH CAROLINA  
COUNTY OF DURHAM

The foregoing instrument was acknowledged before me this 23<sup>rd</sup> day of February, 2009, by Katherine D. Skinner, as Vice President of The Nature Conservancy, a non-profit District of Columbia corporation authorized to transact business in the State of Florida as The Nature Conservancy, Inc., on behalf of said corporation. Such person (notary Public must check applicable box):

- is personally known to me
- produced a current driver's license
- produced \_\_\_\_\_ as identification

(NOTARY PUBLIC SEAL)



Jodie A. LaPoint  
Notary Public

Jodie A. LaPoint  
(Printed, Typed or Stamped Name of Notary Public)

Commission No.: \_\_\_\_\_

My Commission Expires: 12/28/2011

REVISED 05/1/97  
DROBPEC.DOC

**Exhibit "A"**

**Section 14, Township 2 North, Range 28 West, Santa Rosa County, Florida  
North ½ of Northeast ¼ AND Northeast ¼ of Northwest ¼, excepting therefrom  
any portion thereof lying within the boundaries of any public road rights of way.**

Clear Creek/Whiling Field  
The Nature Conservancy  
Santa Rosa County

**BSM APPROVED**  
**BY SK**  
**DATE 8.15.08**

**Exhibit "A"**  
**Page 6 of 6 Pages**  
**Amendment Number 3 to Lease No. 4024**

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# **APPENDIX B**

## **Florida Natural Areas Inventory (FNAI) Report**

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1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
850-224-8207  
fax 850-681-9364  
www.fnai.org

June 3, 2011

Robin Turner  
Florida Department of Environmental Protection, Office of Greenways and Trails  
3900 Commonwealth Boulevard, M.S. 795  
Tallahassee, FL 32399

Dear Ms. Turner,

Thank you for requesting information from the Florida Natural Areas Inventory (FNAI). We have compiled the following information for your project area.

**Project:** Blackwater Heritage State Trail  
**Date Received:** 05/31/2011  
**Location:** Santa Rosa County

**Based on the information available, this site appears to be located within a significant region of natural areas and habitat for several rare species. Special consideration should be taken to avoid and/or mitigate impacts to these natural resources, and to design land uses that are compatible with these resources.**

#### **Element Occurrences**

A search of our maps and database indicates that currently we have several element occurrences mapped within the vicinity of the study area (see enclosed map and element occurrence table). Please be advised that a lack of element occurrences in the FNAI database is not a sufficient indication of the absence of rare or endangered species on a site.

#### Federally Listed Species

Our data indicate federally listed species are present on or very near this site (see enclosed map and tables for details). This statement should not be interpreted as a legal determination of presence or absence of federally listed species on a property.

*The element occurrences data layer includes occurrences of rare species and natural communities. The map legend indicates that some element occurrences occur in the general vicinity of the label point. This may be due to lack of precision of the source data, or an element that occurs over an extended area (such as a wide ranging species or large natural community). For animals and plants, element occurrences generally refer to more than a casual sighting; they usually indicate a viable population of the species. Note that some element occurrences represent historically documented observations which may no longer be extant. Extirpated element occurrences will be marked with an 'X' following the occurrence label on the enclosed map.*

*Several of the species and natural communities tracked by the Inventory are considered **data sensitive**. Occurrence records for these elements contain information that we consider sensitive due to collection pressures, extreme rarity, or at the request of the source of the information. The Element Occurrence Record has been labeled "Data Sensitive." We request that you not publish or release specific locational data about these species or communities without consent from the Inventory. If you have any questions concerning this please do not hesitate to call.*



Florida Resources  
and Environmental  
Analysis Center

Institute of Science  
and Public Affairs

The Florida State University

*Tracking Florida's Biodiversity*

Thank you for your use of FNAI services. If I can be of further assistance, please give me a call at (850) 224-8207.

Sincerely,

*Michael O'Brien*

Michael O'Brien  
Data Services Analyst

Encl



1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
850-224-8207  
fax 850-681-9364  
www.fnai.org

July 6, 2011

Robin Turner  
Florida Department of Environmental Protection, Office of Greenways and Trails  
3900 Commonwealth Boulevard, M.S. 795  
Tallahassee, FL 32399

Dear Ms. Turner,

Thank you for requesting information from the Florida Natural Areas Inventory (FNAI). We have compiled the following information for your project area.

**Project:** Blackwater Heritage State Trail  
**Date Received:** 06/05/2011  
**Location:** Santa Rosa County

**Based on the information available, this site appears to be located within a significant region of natural areas and habitat for several rare species. Special consideration should be taken to avoid and/or mitigate impacts to these natural resources, and to design land uses that are compatible with these resources.**

#### **Element Occurrences**

A search of our maps and database indicates that currently we have several element occurrences mapped within the vicinity of the study area (see enclosed map and element occurrence table). Please be advised that a lack of element occurrences in the FNAI database is not a sufficient indication of the absence of rare or endangered species on a site.

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Florida Resources  
and Environmental  
Analysis Center

Institute of Science  
and Public Affairs

The Florida State University

*Tracking Florida's Biodiversity*

**Likely and Potential Rare Species**

In addition to documented occurrences, other rare species and natural communities may be identified on or near the site based on habitat models and species range models (see enclosed Biodiversity Matrix Report). These species should be taken into consideration in field surveys, land management, and impact avoidance and mitigation.

*FNAI habitat models indicate areas, which based on land cover type, offer suitable habitat for one or more rare species that is known to occur in the vicinity. Habitat models have been developed for approximately 300 of the rarest species tracked by the Inventory, including all federally listed species.*

*FNAI species range models indicate areas that are within the known or predicted range of a species, based on climate variables, soils, vegetation, and/or slope. Species range models have been developed for approximately 340 species, including all federally listed species.*

*The FNAI Biodiversity Matrix Geodatabase compiles Documented, Likely, and Potential species and natural communities for each square mile Matrix Unit statewide.*

**Land Acquisition Projects**

This site appears to border the Clear Creek / Whiting Field Florida Forever BOT Project, which is part of the State of Florida's Conservation and Recreation Lands land acquisition program. A description of this project is enclosed. For more information on this Florida Forever Project, contact the Florida Department of Environmental Protection, Division of State Lands.

*Florida Forever Board of Trustees (BOT) projects are proposed and acquired through the Florida Department of Environmental Protection, Division of State Lands. The state has no specific land management authority over these lands until they are purchased.*

The Inventory always recommends that professionals familiar with Florida's flora and fauna conduct a site-specific survey to determine the current presence or absence of rare, threatened, or endangered species.

Please visit [www.fnai.org/trackinglist.cfm](http://www.fnai.org/trackinglist.cfm) for county or statewide element occurrence distributions and links to more element information.

The database maintained by the Florida Natural Areas Inventory is the single most comprehensive source of information available on the locations of rare species and other significant ecological resources. However, the data are not always based on comprehensive or site-specific field surveys. Therefore this information should not be regarded as a final statement on the biological resources of the site being considered, nor should it be substituted for on-site surveys. Inventory data are designed for the purposes of conservation planning and scientific research, and are not intended for use as the primary criteria for regulatory decisions.

Information provided by this database may not be published without prior written notification to the Florida Natural Areas Inventory, and the Inventory must be credited as an information source in these publications. FNAI data may not be resold for profit.

**This report is made available at no charge due to funding from the Florida Department of Environmental Protection, Division of State Lands.**

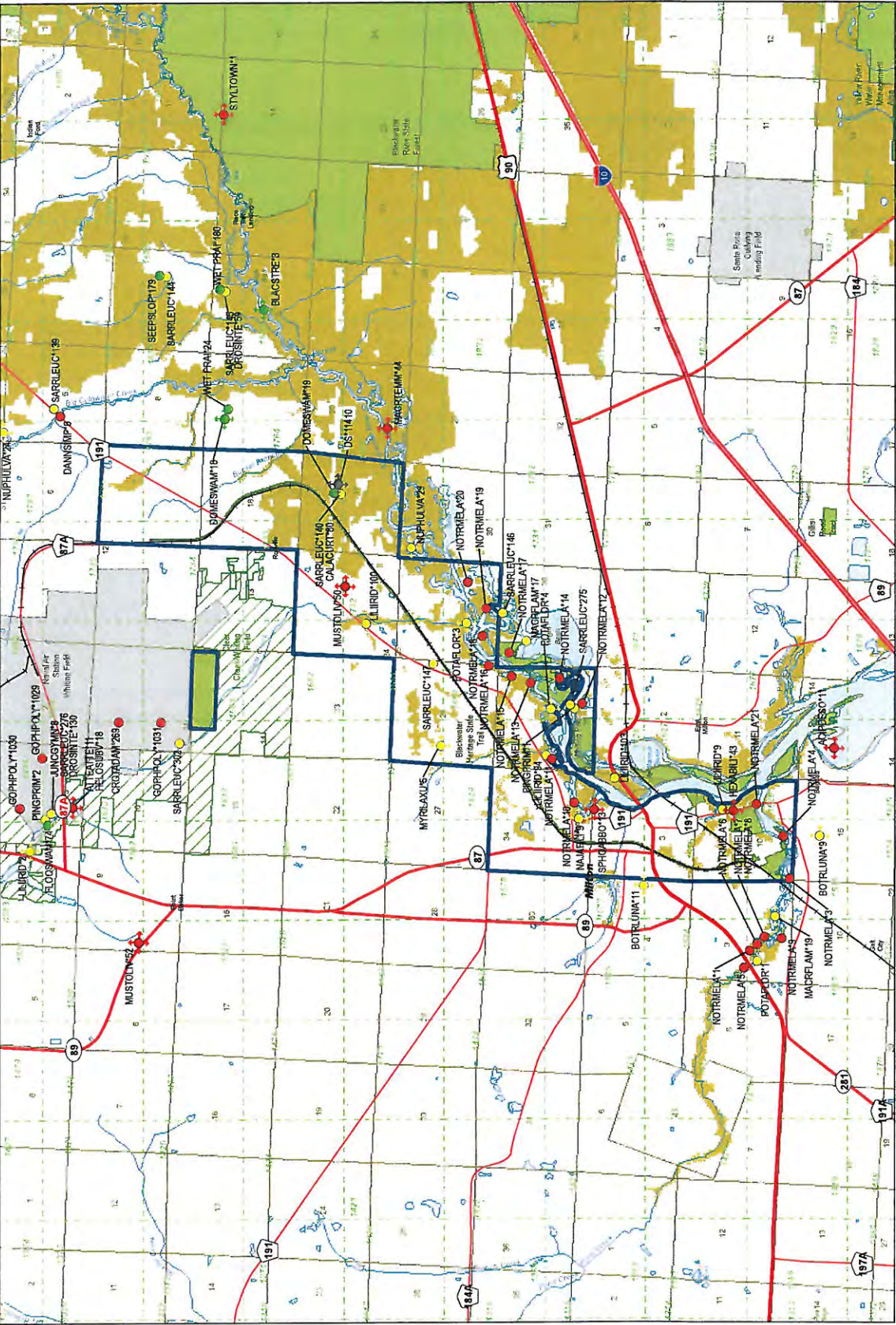
Thank you for your use of FNAI services. If I can be of further assistance, please give me a call at (850) 224-8207.

Sincerely,

*Michael O'Brien*

Michael O'Brien  
Data Services Analyst

Encl



1018 Thomassville Road  
Suite 100-C  
Tallahassee, FL 32303  
(850) 224-8287  
(850) 881-8354 Fax  
www.fnlai.org

**FLORIDA  
NATURAL AREAS  
INVENTORY**

- Element Occurrences**
- Animals
  - Plants
  - Communities
  - Other
  - Data Sensitive
  - Point Indicates General
  - Vicinity of Element
- U.S. Fish & Wildlife Service  
Scrub Jay Survey 1992-96

- Conservation Lands**
- Federal
  - State
  - Local
  - Private

- Land Acquisition Projects**
- State Aquatic Preserves
  - Florida Forever
  - Board of Trusteas Projects

- FNAI Rare Species**
- Habitat
  - FNAI Biodiversity Matrix
  - Square Mile Units

- County Boundary**
- Interstate
  - Turnpike
  - Major Highway
  - Local Road
  - Railroad (Inactive railroads shown in Gray)
  - Water

**NOTES**  
Map should not be interpreted without accompanying documents.  
Only element occurrences within 2 miles of the site are shown.





1018 Thomasville Road  
Suite 200-C  
Tallahassee, FL 32303  
(850) 224-8207  
(850) 681-9364 Fax  
www.fnai.org

## Florida Natural Areas Inventory

### DOCUMENTED ELEMENT OCCURRENCES ON OR NEAR Blackwater Heritage State Trail & Clear Creek Parcel



Map Label	Scientific Name	Common Name	Rank	Status	Listing	Date	Description	EO Comments
ACIPDES0*11	<i>Acipenser oxyrinchus desotoi</i>	Gulf Sturgeon	G3T2	S2	LT	FT	1991-03	Blackwater River:003.
ATTEATTE*11	<i>Attenella attenuata</i>	Hirsute Mayfly	G5	S1S2	N	N	1993-10-29	1993-10-29: No description given (U09DEP01FLUS).
BLACSTRE*3	Blackwater stream		G4	S3	N	N	2004	Sparse aquatic flora includes S. graminea, N. luteum, P. cordata, P. batrachospermum. Aquatic fauna is extremely diverse, although aquatic mammals are rare.
BOTRLUNA*11	<i>Botrychium lunarioides</i>	Winter Grape-fern	G4?	S3	N	N	2001-03-24	2001-3-24: Old (>100 years) active and maintained cemetery (U01BUR03FLUS).
BOTRLUNA*9	<i>Botrychium lunarioides</i>	Winter Grape-fern	G4?	S3	N	N	2001-03-31	2001-03-31: Small active cemetery with usual maintenance operations, mowing, weed wacking, etc (U01BUR01FLUS).
CALACURT*80	<i>Calamovilfa curtissii</i>	Curtiss' Sandgrass	G3	S3	N	LT	1992-06-18	ON EDGE OF DOME SWAMP (SEE DOME SWAMP EO FOR DESCRIPTION).
CROTADAM*269	<i>Crotalus adamanteus</i>	Eastern Diamondback Rattlesnake	G4	S3	N	N	1997-02-05	Burrow on edge of mowed runway clear zone near mature slash pine plantation; number of acres of potential habitat in immediate area estimated in the thousands (PNDPRI03FLUS).
DANNSIMP*6	<i>Dannella simplex</i>	A Mayfly	G5	S1	N	N	2007-09-27	2007-09-27: No description given (U09DEP01FLUS).



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www.fnai.org

## Florida Natural Areas Inventory

### DOCUMENTED ELEMENT OCCURRENCES ON OR NEAR Blackwater Heritage State Trail & Clear Creek Parcel



Map Label	Scientific Name	Common Name	Global State Federal State Observation			Description	EO Comments		
			Rank	Rank	Status				
DOMESWAM*18	Dome swamp		G4	S4	N	N	2004	RELATIVELY LARGE DOME THAT HAS A TALL, CLOSED CANOPY OF TAXODIUM ASCENDENS AND NYSSA BIFLORA AT ONE END, AND AN OPEN OVERSTORY OF TAXODIUM ASCENDENS AND A MIDSTORY OF ILEX MYRTIFOLIA AT THE OTHER END. ALSO A SMALLER DOME TO N OF LARGE DOME THAT HAS OPEN	2004: Update to last obs date was based on interpretation of aerial photography (previous value was 1992-06-18) UNDOUBTEDLY CONNECTED AT HIGH WATER PERIODS, ON EDGE OF BEDDED WET PRAIRIE AND PINUS ELLIOTTII PLANTATION (EX-FLATW
DOMESWAM*19	Dome swamp		G4	S4	N	N	2004	1992-06-18: Clay-based dome having a relatively open overstory of Taxodium ascendens, Nyssa biflora and Pinus elliotii, and a midstory of Ilex myrtifolia. The dome floor is well vegetated with Rhychospora, Carex, Panicum, erioca	2004: Update to last obs date was based on interpretation of aerial photography (previous value was 1992-06-18) (U05FNA02FLUS). 1992-06-18: fine dome swamp adjacent to power line and within an unburned Pinus palustris and P. elliotii flat
DROSINTE*130	<i>Drosera intermedia</i>	Spoon-leaved Sundew	G5	S3	N	LT	1996-08-13	1996-08-18: West end of drainage ditch and Clear Creek Bog area: evidence of disturbance: Beaver impoundment; area west of drainage ditch is overgrown with titi and gallberry (PNDAND04FLUS). 1990-10-16: through 30: Pitcher plant community	1996-08-13: Thousands of individuals in area just west of drainage ditch. Also observed a few individuals from the Boardwalk throughout the Clear Creek Bog Area (PNDAND04FLUS). 1990-10: In forest stand 23 scattered throughout the pitcher
DROSINTE*59	<i>Drosera intermedia</i>	Spoon-leaved Sundew	G5	S3	N	LT	1992-06-15	SEEPAGE SLOPE (SEE EO FOR DESCRIPTION).	OVER 100 INDIVIDUALS OBSERVED.
DS*11410	Data Sensitive Element	Data Sensitive	G2	S2	LE	FE	1993-02-25	Data Sensitive	Data Sensitive
FLOOSWAM*74	Floodplain swamp		G4	S4	N	N	1997-06-05	No general description given	1997-06-05: Floodplain swamp adjacent to small blackwater stream; most of swamp flooded due to beaver activity; Nyssa spp., Magnolia virginiana, and titi growing on small islands while Hypericum spp., Sarracenia leucophylla, Eriocaulon sp., Lachnocaulon



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## Florida Natural Areas Inventory

### DOCUMENTED ELEMENT OCCURRENCES ON OR NEAR Blackwater Heritage State Trail & Clear Creek Parcel



Map Label	Scientific Name	Common Name	Global State Rank	Federal Rank	Status	Listing	Observation Date	Description	EO Comments
GOPHPOLY**1029	<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	ST	1997-02-05	Combination of different aged pine plantations and associated edges, old jeep trail paths and fire suppressed upland pine community; evidence of disturbance: Continued fire suppression, development, poaching; number of acres of potential habitat in immed	1997-01-21 through 1997-02-05: Of 32 burrows observed, 25 examined with burrow camera (7 too small to survey): 16 occupied, 7 abandoned and 2 inconclusive; 7 small (7-9 cm) burrows indicative of reproduction; population estimated at 25-30 animals (PNDPRI)
GOPHPOLY*1030	<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	ST	1997-01-31	Young pine plantation and mowed airfield clear zone; evidence of disturbance: Silviculture, airfield, number of acres of potential habitat in immediate area estimated at 120 acres; 20% of this habitat occupied by species, only using young pine plantation	1997-01-31: 3 burrows observed with burrow camera: 2 occupied and 1 abandoned; population estimated at 2-5 animals; no evidence of reproduction at site (PNDPRI03FLUS).
GOPHPOLY*1031	<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	ST	1997-02-05	Mowed airfield clear zones, various aged pine plantations, drainage ditch R.O.W.s; number of acres of potential habitat in immediate area estimated at 640 acres; less than 10% of this habitat is occupied by this species—tortoises observed in clear zone	1997-02-04 and 05: Of 16 burrows observed, 15 observed with burrow camera (1 too small to survey): 10 burrows occupied, 1 vacant, 1 abandoned, and 3 inconclusive; population estimated at 15-25 tortoises; two small burrows indicative of reproduction (PNDDP)
HELOSUBV*18	<i>Helopocus subvarians</i>	A Stonefly	G5	S1S2	N	N	1993-10-29	1993-10-29: No description given (U09DEP01FLUS).	1993-10-29: Staff from the Florida Department of Environmental Protection collected this species (U09DEP01FLUS).
HEXABILI*43	<i>Hexagenia bilineata</i>	A Mayfly	G5	S2	N	N	1994-08-29	1994-08-29: No description given (U09DEP01FLUS).	1994-08-29: Staff from the Florida Department of Environmental Protection collected this species (U09DEP01FLUS).
JUNCGYMN*8	<i>Juncus gymnocarpus</i>	Coville's Rush	G4	S2	N	LE	1996-03-29	Baygall in floodplain of Clear Creek with <i>Cyrtilla racemiflora</i> , <i>Cliftonia monophylla</i> , <i>Nyssa biflora</i> , <i>Magnolia virginiana</i> , <i>Oreocarya aquatica</i> , <i>Sarracenia leucophylla</i> .	1996-03-29: 1000-10,000 individuals observed. Most were in flower [90%]. Population healthy with no evidence of disease or predation [PNDAND04FLUS].



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LILIRID*100	<i>Lilium iridollae</i>	Panhandle Lily	G2 S2 N LE	2006-08-16: A ruderal clearing. Growing in open, marshy, edge of baygall; deep ditch in front; under power line with <i>Magnolia virginiana</i> , <i>Cyrtilla racemiflora</i> , <i>Sarracenia leucophylla</i> (U06JOH01FLUS).	2006-08-16: 1-10 plants in flower/bud (U06JOH01FLUS).
LILIRID*103	<i>Lilium iridollae</i>	Panhandle Lily	G2 S2 N LE	2006-08-14: Floodplain swamp with canopy: <i>Chamaecyparis thyoides</i> , <i>Magnolia virginiana</i> , <i>Nyssa sylvatica</i> var. <i>biflora</i> . Perpat; herbs: <i>Osmunda regalis</i> var. <i>spectabilis</i> , <i>Eriocaulon decangulare</i> , <i>Peltandra sagittifolia</i> , <i>Drosera intermedia</i>	2006-08-14: Seven plants observed: 4 with immature fruit, 3 vegetative; likely more in area (U06JOH01FLUS).
LILIRID*2	<i>Lilium iridollae</i>	Panhandle Lily	G2 S2 N LE	1999-08-03: CLEAR CREEK FORMS A SMALL LAKE WEST OF HWY 87 - A NARROW STRIP OF SWAMPY FOREST CORRESPONDING TO THE 1965 DESCRIPTION IS PRESENT ON THE EDGES OF THE LAKE BUT THE SIDES SLOPE STEEPLY UPWARD TO LONGLEAF PINE FOREST; THERE WAS A SMELL OF SEWAGE	1999-08-03: NOT SEEN (PNDJOH01FLUS); 1990: NOT SEEN (PNDLUN02FLUS); 1986-07-26: NOT SEEN (PNDLHAR07FLUS); 1985-07-02: NOT CONFIRMED WITH CERTAINTY, SEE FIELD FORMS IN GMF(U85BAR01FLUS); 1979-09: INTENSIVE FIELD SEARCH FAILED TO LOCATE BUT SPECIES CAN APP
LILIRID*9	<i>Lilium iridollae</i>	Panhandle Lily	G2 S2 N LE	1999-08-03: SWAMPY WOODS ALONG CREEK WITH BALD CYPRESS, SWEETBAY AND GUM IN CANOPY AND ROYAL FERN, CINNAMON FERN AND CRINIUM LILIES IN UNDERSTORY. PLANTS ARE IN SUNNY OPENING IN CANOPY NEAR EDGE OF WOODS, CA 50 YDS E OF SR191. WOODS BORDERED BY WEEDY CLEA	1999-08-03: 6 plants seen, one in bud, the rest vegetative, in opening in canopy (PNDJOH01FLUS); 1990: NOT SEEN, E. LUNA. (PNDLUN02FLUS); 1976-09-03: FRUITING, RARE (S76GHOAGFLUS).



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LILJRID*94	<i>Lilium iridollae</i>	Panhandle Lily	G2	S2	N	LE	2006-08-09: Disturbed floodplain forest with open canopy on NW side; <i>Nyssa biflora</i> , <i>Magnolia virginiana</i> , <i>Sapium sebiferum</i> /Hypericum fasciculatum; on SE side more intact forest: <i>Taxodium distichum</i> , <i>Magnolia virginiana</i> , <i>Pinus elliotii</i> , <i>Nyssa bif</i>	2006-08-09: 32 plants mostly in flower on northwest side of CR-191 and 22 plants on southeast side of road (U06JOH01FLUS).
MACREFLAM*17	<i>Macranthera flammea</i>	Hummingbird Flower	G3	S2	N	LE	2000-08-25: In baygall and the emergent fringe of Wright's Basin; prolific in cleared lot adjacent to man-made canal. Dominant spp: Atlantic white cedar ( <i>Chamaecyparis thyoides</i> ), <i>Cyrilla racemiflora</i> , <i>Cliftonia monophylla</i> , <i>Hypericum</i> spp., <i>Magnolia virgin</i>	2000-08-25: 100+ seen flowering and fruiting (PNDHIE01FLUS).
MACREFLAM*19	<i>Macranthera flammea</i>	Hummingbird Flower	G3	S2	N	LE	2000-10-8: Streamside shrubby thicket with <i>Nyssa biflora</i> , <i>Hypericum nitidum</i> , <i>Ilex coriacea</i> , <i>Taxodium acedans</i> , <i>Amoglossum ovatum</i> , <i>Balduina uniflora</i> , <i>Oxypolis filiformis</i> , <i>Juncus trigonocarpus</i> (U00BUR01FLUS).	2000-10-8: Along banks of Pond Creek, too numerous to count, hundreds observed scattered over a distance of about 1 mile, plants both fruiting, flowering and in leaf (U00BUR01FLUS).
MACRETEM*44	<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	SSC	1996-05-23	Blackwater stream.
MUSTOLIV*50	<i>Mustela frenata olivacea</i>	Southeastern Weasel	G5T4	S3?	N	N	1997-PRE	No general description given
MUSTOLIV*52	<i>Mustela frenata olivacea</i>	Southeastern Weasel	G5T4	S3?	N	N	1991-02-13	Pine flatwoods and agricultural fields.
MYRILAXU*5	<i>Myriophyllum laxum</i>	Piedmont Water Milfoil	G3	S3	N	N	1976-09-03	No general description given
NAJAFILI*9	<i>Najas filifolia</i>	Narrowleaf Naiad	G1	S1	N	LT	1987	1987: Lower reaches of Blackwater River at boat landing in a town park (K. Wurdack).



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NOTRMELA*1	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989-02-08	1989-02-08: silt-bottomed, vegetated lentic backwater (PNDBOR01FLUS).	1989-02-08: species very abundant here, Bailey and Suttkus collected hundred of specimens between 1939 and 1982 (A90SUT01FLUS); more than 1,000 individuals observed at this site by Bortone et al. (U90BOR01FLUS). Specimens in FMNH (078363) (U90FSM01FLUS)
NOTRMELA*10	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	UNDETERMINED NUMBER OF INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*11	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	100-1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*12	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	MORE THAN 1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*13	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	LESS THAN 100 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*14	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	100-1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*15	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	LESS THAN 100 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*16	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	LESS THAN 100 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*17	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	MORE THAN 1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01). TEN PARATYPES (UWF-6527) COLLECTED AT THIS SITE (A89BOR01).
NOTRMELA*18	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	100-1000 INDIVIDUALS OBSERVED AT THIS SITE (90BOR01).
NOTRMELA*19	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	1989: Silt-bottomed, vegetated lentic backwater (PNDBOR01FLUS).	1973-04-17: more than 1000 individuals have been observed at this site (U90BOR01FLUS).
NOTRMELA*20	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	MORE THAN 1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*21	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1976-08-21	No general description given	ONE SPECIMEN TAKEN BY SUTTKUS ON 21 AUG. 1976 (TU-99354).



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NOTRMELA*3	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	SUTTKUS COLLECTED 162 SPECIMENS BETWEEN 21 AUG. 1976 AND 17 JULY 1977 (A90SUT01); 100-1000 INDIVIDUALS OBSERVED AT THIS SITE BY BORTONE ET AL. (U90BOR01). SUTTKUS SPECIMENS DEPOSITED IN TULANE MUSEUM (A90SUT01); 15 PARATYPES (USNM-301400, 5; FMNH-98255, 5 MORE THAN 1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01). THE HOLOTYPE (FMNH-078305), AND 5 PARATYPES (FMNH-078365) COLLECTED AT THIS SITE (A89BOR01).
NOTRMELA*4	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	MORE THAN 1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*5	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	MORE THAN 1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*6	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	100-1000 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*7	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	LESS THAN 100 FISH OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*8	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1988	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	LESS THAN 100 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NOTRMELA*9	<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST	1989	SILT-BOTTOMED, VEGETATED LENTIC BACKWATER.	LESS THAN 100 INDIVIDUALS OBSERVED AT THIS SITE (U90BOR01).
NUPHULVA*24	<i>Nuphar advena ssp. ulvacea</i>	West Florida Cowlily	G5T2	S2	N	N	1995-08-20	On west side of blackwater stream; rooted on submerged vertical bank in a small ox bow.	1995-08-20: One small clump of ca. 15 plants observed; ca. 8 in flower (PNDPRI03).
NUPHULVA*29	<i>Nuphar advena ssp. ulvacea</i>	West Florida Cowlily	G5T2	S2	N	N	1996-04-10	Blackwater stream.	1996-04-10: Approximately 51-100 plants observed scattered along river on downstream side of nearly every shoal. Population healthy with no evidence of disease or predation (PNDJEN02FLUS).



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PINGPRIM*1	<i>Pinguicula primuliflora</i>	Primrose-flowered Butterwort	G3G4	S3	N	LE	LE	1996-03-15	Floodplain swamp; some Taxodium stumps present; dominant species: <i>Magnolia virginiana</i> , <i>Taxodium ascendens</i> , <i>Myrica cerifera</i> , <i>Cliftonia monophylla</i> , <i>Juncus</i> sp., <i>Nyssa biflora</i> , <i>Hypericum</i> spp., <i>Lyonia lucida</i> , <i>Sarracenia leucophylla</i> (PNDAND04FLUS).	1996-03-15: 100+ individuals; flowering (PNDAND04FLUS).
PINGPRIM*2	<i>Pinguicula primuliflora</i>	Primrose-flowered Butterwort	G3G4	S3	N	LE	LE	1996-03-29	Beaver impoundment/floodplain swamp; natural disturbance by beaver impoundment; siltation; dominant species: <i>Nyssa biflora</i> , <i>Xyris</i> spp., <i>Eriocaulon</i> spp., <i>Sarracenia leucophylla</i> , <i>Oroonium aquaticum</i> , <i>Drosera intermedia</i> (PNDAND04FLUS).	1996-03-29: 8 seen; flowering and in leaf; probably throughout floodplain swamp (PNDAND04FLUS).
POTAFLOR*1	<i>Potamogeton floridanus</i>	Florida Pondweed	G1	S1	N	LE	LE	2001-06-00	2001-06: SOUTH END OF POND CREEK (PNDBUR04FLUS).	2001-06: MANY PLANTS WITHIN A 100 SQUARE FOOT AREA AT BOTH THE NORTH AND SOUTH END OF THE PARK; FLOWERING (PNDBUR04FLUS). 1986: IN TWO TO FOUR FEET OF WATER AND IN THE VICINITY OF POTAMOGETON DIVERSIFOLIA (A86WIL01FLUS).
POTAFLOR*3	<i>Potamogeton floridanus</i>	Florida Pondweed	G1	S1	N	LE	LE	1986	No general description given	IN TWO TO FOUR FEET OF WATER AND IN THE VICINITY OF POTAMOGETON DIVERSIFOLIA.
POTAFLOR*4	<i>Potamogeton floridanus</i>	Florida Pondweed	G1	S1	N	LE	LE	1986	No general description given	IN TWO TO FOUR FEET OF WATER AND IN THE VICINITY OF POTAMOGETON DIVERSIFOLIA.
SARRLEUC*139	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE	LE	1992-06-18	REGENERATING SWAMP DOMINATED BY AN OVERSTORY OF DEAD TAXODIUM ASCENDENS SNAGS. REGENERATING VEGETATION INCLUDES: TAXODIUM ASCENDENS, NYSSA BIFLORA, ALNUS SERRULATA, CHAMAECYPARIS THOIDES, CLIFTONIA MONOPHYLLA, CYRILLA RACEMIFLORA, ACER RUBRUM, HYPERICUM	SEVERAL DOZEN PLANTS OBSERVED SCATTERED AMID HYDROPHYTIC SHRUBS.





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SARRLEUC*140	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE		1992-06-18	SEE DOME SWAMP EO FOR DESCRIPTION OF DOME. OPEN, PRAIRIE-LIKE AREA BENEATH POWER LINE IS VEGETATED WITH ARISTIDA STRICTA, SARRACENIA PSITTACINA, DROSEIRA TRACYI, D. BREVIFOLIA, LOPHIOLA AMERICANA, LACHNANTHES CAROLINIANA, POLYGALA LUTEA, RHEXIA LUTEA, R.	SEVERAL HUNDRED OBSERVED BENEATH POWER LINE RIGHT-OF-WAY AND AROUND EDGE OF ADJACENT DOME SWAMP.
SARRLEUC*144	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE		1992-06-15	SEEPAGE SLOPE (SEE EO FOR DESCRIPTION) AND SMALL SEEPAGE STREAM.	SEVERAL DOZEN PLANTS OBSERVED IN A SEEPAGE SLOPE. SEVERAL MORE AT DRAIN CROSSING JUST S OF SEEPAGE SLOPE.
SARRLEUC*145	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE		1992-06-15	SEEPAGE SLOPE (SEE EO FOR DESCRIPTION).	TWO CLUMPS OBSERVED.
SARRLEUC*146	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE		1992-06-18	DENSE, SECOND-GROWTH SWAMP/BAYGALL DOMIANTED BY CHAMAECYPARIS THYOIDES, NYSSA BIFLORA, AND MAGNOLIA VIRGINIANA. PINUS ELLIOTTII AND TAXODIUM ASCENDENS ARE MINOR COMPONENTS OF OVERSTORY. DENSE UNDERSTORY COMPOSED OF THICKET OF MYRICA CERIFERA, CLIFTONIA M	SEVERAL DOZEN PLANTS OBSERVED. ONE PLANT WITH A 3 FT. TALL PITCHER.
SARRLEUC*147	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE		1992-06-18	SMALL ARISTIDA STRICTA "PRAIRIE" (PROBABLY EX-FLATWOODS).	FOUR CLUMPS OF PLANTS OBSERVED.
SARRLEUC*275	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE		1996-03-15	Floodplain swamp with partial light. Associated species include <i>Magnolia virginiana</i> , <i>Taxodium ascendens</i> , <i>Myrica cerifera</i> , <i>Cliftonia monophylla</i> , <i>Juncus</i> sp., <i>Pinguicula primuliflora</i> , <i>Hypericum</i> spp., <i>Vaccinium elliotii</i> , <i>Nyssa biflora</i> , <i>Lyonia lucida</i> . Some T	1996-03-15: 51-100 plants observed. All in leaf, 50% in flower. Appear healthy, no signs of disease or predation (PNDAND04FLUS).



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SARRLEUC*276	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE	1996-03-29	1996-03-29: Severe siltation created from upstream erosion of clay pit. Creek is dammed by beaver and the entire site is unundated (PNDAND04FLUS). 1990-10-00: One colony - hundreds of individuals (PNDBUR04FLUS). 1990-10-16 through 30: Within forest stand in floodplain of Clear Creek; shallow-water marsh created by be	1996-03-29: Hundreds (possibly thousands) of individuals remain, most were in flower (PNDAND04FLUS). 1990-10-00: One colony - hundreds of individuals (PNDBUR04FLUS).
SARRLEUC*302	<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE	1996-06-06	Seepage slope.	1996-06-06: 11-50 plants (genets) observed in an area in southern portion of field. No reproduction was evident (PNDAND04FLUS).
SEEPSLOP*179	Seepage slope		G2	S2	N	N	1992-06-15	UNBURNED SEEPAGE SLOPE IS BEING INVADED BY CLIFTONIA MONOPHYLLA, PINUS ELLIOTTII, AND MAGNOLIA VIRGINIANA. OTHER COMMON SPECIES INCLUDE: ARISTIDA STRICTA, SMILAX LAURIFOLIA, RHYNCHOSPORA, LACHNOCAULON ANCEPS, ERIOCAULON, XYRIS, RHEXIA LUTEA, ASCLEPIAS CO	UNBURNED SEEPAGE SLOPE BETWEEN BEDDED, YOUNG PINUS ELLIOTTII PLANTATION AND BAYGALL/BASIN SWAMP.
SPHOABBO*13	<i>Sphodros abboti</i>	Blue Purse-web Spider	G4G5	S4	N	N	1998-05-14	1998-05-14: webs found at bases of trees (U98MOL02FLUS).	1998-05-14: Species was collected on site by P. E. Moler (U98MOL02FLUS).
STYLTOWN*1	<i>Stylurus townesi</i>	Bronze Clubtail	G3	S1	N	N	2001	2001-08: There are an estimated 25 miles of suitable habitat in and along the banks of Juniper Creek and Blackwater River for this species (U07DAI03FLUS).	2001-08: An estimated 2000+ individuals were seen. This population has existed at this site since at least 1975 (U07DAI03FLUS)



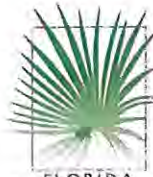
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### DOCUMENTED ELEMENT OCCURRENCES ON OR NEAR Blackwater Heritage State Trail & Clear Creek Parcel



Map Label	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	Observation Date	Description	EO Comments
WET PRAI*180	Wet prairie		G2	S2	N	N	1992-06-15 NARROW, UNBURNED, SEEPAGE SLOPE INVADED BY CLIFTONIA MONOPHYLLA, CYRILLA RACEMIFLORA, AND HYPERICUM. OTHER VEGETATION INCLUDES: LOPHIOLA AMERICA, XYRIS, ARISTIDA STRICTA, LACHNANTHES CAROLINIANA, LACHNOCAULON ANCEPS, ERIOCAULON, DROSERA BREVIFOLIA, D. IN	2010: Prior to the 2010 natural community reclassification effort this EO had been known as Seepage slope EO number 180 (see U10FNA01FLUS for updated community descriptions). NARROW, UNBURNED SEEPAGE SLOPE IMMEDIATELY ADJACENT TO A BAYGALL AND A SMALL RE
WET PRAI*24	Wet prairie		G2	S2	N	N	1992-06-18 BEDDED PRAIRIE WITH LITTLE REMAINING ARISTIDA STRICTA. NATIVE VEGETATION REMAINING INCLUDES PINGUICULA PLANIFOLIA, LACHNANTHES CAROLINIANA, DICHROMENA LATIFOLIA, PLATANHERA NIVEA, POLYGALA CYMOSEA, COREOPSIS NUDATA, LYCOPODIUM, ANDROPOGON, PANICUM, RHYNCH	DEGRADED, BEDDED WET PRAIRIE ON EDGE OF CYPRESS DOME AND PINUS ELLIOTTII PLANTATION (EX-FLATWOODS).



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FLORIDA  
Natural Areas  
INVENTORY

# Florida Natural Areas Inventory

## Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<b>Documented</b>					
<i>Botrychium lunarioides</i>	Winter Grape-fern	G4?	S3	N	N
<i>Calamovilfa curtissii</i>	Curtiss' Sandgrass	G3	S3	N	LT
Dome swamp		G4	S4	N	N
<i>Hexagenia bilineata</i>	A Mayfly	G5	S2	N	N
<i>Lilium iridollae</i>	Panhandle Lily	G2	S2	N	LE
<i>Macranthera flammea</i>	Hummingbird Flower	G3	S2	N	LE
<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST
<i>Pinguicula primuliflora</i>	Primrose-flowered Butterwort	G3G4	S3	N	LE
<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE
<i>Sphodros abboti</i>	Blue Purse-web Spider	G4G5	S4	N	N
<b>Documented-Historic</b>					
<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST
<b>Likely</b>					
<i>Acipenser oxyrinchus desotoi</i>	Gulf Sturgeon	G3T2	S2	LT	FT
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S2	LE	FE
Blackwater stream		G4	S3	N	N
<i>Botrychium lunarioides</i>	Winter Grape-fern	G4?	S3	N	N
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	N	ST
<i>Macranthera flammea</i>	Hummingbird Flower		S2	N	LE
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	SSC
Mesic flatwoods		G4	S4	N	N
<i>Mustela frenata olivacea</i>	Southeastern Weasel	G5T4	S3?	N	N
<i>Najas filifolia</i>	Narrowleaf Naiad	G1	S1	N	LT
<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST
<i>Nuphar advena ssp. ulvacea</i>	West Florida Cowlily	G5T2	S2	N	N
<i>Picoides borealis</i>	Red-cockaded Woodpecker	G3	S2	LE	FE
<i>Potamogeton floridanus</i>	Florida Pondweed	G1	S1	N	LE
Sandhill		G3	S2	N	N
Sandhill upland lake			S2	N	N
Upland hardwood forest		G5	S3	N	N
<b>Potential</b>					
<i>Acipenser oxyrinchus desotoi</i>	Gulf Sturgeon	G3T2	S2	LT	FT
<i>Agrimonia incisa</i>	Incised Groove-bur	G3	S2	N	LE
<i>Aimophila aestivalis</i>	Bachman's Sparrow		S3	N	N
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S2	LE	FE
<i>Ambystoma cingulatum</i>	Frosted Flatwoods Salamander		S2	LT	FT
<i>Amphiuma pholeter</i>	One-toed Amphiuma	G3	S3	N	N
<i>Andropogon arctatus</i>	Pine-woods Bluestem		S3	N	LT
<i>Athene cucularia floridana</i>	Florida Burrowing Owl	G4T3	S3	N	SSC
<i>Baptisia calycosa var. villosa</i>	Hairy Wild Indigo	G3T3	S3	N	LT
<i>Calamintha dentata</i>	Toothed Savory	G3	S3	N	LT
<i>Calamovilfa curtissii</i>	Curtiss' Sandgrass		S3	N	LT
<i>Carex baltzellii</i>	Baltzell's Sedge		S3	N	LT
<i>Cistothorus palustris marianae</i>	Marian's Marsh Wren	G5T3	S3	N	SSC
<i>Coelorachis tuberculosa</i>	Piedmont Jointgrass	G3	S3	N	LT

**Definitions:** Documented - Rare species and natural communities documented on or near this site.  
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.  
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.  
 Potential - This site lies within the known or predicted range of the species listed.



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# Florida Natural Areas Inventory

## Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S2	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	LT	FT
<i>Fundulus jenkinsi</i>	Saltmarsh Topminnow		S2	SC	SSC
<i>Gopherus polyphemus</i>	Gopher Tortoise		S3	N	ST
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2	N	N
<i>Homoeoneuria dolani</i>	Blue Sand-river Mayfly	G3G4	S1S2	N	N
<i>Lachnocaulon digynum</i>	Bog Button	G3	S3	N	LT
<i>Lilium iridollae</i>	Panhandle Lily	G2	S2	N	LE
<i>Litsea aestivalis</i>	Pondspice	G3	S2	N	LE
<i>Lobelia boykinii</i>	Pond's Lobelia	G2G3	S1	N	LE
<i>Lupinus westianus</i>	Gulf Coast Lupine	G3	S3	N	LT
<i>Macranthera flammea</i>	Hummingbird Flower		S2	N	LE
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	SSC
<i>Magnolia ashei</i>	Ashe's Magnolia	G2	S2	N	LE
<i>Matelea alabamensis</i>	Alabama Spiny-pod		S2	N	LE
<i>Myriophyllum laxum</i>	Piedmont Water Milfoil	G3	S3	N	N
<i>Neofiber alleni</i>	Round-tailed Muskrat		S3	N	N
<i>Notropis melanostomus</i>	Blackmouth Shiner	G2	S1	N	ST
<i>Nuphar advena ssp. ulvacea</i>	West Florida Cowlily	G5T2	S2	N	N
<i>Oxypolis greenmanii</i>	Giant Water-dropwort	G3	S3	N	LE
<i>Panicum nudicaule</i>	Naked-stemmed Panicgrass	G3Q	S3	N	LT
<i>Picoides borealis</i>	Red-cockaded Woodpecker	G3	S2	LE	FE
<i>Pinguicula primuliflora</i>	Primrose-flowered Butterwort	G3G4	S3	N	LE
<i>Pituophis melanoleucus mugitus</i>	Florida Pine Snake	G4T3	S3	N	SSC
<i>Platanthera integra</i>	Yellow Fringeless Orchid	G3G4	S3	N	LE
<i>Polygonella macrophylla</i>	Large-leaved Jointweed	G3	S3	N	LT
<i>Potamogeton floridanus</i>	Florida Pondweed	G1	S1	N	LE
<i>Quercus arkansana</i>	Arkansas Oak	G3	S3	N	LT
<i>Rana capito</i>	Gopher Frog		S3	N	SSC
<i>Rhexia parviflora</i>	Small-flowered Meadowbeauty	G2	S2	N	LE
<i>Rhexia salicifolia</i>	Panhandle Meadowbeauty		S2	N	LT
<i>Rhododendron austrinum</i>	Florida Flame Azalea	G3	S3	N	LE
<i>Rhynchospora crinipes</i>	Hairy-peduncled Beaksedge	G2	S2	N	LE
<i>Sarracenia leucophylla</i>	White-top Pitcherplant	G3	S3	N	LE
<i>Tephrosia mohrii</i>	Pineland Hoary-pea		S3	N	LT
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T2	S2	N	ST*
<i>Verbesina chapmanii</i>	Chapman's Crownbeard	G3	S3	N	LT
<i>Xyris longisepala</i>	Karst Pond Xyris	G2G3	S2S3	N	LE
<i>Xyris scabrifolia</i>	Harper's Yellow-eyed Grass	G3	S3	N	LT

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 Potential - This site lies within the known or predicted range of the species listed.

## Elements and Element Occurrences

An **element** is any exemplary or rare component of the natural environment, such as a species, natural community, bird rookery, spring, sinkhole, cave, or other ecological feature.

An **element occurrence (EO)** is an area of land and/or water in which a species or natural community is, or was, present. An EO should have practical conservation value for the Element as evidenced by potential continued (or historical) presence and/or regular recurrence at a given location.

## Element Ranking and Legal Status

Using a ranking system developed by NatureServe and the Natural Heritage Program Network, the Florida Natural Areas Inventory assigns two ranks for each element. The global rank is based on an element's worldwide status; the state rank is based on the status of the element in Florida. Element ranks are based on many factors, the most important ones being estimated number of Element Occurrences (EOs), estimated abundance (number of individuals for species; area for natural communities), geographic range, estimated number of adequately protected EOs, relative threat of destruction, and ecological fragility.

### **FNAI GLOBAL ELEMENT RANK**

- G1** = Critically imperiled globally because of extreme rarity (5 or fewer occurrences or less than 1000 individuals) or because of extreme vulnerability to extinction due to some natural or man-made factor.
- G2** = Imperiled globally because of rarity (6 to 20 occurrences or less than 3000 individuals) or because of vulnerability to extinction due to some natural or man-made factor.
- G3** = Either very rare and local throughout its range (21-100 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction from other factors.
- G4** = Apparently secure globally (may be rare in parts of range).
- G5** = Demonstrably secure globally.
- GH** = Of historical occurrence throughout its range, may be rediscovered (e.g., ivory-billed woodpecker).
- GX** = Believed to be extinct throughout range.
- GXC** = Extirpated from the wild but still known from captivity or cultivation.
- G#?** = Tentative rank (e.g., G2?).
- G#G#** = Range of rank; insufficient data to assign specific global rank (e.g., G2G3).
- G#T#** = Rank of a taxonomic subgroup such as a subspecies or variety; the G portion of the rank refers to the entire species and the T portion refers to the specific subgroup; numbers have same definition as above (e.g., G3T1).
- G#Q** = Rank of questionable species - ranked as species but questionable whether it is species or subspecies; numbers have same definition as above (e.g., G2Q).
- G#T#Q** = Same as above, but validity as subspecies or variety is questioned.
- GU** = Unrankable; due to a lack of information no rank or range can be assigned (e.g., GUT2).
- GNA** = Ranking is not applicable because the element is not a suitable target for conservation (e.g. a hybrid species).
- GNR** = Element not yet ranked (temporary).
- GNRTNR** = Neither the element nor the taxonomic subgroup has yet been ranked.

### **FNAI STATE ELEMENT RANK**

- S1** = Critically imperiled in Florida because of extreme rarity (5 or fewer occurrences or less than 1000 individuals) or because of extreme vulnerability to extinction due to some natural or man-made factor.
- S2** = Imperiled in Florida because of rarity (6 to 20 occurrences or less than 3000 individuals) or because of vulnerability to extinction due to some natural or man-made factor.
- S3** = Either very rare and local in Florida (21-100 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction from other factors.
- S4** = Apparently secure in Florida (may be rare in parts of range).
- S5** = Demonstrably secure in Florida.
- SH** = Of historical occurrence in Florida, possibly extirpated, but may be rediscovered (e.g., ivory-billed woodpecker).
- SX** = Believed to be extirpated throughout Florida.
- SU** = Unrankable; due to a lack of information no rank or range can be assigned.
- SNA** = State ranking is not applicable because the element is not a suitable target for conservation (e.g. a hybrid species).
- SNR** = Element not yet ranked (temporary).

## **FEDERAL LEGAL STATUS**

Legal status information provided by FNAI for information only. For official definitions and lists of protected species, consult the relevant federal agency.

Definitions derived from U.S. Endangered Species Act of 1973, Sec. 3. Note that the federal status given by FNAI refers only to Florida populations and that federal status may differ elsewhere.

- C** = Candidate species for which federal listing agencies have sufficient information on biological vulnerability and threats to support proposing to list the species as Endangered or Threatened.
- LE** = Endangered: species in danger of extinction throughout all or a significant portion of its range.
- LE, LT** = Species currently listed endangered in a portion of its range but only listed as threatened in other areas
- LE, PDL** = Species currently listed endangered but has been proposed for delisting.
- LE, PT** = Species currently listed endangered but has been proposed for listing as threatened.
- LE, XN** = Species currently listed endangered but tracked population is a non-essential experimental population.
- LT** = Threatened: species likely to become Endangered within the foreseeable future throughout all or a significant portion of its range.
- SAT** = Treated as threatened due to similarity of appearance to a species which is federally listed such that enforcement personnel have difficulty in attempting to differentiate between the listed and unlisted species.
- SC** = Not currently listed, but considered a "species of concern" to USFWS.

## **STATE LEGAL STATUS**

Provided by FNAI for information only. For official definitions and lists of protected species, consult the relevant state agency.

**Animals:** Definitions derived from "Florida's Endangered Species and Species of Special Concern, Official Lists" published by Florida Fish and Wildlife Conservation Commission, 1 August 1997, and subsequent updates.

- FE** = Listed as Endangered Species at the Federal level by the U. S. Fish and Wildlife Service
- FT** = Listed as Threatened Species at the Federal level by the U. S. Fish and Wildlife Service
- F(XN)** = Federal listed as an experimental population in Florida
- FT(S/A)** = Federal Threatened due to similarity of appearance
- ST** = State population listed as Threatened by the FFWCC. Defined as a species, subspecies, or isolated population which is acutely vulnerable to environmental alteration, declining in number at a rapid rate, or whose range or habitat is decreasing in area at a rapid rate and as a consequence is destined or very likely to become an endangered species within the foreseeable future. (ST\* for *Ursus americanus floridanus* (Florida black bear) indicates that this status does not apply in Baker and Columbia counties and in the Apalachicola National Forest. ST\* for *Neovison vison pop.1* (Southern mink, South Florida population) indicates that this status applies to the Everglades population only.)
- SSC** = Listed as Species of Special Concern by the FFWCC. Defined as a population which warrants special protection, recognition, or consideration because it has an inherent significant vulnerability to habitat modification, environmental alteration, human disturbance, or substantial human exploitation which, in the foreseeable future, may result in its becoming a threatened species. (SSC\* indicates that a species has SSC status only in selected portions of its range in Florida. SSC\* for *Pandion haliaetus* (Osprey) indicates that this status applies in Monroe county only.)
- N** = Not currently listed, nor currently being considered for listing.

**Plants:** Definitions derived from Sections 581.011 and 581.185(2), Florida Statutes, and the Preservation of Native Flora of Florida Act, 5B-40.001. FNAI does not track all state-regulated plant species; for a complete list of state-regulated plant species, call Florida Division of Plant Industry, 352-372-3505 or see: <http://www.doacs.state.fl.us/pi/>.

- LE** = Endangered: species of plants native to Florida that are in imminent danger of extinction within the state, the survival of which is unlikely if the causes of a decline in the number of plants continue; includes all species determined to be endangered or threatened pursuant to the U.S. Endangered Species Act.
- LT** = Threatened: species native to the state that are in rapid decline in the number of plants within the state, but which have not so decreased in number as to cause them to be Endangered.
- N** = Not currently listed, nor currently being considered for listing.

## Element Occurrence Ranking

FNAI ranks of quality of the element occurrence in terms of its viability (EORANK). Viability is estimated using a combination of factors that contribute to continued survival of the element at the location. Among these are the size of the EO, general condition of the EO at the site, and the conditions of the landscape surrounding the EO (e.g. an immediate threat to an EO by local development pressure could lower an EO rank).

- A** = Excellent estimated viability
- A?** = Possibly excellent estimated viability
- AB** = Excellent or good estimated viability
- AC** = Excellent, good, or fair estimated viability
- B** = Good estimated viability
- B?** = Possibly good estimated viability
- BC** = Good or fair estimated viability
- BD** = Good, fair, or poor estimated viability
- C** = Fair estimated viability
- C?** = Possibly fair estimated viability
- CD** = Fair or poor estimated viability
- D** = Poor estimated viability
- D?** = Possibly poor estimated viability
- E** = Verified extant (viability not assessed)
- F** = Failed to find
- H** = Historical
- NR** = Not ranked, a placeholder when an EO is not (yet) ranked.
- U** = Unrankable
- X** = Extirpated

\*For additional detail on the above ranks see: <http://www.natureserve.org/explorer/eorankguide.htm>

FNAI also uses the following EO ranks:

- H?** = Possibly historical
- F?** = Possibly failed to find
- X?** = Possibly extirpated

The following offers further explanation of the H and X ranks as they are used by FNAI:

The rank of H is used when there is a lack of recent field information verifying the continued existence of an EO, such as (a) when an EO is based only on historical collections data; or (b) when an EO was ranked A, B, C, D, or E at one time and is later, without field survey work, considered to be possibly extirpated due to general habitat loss or degradation of the environment in the area. This definition of the H rank is dependent on an interpretation of what constitutes "recent" field information. Generally, if there is no known survey of an EO within the last 20 to 40 years, it should be assigned an H rank. While these time frames represent suggested maximum limits, the actual time period for historical EOs may vary according to the biology of the element and the specific landscape context of each occurrence (including anthropogenic alteration of the environment). Thus, an H rank may be assigned to an EO before the maximum time frames have lapsed. Occurrences that have not been surveyed for periods exceeding these time frames should not be ranked A, B, C, or D. The higher maximum limit for plants and communities (i.e., ranging from 20 to 40 years) is based upon the assumption that occurrences of these elements generally have the potential to persist at a given location for longer periods of time. This greater potential is a reflection of plant biology and community dynamics. However, landscape factors must also be considered. Thus, areas with more anthropogenic impacts on the environment (e.g., development) will be at the lower end of the range, and less-impacted areas will be at the higher end.

The rank of X is assigned to EOs for which there is documented destruction of habitat or environment, or persuasive evidence of eradication based on adequate survey (i.e., thorough or repeated survey efforts by one or more experienced observers at times and under conditions appropriate for the Element at that location).



# Clear Creek/Whiting Field

## Santa Rosa County

## Partnerships

### Purpose for State Acquisition

The proposed acquisition would aid in the establishment of conservation and regional protection through a land linkage of natural areas forming a significant corridor connection between state and private conservation lands. Conceptual management planning would benefit from a coordinated, bioregional consideration among all stakeholders and across management agents regarding this landscape. The project would provide open space in an urbanizing area. The project is close to the City of Milton. The project would also stabilize the land uses around the Whiting Field Naval Air Station so as to forestall encroachment that could be incompatible with the continued function of this military installation.

### Manager

The Office of Greenways and Trails (OGT) is willing to accept the management responsibility for the Clear Creek project, if acquired.

### General Description

The proposal lies 3 miles north of the Blackwater River Water Management Area (WMA), 12 miles east of the Lower Escambia River WMA, and 8 miles north of the Yellow River WMA. The project is contiguous to Whiting Field, the Naval Air Station used to train Navy pilots on both T-34 aircraft and helicopters. The majority of the proposal consists of upland pine forests, sandhills, mature and young pine plantations, recent clearcuts, and agricultural lands. The upland pine forests and sandhills are in various stages of selective harvest. Narrow bands of upland hardwood forest occur on the slopes of the two creeks. A small percentage (5 percent) of the site is considered to be within a Strategic Habitat Conservation Area.

### Public Use

Among the potential recreational uses are canoeing,

camping, hiking, biking, wildlife observation, nature photography, scientific research and environmental education. Hunting may also be accommodated in some areas. The site is particularly appropriate for developing an extension to the Blackwater River Heritage State Trail to expand the growing trails network in this region.

### Acquisition Planning

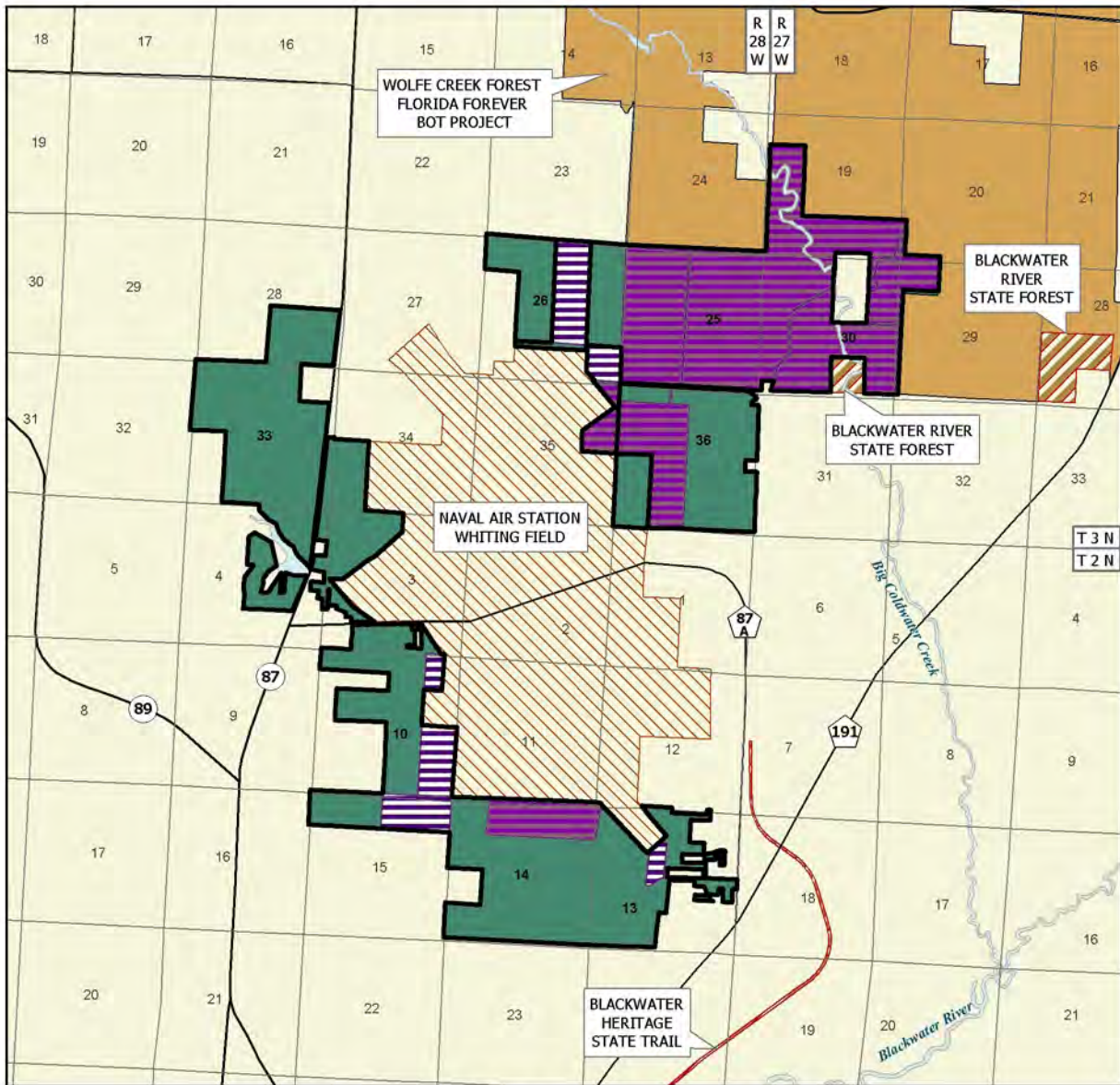
On June 4, 2004, the Acquisition & Restoration Council (ARC) added the Clear Creek/Whiting Field project to Group B of the Florida Forever (FF) 2004 Interim Priority list. This fee-simple acquisition, sponsored by the Nature Conservancy (TNC), consisted of approximately 5,026 acres, 45 landowners, and a taxable value of \$1,648,733

On December 9, 2005, the ARC approved a project design change to allow for acquisition phasing. Phase I was added to Group A, consisted of 7 landowners, approximately 2,029 acres, and a taxable value of \$665,593. The ownership acreage is as follows: International Paper Company (1,154), Phillips (121), Leonard (160), Florimor Inc (320), Blue Sky (120), Lowery (74) and Jernigan (80). Phase II remained in Group B, consists of 38 landowners, and approximately 2,996 acres with a taxable value of \$982,808. On June 9, 2006 ARC moved the Group B portion of this project to Group A. On December 12, 2008 the ARC voted to amend the boundary by adding Coldwater Creek Addition, consisting of two parcels totaling 265 acres owned by The Nature Conservancy, with a tax-assessed value of \$28,167. The acquisition is proposed fee-simple and the parcels were approved as essential. On 3/10/09 with the help of the U.S. Navy, 210.48 acres were purchased from TNC for \$1,158,258. On

Placed on List	2004
Project Area (Not GIS Acreage)	5,291
Acres Acquired	1,611*
at a Cost of	\$6,258,258*
Acres Remaining	3,680
with Estimated (Tax Assessed) Value of	\$1,166,228

\* Includes contribution by U.S. Navy, Dept. of Justice

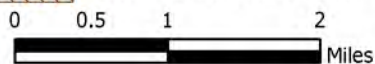
Clear Creek/Whiting Field FNAI Elements	
Florida Black Bear	G5T2/S2
<i>Harry-peduncled Beakseed</i>	G2/S2
<i>Panhandle Lily</i>	G2/S2
<i>Trailing Arbutus</i>	G5/S2
‡ rare species are associated with the project	



## CLEAR CREEK/WHITING FIELD

### **SANTA ROSA COUNTY**

- Florida Forever BOT Project Boundary
- Acquired for Conservation (Fee Simple)
- Santa Rosa County Owned Lands Within Project
- Essential Parcel(s) Remaining
- Other Florida Forever BOT Projects
- State Owned Lands
- Other Conservation Lands



OCTOBER 2011

9/30/09 1,401 acres were purchased from TNC by Florida Forever (\$2,625,000), DOF/Incidental Trust Fund (\$1,200,000) aka off-highway vehicle funds, and Department of Navy and Department of Justice (\$1,275,000).

### **Coordination**

Acquisition partners are U.S. Navy, Santa Rosa County, OGT, and Florida Division of Forestry (DOF). Development of the management plan will be conducted in coordination with the project partners (Whiting Field, the DOF and Santa Rosa County).

### **Management Policy Statement**

OGT proposes to manage the project in coordination with the DOF, Whiting Field and Santa Rosa County for: the protection of significant habitat for native species and endangered or threatened species; protection of water quality in wetlands and surface waters, notably Clear Creek and Coldwater Creek; the provision of interpretive and recreational activities consistent with resource protection, including development of a multi-use loop trail surrounding Whiting Field and connecting to the northern terminus of the existing Blackwater Heritage State Trail; and the protection of archaeological and historical sites. The acquisition will be managed consistent with the appropriate goals and objectives of FF, and the management of other projects that are part of the statewide system of greenways and trails.

### **Management Prospectus**

**Qualifications for state designation** The project will serve to protect a conservation landscape adjacent to a vital military training facility, Whiting Field. More than half of the project area lies within an identified Priority Ecological Greenway and a portion lies within a High Priority Segment of the Florida Recreational Trails Network Opportunities (the Blackwater Multi-Use Trail). Importantly, this project will help to enhance the resource and recreational values of the adjacent Blackwater River State Forest, Blackwater Heritage State Trail and State Designated Coldwater Creek Canoe Trail. Coldwater Creek and Clear Creek are also tributaries to the Blackwater River which ultimately flows into Blackwater Bay, an Outstanding Florida Water.

**Conditions affecting intensity of management** In general, the property does not appear to require an intensity of management beyond that typically associated with a managed greenway or trail project. However, the intensity of long-term management will

be contingent upon the ability to acquire as intact an area surrounding Whiting Field as possible. Areas with adjacent residential properties will require additional management considerations. The intensity of management will increase over time as recreational facilities and trails are developed and public usage increases. Other issues that will determine intensity of management also include: exotic plant removal in some locations, with particular attention to areas where endangered and threatened species exist, such as pitcher plant; water quality protection and enhancement, particularly related to Clear Creek; and protection of archaeological sites and historical structures.

**Timetable for implementing management** Following acquisition, issues to be addressed in the first year would include site security, posting boundaries and fencing, and conducting assessments/inventories to more fully determine resource management needs including exotic and invasive plant removal, water quality enhancement and protection, protection of archaeological sites and historic structures, and prescribed burn needs. Intermediate and long-term management will address the broader issue of managing this area for resource protection and recreational opportunities as described in the "General Scope of Management" above. Development of the management plan will be conducted in coordination with the project partners (Whiting Field, DOF, Santa Rosa County).

**Revenue generating potential** No significant revenue is expected to be generated initially. However, as public use is increased, modest revenue may be generated for camping and use of other recreational facilities. Some areas may be managed by the DOF for timber production.

**Manager** The Florida Department of Environmental Protection, OGT will manage this property in partnership with Whiting Field, the Florida DOF and Santa Rosa County.

**General scope of management** The Clear Creek/Whiting Field project will be managed to protect its environmental and natural resource values; conserve and protect significant habitat; draw upon its natural characteristics to provide appropriate recreational opportunities; protect significant archaeological and historical sites; and enhance other adjacent managed lands, such as Whiting Field and the Blackwater River State Forest.

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# **APPENDIX C**

## **Outstanding Florida Waters (OFW)**

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# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard, Jr.  
Secretary

May 31, 2011

Robin Turner  
Regional Coordinator  
Office of Greenways and Trails  
Florida Department of Environmental Protection  
3900 Commonwealth Blvd., MS 795  
Tallahassee, FL 32399-3000

RE: Land Management Plan for Blackwater Heritage State Trail

Dear Robin:

Thank you for your inquiry regarding the surface water quality classifications on and near the Blackwater Heritage State Trail in Santa Rosa County. The Trail appears to cross part of the floodplain of the Blackwater River northeast of the City of Milton. The Blackwater River has been designated as Outstanding Florida Waters (rule 62-302.700(9)(i)3., Florida Administrative Code (FAC)). Any surface waters on the site are classified as Class III waters (rule 62-302.400(16)(b)57., FAC), which is the statewide default classification.

If you have any questions or need additional information, please feel free to contact me at the letterhead address (mail station 6511), by phone at 850/245-8429, or via E-mail at [Eric.Shaw@dep.state.fl.us](mailto:Eric.Shaw@dep.state.fl.us).

Sincerely,

A handwritten signature in black ink that reads 'Eric R. Shaw'.

Eric R. Shaw  
Environmental Manager  
Standards and Assessments Section

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# **APPENDIX D**

**National Climatic Data Center (NCDC) Report**

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# Climatology of the United States

## No. 20

### 1971-2000

**Station: MILTON EXPERIMENT STN, FL**

**COOP ID: 085793**

**Climate Division: FL 1**

**NWS Call Sign:**

**Elevation: 217 Feet**

**Lat: 30°47N**

**Lon: 87°08W**

### Temperature (°F)

Mean (1)				Extremes										Degree Days (1) Base Temp 65		Mean Number of Days (3)					
Month	Daily Max	Daily Min	Mean	Highest Daily(2)	Year	Day	Highest Month(1) Mean	Year	Lowest Daily(2)	Year	Day	Lowest Month(1) Mean	Year	Heating	Cooling	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
Jan	60.6	38.5	49.6	84	1949	12	62.4	1974	3	1985	21	40.1	1977	497	5	.0	.0	26.2	.2	10.3	.0
Feb	64.5	41.0	52.8	84	1962	13	58.8	1975	11	1951	3	43.9	1978	348	6	.0	.0	25.9	.1	6.3	.0
Mar	71.2	47.7	59.5	88	1982	19	65.7	1997	20+	1996	10	54.0	1983	200	29	.0	.0	30.6	.0	1.6	.0
Apr	77.9	53.6	65.8	94+	1999	25	71.0	1999	30	1987	1	60.8	1983	67	88	.0	.4	29.9	.0	.2	.0
May	84.9	61.8	73.4	99+	1998	21	76.9	2000	39	1971	4	69.8	1976	4	263	.0	6.3	31.0	.0	.0	.0
Jun	90.1	68.6	79.4	103	1954	29	83.3	1998	50+	1984	1	77.1	1997	0	429	.2	18.2	30.0	.0	.0	.0
Jul	91.6	71.1	81.4	104	1952	24	84.1	2000	55+	1967	16	79.2	1984	0	507	.6	22.7	31.0	.0	.0	.0
Aug	91.5	70.6	81.1	102+	1954	28	85.0	1999	57	1992	30	79.1	1992	0	497	.4	23.5	31.0	.0	.0	.0
Sep	88.2	66.3	77.3	102	1997	22	81.1	1980	37	1967	30	74.0	1983	0	367	.1	14.4	30.0	.0	.0	.0
Oct	80.3	54.4	67.4	98+	1954	6	71.9	1984	28+	1954	31	60.3	1987	62	135	.0	1.9	31.0	.0	.1	.0
Nov	70.8	46.7	58.8	88+	2000	1	65.1	1985	19+	1970	25	50.9	1976	223	34	.0	.0	29.6	.0	2.6	.0
Dec	63.0	40.7	51.9	82+	1998	9	60.6	1971	8+	1989	24	43.6	1989	422	14	.0	.0	27.9	.1	7.9	.0
Ann	77.9	55.1	66.5	104	Jul 1952	24	85.0	Aug 1999	3	Jan 1985	21	40.1	Jan 1977	1823	2374	1.3	87.4	354.1	.4	29.0	.0

+ Also occurred on an earlier date(s)

@ Denotes mean number of days greater than 0 but less than .05

Complete documentation available from: [www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

Issue Date: February 2004

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1948-2001

(3) Derived from 1971-2000 serially complete daily data

049-A

# Climatology of the United States

## No. 20 1971-2000

**Station: MILTON EXPERIMENT STN, FL**

**COOP ID: 085793**

**Climate Division: FL 1**

**NWS Call Sign:**

**Elevation: 217 Feet**

**Lat: 30°47N**

**Lon: 87°08W**

### Precipitation (inches)

		Precipitation Totals								Mean Number of Days (3)				Precipitation Probabilities (1)											
														Probability that the monthly/annual precipitation will be equal to or less than the indicated amount											
Means/Medians(1)		Extremes							Daily Precipitation				Monthly/Annual Precipitation vs Probability Levels												
													These values were determined from the incomplete gamma distribution												
Month	Mean	Median	Highest Daily(2)	Year	Day	Highest Monthly(1)	Year	Lowest Monthly(1)	Year	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	
Jan	6.39	5.85	8.78	1978	25	16.06	1991	.66	1989	11.1	7.6	4.3	2.2	1.68	2.28	3.21	4.02	4.82	5.67	6.60	7.72	9.16	11.45	13.58	
Feb	5.04	4.86	4.22	1955	6	9.74	1985	1.45	1999	9.1	6.4	3.4	1.7	1.41	1.89	2.61	3.24	3.86	4.51	5.22	6.07	7.16	8.88	10.48	
Mar	7.32	6.54	8.00	1990	16	17.73	1990	3.82	1974	10.2	7.3	4.2	2.3	3.32	3.97	4.86	5.59	6.27	6.95	7.68	8.52	9.57	11.16	12.60	
Apr	4.35	3.86	6.22	1994	13	9.09	1983	.51	1987	7.6	5.0	2.8	1.4	.93	1.33	1.97	2.55	3.13	3.75	4.45	5.29	6.40	8.17	9.84	
May	4.83	4.19	7.40	1995	10	11.80	1991	.15	2000	8.9	6.0	2.9	1.4	.67	1.06	1.76	2.43	3.13	3.90	4.80	5.90	7.38	9.80	12.14	
Jun	7.11	6.11	12.08	1970	3	23.96	1989	.97	1998	10.8	8.1	4.4	2.0	1.62	2.28	3.32	4.26	5.19	6.18	7.30	8.63	10.37	13.15	15.77	
Jul	8.17	8.04	8.74	1975	31	23.32	1975	2.74	1972	14.9	11.3	5.8	2.3	2.82	3.59	4.71	5.66	6.57	7.51	8.53	9.72	11.25	13.61	15.78	
Aug	6.62	6.53	7.40	1995	4	11.39	1984	3.00	1989	13.3	9.6	4.3	2.2	2.90	3.50	4.32	5.00	5.63	6.26	6.95	7.73	8.72	10.22	11.57	
Sep	6.12	5.11	12.00	1998	26	21.73	1998	1.33+	1999	9.9	6.6	3.4	1.8	1.29	1.85	2.75	3.56	4.38	5.26	6.25	7.44	9.00	11.51	13.88	
Oct	3.66	3.15	10.00	1995	4	16.85	1995	.00	1978	5.9	3.7	1.9	.9	.13	.41	.92	1.45	2.04	2.70	3.49	4.49	5.86	8.17	10.43	
Nov	5.47	5.11	4.01	2000	25	10.85	1989	1.54	1990	9.1	6.1	3.7	1.9	1.73	2.25	3.02	3.67	4.31	4.97	5.69	6.54	7.63	9.33	10.90	
Dec	4.40	4.02	4.62	1983	11	10.09	1972	.68	1980	9.7	6.0	2.9	1.4	1.40	1.82	2.44	2.97	3.48	4.00	4.58	5.26	6.13	7.48	8.74	
Ann	69.48	69.52	12.08	Jun 1970	3	23.96	Jun 1989	.00	Oct 1978	120.5	83.7	44.0	21.5	48.98	52.93	58.01	61.87	65.30	68.62	72.05	75.84	80.45	87.14	92.92	

+ Also occurred on an earlier date(s)

# Denotes amounts of a trace

@ Denotes mean number of days greater than 0 but less than .05

\*\* Statistics not computed because less than six years out of thirty had measurable precipitation

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1948-2001

(3) Derived from 1971-2000 serially complete daily data

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

## Notes

- a. The monthly means are simple arithmetic averages computed by summing the monthly values for the period 1971-2000 and dividing by thirty. Prior to averaging, the data are adjusted if necessary to compensate for data quality issues, station moves or changes in station reporting practices. Missing months are replaced by estimates based on neighboring stations.
- b. The median is defined as the middle value in an ordered set of values. The median is being provided for the snow and precipitation elements because the mean can be a misleading value for precipitation normals.
- c. Only observed validated values were used to select the extreme daily values.
- d. Extreme monthly temperature/precipitation means were selected from the monthly normals data.  
Monthly snow extremes were calculated from daily values quality controlled to be consistent with the Snow Climatology.
- e. Degree Days were derived using the same techniques as the 1971-2000 normals.  
Complete documentation for the 1971-2000 Normals is available on the internet from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)
- f. Mean "number of days statistics" for temperature and precipitation were calculated from a serially complete daily data set.  
Documentation of the serially complete data set is available from the link below:
- g. Snowfall and snow depth statistics were derived from the Snow Climatology.  
Documentation for the Snow Climatology project is available from the link under references.

## Data Sources for Tables

Several different data sources were used to create the Clim20 climate summaries. In some cases the daily extremes appear inconsistent with the monthly extremes and or the mean number of days statistics. For example, a high daily extreme value may not be reflected in the highest monthly value or the mean number of days threshold that is less than and equal to the extreme value. Some of these difference are caused by different periods of record. Daily extremes are derived from the station's entire period of record while the serial data and normals data were are for the 1971-2000 period. Therefore extremes observed before 1971 would not be included in the 1971-2000 normals or the 1971-2000 serial daily data set. Inconsistencies can also occur when monthly values are adjusted to reflect the current observing conditions or were replaced during the 1971-2000 Monthly Normals processing and are not reconciled with the Summary of the Day data.

- |   |   |
|---|---|
| <ol style="list-style-type: none"><li>a. Temperature/ Precipitation Tables<ol style="list-style-type: none"><li>1. 1971-2000 Monthly Normals</li><li>2. Cooperative Summary of the Day</li><li>3. National Weather Service station records</li><li>4. 1971-2000 serially complete daily data</li></ol></li><li>b. Degree Day Table<ol style="list-style-type: none"><li>1. Monthly and Annual Heating and Cooling Degree Days Normals to Selected Bases derived from 1971-2000 Monthly Normals</li><li>2. Daily Normal Growing Degree Units to Selected Base Temperatures derived from 1971-2000 serially complete daily data</li></ol></li></ol> | <ol style="list-style-type: none"><li>c. Snow Tables<ol style="list-style-type: none"><li>1. Snow Climatology</li><li>2. Cooperative Summary of the Day</li></ol></li><li>d. Freeze Data Table<br/>1971-2000 serially complete daily data</li></ol> |
|---|---|

## References

- U.S. Climate Normals 1971-2000, [www.ncdc.noaa.gov/normal.html](http://www.ncdc.noaa.gov/normal.html)  
U.S. Climate Normals 1971-2000-Products Clim20, [www.ncdc.noaa.gov/oa/climate/normal/usnormalsprods.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormalsprods.html)  
Snow Climatology Project Description, [www.ncdc.noaa.gov/oa/climate/monitoring/snowlim/mainpage.html](http://www.ncdc.noaa.gov/oa/climate/monitoring/snowlim/mainpage.html)  
Eischeid, J. K., P. Pasteris, H. F. Diaz, M. Plantico, and N. Lott, 2000: Creating a serially complete, national daily time series of temperature and precipitation for the Western United States. J. Appl. Meteorol., 39, 1580-1591,  
[www1.ncdc.noaa.gov/pub/data/special/serialcomplete\\_jam\\_0900.pdf](http://www1.ncdc.noaa.gov/pub/data/special/serialcomplete_jam_0900.pdf)

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# **APPENDIX E**

## **Florida Fish and Wildlife Conservation Commission (FWC) Reports**

**June 7, 2011**

**July 11, 2011**

**March 14, 2013**

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June 7, 2011

Ms. Robin Turner  
Office of Greenways and Trails  
3900 Commonwealth Blvd.  
Tallahassee, Florida 32399-3000

Dear Ms. Turner:

This letter is in response to your request for listed species occurrence records and critical habitats for your project (Blackwater State Trail) located in Santa Rosa County, Florida. Records from The Florida Fish and Wildlife Conservation Commission's database indicate that listed species occurrence data are located within the project area. Enclosed are 8.5 x 11 maps showing listed species locations, SHCA's Cooper's hawk and Swallow-tailed kite, prioritized SHCA's, species richness, priority wetlands for listed species, and land cover for the project area.

This letter and attachments should not be considered as a review or an assessment of the impact upon threatened or endangered species of the project site. It provides FWC's most current data regarding the location of listed species and their associated habitats.

Our fish and wildlife location data represents only those occurrences recorded by FWC staff and other affiliated researchers. It is important to understand that our database does not necessarily contain records of all listed species that may occur in a given area. Also, data on certain species, such as gopher tortoises, are not entered into our database on a site-specific basis. **Therefore, one should not assume that an absence of occurrences in our database indicates that species of significance do not occur in the area.**

The Florida Natural Areas Inventory (FNAI) maintains a separate database of listed plant and wildlife species, please contact FNAI directly for specific information on the location of element occurrences within the project area. Because FNAI is funded to provide information to public agencies only, you may be required to pay a fee for this information. County-wide listed species information can be located at their website (<http://www.fnai.org>).

Please credit the Florida Fish and Wildlife Conservation Commission in any publication or presentation of these data. If you have any questions or further requests, please contact me at (850) 488-0588 or [gisrequests@myfwc.com](mailto:gisrequests@myfwc.com).

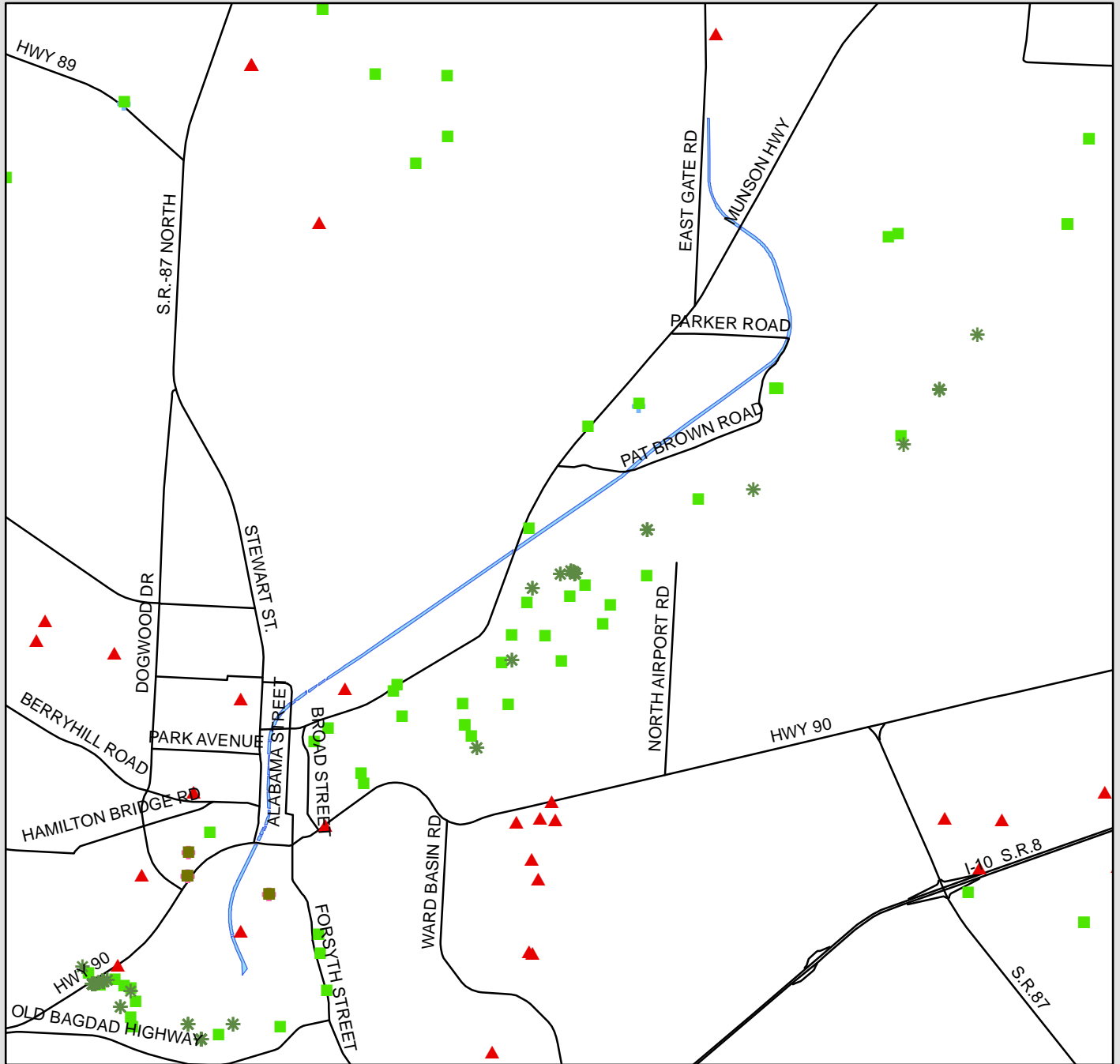
Sincerely,



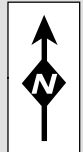
Jan Stearns  
Staff Assistant

js  
2011\_5707  
Enclosures

# Species Occurrence Blackwater State Trail



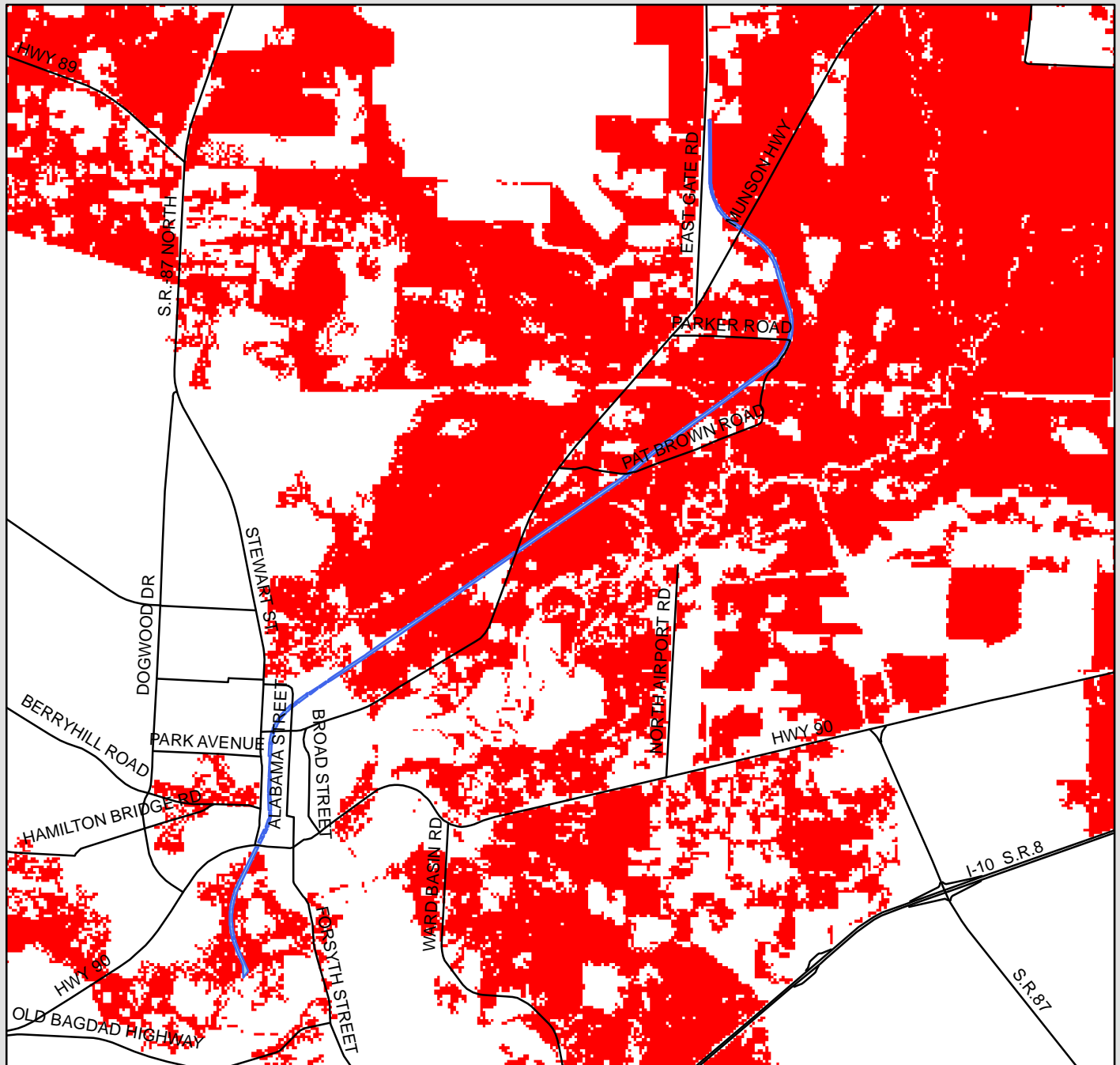
- \* Rare and Imperiled Fish
- Shore Birds Nests 2002
- ▲ Bear Calls 1980-2009
- Florida Natural Inventory Areas
- ✦ Listed Species Wildlife Observations
- ✦ Wildlife Observations
- County Boundary
- ▬ Blackwater State Trail






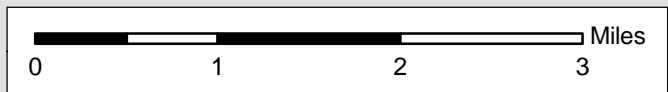
2011\_5707

# Strategic Habitat Conservation Areas

## Blackwater State Trail



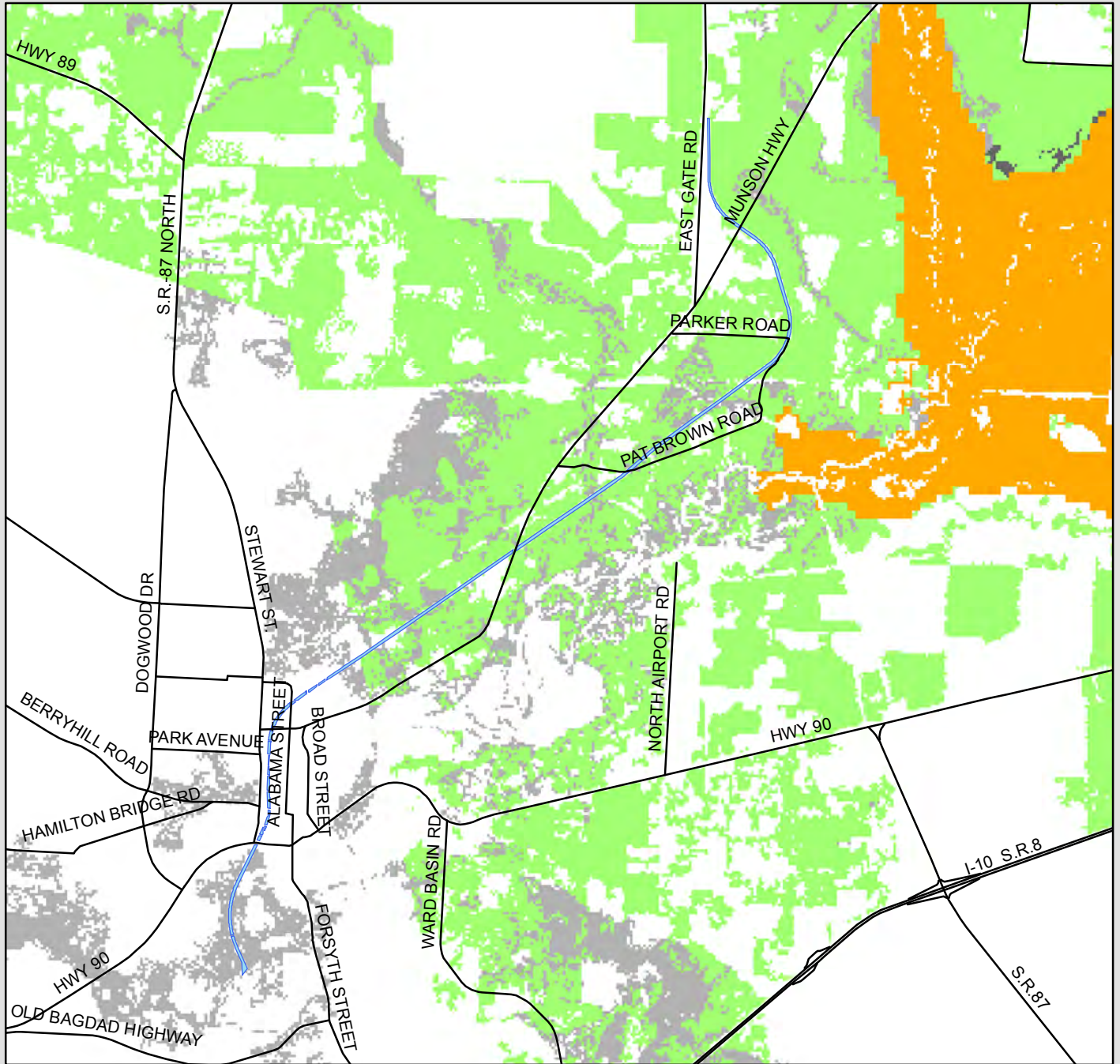
-  Strategic Habitat Conservation Areas
-  County Boundary
-  Blackwater State Trail



2011\_5707

# Prioritized SHCA's

## Blackwater State Trail



Prioritized SHCA's	County Boundary
Priority 1	Project Site
Priority 2	
Priority 3	
Priority 4	
Priority 5	

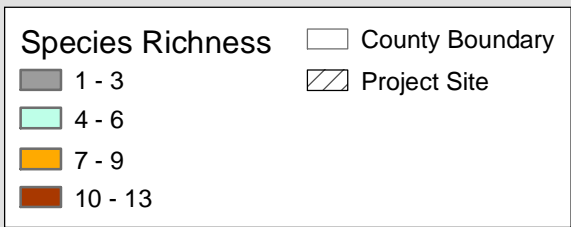
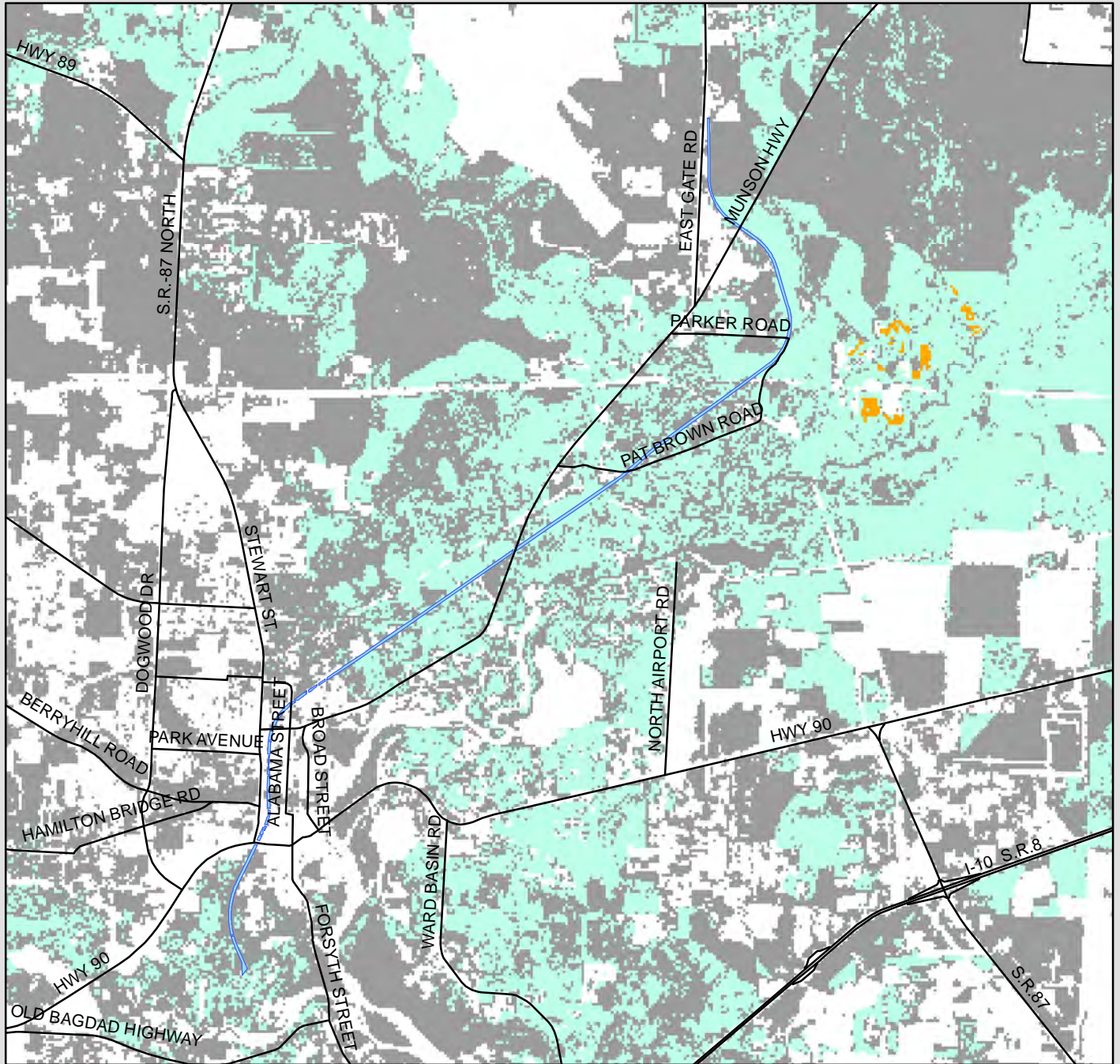


The prioritized SHCA map identifies 5 classes of SHCA based upon Heritage ranking criteria developed by The Nature Conservancy, the Natural Heritage Program Network, and the Florida Natural Areas Inventory. There are 2 possible ranks used to prioritize a species' SHCA: 1) the global rank based on a species worldwide status, and 2) the state rank based upon the species status in Florida. The state and global ranks are based upon many factors such as known occurrence locations, estimated abundance, range, amount of habitat currently protected, perceived levels of threats towards the species, and ecological fragility.

2011\_5707

# Species Richness

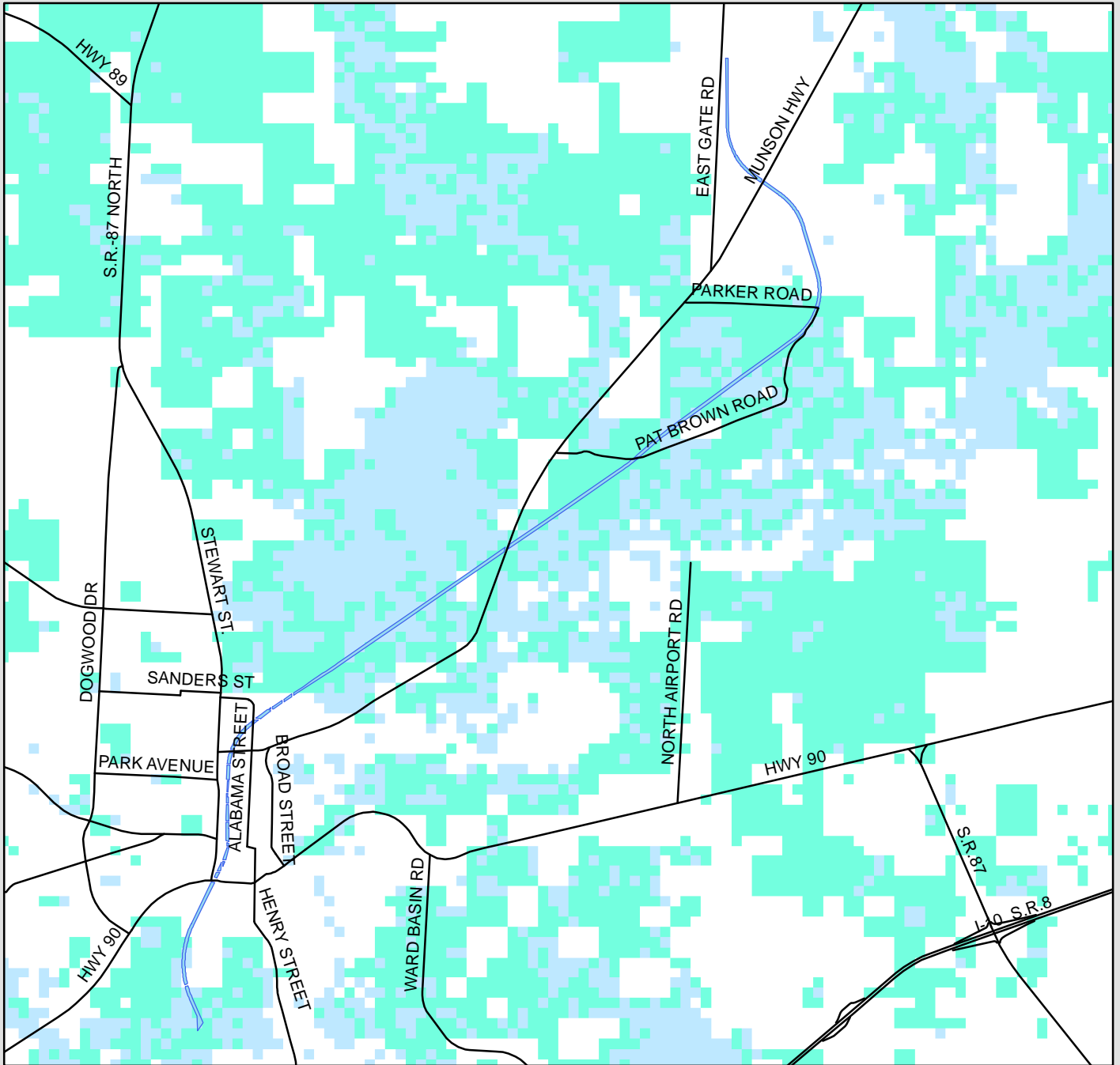
## Blackwater State Trail



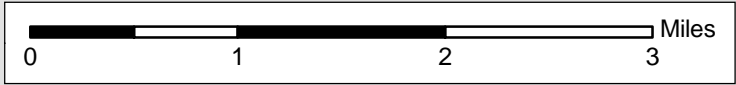
2011\_5707

# Priority Wetlands

## Blackwater State Trail



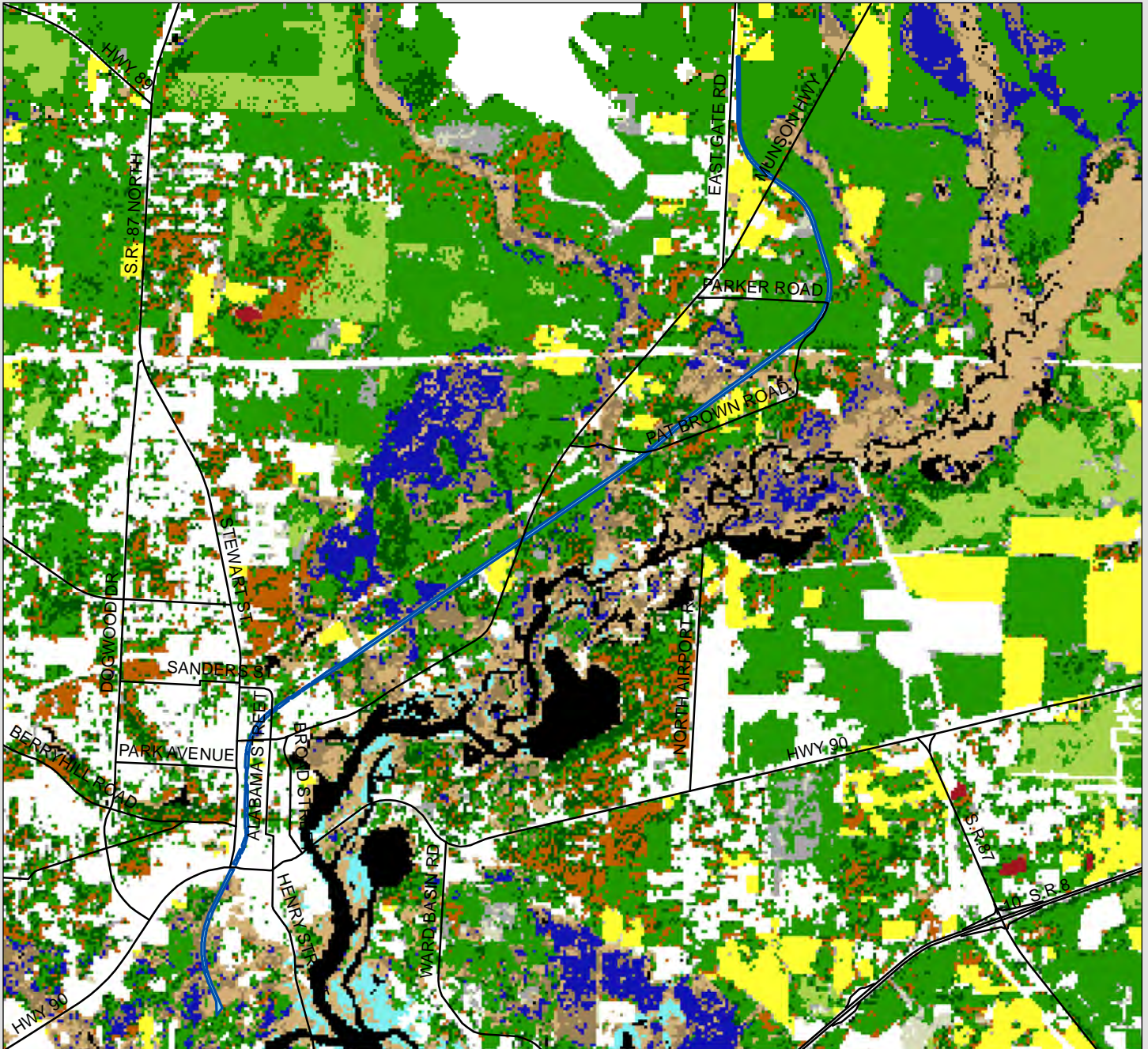
Priority Wetlands	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span> 1-3 species, upland habitat	<span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; background-color: white;"></span> County Boundary
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ADD8E6; border: 1px solid black;"></span> 1-3 species, wetland habitat	<span style="display: inline-block; width: 15px; height: 10px; background-color: #4169E1; border: 1px solid black;"></span> Blackwater State Trail
<span style="display: inline-block; width: 15px; height: 10px; background-color: #008000; border: 1px solid black;"></span> 4-6 species, upland habitat	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #00BFFF; border: 1px solid black;"></span> 4-6 species, wetland habitat	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #00008B; border: 1px solid black;"></span> 7-9 species, wetland habitat	



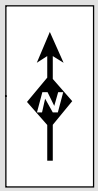
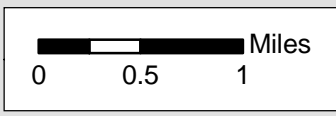
2011\_5707

# Florida Land Cover - 2003

## Blackwater State Trail



- |                                  |                            |                           |
|----------------------------------|----------------------------|---------------------------|
| Project Site                     | Major Roads                | County Boundary           |
| Coastal Strand                   | Cattail Marsh              | Tidal Flat                |
| Sand/Beach                       | Shrub Swamp                | Open Water                |
| Xeric Oak Scrub                  | Bay Swamp                  | Shrub and Brushland       |
| Sand Pine Scrub                  | Cypress Swamp              | Grassland                 |
| Sandhill                         | Cypress/Pine/Cabbage Palm  | Bare Soil/Clearcut        |
| Dry Prairie                      | Mixed Wetland Forest       | Improved Pasture          |
| Mixed Pine-Hardwood Forest       | Hardwood Swamp             | Unimproved Pasture        |
| Hardwood Hammocks and Forest     | Hydric Hammock             | Other Agriculture         |
| Pinelands                        | Bottomland Hardwood Forest | Citrus                    |
| Cabbage Palm-Live Oak Hammock    | Salt Marsh                 | Exotic Plants             |
| Tropical Hardwood Hammock        | Mangrove Swamp             | High and Low Impact Urban |
| Freshwater Marsh and Wet Prairie | Scrub Mangrove             | Extractive                |
| Sawgrass Marsh                   |                            |                           |



2011\_5707

July 11, 2011

Robin Turner,  
Regional Coordinator  
Office of Greenways and Trails  
Department of Environmental Protection  
Tallahassee, FL 32399

Dear Ms. Turner:

This letter is in response to your request for listed species occurrence records for your project (Blackwater Heritage State Trail Revision), located in Santa Rosa County, Florida. No records of listed species occurrence or critical habitats from the Florida Fish and Wildlife Conservation Commission database were located within the project area. Enclosed are 8.5 x 11 maps showing listed species locations, SHCA's Cooper's hawk and the swallowed-tailed kite, prioritized SHCA's, species richness, priority wetlands for listed species, and land cover for the project area.

This letter and/or attachments should not be considered as a review or an assessment of the impact upon threatened or endangered species of the project site. It provides FWC's most current data regarding the location of listed species and their associated habitats.

Our fish and wildlife location data represents only those occurrences recorded by FWC staff and other affiliated researchers. Please note that our database does not necessarily contain records of all listed species that may occur in a given area. Also, data on certain species, such as gopher tortoises, are not entered into our database on a site-specific basis. **Therefore, one should not assume that an absence of occurrences in our database indicates that species of significance do not occur in the area.**

The Florida Natural Areas Inventory (FNAI) maintains a separate database of listed plant and wildlife species, please contact FNAI directly for specific information on the location of element occurrences within the project area. Because FNAI is funded to provide information to public agencies only, you may be required to pay a fee for this information. County-wide listed species information can be located at their website (<http://www.fnai.org>).

Fish and Wildlife Research  
Institute  
Information Science and  
Management  
(850) 488-0588  
1850 110 5725

Please credit the Florida Fish and Wildlife Conservation Commission in any publication or presentation of these data. If you have any questions or further requests, please contact me at (850) 488-0588 or [gisrequests@myfwc.com](mailto:gisrequests@myfwc.com).

Sincerely,



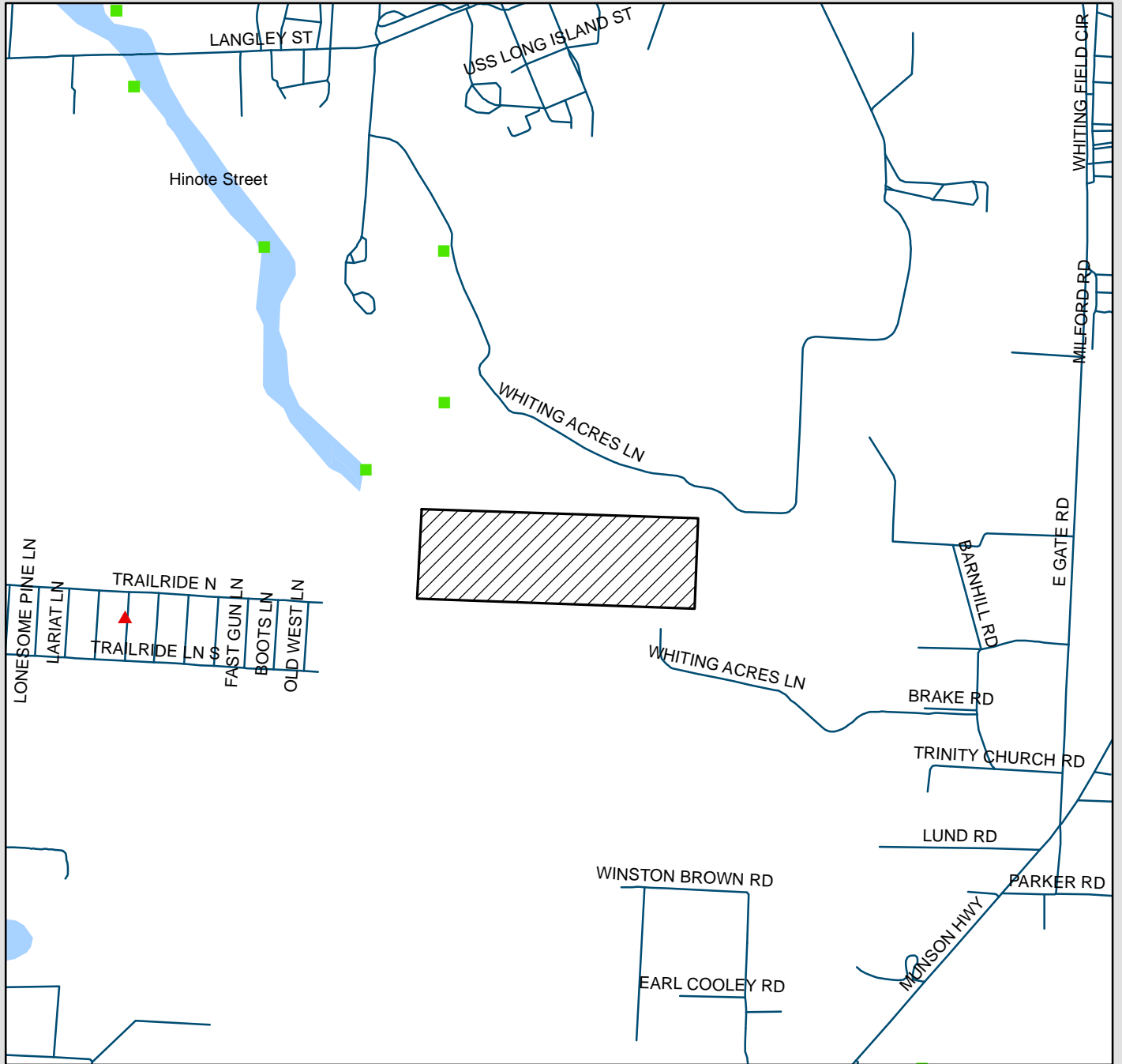
Jan Stearns  
Staff Assistant

js  
2011\_5725  
Enclosures

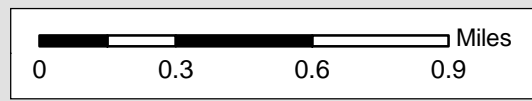


# Species Occurrence

## Blackwater Heritage State Trail Revision



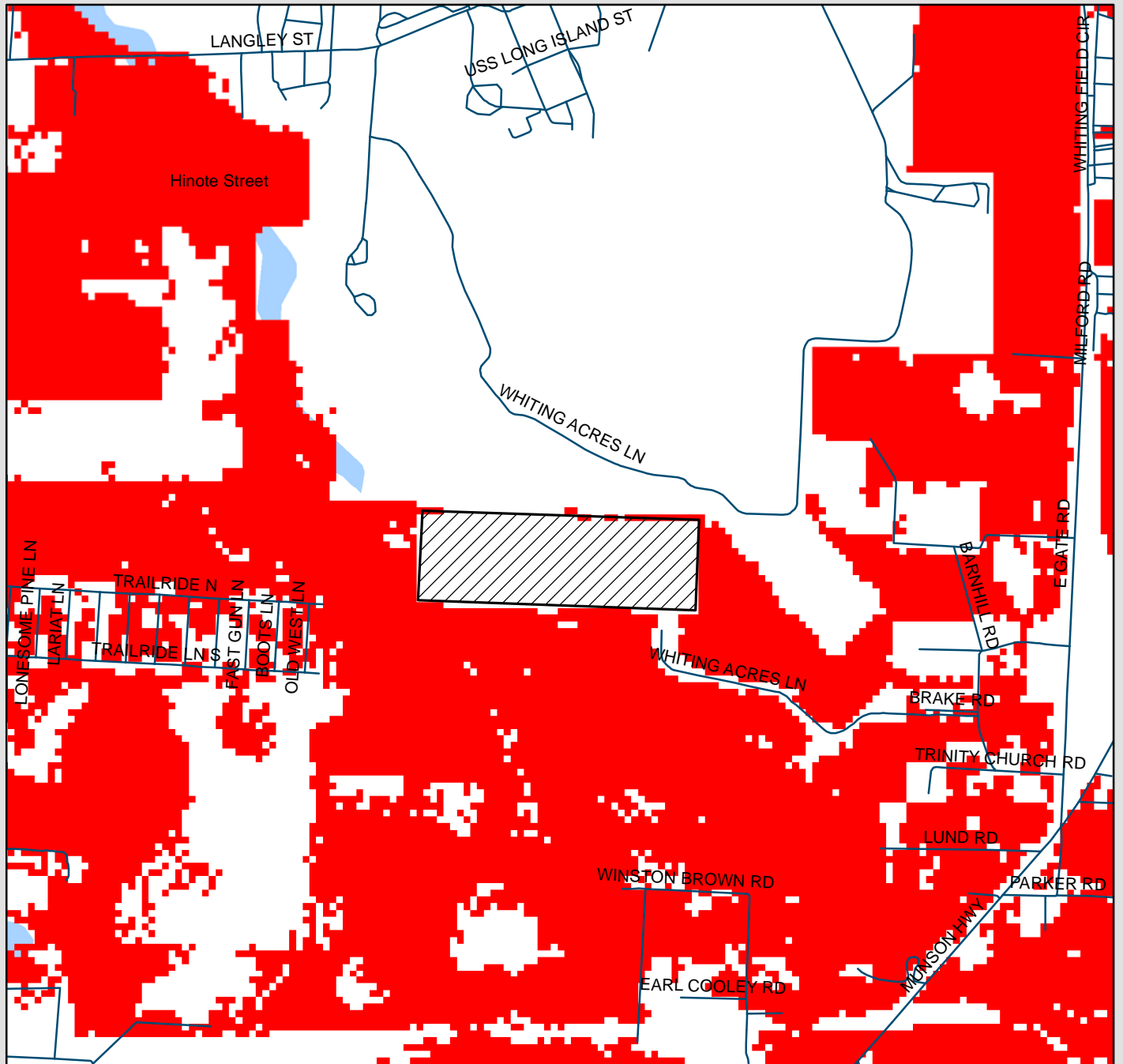
- ▲ Bear Calls 1980-2009
- Florida Natural Inventory Areas
- County Boundary
- ▨ Project Site



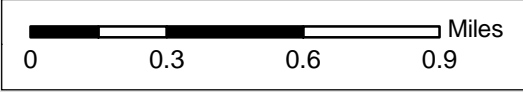
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# Strategic Habitat Conservation Areas

## Blackwater Heritage State Trail Revision



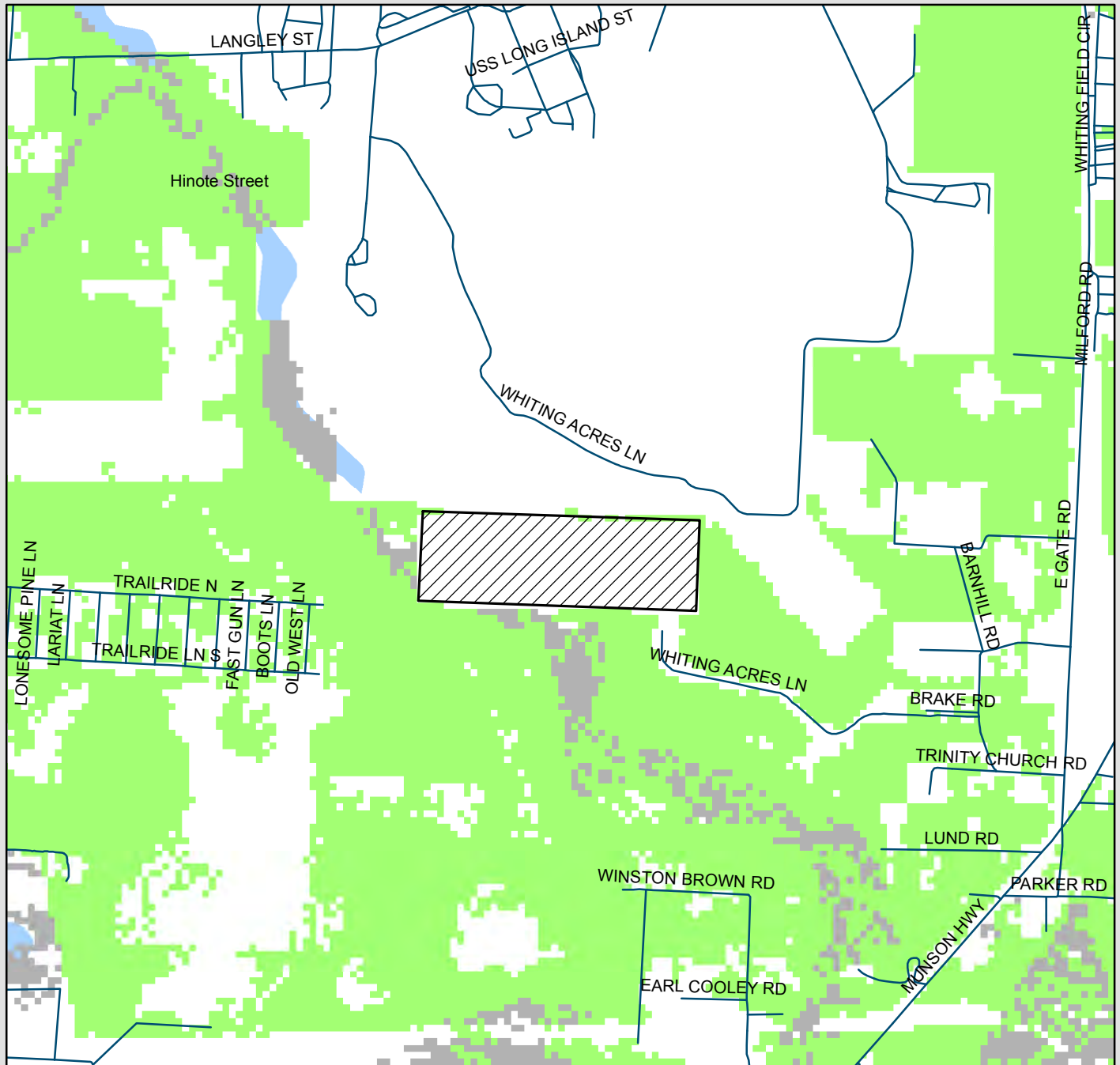
- Strategic Habitat Conservation Areas
- County Boundary
- Project Site



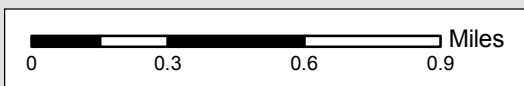
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# Prioritized SHCA's

## Blackwater Heritage State Trail Revision



Prioritized SHCA's	County Boundary
Priority 1	Project Site
Priority 2	
Priority 3	
Priority 4	
Priority 5	

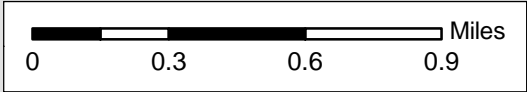
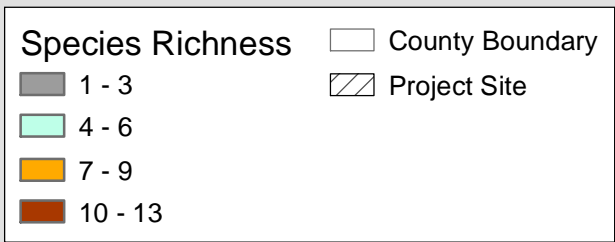
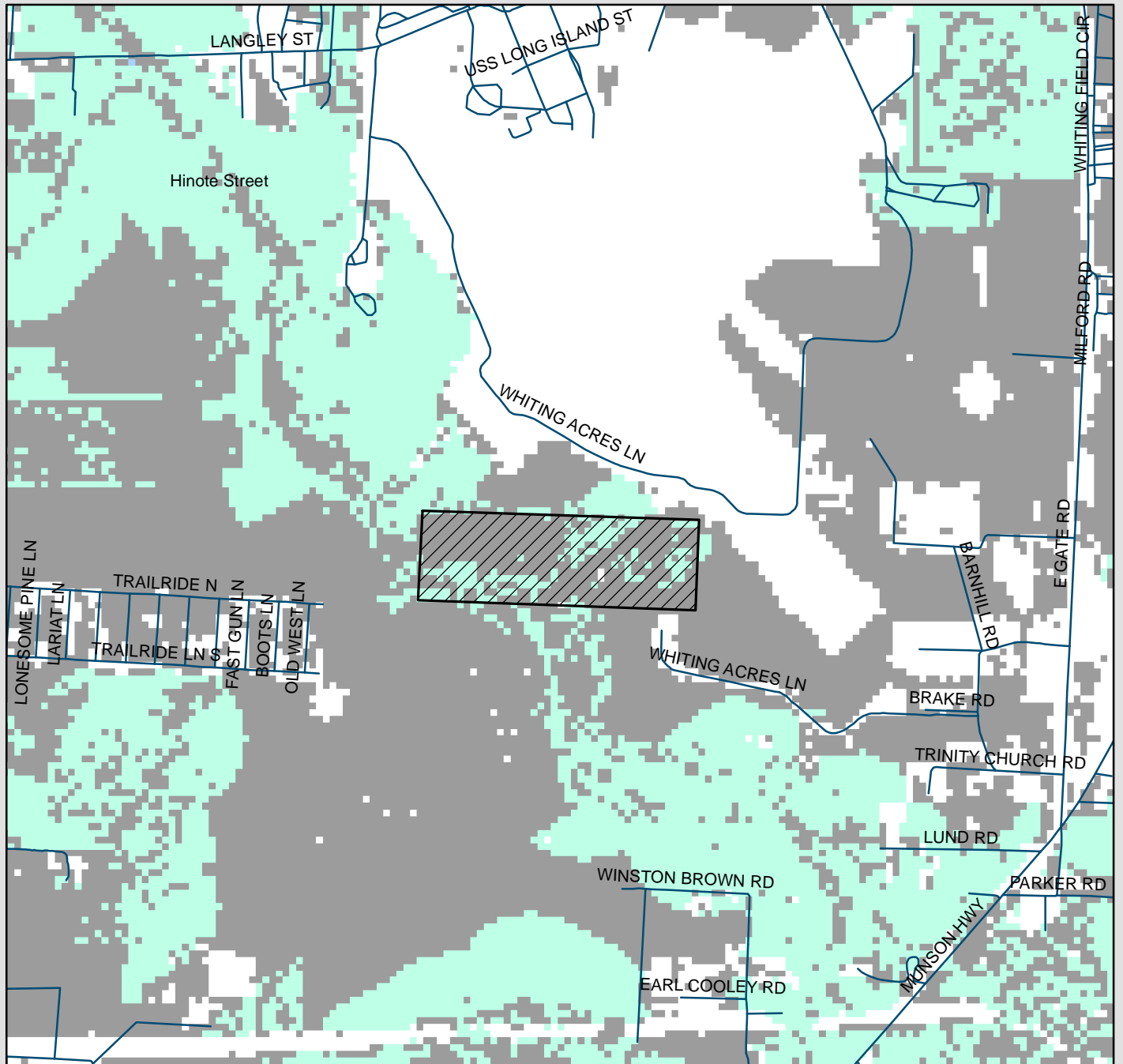


The prioritized SHCA map identifies 5 classes of SHCA based upon Heritage ranking criteria developed by The Nature Conservancy, the Natural Heritage Program Network, and the Florida Natural Areas Inventory. There are 2 possible ranks used to prioritize a species' SHCA: 1) the global rank based on a species worldwide status, and 2) the state rank based upon the species status in Florida. The state and global ranks are based upon many factors such as known occurrence locations, estimated abundance, range, amount of habitat currently protected, perceived levels of threats towards the species, and ecological fragility.

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# Species Richness

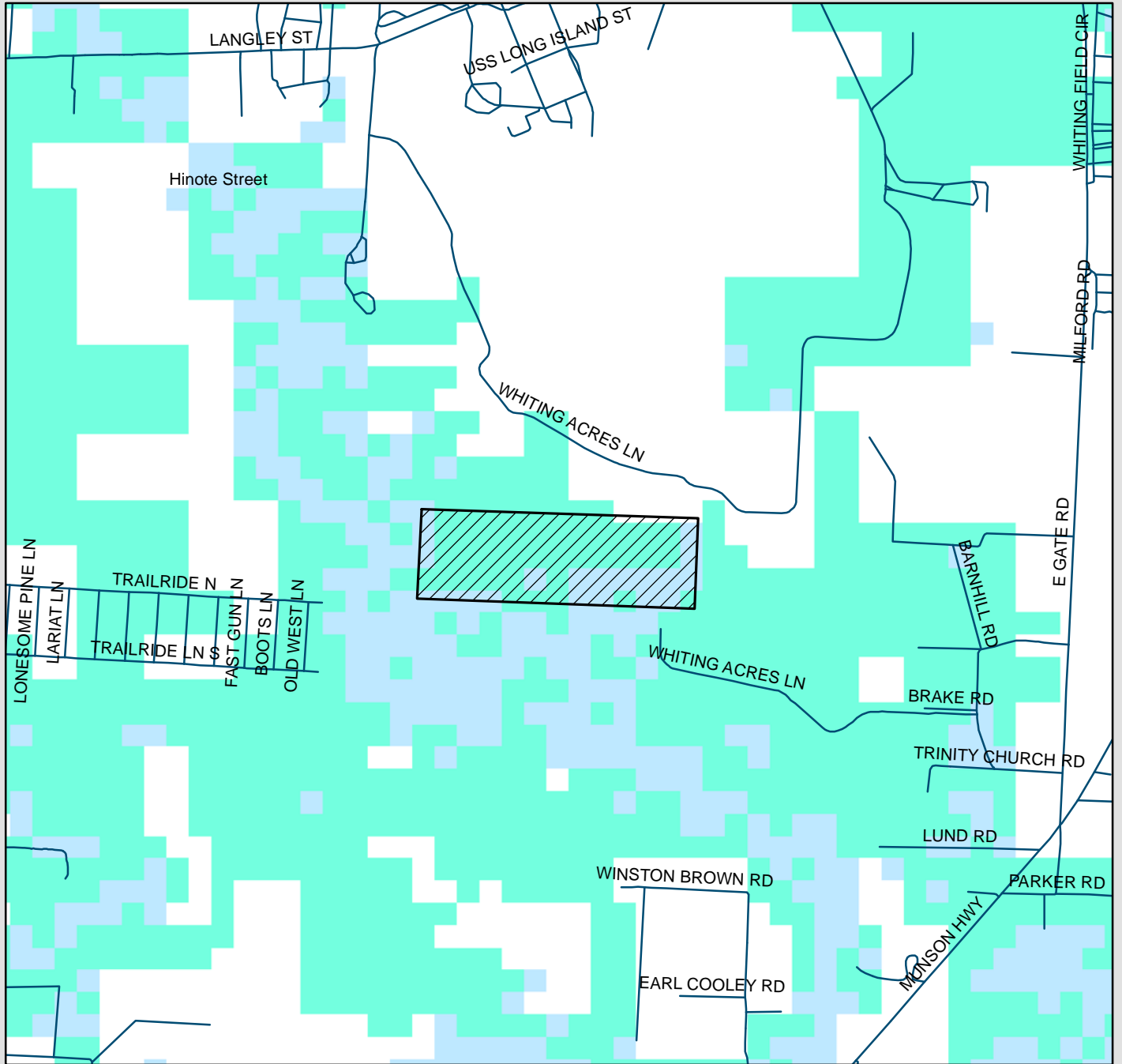
## Blackwater Heritage State Trail Revision



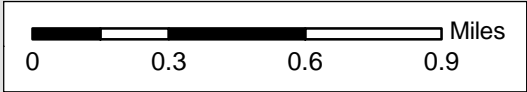
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# Priority Wetlands

## Blackwater Heritage State Trail Revision



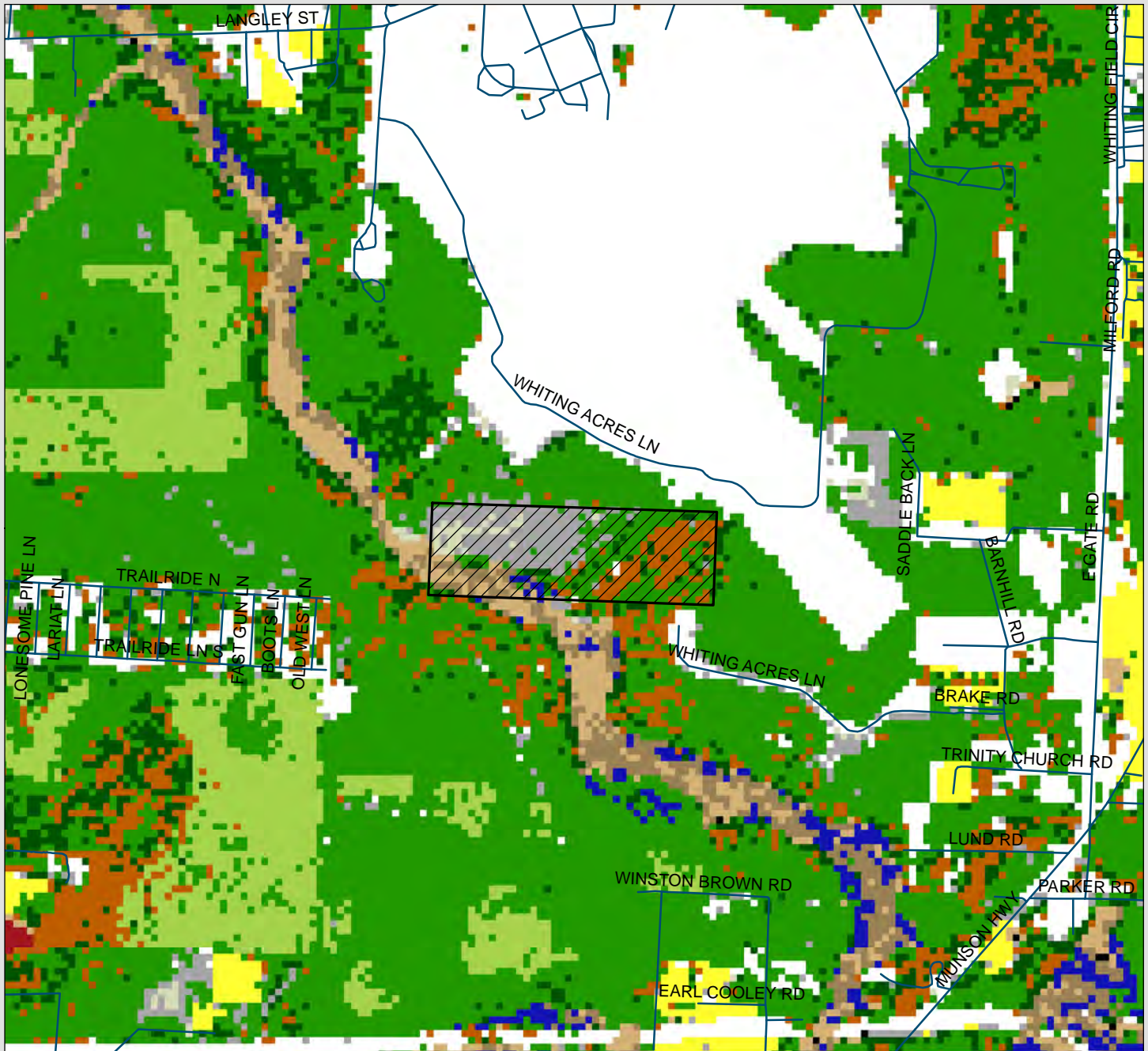
Priority Wetlands	
<span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; border: 1px solid black;"></span>	1-3 species, upland habitat
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ADD8E6; border: 1px solid black;"></span>	1-3 species, wetland habitat
<span style="display: inline-block; width: 15px; height: 10px; background-color: #008000; border: 1px solid black;"></span>	4-6 species, upland habitat
<span style="display: inline-block; width: 15px; height: 10px; background-color: #00BFFF; border: 1px solid black;"></span>	4-6 species, wetland habitat
<span style="display: inline-block; width: 15px; height: 10px; background-color: #00008B; border: 1px solid black;"></span>	7-9 species, wetland habitat
<span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></span>	Project Site
<span style="display: inline-block; width: 15px; height: 10px; border: 1px solid black;"></span>	County Boundary



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# Florida Land Cover - 2003

## Blackwater Heritage State Trail Revision



<ul style="list-style-type: none"> <li> Project Site</li> <li> Coastal Strand</li> <li> Sand/Beach</li> <li> Xeric Oak Scrub</li> <li> Sand Pine Scrub</li> <li> Sandhill</li> <li> Dry Prairie</li> <li> Mixed Pine-Hardwood Forest</li> <li> Hardwood Hammocks and Forest</li> <li> Pinelands</li> <li> Cabbage Palm-Live Oak Hammock</li> <li> Tropical Hardwood Hammock</li> <li> Freshwater Marsh and Wet Prairie</li> <li> Sawgrass Marsh</li> </ul>	<ul style="list-style-type: none"> <li> Major Roads</li> <li> Cattail Marsh</li> <li> Shrub Swamp</li> <li> Bay Swamp</li> <li> Cypress Swamp</li> <li> Cypress/Pine/Cabbage Palm</li> <li> Mixed Wetland Forest</li> <li> Hardwood Swamp</li> <li> Hydric Hammock</li> <li> Bottomland Hardwood Forest</li> <li> Salt Marsh</li> <li> Mangrove Swamp</li> <li> Scrub Mangrove</li> </ul>	<ul style="list-style-type: none"> <li> County Boundary</li> <li> Tidal Flat</li> <li> Open Water</li> <li> Shrub and Brushland</li> <li> Grassland</li> <li> Bare Soil/Clearcut</li> <li> Improved Pasture</li> <li> Unimproved Pasture</li> <li> Other Agriculture</li> <li> Citrus</li> <li> Exotic Plants</li> <li> High and Low Impact Urban</li> <li> Extractive</li> </ul>
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Miles  
0 0.2 0.4

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**Blackwater Heritage State Trail  
Management Plan Review**  
Revised April 10, 2013  
Florida Fish and Wildlife Conservation Commission  
Land Conservation and Planning



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The following are comments and suggested revisions prepared by the Florida Fish and Wildlife Conservation Commission (FWC) for the Blackwater Heritage State Trail (BHST) Management Plan submitted by Greenways and Trail, Division of Recreation and Parks, to the Acquisition and Restoration Council for consideration at the April 18-19, 2013 meeting.

1. FWC notes that although the plan covers a trail corridor and associated narrow ribbon of habitat along with a small parcel adjacent to Whiting Field, FNAI indicates numerous rare and imperiled species have been documented as occurring on or near the trail. FWC further notes and appreciates that this management plan adequately expresses the clear intent to implement core goals and objectives essential in the management of fish and wildlife habitat such as imperiled species management; restore, improve and maintain natural communities; implementation of a prescribed burning plan for fire adapted communities; control and management of exotic species; and hydrological preservation and restoration. Additionally, the plan describes ongoing associated management activities necessary to fulfill these goals. However, the plan indicates that due to the need for baseline surveys, quantifiable objectives with specific objective targets are uncompleted for many of the eight required goal categories. The plan expresses intent to develop quantifiable short term and long term objectives upon the completion of baseline surveys natural community mapping, etc. Therefore, FWC recommends that a plan amendment be submitted to ARC for review and approval upon completion of quantifiable short term and long-term objectives, for the eight required core goals described on Pages 16-21 of the plan. Since, the implementation of such core resource objectives, in the appropriate manner necessary, is essential to the conservation of fish and wildlife habitat even for relatively small trail corridor areas.
2. FWC completed a GIS environmental resource analysis for BHST which indicates that the U. S. Fish and Wildlife Service has designated a portion of BHST as Critical Habitat for a species of salamander; the reticulated flatwoods salamander (*Ambystoma bishop*). The attached map identifies the area of critical habitat for this salamander. FWC recommends the plan indicate the USWS Critical Habitat Area on BHST in an accompanying map and describe how the area will be managed to

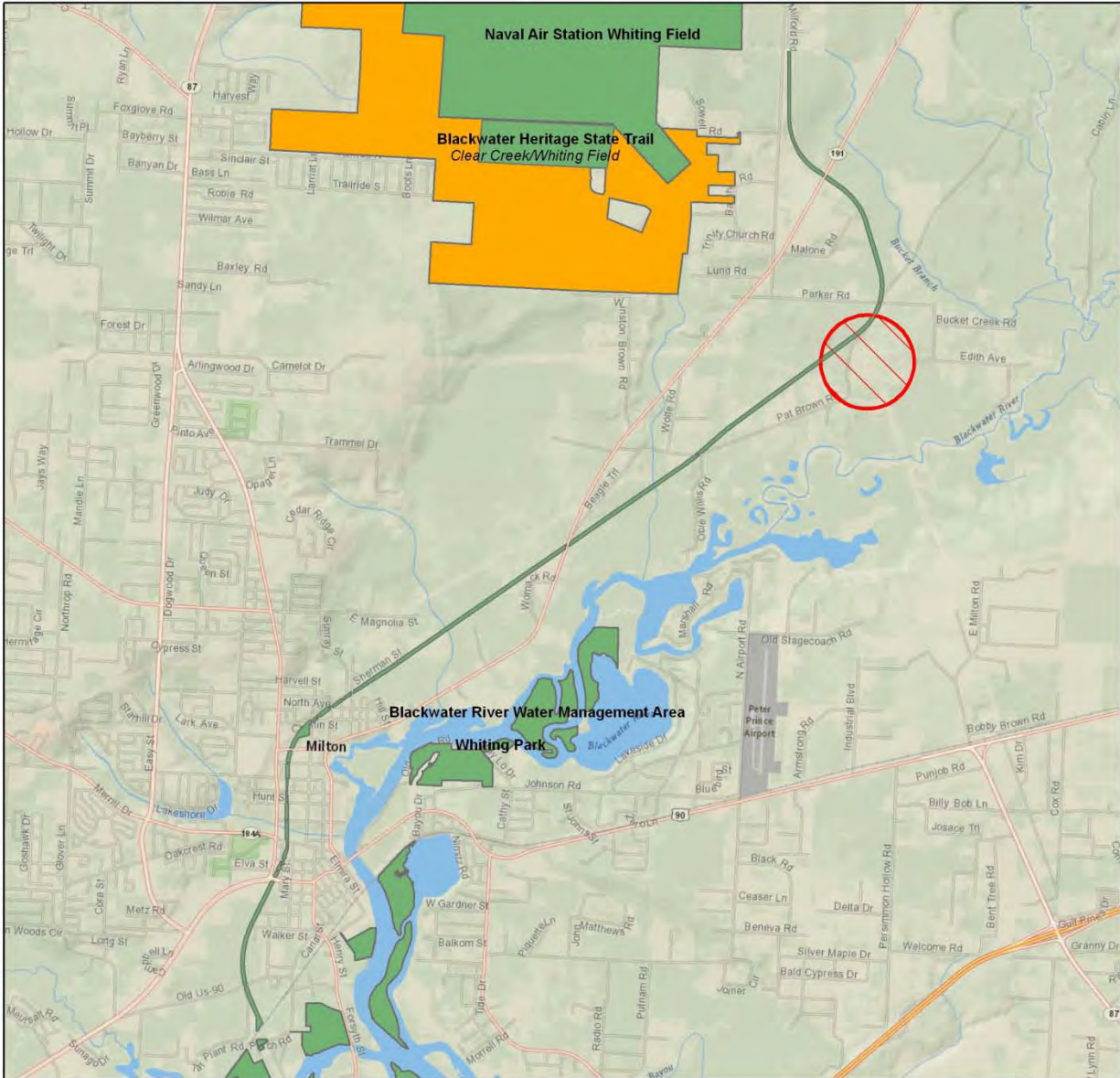
conserve habitat for this species of salamander. FWC also recommends the development of monitoring protocols for rare and imperiled species.

3. FWC recommends the development of a Wildlife Management Strategy for the area and suggests including the following objective: *In cooperation with FWC, develop a Wildlife Management Strategy that addresses potential fish and wildlife species on the area, with specific focus on imperiled species and associated management prescriptions for their habitats; based on site-specific occurrence, population and sustainability data, conduct imperiled species surveys and monitoring as appropriate.*

Thank you for the opportunity to review and comment on the BHST management plan. Please direct any questions regarding this document to:

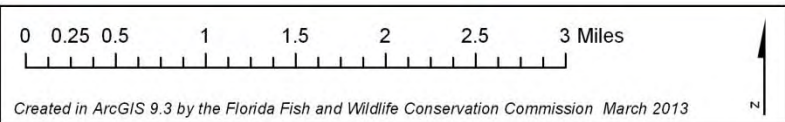
David Alden  
Florida Fish and Wildlife Conservation Commission  
Land Conservation & Planning  
850.487.9588  
Email: [david.alden@myfwc.com](mailto:david.alden@myfwc.com)






**Blackwater Heritage State Trail**  
Santa Rosa County, Florida





**USFWS Critical Habitat**

**Legend**

- Blackwater Heritage State Trail
- Reticulated flatwoods salamander

[www.fnai.org](http://www.fnai.org)



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**From:** Alden, David [<mailto:David.Alden@MyFWC.com>]  
**Sent:** Tuesday, March 26, 2013 12:57 PM  
**To:** Brock, Greg  
**Cc:** Ingram, Catherine; Birdsong, Robin; [djackson@fnai.org](mailto:djackson@fnai.org); Cochran, Gary  
**Subject:** RE: Blackwater Heritage trail designation of critical habitat for salamander

Greg:

To be clear, based on the county and map Critical Habitat designations found in the rule, it appears that only the Reticulated Flatwoods Salamander has Critical Habitat designated on portions of the Blackwater Heritage Trail. However, Frosted Flatwoods Salamander does have Critical Habitat designated in the panhandle, but not west of the Apalachicola River.

So, it appears there is an error with that USFWS Critical Habitat GIS data (indicating Critical Habitat for both species at the Blackwater Heritage Trail site).

Please let me know if you have any questions.

David Alden  
Biological Scientist IV, Senior Conservation Planner  
Florida Fish and Wildlife Conservation Commission  
Land Conservation & Planning  
850.487.9588  
Email: [David.Alden@myFWC.com](mailto:David.Alden@myFWC.com)  
Online: <http://myfwc.com/conservation/terrestrial/management-plans/>

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Find FWC and follow us as we work together to better manage Florida's fish and wildlife resources  
[MyFWC.com](http://MyFWC.com)



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**From:** Brock, Greg [<mailto:Greg.Brock@dep.state.fl.us>]  
**Sent:** Tuesday, March 26, 2013 12:05 PM  
**To:** Alden, David  
**Cc:** Ingram, Catherine; Birdsong, Robin  
**Subject:** Blackwater Heritage trail designation of critical habitat for salamander

David, your map and memo of critical habitats for the Frosted and Reticulated Flatwoods Salamanders on the Blackwater Heritage State Trail, appears to need correcting. Only the Reticulated Flatwoods Salamanders (*Ambystoma bishopi*) occurs west of the Apalachicola R. – see

attached emails.

*Please take a few minutes to share your comments on the service you received from the department by clicking on this link [DEP Customer Survey](#).*

**From:** [Alden, David](#)  
**To:** [Brock, Greg](#)  
**Cc:** [Ingram, Catherine](#); [Birdsong, Robin](#); [Cochran, Gary](#)  
**Subject:** RE: Blackwater Heritage trail designation of critical habitat for salamander  
**Date:** Tuesday, March 26, 2013 12:44:45 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image008.png](#)  
[image011.png](#)  
[E9-2403.pdf](#)  
[Black Water Heritage Trail crit hab 2.jpg](#)

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Gregg:

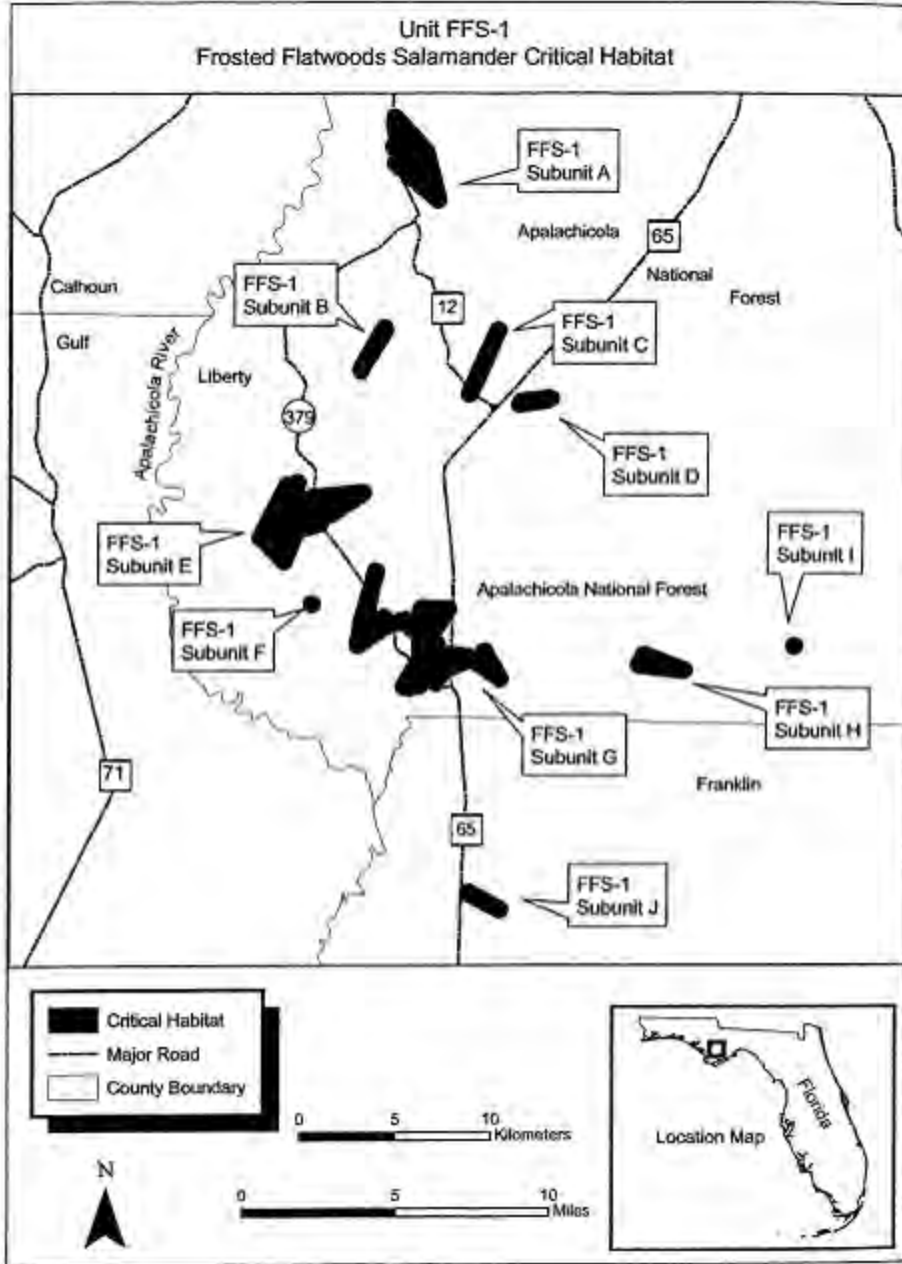
I was wondering that myself. I believe there was a recent taxonomic change to these species that may be contributing to the confusion. However, the most up-to-date USFWS GIS data lists critical habitat for bother species on the site identified in our attached map. USFWS Critical Habitat Final Rule (February 2009) for both species attached (Summary below).

**SUMMARY:** We, the U.S. Fish and Wildlife Service (Service), finalize the listing under the Endangered Species Act of 1973, as amended (Act), of the currently threatened flatwoods salamander (*Ambystoma cingulatum*) into two distinct species: Frosted flatwoods salamander (*Ambystoma cingulatum*) and reticulated flatwoods salamander (*Ambystoma bishopi*) due to a recognized taxonomic reclassification; determine endangered status for the reticulated flatwoods salamander; retain threatened status for the frosted flatwoods salamander; and designate critical habitat for the frosted flatwoods salamander and the reticulated flatwoods salamander. In total, approximately 27,423 acres (ac) (11,100 hectares (ha)) in 35 units or subunits fall within the boundaries of the critical habitat designation; 22,970 ac (9,297 ha) of critical habitat is designated for the frosted flatwoods salamander and 4,453 ac (1,803 ha) for the reticulated flatwoods salamander. This area is a reduction of 3,205 ac (977 ha) from the

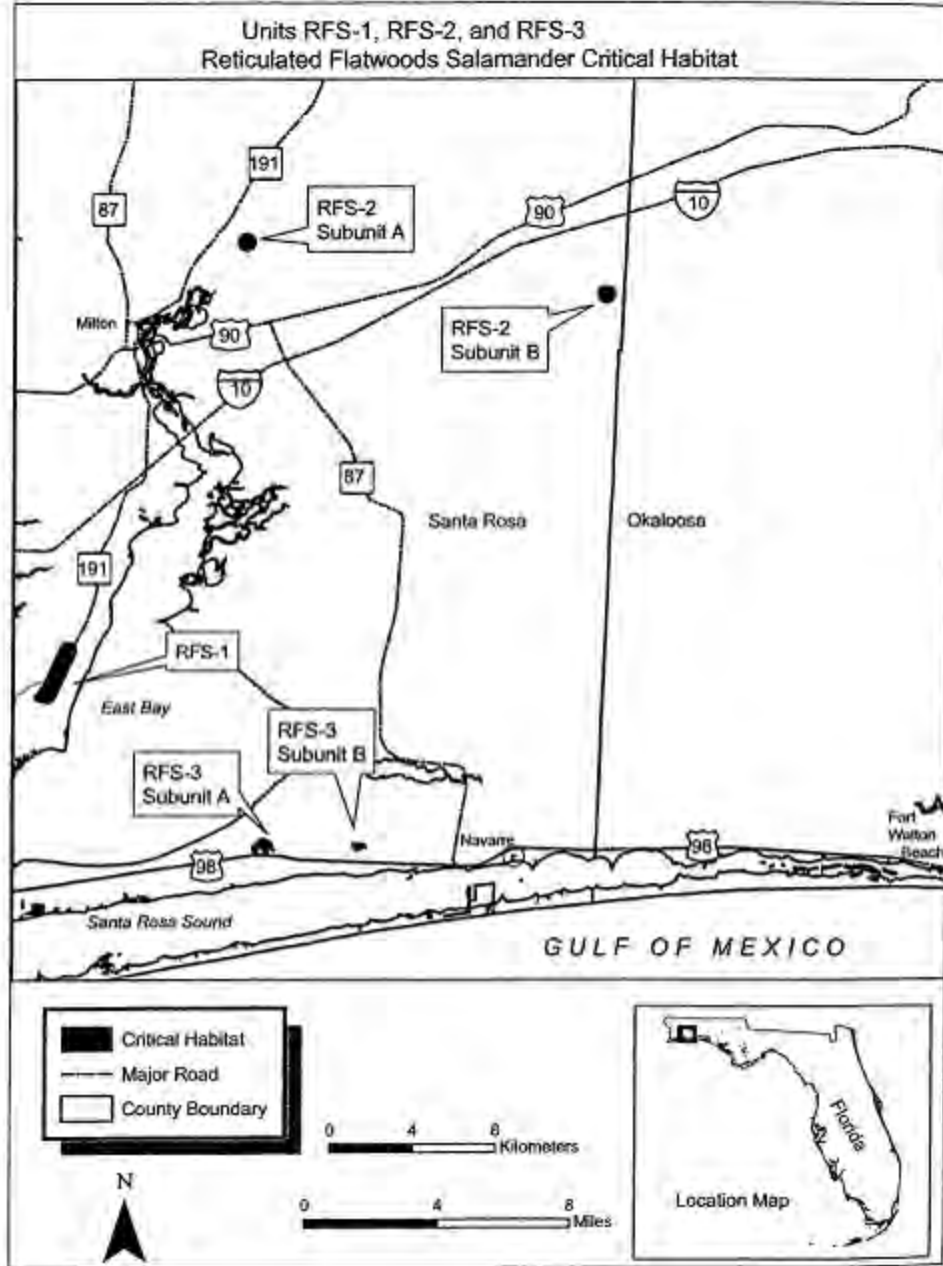
proposed designation; 162 ac (66 ha) less for the frosted flatwoods salamander and 3,043 ac (928 ha) less for the reticulated flatwoods salamander. The critical habitat is located in Baker, Calhoun, Franklin, Holmes, Jackson, Jefferson, Liberty, Santa Rosa, Wakulla, Walton, and Washington Counties in Florida; Baker and Miller Counties in Georgia; and Berkeley, Charleston, and Jasper Counties in South Carolina.

DATES: This rule becomes effective on March 12, 2009.

Of interest is the Reticulated and Frosted Flatwoods Salamander Critical Habitat maps on page 6748 and 6764 (below) both located in the western panhandle.



BILLING CODE 4310-35-C



BILLING CODE 4310-35-C

However, the USFWS range maps don't concur with this designation:

<http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D042>

<http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=D013>

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# **APPENDIX F**

## **Citizen Support Organization (CSO)**

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CITIZEN SUPPORT ORGANIZATION AGREEMENT

THIS AGREEMENT is made the 31<sup>st</sup> day of January, 2006 between the State of Florida Department of Environmental Protection ("DEP"), Office of Greenways and Trails, hereinafter called OGT, and the Blackwater Heritage Trail, Inc., a Florida nonprofit corporation, hereinafter called the CSO.

WITNESSETH

WHEREAS, OGT is vested with jurisdiction over and control of the Blackwater Heritage State Trail (the "Trail") and is responsible for the operation and maintenance of such facilities and for providing visitor services on the Trail under its jurisdiction as may be necessary, desirable or convenient for the use of the public for enjoyment and healthful recreation; and

WHEREAS, the CSO desires to provide certain services as a citizen support organization for the Trail located in Santa Rosa County Florida, and OGT desires to enter into this agreement with the CSO for the provision of said services.

NOW THEREFORE, in consideration of the premises and the mutual covenants and conditions herein contained, it is agreed by the parties hereto as follows:

1. OGT hereby grants to the CSO and the CSO hereby accepts from OGT, the exclusive right to serve as the citizen support organization for the Trail, in conformance with the purpose of Section 20.2551, Florida Statutes, for the period stated herein and

subject to all terms and conditions set forth in this agreement and the purposes set forth in the articles of incorporation of the CSO, attached hereto as Exhibit "A" to this agreement.

a. This agreement supersedes all previous agreements, if any, and shall take effect upon execution and shall continue indefinitely or until terminated pursuant to the provisions.

b. The CSO is hereby authorized to conduct the following activities, projects and events which include but are not limited to: fund raising, official meetings of the CSO membership, volunteer activities and projects, public educational and interpretative activities or events, or any other activities outlined in the purposes of the organization as set forth in the articles of incorporation of the CSO.

2. All notices and orders given to the CSO may be served by mail at the following address: c/O J. Paul Fitzgerald, 6839 Caroline Street, Milton, FL 32570. All notices given to OGT may be served by mail at the following address: 3900 Commonwealth Blvd., Mail Station 795, Tallahassee, FL 32399-3000.

3. The Trail manager is hereby designated as OGT's agreement manager. The Trail manager, the primary contact for the CSO, shall: communicate OGT policy and proper procedures to the CSO; advise the CSO with regard to whether programming and projects are consistent with the needs and goals of the Trail; ensure that the CSO complies with this agreement; ensure the CSO is using sound governance in accordance with its bylaws and articles of incorporation, this

agreement, and state and federal laws; and ensure that the CSO is effective and capable of meeting nonprofit corporation management standards, as well as the CSO's mission.

4. OGT may permit, without charge, appropriate use of the Trail property, staff and facilities by the CSO for the purposes stated in this agreement. Such use must be directly in keeping with the approved purposes of the CSO and may not be made at times or places that would unreasonably interfere with opportunities for the general public to use the Trail for established recreational purposes. In order to use property or facilities of the Trail, including the uses authorized in paragraph 1.b. above, the CSO must:

a. comply with the all current DEP policies, rules and regulations; and

b. develop and submit to the Trail manager for review and prior written approval on an annual basis, a program or schedule of all projects, activities and events the CSO plans to carry out on the Trail, including the designation of a specific location and time for such uses, with the understanding that the program and schedule may be modified periodically as needed;

c. be responsible for maintaining the Trail property and facilities in a clean and orderly state; and

d. obtain advance approval in writing from the Trail manager for any activities not covered specifically in this agreement.

5. The Trail manager shall educate the CSO about Section 20.2551, Florida Statutes, and the contents of the Citizen Support Organization Handbook, on an ongoing basis to ensure that the CSO follows appropriate agency guidelines and review procedures before a decision to proceed on a CSO activity is made including:

a. OGT Director must approve any single fund raising project that exceeds \$25,000 per year.

b. The CSO is not authorized to pursue fixed capital outlay development (construction type) projects, including fund raising for such projects, unless the projects appear in the Trail's land management plan and they are approved by the Director of OGT. Prior to approval of such projects, the Trail manager shall consult with regional trail manager to ensure coordination with these entities. The regional trail manager will obtain approval for the proposed CSO project, in writing, from OGT Director, prior to the CSO initiating fund raising for the project.

6. The CSO agrees that all funds generated by the CSO through use of Trail property or facilities or the Trail's name or identity will be used for the direct or indirect benefit of the Trail or in support of the CSO's purposes stated in the articles of incorporation of the CSO which are attached as Exhibit "A" to this agreement. The CSO's fiscal year begins July 1 and ends June 30.

7. The CSO agrees to provide an annual financial statement, based on the cash, modified cash or accrual basis of accounting, and one of the following shall apply:

a. For a cash or modified cash method of accounting the financial statements shall be in the following format: the Statement of Assets & Liabilities Resulting from Cash Transactions; the Statement of Cash Receipts, Expenditures, and Scholarships Paid; the Statement of Functional Expenses; the Financial Statement Disclosures; and, the Statement of Accomplishments and Goals. The reports are based on Other Comprehensive Basis of Accounting as set forth in the American Institute of Certified Public Accountants, Statement on Auditing Standards No.62, Special Reports. The annual financial statement shall be submitted to the Office of Greenways and Trails, 3900 Commonwealth Blvd., MS 795, Tallahassee, FL 32399-3000, no later than six months after the end of the CSO fiscal year.

b. For an accrual method of accounting the financial statements shall be in the following format: the Statement of Financial Position; the Statement of Activities; the Statement of Functional Expenses; the Statement of Cash Flows; the Financial Statement Disclosures; and, the Statement of Accomplishments and Goals. The report will follow the standards set forth in Statement of Financial Accounting Standards Nos. 117 and 116 established by the Financial Accounting Standards Board. The formats are contained in Exhibit "B" to this agreement. The annual financial statement shall be submitted to the Office of Greenways and Trails, 3900 Commonwealth Blvd., MS 795, Tallahassee, FL 32399-3000, no later than six months after the end of the CSO fiscal year.

8. Should annual expenses of the CSO exceed \$300,000 in gross expenditures, including all grants, the CSO shall secure a full audit by an independent certified public accountant ("CPA"). This audit shall be in accordance with Chapter 10.700, Rules of the Auditor General, Audits of Direct Support Organizations and Citizen Support Organizations, and the standards set forth in Statement of Financial Accounting Standards Nos. 117 and 116, Financial Statements of Not-For-Profit Organizations established by the Financial Accounting Standards Board. The CPA's reports shall address the financial statements for the CSO's fiscal year. The CPA's report gives assurance that expenditures were made to carry out the purposes set forth in the articles of incorporation of the CSO attached as Exhibit "A" to this agreement. The required audit shall be submitted to the Auditor General's Office at 111 West Madison Street, Claude Pepper Building, Tallahassee, FL 32399-1450, with a copy to the Trail manager, no later than nine months after the end of the CSO fiscal year.

9. The CSO shall file and renew the Not-For-Profit Corporation Annual Report annually with the State of Florida Department of State, in accordance with Chapter 617, Florida Statutes.

10. Any violation of, or failure to comply with, the terms of this agreement may, at the option of OGT, terminate this agreement after thirty days from the CSO receipt of notice in writing delivered or mailed to the CSO address set forth in



paragraph 2 of this agreement.

11. This agreement may be terminated by either party without cause 90 days after receipt of notice of termination in writing to the other party at the address set forth in paragraph 2 of this agreement. In the event that this agreement is terminated or the CSO otherwise ceases to exist, any remaining assets of the CSO shall be transferred to another OGT-approved citizen support organization or to OGT. This provision shall be included in dissolution and/or merger documents or other appropriate legal documents.

12. The activities of the CSO, which have been approved by its officers and board of directors, and OGT pursuant to this agreement, are covered by state liability protection as outlined in Sections 110.504 and 768.28, Florida Statutes. The CSO, its Board of Directors, and officers are volunteers and are covered by state liability protection as outlined in Sections 110.504 and 768.28, Florida Statutes. This provision in no way waives the State of Florida's sovereign immunity.

13. DEP shall have no legal responsibility for worker's compensation coverage for CSO employees. The CSO is responsible for providing worker's compensation for CSO employees. All CSO employees shall sign a disclosure statement informing them that the State of Florida and DEP are not responsible for injuries they incur as a result of employment with the CSO.

14. All records in conjunction with this agreement shall be public record and shall be treated in the same manner as other public records are under general law. This agreement may be unilaterally canceled by OGT for refusal by the CSO to allow public access to all documents, papers, letters, or other material subject to provisions of Chapter 119, Florida Statutes, and made or received by the CSO in conjunction with this agreement.

The State of Florida Department of Environmental Protection, Office of Greenways and Trails, has hereunto set its hand and official seal, and Blackwater Heritage Trail, Inc., a Florida nonprofit corporation, has caused these presents to be signed in its name by its proper officers, and its corporate seal to be affixed, attested by its secretary, the day and year written above.

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STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF GREENWAYS AND TRAILS

Approved as to form and  
legality:

By: *Lynn L. Huse*  
Attorney

By: *Jena Brooks*  
Jena Brooks, Director  
Office of Greenways and Trails

ATTEST:

BLACKWATER HERITAGE TRAIL, INC.,  
a Florida nonprofit corporation

By: *Mike Wolfe*  
Mike Wolfe, Secretary

By: *Mack Thetford*  
Mack Thetford, President

(CORPORATE SEAL)

EXHIBIT A

N38317

ARTICLES OF INCORPORATION  
OF  
BLACKWATER HERITAGE TRAIL, INC.  
A Florida Nonprofit Corporation

FILED  
1990 MAY 17 PM 2:31  
SECRETARY OF STATE  
TALLAHASSEE, FLORIDA

ARTICLE I - NAME

The name of the Corporation is BLACKWATER HERITAGE TRAIL, INC., and the same is hereby organized by the undersigned to form a nonprofit corporation under the Florida Not For Profit Corporation Act (F.S. 617.001, et seq.).

ARTICLE II - DURATION

The term of existence of the Corporation is perpetual, and the corporate existence will commence on the filing of these Articles by the Secretary of State.

ARTICLE III - NONPROFIT PURPOSES AND POWERS

The purposes for which the Corporation is organized are:

1. Exclusively for charitable, historical, educational and scientific purposes, including, for such purposes, being and dealing with other organizations that qualify as exempt organizations under 501(c)(3) of the Internal Revenue Code of 1954;

2. To act as a nonprofit citizens support group to foster improvements and maintenance of the Blackwater Heritage Trail, Inc.; develop additional linkages and a network of trails that connect with or are proximate to the trail, promote environmental, cultural and historical awareness of the trail; and encourage use of the trail as a healthful and safe facility for cycling, hiking, horseback riding, running, and related recreational activities;

3. To act as a liaison between the Blackwater Heritage Trail, Inc. and other sites (as determined by its Directors) and other outside entities such as schools and other educational organizations to promote educational and historical purposes of the Corporation;

4. To engage in any lawful purpose or purposes not for pecuniary profit, subject to the above;

5. No part of the net earnings of the Corporation shall inure to the benefit of, or be distributable to, its members, trustees, officers, or other private persons, except that the Corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the Corporation's purposes. No substantial part of the activities of the Corporation shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the Corporation shall not participate in, or intervene in (including the publishing or distribution of statements) any political campaign on behalf of any candidate for public office. Notwithstanding any other provision of these articles, the Corporation shall not carry on any other activities not permitted to be carried on (a) by a Corporation exempt from federal income tax under 501(c)(3) of the Internal Revenue Code of 1954 or (b) by a Corporation, contributions to which are deductible under 170(c)(2) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue law);

6. To conduct programs and activities; raise funds; request and receive grants, gifts, and bequests of money; acquire, receive, hold, invest and administer, in its own name, securities, funds, objects of value, or other property, real or personal; and make expenditures to or for the direct or indirect benefit of the Blackwater Heritage Trail, Inc.; and

7. If the Corporation shall be or become a private foundation as such term is defined by Section 509, then the Corporation shall be required to distribute its income for each taxable year at such time in such manner as not to subject it to tax under Section 4942, and the Corporation shall be prohibited from engaging in any act of self-dealing [as defined in Section 4941(d)], from retaining any excess business holdings [as

defined in Section 4943(c)], from making any investments in such manner as to subject the Corporation to tax under Section 4944, and from making any taxable expenditures [as defined in Section 4945(d)]. The statutory references in this Paragraph 7 are to the Internal Revenue Code of 1954, and the regulations thereunder, as the same now exist and may hereafter be amended from time to time.

#### ARTICLE IV - DIRECTORS

There shall be nine (9) members of the initial Board of Directors of the Corporation. The names and addresses of the persons who are to serve as the first elected Directors are as follows:

<u>Name</u>	<u>Address</u>
Donald E. Galbraith 5600 Michael Drive Milton, Florida 32570	Lynn Galbraith 5600 Michael Drive Milton, Florida 32570
Jack Sanborn 1 Main Street Bagdad, Florida 32530	Nelda Sorensen 9 Bombay Drive Milton, Florida 32570
Harold E. Marcus, Jr. 7640 River Road Milton, Florida 32570	Richard Collins 8600 Chumuckla Highway Milton, Florida 32570
David Shaffer 106 Mary Street Milton, Florida 32570	Sharlene Shaffer 106 Mary Street Milton, Florida 32570
Judith Duren 302 Conecuh Street Milton, Florida 32570	

#### ARTICLE V - REGISTERED OFFICE AND AGENT

The initial registered office of the Corporation shall be located at 202 Oak Street, Milton, Florida 32570. The initial registered agent of the Corporation at that address shall be J. Paul Fitzgerald.

#### ARTICLE VI - MEMBERS

The Corporation shall have members. Members of the Corporation will be required to meet the following qualifications: to have an interest in and a willingness to

assist with the stated purposes of the Corporation in conformity with the By-Laws and direction from the Board of Directors. Persons meeting such qualifications will be admitted in the following manner: Each prospective member shall make written application to the Board of Directors together with a check or money order for the first year's dues. Each proposed member shall apply for membership as an individual, family, or organization with the annual dues as specified by action of the Board of Directors.

Each member, regardless of whether an individual, family, or organization, shall be entitled to one vote. Nonpayment of dues shall be grounds for immediate revocation of membership. Membership shall be evidenced by certification.

#### ARTICLE VII - INCORPORATION

The names and residence addresses of the officers and subscribers of these Articles of Incorporation are:

<u>Name</u>	<u>Address</u>
Donald E. Galbraith, President	5600 Michael Drive Milton, Florida 32570
Jack Sanborn, Vice-President	1 Main Street Bagdad, Florida 32530
Nelda Sorensen, Secretary	9 Bombay Drive Milton, Florida 32570
Lynn Galbraith, Treasurer	5600 Michael Drive Milton, Florida 32570

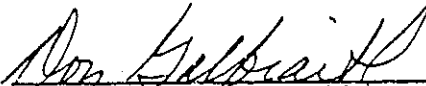
#### ARTICLE VIII - CONDUCT OF CORPORATE AFFAIRS


The conduct of the affairs of the Corporation will be limited in the following manner: The Board of Directors shall have all corporate authority and shall be elected for two-year terms by the members, except for the first year when three directors will be elected for one-year terms and two directors for two-year terms. The Board of Directors has power to amend these Articles.


ARTICLE IX - DISSOLUTION

Upon the dissolution of the Corporation, the Board of Directors shall, after paying or making provision for the payment of all of the liabilities of the Corporation, dispose of all of the assets of the Corporation exclusively for the purpose of the Corporation in such manner, or to such organization or organizations organized and operated exclusively for charitable, educational, religious, or scientific purposes as shall at the time qualify as an exempt organization or organizations under 501(c)(93) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue law), as the Board of Directors shall determine. Any such assets not so disposed of shall be disposed of by the court of common pleas of the county in which the principal office of the Corporation is then located, exclusively for such purposes or to such organization or organizations, as said court shall determine, which are organized and operated exclusively for such purposes.

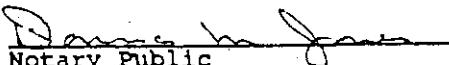
IN WITNESS WHEREOF, we have hereunto subscribed our names this 16th day of May, 1990.

  
Don Galbraith - President

  
Jack Sanborn - Vice President

  
Nelda Sorensen - Secretary

  
Lynn Galbraith - Treasurer

  
Notary Public

NOTARY PUBLIC, STATE OF FLORIDA.  
MY COMMISSION EXPIRES: NOV. 20, 1990.  
BONDED THRU NOTARY PUBLIC UNDERWRITERS.



CERTIFICATE DESIGNATING PLACE OF BUSINESS  
OR DOMICILE FOR THE SERVICE OF PROCESS  
WITHIN THIS STATE, NAMING AGENT  
UPON WHOM PROCESS MAY BE SERVED

---

In pursuance of Chapter 48.091, Florida Statutes, the following is submitted, in compliance with said Act:

FIRST: That BLACKWATER HERITAGE TRAIL, INC., desiring to organize under the laws of the State of Florida with its principal office, as indicated in the articles of incorporation at the City of Milton, County of Santa Rosa, State of Florida, has named J. PAUL FITZGERALD, located at 202 Oak Street, City of Milton, County of Santa Rosa, State of Florida, as its agent to accept service of process within this state.

ACKNOWLEDGEMENT:

Having been named to accept service of process for the above stated corporation, at the place designated in this certificate, I hereby agree to act in this capacity, and I further agree to comply with the provision of said Act relative to keeping open said office.

  
\_\_\_\_\_  
J. PAUL FITZGERALD  
Registered Agent

FILED  
1992 MAR 24 AM 10:43  
SECRETARY OF STATE  
TALLAHASSEE, FLORIDA

ARTICLES OF AMENDMENT  
to  
ARTICLES OF INCORPORATION  
of

BLACKWATER HERITAGE TRAIL, INC.

Pursuant to the provisions of section 617.1006, Florida Statutes, the undersigned corporation adopts the following articles of amendment to its articles of incorporation.

FIRST: Amendment(s) adopted:

(PLEASE SEE ATTACHED PAGE FOR TWO (2) AMENDMENTS)

SECOND: The date of adoption of the amendment(s) was: Feb. 26, 1992

THIRD: Adoption of Amendment (CHECK ONE)

The amendment(s) was(were) adopted by the members and the number of votes cast for the amendment was sufficient for approval.

There are no members or members entitled to vote on the amendment. The amendment(s) was(were) adopted by the board of directors.

Dated March 17, , 1992

Blackwater Heritage Trail, Inc.

Corporation Name

By Richard A. Collins

(Chairman, Vice Chairman, President or other officer)

Richard Collins

Typed or printed name

President

Title

7

AMENDMENTS ADOPTED:

1. Blackwater Heritage Trail, Inc. is open to membership by anyone wishing to join, regardless of age, sex, race, color, religion, national origin or possible handicap
2. Upon the dissolution of the corporation, assets shall be distributed for one or more exempt purposes within the meaning of section 501(c)(3) of the Internal Revenue Code, or corresponding section of any future federal tax code, or shall be distributed to the federal government, or to a state or local government, for a public purpose. Any such assets not so disposed of shall be disposed of by the Court of Common Pleas of the county in which the principal office of the corporation is then located, exclusively for such purposes or to such organization or organizations, as said Court shall determine, which are organized and operated exclusively for such purposes.

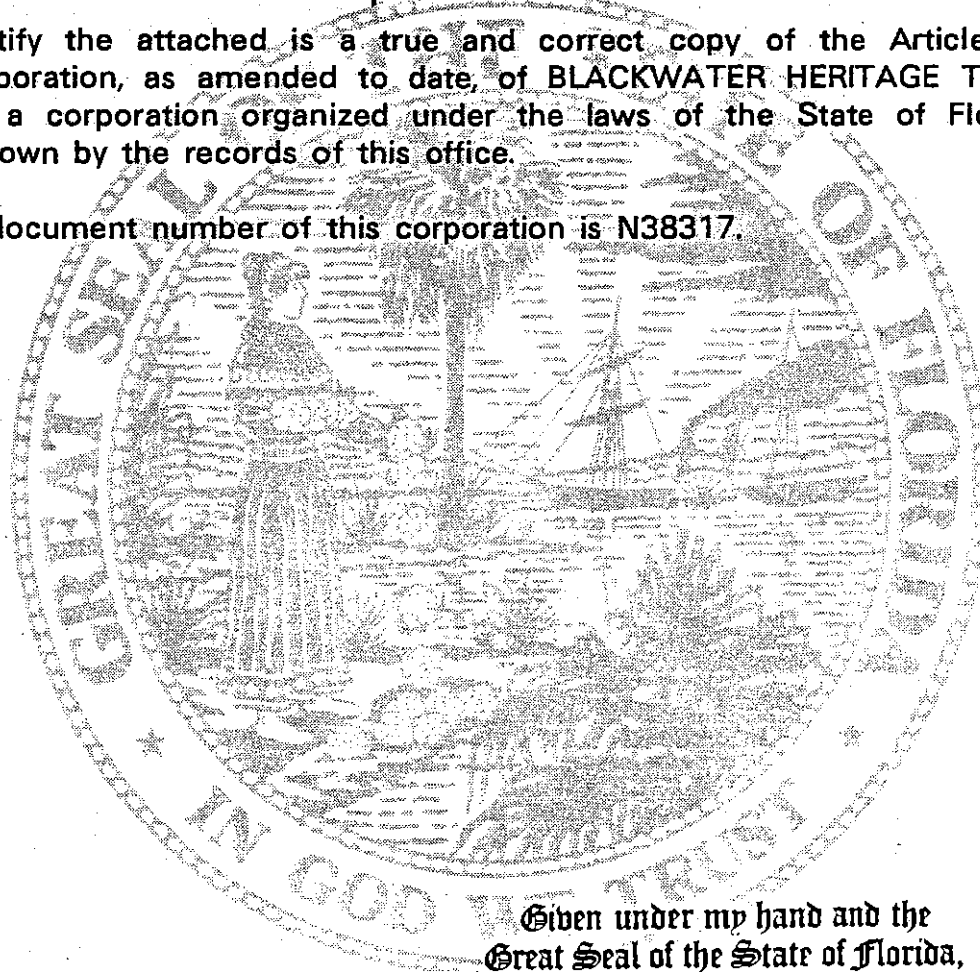
# State of Florida



## Department of State

I certify the attached is a true and correct copy of the Articles of Incorporation, as amended to date, of BLACKWATER HERITAGE TRAIL, INC., a corporation organized under the laws of the State of Florida, as shown by the records of this office.

The document number of this corporation is N38317.



Given under my hand and the  
Great Seal of the State of Florida,  
at Tallahassee, the Capital, this the  
2nd day of April, 1992.



CR2EO22 (2-91)

Jim Smith  
Secretary of State

# **APPENDIX G**

## **Division of Historical Resources (DHR) Florida Master Site File (FMSF) Reports**

**June 8, 2011**

**July 20, 2011**

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This record search is for informational purposes only and does NOT constitute a project review. This search only identifies resources recorded at the Florida Master Site File and does NOT provide project approval from the Division of Historical Resources. Contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333 for project review information.

June 8, 2011



Robin L. Turner  
Office of Greenways and Trails  
3900 Commonwealth Blvd.  
Tallahassee, FL 32399-3000  
Phone: 850.245.2052  
Email: [robin.turner@dep.state.fl.us](mailto:robin.turner@dep.state.fl.us)

In response to your inquiry of May 31, 2011, the Florida Master Site File lists no previously recorded archaeological sites, one resource group, and one standing structure found within or intersecting the **Blackwater Heritage State Trail** located in Santa Rosa County:

When interpreting the results of our search, please consider the following information:

- **This search area may contain *unrecorded* archaeological sites, historical structures or other resources even if previously surveyed for cultural resources.**
- **Because vandalism and looting are common at Florida sites, we ask that you limit the distribution of location information on archaeological sites.**
- **While many of our records document historically significant resources, the documentation of a resource at the Florida Master Site File does not necessarily mean the resource is historically significant.**
- **Federal, state and local laws require formal environmental review for most projects. This search DOES NOT constitute such a review. If your project falls under these laws, you should contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333.**

Please do not hesitate to contact us if you have any questions regarding the results of this search.

Sincerely,

A handwritten signature in cursive script that reads "Chris Fowler".

Chris Fowler  
Archaeological Data Analyst  
Florida Master Site File  
[cgfowler@dos.state.fl.us](mailto:cgfowler@dos.state.fl.us)

This record search is for informational purposes only and does NOT constitute a project review. This search only identifies resources recorded at the Florida Master Site File and does NOT provide project approval from the Division of Historical Resources. Contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333 for project review information.

July 20, 2011



Robin L. Turner  
Office of Greenways and Trails  
3900 Commonwealth Blvd.  
Tallahassee, FL 32399-3000  
Phone: 850.245.2052  
Email: [robin.turner@dep.state.fl.us](mailto:robin.turner@dep.state.fl.us)

In response to your inquiry of July 18, 2011, the Florida Master Site File lists no previously recorded archaeological sites, and no standing structures, found within or intersecting the 126.87 acre parcel indicated by the shape files submitted with search request for the **Blackwater Heritage State Trail** located in Santa Rosa County:

When interpreting the results of our search, please consider the following information:

- **This search area may contain *unrecorded* archaeological sites, historical structures or other resources even if previously surveyed for cultural resources.**
- **Because vandalism and looting are common at Florida sites, we ask that you limit the distribution of location information on archaeological sites.**
- **While many of our records document historically significant resources, the documentation of a resource at the Florida Master Site File does not necessarily mean the resource is historically significant.**
- **Federal, state and local laws require formal environmental review for most projects. This search DOES NOT constitute such a review. If your project falls under these laws, you should contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333.**

Please do not hesitate to contact us if you have any questions regarding the results of this search.

Sincerely,

A handwritten signature in cursive script that reads "Chris Fowler".

Chris Fowler  
Archaeological Data Analyst  
Florida Master Site File  
[cgfowler@dos.state.fl.us](mailto:cgfowler@dos.state.fl.us)



## CULTURAL RESOURCES REPORT

SITEID	FORMNO	T-R-S	CR	SITENAME	NRLIST	SURVEY	LOCATION	OTHER
SR00394	198709	01N/28W/3	RG	MILTON HISTORIC DISTRICT	Listed		City: MILTON	RG Type: DINA, # Cntrib Resources: 117
SR00536	198702	01N/28W/3	SS	MAGAHA/RIVANBARK HOUSE		1468	501 BERRYHILL ST, MILTON	Uses: RESI

2 site(s) evaluated; 2 form(s) evaluated. (1 RG, 1 SS)

Print date: 6/8/2011 11:07:45 AM

## SURVEY REPORT

SURVNO	TITLE	AUTHOR	PUBDATE
5402	AN ARCHITECTURAL INVENTORY, NAVAL AIR STATION WHITING FIELD, MILTON, FLORIDA	LYNN, CHARLES	1994
7939	ARCHAEOLOGICAL SUBSURFACE TESTING OF THE REVISED LOCATION OF THE PROPOSED MUNSON (VERIZON WIRELESS 51303) TELECOMMUNICATIONS TOWER SITE, SANTA ROSA COUNTY, FLORIDA	PARKER, BRIAN	2002
8180	AN ARCHAEOLOGICAL AND HISTORICAL SURVEY OF THE PROPOSED MILTON SQUARE TOWER LOCATION IN SANTA ROSA COUNTY, FLORIDA	JONES, PAUL L.	2001
8450	AN ARCHAEOLOGICAL AND HISTORICAL SURVEY OF THE PROPOSED PO-89 ROEVILLE TOWER LOCATION IN SANTA ROSA COUNTY, FLORIDA	BATATEGAS, JULIET T.	2001
8606	IDENTIFICATION AND EVALUATION OF HISTORIC PROPERTIES WITHIN THE ONE MILE AREA OF POTENTIAL EFFECTS OF THE PROPOSED 180FT MUNSON #51303 TELECOMMUNICATIONS TOWER, SANTA ROSA COUNTY, FLORIDA	PARKER, BRIAN	2002

5 records printed.

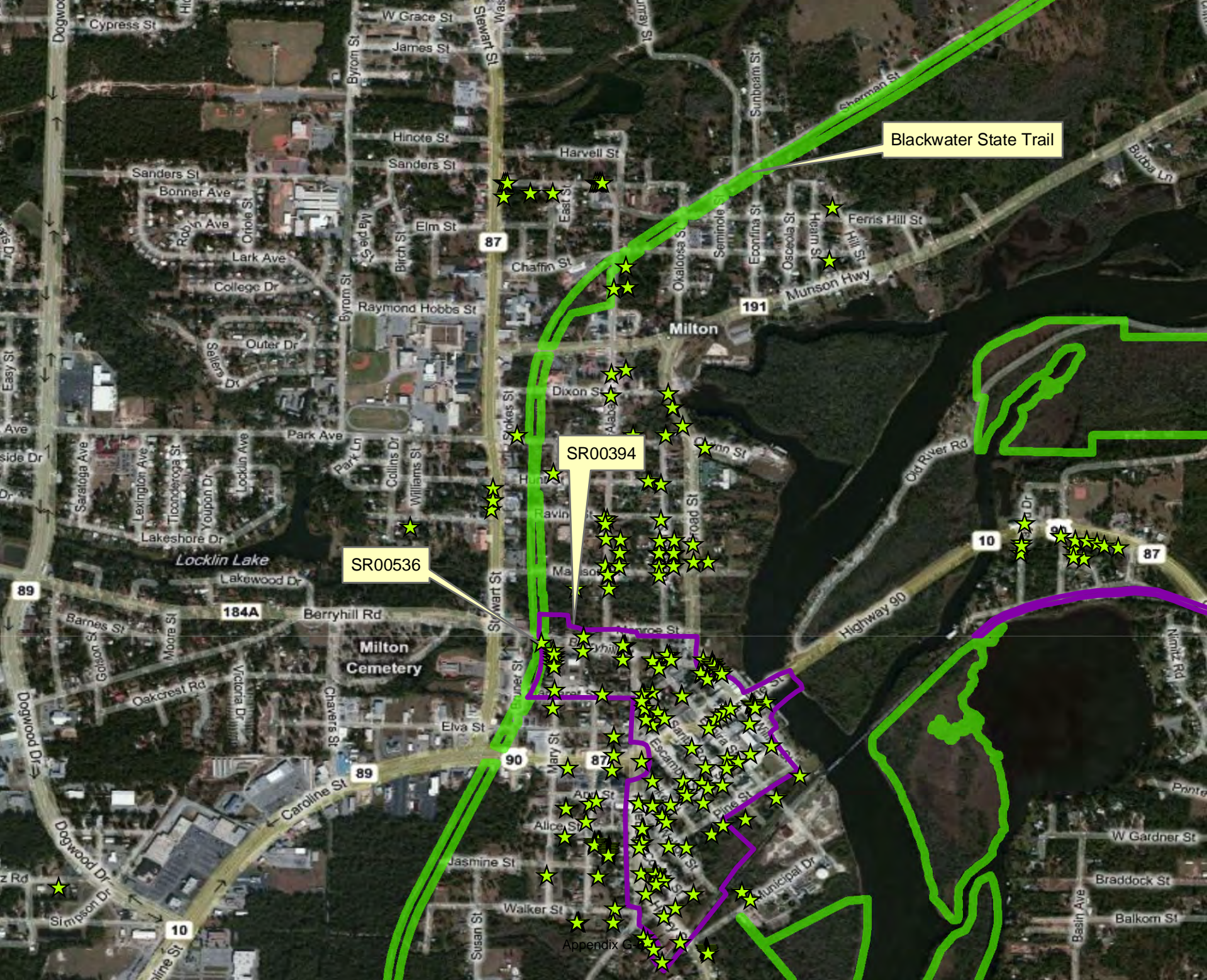
Print date: 6/8/2011 12:00:49 PM

## SURVEY REPORT

SURVNO	TITLE	AUTHOR	PUBDATE
2974	PHASE III ARCHAEOLOGICAL SURVEY OF THE BLACKWATER RIVER DRAINAGE	PENTON, DANIEL T.	1991
5402	AN ARCHITECTURAL INVENTORY, NAVAL AIR STATION WHITING FIELD, MILTON, FLORIDA	LYNN, CHARLES	1994

2 records printed.

Print date: 7/18/2011 1:11:33 PM



Blackwater State Trail

SR00394

SR00536

Appendix G

# **APPENDIX H**

## **Verification of Compliance with Comprehensive Plan**

**February 22, 2012**

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Beckie Cato, AICP  
Planning and Zoning Director

# Santa Rosa County Development Services

Tony Gomillion  
Public Service Director



Rhonda C. Royals  
Interim Building Official

February 22, 2012

Robin Birdsong, Regional Coordinator  
Department of Environmental Protection  
Division of Recreation and Parks  
Office of Greenways and Trails

RE: Blackwater Heritage State Trail

Dear Mrs. Birdsong:

The Blackwater Heritage State Trail is primarily located within the Conservation/Recreation Future Land Use category in the Santa Rosa County Comprehensive Plan. This category allows for a variety of active recreation and passive conservation activities. The Trail also crosses or passes over public rights-of-way and federal government property.

Policy 4.1.O.12 of the Comprehensive Plan states that "The County will support connections and improvement of Old State Road 1 (Old Brick Road), the Blackwater Heritage Trail, and the Bagdad Heritage Trail as alternate modes of travel between Milton, Bagdad, East Milton, and Naval Air Station Whiting Field." Furthermore, Policy 9.1.C.8 states that "The County will encourage the establishment of recreation trails and bike trails to increase, where feasible, the opportunity for biking, walking, in-line skating and other forms of outdoor recreation."

Therefore, please allow this letter to serve as evidence that the Blackwater Heritage State Trail is consistent with the Santa Rosa County Comprehensive Plan. Please feel free to contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua Dault".

Joshua Dault  
Planner III

CC: Sheila Harris, Santa Rosa County Grants

Santa Rosa County Public Service Complex  
6051 Old Bagdad Highway, Suite 202 Milton, Florida 32583

[www.santarosa.fl.gov](http://www.santarosa.fl.gov)  
Office: (850) 981-7000

Inspections/Compliance Division Fax: (850) 623-1208 • Planning/Zoning Division Fax: (850) 983-9874 • Commercial Review Fax: (850) 623-1381

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# **APPENDIX I**

## **Public Input**

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Published Daily-Pensacola, Escambia County, FL

**PROOF OF PUBLICATION**

State of Florida

County of Escambia:

Before the undersigned authority personally appeared **Ashley Gafford** who on oath, says that she is a personal representative of the Pensacola News Journal, a daily newspaper published in Escambia County, Florida; that the attached copy of advertisement, being a Legal in the matter of:

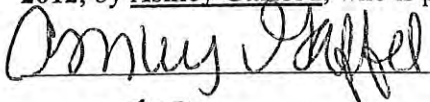
**Proposed Draft Update**


Was published in said newspaper in the issue(s) of:

**May 23, 2012**

Affiant further says that the said Pensacola News Journal is a newspaper published in said Escambia County, Florida, and that the said newspaper has heretofore been published in said Escambia County, Florida, and has been entered as second class matter at the Post Office in said Escambia County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this **30th** Day of **May, 2012**, by **Ashley Gafford**, who is personally known to me.

 \_\_\_\_\_ Affiant

 \_\_\_\_\_ Notary Public

**GRANT PAQUIN**  
Notary Public, State of Florida  
My Commission Expires May 31, 2014  
Commission No. DD996828

The Office of Greenways and Trails,  
in the Florida Department of Environmental Protection's  
Division of Recreation and Parks,  
announces meetings related to the proposed draft update of the Land Management Plan for  
Blackwater Heritage State Trail.

Wednesday, May 30, 2012  
10 a.m.–12 p.m., Public Meeting  
1–3 p.m., Advisory Group Meeting

Santa Rosa County Administration Building  
Board Room  
6495 Caroline Street  
Milton, FL 32570

Both meetings are open to the public.  
Written comments will be accepted prior to  
and during the meeting.

For more information, call (850) 245-2052 or email [Robin.Birdsong@dep.state.fl.us](mailto:Robin.Birdsong@dep.state.fl.us).

To view a copy of the proposed plan, see  
[www.FloridaGreenwaysAndTrails.com](http://www.FloridaGreenwaysAndTrails.com).

Pursuant to the provisions of the Americans with Disabilities Act,  
any person requiring special accommodations to participate in a meeting  
is asked to advise the agency three days in advance at (850) 245-2052.  
If you are hearing or speech impaired, please contact the agency using  
the Florida Relay Service at 1(800) 955-8771 (TDD) or 1(800) 955-8770 (Voice).

Legal No. 1563086  
PL-0001563086

1T  
May 23, 2012

## Blackwater Heritage State Trail (BHST) Management Plan Public Meeting and Advisory Group Meeting Report:

Both meetings occurred on Wednesday, May 30, 2012 at Santa Rosa County (SRC) Administration Building, Board Room located at 6495 Caroline Street, Milton, Florida 32570. The Public Meeting began at approximately 10:00 a.m. Office of Greenways and Trails Regional Coordinator, Mrs. Robin Birdsong welcomed participants and provided a PowerPoint overview of the Plan which included the process proceeding and following the Public Meeting. Following the staff presentation comments were accepted from attendees, there were thirteen attendees. At the 1:00 p.m. Advisory Group Meeting, Mrs. Birdsong provided printed copies of comments received from Advisory Group members that were unable to attend the meeting. Each attendee was given equal opportunity to identify important issues and to provide comments on the Plan, some of the comments lead to open discussion. Following the comment/discussion period, Mrs. Birdsong said that she would circulate the comments that were received and that they would be included in Appendix I of the Plan. Mrs. Birdsong stated that recommendations where appropriate would be incorporated within the text of the Plan. Mrs. Birdsong said that she would send the main text of the Plan for final review before submitting the Plan to the Acquisition and Restoration Council (ARC). If the minor revisions are confirmed by the Advisory Group by June 30, 2012, the Plan should be included on the October 2012 ARC agenda.

### Public Meeting Attendees (that signed in):

Danny Jones– Florida Park Service (FPS), Bureau Chief, District One  
David Creamer– Florida Forest Service, Blackwater Forestry Center, Recreation Administrator  
Ferland Hoover–FPS, Blackwater River State Park and BHST, Manager  
Gerard Greco–FPS, BHST Staff  
Jason Tritt–Blackwater Soil and Water Conservation District, Staff  
Jim Johnson  
Mike Davis–BHST Citizen Support Organization (CSO)  
Randy Roy–Naval Air Station (NAS) Whiting Field, Community Liaison  
Richard Collins–former President of the BHST CSO  
Shelia Harris–SRC Board of County Commissioners, Special Projects/Grants Assistant  
Tony Tindell–FPS, Assistant Bureau Chief, District One  
Vernon Compton–Project Director of the Long Leaf Alliance, Florida Trail Association, Santa Rosa Historical Society, SRC Tourist Development Council, BHST CSO  
Walt Schuman–BHST CSO, President

### Advisory Group Meeting Attendees:

Barbara Almario–Florida Fish and Wildlife Conservation Commission  
Caitlin Snyder–Florida Fish and Wildlife Conservation Commission  
Danny Dean–North West Florida Water Management District, Assistant Lands Manager for West Region  
Danny Jones– Florida Park Service, Bureau Chief, District One  
David Creamer–Florida Forest Service, Blackwater Forestry Center, Recreation Administrator  
Dusty Ford–Florida Fish and Wildlife Conservation Commission  
Ferland Hoover–Florida Park Service, Blackwater River State Park and BHST, Manager  
Gerard Greco–BHST staff  
Jason Tritt–Blackwater Soil and Water Conservation District, Staff  
Mack Thetford–Chairman of the Bicycle and Pedestrian Advisory Committee, BHST CSO, Associate Professor for the West Florida Research and Education Center  
Randy Roy– NAS Whiting Field, Community Liaison  
Richard Collins–former President of the BHST CSO

Shawn Ward—SRC, Transportation Planner, Development Division  
Tony Tindell—Florida Park Service, Assistant Bureau Chief, District One  
Vernon Compton—Project Director of the Long Leaf Alliance, Florida Trail Association, Santa Rosa  
Historical Society, SRC Tourist Development Council, BHST CSO  
Walt Schuman—BHST CSO, President

Advisory Group Meeting, unable to participate in the Advisory Group Meeting:

Al Melvin, Milton Resident and cyclist  
Dan Hipes, Florida Natural Areas Inventory, Chief Scientist  
Joshua Wilks, Blackwater River Foundation, Environmental Planner  
Honorable W.D. "Don" Salter, SRC Commissioner, District 3  
Shelia Harris—SRC Board of County Commissioners, Special Projects/Grants Assistant

Summary of all comments and course of action:

Prior to the meetings, two Advisory Group members' submitted comments which were discussed at the Advisory Group meeting and, as appropriate, corrections that occurred prior to the May 30, were incorporated into the PowerPoint presentation. Mr. Dan Hipes noted: Florida Natural Areas Inventory (FNAI) agrees with the goals, objectives, concepts, and intentions described in this plan; minor edits needed to occur; recommended inclusion of the past scoring results of the Level of Service (LOS) described in Section IV-A, 2.1.1 scoring on the BHST or describe a plan to measure it or regulate it; the blank in Section IV-A, Objective 3.2 is not explained; Section I-C was helpful in understanding how the BHST fits into regional recreational opportunities; the natural community and other natural resource sections are appropriately concise; thought it would be helpful for more detail and explanation in the "Activity" portion of the Goals, Objectives, and Activities section would be helpful for evaluating the proposed activity; Section IV-G, Partnerships and Regional Coordination, was helpful in highlighting the importance of these activities for the success of the BHST. Following Mr. Hipes comments, minor edits to the Plan occurred; Table 4 was added to reflect the LOS; the Plan was updated to note that Objective 3.2 will be determined by Activity 3.1.1; Mrs. Birdsong explained that in regards to the lack of detail in the Activity portion of Section IV-A, it is intended for the subsequent pages to elaborate on how the Goals, Objectives and Activities will be implemented. Mrs. Birdsong noted the format is consistent with both the Nature Coast State Trail, approved by the Acquisition and Restoration Council (ARC) on August 19, 2012 and the General James A. Van Fleet Management Plan, approved by the ARC on April 22, 2012 and requested specific direction.

Recommendations from Mr. Al Melvin were twofold, better promotion through expanded partnerships/events, expanded Trail connections and that both should be supported fully by the County Commission. First, Mr. Melvin noted the importance of the creating bicycle and pedestrian connections from the BHST to adjacent roadways, specifically from Munson Highway to Indian Ford Road and connecting the BHST to the BSF; and that requests to all state/local projects that jeopardize the integrity of the trail or cause temporary closures to be opposed. In terms of promotion and expansion of partnerships/events Mr. Melvin recommended the concession stand be expanded and improved to provide healthy, informal dining and snack options to help facilitate bringing more residents to the Trail; incorporate business sponsorship, which could include restaurants, bike shops, Adventures Unlimited, motels, acknowledgements into small mileage marker signs that could be spaced as close as every 1/10<sup>th</sup> of a mile and encourage sponsors to offer coupons offering discounts for their services and on concessionaire products; hold monthly or quarterly events/festivals along the trail that would attract vendors/artisans who would pledge a percentage of the proceeds from their activities to maintain and improve trail facilities; partner with health interest groups to use the BHST for fitness activities/events;

better coordination/more events with Florida Biking Association and similar organizations; recruit and expand the volunteer base to serve as hosts for long distance cyclists (e.g. those traversing Adventure Cycling Association's Southern Tier Bicycle Route) and to promote the services on web pages such as WarmShowers.org. Mr. Melvin expressed willingness to assist in promoting, coordinating and implementing these types of improvements. Members from the CSO expressed interest in reaching out to Mr. Melvin.

The Advisory Group reviewed and discussed Mr. Melvin's comments. As discussed, both SRC and the Florida-Alabama Transportation Planning Organization (FL-AL TPO) support connected and extended trail/bicycle-pedestrian connections. The FL-AL Bicycle Pedestrian Plan Addendum, adopted March 2012, identifies connectivity of the developing system. Map 1.5 illustrates Public Trail and Trail Connections. SRC provided additional maps for inclusion in the Plan that illustrates additional information; they were added as Maps 1.6 and 1.7. There was discussion regarding local tourism promotion and existing publications. Mrs. Birdsong reported that in addition to Florida Park Service directives, OGT is guided by Chapter 260, F.S and provided examples on activities including efforts on Publicizing and Promoting the Florida Greenways and Trails System [260.016(1)(a) & (d)]. Efforts include inclusion of the BHST on the National Recreation Trail webpage, TrailsLink.com, Visit Florida and Google. Updating the State Park webpage and BHST brochure is underway. Special events, such as the Bicycle Festival on May 12, 2012 were discussed Section IV-M provides information regarding Special Events. All promotion should adhere to Division policies and procedures and referred to the Operational Manual. During the Presentation, Mrs. Birdsong provided examples of existing BHST tourism materials.

Regarding Mr. Melvin's comment about expanded food options at the Visitor's Center, Mr. Compton said there could be healthier snack options but there in terms of informal dining, there are space limitations and there is not a kitchen. Mr. Collins reiterated the limitations of space. Others thought local businesses near the linear Trail offered economic opportunities to fulfill the need. Mr. Melvin's comments regarding adding sponsorship signs every 1/10<sup>th</sup> of a mile, the Advisory Group thought that to be too frequent. Mrs. Birdsong provided basic information about Senate Bill (SB) 268 and that rule development would occur through a public process. Mr. Jason Tritt inquired whether the Plan should include reference to SB 268. The Advisory Group determined that since the property was specifically identified in SB 268 but the Rule implementing the bill has yet to occur, the Plan would not speculate about the implications. Advisory Group members felt strongly that to the extent possible, efforts should be taken to prevent/limit/minimize signage (except where safety is improved) and advertisements. Dr. Thetford and others expressed concern that natural resources would be impacted. Specifically, attendees do not want trees to be cut to increase the visibility of advertising signage on or off the property. Mrs. Birdsong reiterated the management goals include resource protection and improvement; and that signage along the linear Trail must continue to adhere to Federal Highway Requirements which are provided in the Manual of Uniform Traffic Control Devices (MUTCD); Section III-A references resources that establish design criteria. Section IV-L elaborates on the potential to contract with private vendors and the Operational Manual provides additional information regarding concessionaire agreements.

An overarching topic of discussion at both meetings was the State Road (SR) 87 widening/expansion project. Mr. Richard Collins provided an overview of the proposed four lane roadway project and shared concern expressed by citizens attending the August/September roadway public meetings. Some attendees expressed concern about the project and stated that if SR 87 crosses the BHST, then 1) it should do so by grade separation 2) installing a box culvert for the Trail to pass under the roadway was insufficient and 3) an at-grade crossing would not be safe for BHST visitors. Mr. Mack Thetford reported

that approximately two months ago the Bicycle Pedestrian Advisory Committee (BPAC) requested the planning council to prepare a summary and provide a presentation of the current status of planning for the proposed roadway project. The BPAC also inquired how the project demonstrates responses to public concerns expressed about the design resulting in an at-grade crossing of the Trail. Furthermore, the BPAC expressed concern about the width of the proposed roadway segment, to be a four to six lanes wide. The Executive Summary indicates that monitoring the SR 87 project is identified as a management need, additional details are provided in Section III-B and Section IV-C.

Mrs. Birdsong explained the general process for any entity seeking to cross state lands; which includes either a Formal Upland Easement Application or a Formal Application for Land Exchange to be submitted in accordance with the process outlined by the Division of State Lands (DSL). Standard review for land exchanges involving conservation land is that the proposal must "...result in a net positive conservation benefit, regardless of appraised value". [Ch. 253.034(6), F.S. and Ch. 18-2.021(7)(e), F.A.C.]. Applications are reviewed by ARC and the Trustees. In addition to either Application process, Subsection 253.034(3), Florida Statutes states:

*In recognition that recreational trails purchased with rails-to-trails funds pursuant to s. 259.101(3)(g) or s. 259.105(3)(h) have had historic transportation uses and that their linear character may extend many miles, the Legislature intends that when the necessity arises to serve public needs, after balancing the need to protect trail users from collisions with automobiles and a preference for the use of overpasses and underpasses to the greatest extent feasible and practical, transportation uses shall be allowed to cross recreational trails purchased pursuant to s. 259.101(3)(g) or s. 259.105(3)(h). When these crossings are needed, the location and design should consider and mitigate the impact on humans and environmental resources, and the value of the land shall be paid based on fair market value.*

Mrs. Birdsong provided the group with examples from similar projects, reminded the group that equestrians would need to be safely accommodated and stated that in addition to state requirements, other regulations may also be a factor (e.g. funding sources used to develop the property). Mr. Schuman questioned potential impacts of the proposed roadway height to military functions. Mr. Collins said development of the Trail was funded through Intermodal Surface Transportation Efficiency Act and portions of the Trail were acquired by the General Service Administration. Mrs. Birdsong explained that roadways impacting conservation and recreation lands also need to satisfy the requirements of Section 4(f) of the USDOT Act of 1966 (23 CFR 774). Section 4(f) requires that Federal Highway Administration not support (including funding) roadway projects impacting public park, recreation, and wildlife lands, unless [a] there is no feasible and prudent avoidance alternative to the use of the land, and [b] the action includes all possible planning to minimize harm to the property resulting from use.

Mr. Walt Schuman noted the CSO would like to update the Agreement which was executed with the former manager, Office of Greenways and Trails (Appendix F) to an Agreement with the current manager, Florida Park Service. Other Advisory Group members concurred. Staff concurred this is a desirable action and steps will be taken to update the Agreement and noted until it is updated the language in the Plan is appropriate. Section IV-L was updated to reflect this will occur.

Mr. Schuman expressed support for a CSX crossing, south of the southern terminus of the Trail that would ultimately connect the Trail to the Bagdad Mill Site. Mr. Shawn Ward reported that following inclusion of the project on the OGT Acquisition Workplan, the County then entered into a preliminary engineering agreement with CSX, Inc. for the design of a pedestrian crossing and signal system. It was later announced that CSX, inc. would not grant the County right of way for the crossing therefore an

alternative (sidewalk) connection had to be selected along Old Highway 90. The trail project remains on the OGT Acquisition Workplan. The trail connection is described in Section I-D and illustrated by Maps 1.5 and 1.7. Mr. Vernon Compton reiterated the importance of the connection and recommended that regardless of the timeframe of obtaining legal access to the lands acquired through the Murphy Act, that those lands not be considered for surplus. Language was added to Executive Summary and Section 4-E to reflect the Murphy Act land could be important in implementing the regional vision of connecting the Trail to the Bagdad Mill Site, which would help facilitate the regional connectivity vision, and surplus of the land should be avoided if at all possible. Surplus language was removed from the Overview.

Mr. Ward reported on the Henry Street Transportation Enhancement Application that was submitted to the FL-AL TPO. Following the meeting, Mr. Ward provided additional information about the project which is requesting funding is for design of a sidewalk on both sides of Henry Street from the intersection of Canal Street, southward for 5,200 linear feet. Along this route there will be three existing bridges that require a Bridge Design Report to investigate the addition of a pedestrian crash barrier to separate traffic lanes from a pedestrian way or another means of water crossing. Once an appropriate pedestrian crossing method is identified, that method will need to be designed and permitted. Mr. Ward also reported on additional (sidewalk) connectivity to the Bagdad Mill Site. Mr. Ward also reported that in Bagdad Village, SRC has constructed sidewalks on the north side of Old Bagdad Highway for approximately 1,700 feet west of Henry Street and the City of Milton is currently constructing sidewalks at the northern end of the project termini along Canal Street. The Tourist Development Council has dedicated approximately \$300,000 to take care of the CSX crossing and signalization located along Henry Street adjacent to the Milton Historic Train Depot/Museum.

Mr. Randy Roy reported that additional lands had been acquired around Naval Air Station Whiting Field (NASWF) and that Map 1.5 and the information shown on B-24 should be updated accordingly. Mrs. Shelia Harris reported on fee simple and less than fee/easements SRC has successfully negotiated about NASWF. Following the meetings SRC provided Maps; the Plan was updated to include Maps 1.6 to 1.7 and appropriate references to them. Mrs. Birdsong provided the map to the Division of State Lands (DSL) and FNAI and inquired of the process of including the maps with Clear Creek/Whiting Field project information. DSL reported that following the meeting, they had also discussed the information with Mr. Roy. FNAI provided a map dated October 2011, to replace the earlier map dated September 2010 contained as Appendix B-24. It is unclear whether all parcels illustrated by Map 1.6 would be included in the FNAI database. Mr. Roy reported that the Clear Creek/Whiting Field project is included in the top ten for Florida Forever acquisitions. Both the military and SRC has matching funds for the project. Mr. Roy reported that public access should be a component of all negotiated parcels around NASWF. Ms. Harris reiterated the room for growth in partnering with SRC for acquiring additions within the Clear Creek/Whiting Field Florida Forever project boundary.

Mrs. Birdsong reported that her understanding is that DSL are pursuing parcels, and that negotiating public access in both fee simple and less than fee/easements is important. Mrs. Birdsong also reported that during an Acquisition and Restoration Council (ARC) meeting Lieutenant Governor Jennifer Carroll encouraged ARC to continue to making projects buffering military installations a priority. Mr. Roy stated the 326 acre parcel on the western side of Highway 87, on the Florida Forever Work Plan, is an important addition and should be pursued. Dr. Thetford stated that the Blackwater River Foundation is a willing manager for the parcel. In regards to easements, Mrs. Birdsong provided information about the Designation program that could provide liability protection to private land owners. Language was added to Section IV-D and IV-L to reflect that lands acquired around NAS Whiting Field are also appropriate for Designation. Language was also added to reflect the potential of establishing legal access to the Tract via



lands acquired by SRC. Mr. Roy noted that although the information presented in Section III-C is accurate, that since the 2006 memorandum was executed between the Military and FDEP the Military has been able to contribute a 50 percent match.

In terms of future trail connectivity, Mr. Compton stated that the connection along the northeast side of NASWF, from the Military Heritage Trail (MHT) to the NASWF golf course is nearly complete. This led to a discussion of the potential future boardwalk connection, near Highway 87A, that would help to facilitate a connection from the MHT to the BSF.

Ms. Barbara Almario inquired why OGT is no longer the manager of the BHST. Mrs. Birdsong reported that OGT was merged into the DRP. As part of the merger to increase efficiency, lands previously managed by OGT transferred to the respective DRP district. OGT continues to sublease lands, such as the Bagdad Mill Site, to local governments.

Mr. Compton was pleased to learn that management intends to record the historic railroad with the Florida Department of State, Florida Master Site File and inquired whether management intended to pursue inclusion of the historic railroad as a resource on the National Register of Historic Places (NRHP) because it connects two resource groups 1) SR 01786, Naval Air Station Whiting Field and 2) SR00394, Milton Historic District (listed on the NRHP). Management had not contemplated pursuing the NRHP. Following the meeting Mrs. Birdsong contacted Mr. Robert Jones of the Florida Department of State, Bureau of Historic Preservation. Mr. Jones stated a railroad corridor could qualify for NRHP if elements, proportions and the character, such as trestles of a railroad bed remain. However, a flat/level route that has been graded, adjusted for standard lane widths and that looks and feels like a "sidewalk" does not convey the character of a railroad. In addition to assuring the integrity of resources in NRHP, nominations include the historical significance of the resources.

Regarding invasive/exotic species, Ms. Almario reported that mimosa is present along the Trail. Mr. Gerard Greco concurred. In eradicating invasive/exotic species, Ms. Almario stressed the importance of partnerships and education. In addition to posting information in kiosks, the educational component should include outreach to neighboring property owners. Ms. Almario noted the Plan refers to BPIM, which no longer exists. Although BPIM was written as past tense, to avoid confusion the language was deleted. Ms. Almario noted that early detection is essential to successful eradication and that collaboration with partnerships such as the Gulf Coastal Plain Ecosystem Partnership (GCPEP) and the Florida Invasive Species Partnership's Cooperative Invasive Species Management Areas (CISMAs) should be pursued. Section IV-J includes information related to management of exotic/invasive species; educational outreach to neighboring property owners and pursuing partnerships was added to the Plan. Ms. Almario noted that evidence of feral hogs have been seen on the property. Mr. Greco concurred. Ms. Almario recommended that management of native species could be improved if safety information was provided to the public for encounters with native species, such as snakes and bears. Language was added to Sections II-G, IV-J and M.

Ms. Almario noted that Section IV-J, Hydrology/Water Management should recognize additional examples such as methods identified by Clemson University. The Plan was updated to reflect that management pursues controlling water impediments with industry standards, which is not limited to the method identified by UF. Ms. Almario also noted erosion occurring near the Creek on the southern section of the Trail. Mr. Compton noted the area may be impacted by the Florida Department of Transportation (FDOT). Ms. Almario thought it may be from visitors accessing the water from the Trail. Mr. Greco stated management is aware of the area and is coordinating maintenance activities with

FDOT. As identified in Activity 6.1.1, management will continue to monitor and maintain all facilities for visitor impacts. Additional language was added to Section III-D and IV-J.

Ms. Almario noted the Plan only provided comprehensive information on imperiled and invasive species. She requested that a comprehensive listing of wildlife be included in the Plan. Although management is aware of some species and can speculate that other species are present; a wildlife inventory has not occurred on the BHST. Management looks for ways to partner with wildlife experts and should individuals or entities express interest in conducting this field analysis, volunteer opportunities exist. Mrs. Birdsong noted that known species were included in Section II, Listed Species. Additionally, the FNAI report (Appendix B) in documented element occurrences on or near the management unit. However, a baseline study to determine the presence of the species has not occurred.

Mr. Danny Dean noted a typographical error in Section IV-J's reference to the Northwest Florida River Management District. It was corrected. Members noted there were other minor errors but did not specifically identify them. The Plan has been reviewed for content and proofed by multiple DEP staff.

Advisory Group members requested additions and changes to Section I-C including: Carpenter Park is managed by the City of Milton as opposed to Santa Rosa County; add Russell Harber Landing (Dog Park); add the Hawkins Recreational Park; add the Longleaf Trail; and add the Blackwater River Water Management Area (BRWMA). Although the BRWMA was already included, the language was changed to show the additional connectivity provided via the Longleaf Trail and references to the Blackwater River Watershed. Additionally the BRWMA was added to the Water Resources Section. Sections I-C, II-B and IV-G and Map 1.6 was updated.

Dr. Thetford recommended that an additional partnership be identified between DRP and Universities such that appropriate students are able to provide assistance in developing baseline studies because of the unique transect of linear Trail. Dr. Thetford said that as an associate professor of Environmental Horticulture at the West Florida Research and Education Center in Milton, his students would be able to help identify what is on the ground verses the database outputs that is currently being used. Management noted the lack of programmatic funds and looks to partner with experts to implement resource management protection and improvement. Language was added to IV-I.

# **APPENDIX J**

## **Ten-year Implementation Schedule and Cost Estimates**

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<b>Resource Management</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>TOTALS</b>
Activity 1.1.1 – Update the prescribed burn plan to determine the total number of burnable acres and the target fire return interval.		\$1,600									\$1,600
Activity 1.2.1 – Manage fire dependent communities for ecosystem function, structure and processes by implementing the prescribed burn plan and annually document the total number of acres within the target fire return interval.			\$6,350	\$6,350	\$6,350	\$6,350	\$6,350	\$6,350	\$6,350	\$6,350	\$50,800
Activity 1.3.1 – Update the natural community improvement plan/baseline report/study of the property to determine acreage requiring habitat/natural community improvements or restoration, including timber harvest for forest stand thinning, delineate protection zones and target areas.		\$1,600									\$1,600
Activity 1.3.2 – Implement a natural community improvement plan by removing overgrown understory vegetation or undesirable successional species where necessary while annually documenting the total number of acres with habitat restoration underway and the total number of acres with habitat restoration complete.		\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$4,500
Activity 1.4.1 – Implement mechanical thinning of stands and annually document the total number of acres of timber harvested.			Fiscal year to be determined. Cost may be off-set by Section 259.032(11)(d), F.S.								TBD
Activity 3.1.1 – Work with the Northwest Florida Water Management District, the Florida Department of Environmental Protection’s Watershed Management Office, other agencies and private interest groups to conduct a hydrological assessment to determine the feasible acres to restore.	\$700	\$700									\$1,400
Activity 3.2.1 – Cooperate with partnering agencies to monitor hydrologic flow patterns and improve water quantity and quality. Management will maintain an annual report of the total acres with hydrological restoration underway.			\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$700	\$5,600
Activity 4.1.1 – Work with partnering agencies to develop a silviculture management plan for the Clear Creek/Whiting Field Tract.		\$1,600									\$1,600
Activity 4.2.1 – Develop and maintain the GIS database of the Forest Inventory of resources.	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$1,000
Activity 4.2.2 – Annually report the total number of acres of forest maintained as planted pine.	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$100	\$1,000
Activity 5.1.1 – Complete the baseline study to determine the presence, location and density of exotic and invasive plants. And Activity 5.3.1 – Complete the baseline study to determine the presence, location and density of exotic and invasive animals.	\$1,600										\$1,600
Activity 5.2.1 – Implement the exotic plant management work plan and annually report the acres treated. (Note: Number calculated based on 60 acres treated by in house maintenance. This amount may change due to the baseline study of total occurrences and needs.)	\$7,560	\$7,560	\$7,560	\$7,560	\$7,560	\$7,560	\$7,560	\$7,560	\$7,560	\$7,560	\$75,600
Activity 5.4.1 – Implement the exotic and nuisance animal species work plan and annually report numbers for which control measures have been implemented.	Cost to be determined by the baseline study of occurrences										TBD
Activity 7.1.1 – Record one known, unrecorded site (the historic railroad).		\$160									\$160
Activity 7.1.3 – Ensure the trail manager has participated in the Archaeological Resources Monitoring (ARM) Training for state land managers.		\$300									\$300
Activity 7.2.1 – Complete assessments/evaluations of archaeological/historical resources and prioritize preservation/stabilization projects. (Note: Currently, the historic railroad is the only known resource: it is stable.)			As needed								TDB
Activity 7.3.1 – Develop and implement monitoring program for known cultural/ historical resources. (Note: Currently, the historic railroad is the only known resource: it is stable.)	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$200
Activity 8.1.1 – Complete the update to the baseline imperiled species occurrence inventory list.	\$1,600										\$1,600
Activity 8.2.1 – Design regular monitoring program for imperiled plant species.		\$800	\$800								\$1,600
Activity 8.2.2 – Design regular monitoring program for imperiled animal species.		\$800	\$800								\$1,600
Activity 8.3.1 – Implement regular monitoring program for each imperiled plant species to ensure the viability of the populations, map occurrences and report identified species to partner agencies.	Cost to be determined by the baseline study of occurrences, estimated total cost \$7,000.										\$7,000
Activity 8.3.2 – Implement regular monitoring program for each imperiled animal species to ensure the viability of the populations, map occurrences and report identified species to partner agencies.	Cost to be determined by the baseline study of occurrences, estimated total cost \$7,000.										\$7,000
<b>Total Cost of Resource Management (10 years)</b>											<b>\$88,560</b>

<b>Visitor Services/Recreation</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>TOTALS</b>
Activity 2.1.1 – Monitor visitation rates.	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$3,250
Activity 2.2.1 – Secure legal access to the 2007 and 2010 acquisitions that are included in this management unit.	Cost and fiscal year to be determined.										TBD
Activity 2.2.2 – Develop a Recreation Site Plan. (Note: To be implemented by Activity 6.2.1.)			\$20,000								\$20,000
Activity 2.2.3 – Develop an Outdoor Interpretive Site Plan. (Note: To be implemented by Activity 6.2.2 and 6.3.1.)				\$20,000							\$20,000
Activity 2.3.1 – Continue to provide a trail brochure, trail signage, trail maps and information posted at kiosks.	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$10,000
Activity 2.4.1 – Work with partners to develop interpretive information regarding natural and cultural resources.					\$5,000						\$5,000
<b>Total Cost of Visitor Services/Recreation (10 years)</b>											<b>\$58,250</b>

<b>Capital Improvements</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>TOTALS</b>
Activity 6.1.1 – Monitor and maintain all facilities for visitor impacts.	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$120,000
Activity 6.1.2 – Monitor and maintain all facilities for environmental impacts.	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$9,600	\$96,000
Activity 6.2.1 – Once legal access is secured to the lands acquired in 2007 and 2010, establish public access by implementing the Recreation Site Plan (Note: As determined by Activity 2.2.2.)	Cost and fiscal year to be determined.										TBD
Activity 6.2.2 – Once legal access is secured to the lands acquired in 2007 and 2010, implement the Outdoor Interpretive Site Plan. (Note: Cost estimate is based on the cost of three Interpretive Kiosks and will be modified pending recommendations of the Outdoor Interpretive Site Plan/Activity 2.2.3.)					\$12,000	\$12,000	\$12,000				\$36,000
Activity 6.2.3 – Expand maintenance activities for new facilities.	Cost and fiscal year to be determined.										TBD
Activity 6.3.1 – Improve existing facilities, roads and trail as needed. (Note: As determined by the Recreation Site Plan/Activity 2.2.2.)	Cost and fiscal year to be determined.										TBD
Activity 7.3.2 – Develop and implement a cyclical maintenance program for each known cultural/historical resource. (Note: Currently the only known resource is the historic railroad and it is stable.)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Cost of Capital Improvements (10 years)</b>											<b>\$252,000</b>

**Law Enforcement: Law enforcement activities in Florida State Parks are conducted by the DEP Division of Law Enforcement and by local law enforcement agencies.** **\$0**

<b>Administrative Support</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>TOTALS</b>
Activity 9.1.1 – Continue day to day administrative support at current levels.	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$50,000
Activity 9.1.2 – Expand administrative support as new lands are acquired, new facilities are developed or as other needs arise.	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$10,000
Activity 9.1.3 – Provide for safe vehicle operation.	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$3,000
Activity 9.1.4 – Provide and maintain equipment.	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$10,000
Activity 9.1.5 – Provide staff salaries and benefits.	\$20,000	\$20,000	\$20,000	\$20,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$230,000
<b>Total Cost of Administrative Support (10 years)</b>											<b>\$303,000</b>

<b>Resource Management (10 years)</b>	\$88,560
<b>Administrative Support (10 years)</b>	\$303,000
<b>Capital Improvements (10 years)</b>	\$252,000
<b>Visitor Services/Recreation (10 years)</b>	\$58,250
<b>Law Enforcement (10 years)</b>	\$0
<b>TOTAL</b>	

**Estimated Manpower and Expense Cost (10 years), Does not include unknown costs to be determined by additional reports/studies** **\$701,810**