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# General James A. Van Fleet State Trail Management Plan

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State Lease #3910

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Management Plan Approval Date: 4/23/2012

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Photo by Charlene Wilson

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# LAND MANAGEMENT PLAN EXECUTIVE SUMMARY

**Lead Agency:** Florida Department of Environmental Protection  
Division of Recreation and Parks District 3  
Lake Louisa State Park

**Property Common Name:** General James A. Van Fleet State Trail (VFST)

**Location:** Sumter, Lake and Polk counties

**Total Acreage/Mileage:** 422.2 acres; 29.2 miles

**Acreage/Natural Communities:**

94 acres – Mesic Flatwoods	8 acres – Basin Marsh
54 acres – Mixed Hardwood – Coniferous	7 acres – Basin Swamp
46 acres – Cropland/Pasture	6 acres – Depression Marsh
45 acres – Cypress	5 acres – Residential, Med. Density
27 acres – Other Wetland Forested Mixed	5 acres – Wet Prairie
18 acres – Shrub and Brushland	3 acres – Floodplain Swamp
17 acres – Mixed Wetland Hardwoods	3 acres – Rural Open
15 acres – Upland Hardwood Forest	2 acres – Dome Swamp
14 acres – Freshwater Marshes	2 acres – Transportation
12 acres – Low Structure Density	1 acre – Orchards/Groves
10 acres – Coniferous Plantations	1 acre – Utilities
10 acres – Other Coniferous Wetlands	1 acre – Wet Flatwoods
9 acres – Bare Soil/Clear Cut	

**Lease Number:** 3910

**Use:** Single Use–Recreation

**Management Responsibility:**

Lessor: Board of Trustees of the Internal Improvement Trust Fund of the State of Florida  
Lessee: Department of Environmental Protection, Division of Recreation and Parks

**Encumbrances:** Sublease of 0.13 acres to City of Polk City for Skate Park

**Type Acquisition:** Fee Simple

**Unique Natural Features:** No significant natural features located within the trail corridor. However, the VFST traverses scenic natural areas such as the Withlacoochee State Forest and the Green Swamp, which provide outstanding vistas of pasturelands, swamp lakes, floodplain forests and numerous swamp areas.

**Archaeological/Historical:** Historic Rail Corridor; Historic Railroad Markers

**Management Needs:** Baseline study to determine acreage requiring habitat/natural community improvement; baseline study to identify potential hydrological restoration needs; baseline study to determine the presence, location and density of exotic and invasive plants; inventory and research of railroad mile markers; complete development of Bay Lake Trailhead; install restroom one-half mile north of Polk City Trailhead; complete replacement of Bridge #9, funding to replace wooden bridges #1, 6, 7, and 8; funding to repave the Trail; funding for trail maintenance facility and funding for park ranger residence.

**Surplus Lands:** None

**Needs/Acreage:** None

**Public Involvement:** Pursuant to s. 259. 032(1), F.S., Advisory Group and Public meetings were held October 5, 2011, in Polk City.

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

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ARC Approval Date: \_\_\_\_\_

Trustees Approval Date: \_\_\_\_\_

Comments: \_\_\_\_\_

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# OVERVIEW

The General James A. Van Fleet State Trail (VFST) is a 29.2 mile, 12-foot-wide, paved multi-use recreational trail stretching from Mabel to Polk City crossing through Sumter, Lake and Polk counties. A natural surface equestrian trail parallels the paved trail on the eastern side. The VFST is an important component of the Florida Greenways and Trails System, and is also designated as a National Recreational Trail. Current uses of the trail corridor include walking/hiking/jogging, bicycling, inline skating, geocaching, picnicking and horseback riding. There is a skate park managed by Polk City located within the corridor.

There are four trailheads that provide access to the Trail: Mabel Trailhead in Sumter County (Webster), Bay Lake Trailhead in Lake County (Groveland) and the Green Pond and Polk City Trailheads in Polk County (Polk City). The Mabel Trailhead has a hardened parking area, a restroom facility, a picnic pavilion and an equestrian staging area and corral. The Bay Lake Trailhead is currently under development and will have a paved parking area, a restroom facility and a picnic pavilion. The Green Pond Trailhead has a hardened parking area, a restroom facility and a picnic pavilion. The Polk City Trailhead has a hardened parking area and a picnic pavilion. A vault restroom will soon be placed one-half mile north of the Polk City Trailhead. (Maps 1, 2.1 & 2.2)

The VFST property was the second negotiated purchase under the former Rails-to-Trails Program. The purpose of the program, and acquisition of the property, was to acquire and develop abandoned railroad rights-of-way for public recreational trail use. The Board of Trustees of the Internal Improvement Trust Fund (Trustees) obtained fee simple title to the abandoned rail right-of-way on December 12, 1990. About 20 miles of the VFST was officially opened for public use in October 1992. The remainder of the Trail was open to the public in February 1993. The property is managed by the Florida Department of Environmental Protection's Division of Recreation and Parks, via lease #3910.

The majority of the VFST is adjacent to or within the Green Swamp Area of Critical State Concern (ACSC), designated by the Florida Legislature in 1974. The Green Swamp is a complex, integrated and delicate natural system of cypress swamps, hardwood forests, marshes, pine flatwoods and sandhills. The Green Swamp houses the headwaters for much of Central Florida's water supply, containing tributaries which become the Withlacoochee, Ocklawaha, Hillsborough and Peace rivers. The Trail crosses the Withlacoochee River in Lake County. All waters in the unit are designated as Outstanding Florida Waters (OFW) pursuant to Chapter 62-302, Florida Administrative Code (F.A.C.). In addition to their prominent role as a water source, these rivers provide outstandingly beautiful recreational opportunities for canoeists and kayakers.

The VFST is one of Florida's most rural trails, with some parts of the Trail being quite remote and isolated. Bordered by the Green Swamp and the Withlacoochee State Forest, the VFST offers a unique opportunity for bicyclists, equestrians and pedestrians to experience these scenic and distinctly diverse natural areas. Forested floodplains, open marshland, meadowlands and pine flatwoods provide a representative sampling of central Florida's original natural state and greatly enhance the aesthetic qualities of this virtually straight line rail-trail.

Florida Natural Areas Inventory (FNAI) data indicate a federally listed plant species, Cooley's water willow (*Justicia cooleyi*), and two state-listed species, the terrestrial peperomia (*Peperomia humilis*) and the sand butterfly pea (*Centrosema arenicola*), present on or near the site (Appendix G). The 1999 land management plan for VFST reported one designated plant species, the royal fern (*Omura:1a regalia*, commercially exploited), known to occur near the trail right-of-way.

FNAI data also indicate a federally listed animal species, the Eastern indigo snake (*Drymarchon couperi*), and a state-listed species, the gopher tortoise (*Gopherus polyphemus*), present on or near the site. The gopher tortoise, Sherman's fox squirrel, Eastern indigo snake and Eastern diamondback rattlesnake are known to be onsite. Other animal species known to sometimes appear on the trail right-of-way include: the American alligator, little blue heron, white Ibis, southeastern American kestrel, Florida sandhill crane, river otter, bobcat, and Florida black bear.

The VFST is located in a former rail corridor, which has historical significance in the development of Sumter, Lake and Polk counties. There are four known railroad markers which are thought to have been placed when the railroad was built in the 1920s that show the mileage to the railroad hub in Richmond, Virginia.

Management needs include: Baseline study to determine acreage requiring habitat/natural community improvement; baseline study to identify potential hydrological restoration needs; baseline study to determine the presence, location and density of exotic and invasive plants; inventory and research of railroad mile markers; complete development of Bay Lake Trailhead; install restroom one-half mile north of Polk City Trailhead; complete replacement of Bridge #9, funding to replace wooden bridges #1, 6, 7, and 8; funding to repave the Trail; funding for trail maintenance facility and funding for park ranger residence.

# I. INTRODUCTION

## A. Location of Property

The common name of the property is the General James A. Van Fleet State Trail (VFST). The VFST is a 29.2-mile paved multi-use trail, with an adjacent natural surface equestrian trail, that traverses Sumter, Lake and Polk counties, from Mabel to Polk City (Map 1). The Trail is located adjacent to the Green Swamp Area of Critical State Concern (ACSC), designated by the Florida legislature in 1974. A portion of the Trail is located within the ACSC boundary. A full legal description can be found in Appendix A. There are currently four trailheads (Maps 1, 2.1 & 2.2), which provide access to the VFST as follows:

Sumter County:

Mabel Trailhead located at 7981 CR 772, Webster, FL 35597

Lake County:

Bay Lake Trailhead located at 7500 Bay Lake Road, Groveland, FL 34736

Polk County:

Green Pond Trailhead located at 4903 Green Pond Road, Polk City, FL 33868

Polk City Trailhead located at 7683 Berkley Road, Polk City, FL 33968

## B. Land Acquisition History and Ownership

The VFST property was the second negotiated purchase under the Rails-to-Trails Program, created by a March 4, 1986 resolution of the Governor and Cabinet, and included in statute by the 1987 Florida Legislature. The purpose of the program, and acquisition of the property, was to acquire and develop abandoned railroad rights-of-way for public recreational trail use.

On December 12, 1990, the Board of Trustees of the Internal Improvement Trust Fund (Trustees) obtained fee simple title to 372.43 acres, which was the majority of the abandoned rail right-of-way stretching from Mabel to Polk City through Sumter, Lake and Polk counties. The corridor was purchased from CSX Transportation, Inc. for \$531,998 with funds from the state's Preservation 2000 Program.

On March 5, 1991, the Trustees conveyed management authority of the property to the Florida Department of Environmental Protection (FDEP), Division of Recreation and Parks (DRP), under lease number 3910 (Appendix A.1). The term of the lease expires March 19, 2041.

At the time of the original purchase, there were several parcels of land in Lake County that had been acquired by the predecessor railroads to CSX that were subject to reversionary interests to the grantors. Because of the reversionary interest, these parcels were excluded from the acquisition. However, after further research, it was determined that there was sufficient root of title to allow a Marketable Record Title Act defense. As a result, an additional 49.77 acres were acquired by the Trustees through a quit claim agreement signed by CSX on June 25, 1997 (Appendix A.2).

Management of the VFST was transferred from DRP to the Office of Greenways and Trails (OGT) under the existing lease through an agreement signed February 4, 2004 (Appendix A.3).

On August 24, 2004, an additional 149.10 acres of citrus grove was deeded to the Trustees by Michael Rae Langley and subsequently added to the VFST lease. However, on January 28, 2011, the grove was released from the VFST lease and transferred to the Lake Louisa State Park lease (Appendix A.4).

On July 29, 2009, the FDEP Division of State Lands, Office of Environmental Services, acting as agent for the Trustees, approved an amendment to the General James A. Van Fleet State Trail Management Plan which allowed a skate park at the Polk City Trailhead. On September 8, 2009, the FDEP Office of Greenways and Trails entered into a long-term sublease agreement (3910-001) with the City of Polk City to allow them to develop and manage a skate park on 0.13 acres (Appendix A.5).

On July 1, 2011, OGT merged with the Division of Recreation and Parks (DRP). As part of that merger, management oversight for the VFST shifted back to Lake Louisa State Park and DRP District 3, effective November 1, 2011.

### **C. Management Authority**

The property is managed by the Division of Recreation and Parks located within the Florida Department of Environmental Protection, via lease #3910 (Appendix A). Polk City manages the skate park, via sublease 3910-001 (Appendix A.5).

### **D. Nearby Public Lands and Designated Water Resources**

Much of the VFST runs through the 560,000 acre Green Swamp. The Green Swamp is a complex, integrated and delicate natural system of cypress swamps, hardwood forests, marshes, pine flatwoods and sandhills. The Green Swamp houses the headwaters for much of Central Florida's water supply, containing tributaries which become the Withlacoochee, Ocklawaha, Hillsborough and Peace rivers. In addition to their prominent role as a water source, these rivers provide outstandingly beautiful recreational opportunities for canoeists and kayakers.

The Southwest Florida Water Management District (SWFWMD) purchased 110,000 acres of the Green Swamp, known as the Green Swamp Wilderness Preserve, to keep the land and water protected for future generations. In addition, the SWFWMD has protected an additional 6,000 acres through the purchase of conservation easements. Within this Preserve is the Green Swamp Wildlife Management Area, which is managed by the Florida Fish and Wildlife Conservation Commission (FFWCC).

Also adjacent to the VFST is the Withlacoochee State Forest (WSF), which is the third largest state forest in Florida at 157,479 acres. A variety of tree species create dense woodlands and canopy trails in the WSF. Species found include slash pine, longleaf pine, pond cypress, bald cypress and a mixture of oak, maple, southern magnolia, gum and hickory. Spring and fall visitors find abundant wildflowers including goldenrod, thistle and blazing star. The WSF has several waterways which flow through different portions of the property, including the Withlacoochee River, Little Withlacoochee River and Jumper Creek, all of which have been designated as Outstanding Florida Waters. The most notable is the Withlacoochee River which meanders through 13 miles of the forest. Within the WSF and adjacent to the Trail is the Richloam Wildlife Management Area, which is also managed by the FFWCC.

The Withlacoochee River, which traverses 70 miles from the Green Swamp in Northern Polk County to the Gulf of Mexico at Yankeetown, crosses under the VFST in Lake County.

Refer to Map 3 to view the location of these, as well as other, nearby public lands.

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

There are presently no lands associated with this property that should be declared surplus.

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

There are presently no other parcels within or immediately adjacent to the property that should be purchased because they are essential to management of the property.

## **G. Regional Significance/Connectivity**

The major components of the Florida Statewide Greenways and Trails Program are established by a legislatively adopted plan. The foundation for the plan's development consisted of various legislative actions and efforts that occurred throughout more than 20 years prior to its adoption in 1999. As part of the Florida Greenways and Trails Program, recreational connections have been mapped and prioritized, as the basis for developing and evaluating acquisition projects and setting the statewide vision for a connected trails system. The VFST is within a High Priority Multi-Use Corridor on the Recreational Trail Prioritization Map (Map 4). The VFST was formally designated as part of the statewide Florida Greenways and Trails System on January 22, 2002. It has the additional distinction of being recognized at the national level. U.S. Secretary of the Interior, Gale Norton, designated the VFST as a National Recreational Trail in June 2002.

Regionally, the VFST has been incorporated into the Multi-Use Trail Element of the West Central Florida Metropolitan Planning Organization Chairs Coordinating Committee (CCC), which serves as the foundation for regional coordination and inter-jurisdictional review of bicycle and pedestrian issues for Citrus, Hernando, Pasco, Pinellas, Hillsborough, Manatee, Sarasota and Polk counties. The element demonstrates the CCC's desire for an ongoing regional multi-modal planning program for major bicycle and pedestrian facilities for the region. Additionally, the VFST is included in the long range transportation plan developed by the Polk Transportation Planning Organization and the Lake-Sumter Metropolitan Planning Organization, respectively.

On a local level, the VFST is included in the Trail Master Plans for Lake and Polk counties and is an integral part of the local trail systems. While Sumter County does not have a Trail Master Plan, the VFST plays a key role in the Scenic Sumter Heritage Byway Plan to create a nationally recognized byway, showcasing the natural, scenic, recreation and heritage resources of Sumter County. In 2009, the U.S. Census estimated the population of Sumter County as 77,681; the population of Lake County as 312,119; the population of Polk County as 583,403. The estimated total population of the three counties is 973,203 residents (Appendix B).

To the South, the VFST has been extended through Polk City to the City of Auburndale, approximately six and one-half miles.

To the East, in Polk County, at Deen Still Road, the "Green Swamp East" segment of the Florida Trail connects to the VFST, and follows it for several miles before returning to rural roads up to the entrance of the Green Swamp East Wildlife Management Area.

In Lake County, the proposed 22.6 mile South Lake Trail will ultimately provide a key connection between the VFST and the 22 mile West Orange Trail. Nine miles currently exist and the right-of-way acquisition for the section of the South Lake Trail from Clermont to Groveland is currently under way with construction funded in FY 12/13.

Sumter County is scheduled to develop a Trails Master Plan in FY 13/14, and a northern expansion of the VFST is expected to be part of that plan.

A western connection to the Withlacoochee State Trail remains a priority.

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

This document represents the ten-year update to the General James A. Van Fleet State Trail Management Plan (Plan), which was approved December 9, 1999. Serving as the basic statement of policy and direction, it replaces the 1999 plan in its entirety.

The Plan describes the setting, natural resources and intended management of the property. Acquired through the Preservation 2000 program, the general management and use of the land are directed by the statutes and rules of that program. Additionally, management of the property is guided by the purpose and intended use for which it was purchased.

This Management Plan is submitted by DRP for review by the Florida Board of Trustees of the Internal Improvement Trust Fund (Trustees) through the Florida Department of Environmental Protection, Division of State Lands (DSL). It is intended to comply with terms of lease #3910; Chapters 253, 259 and 260, Florida Statutes (F.S.); and Chapters 18-2 and 18-23, Florida Administrative Code (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. The Plan complies with the State Lands Management Plan adopted by the Trustees on March 17, 1981.

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.

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

The efforts of the Office of Greenways and Trails (OGT) are guided by Chapter 260, F.S., the Florida Greenways and Trails Act. The mission of OGT is “to establish a statewide system of greenways and trails for recreation, conservation and alternative transportation purposes.” The VFST is managed to conserve and protect the natural resources of the area and to provide public recreation and alternative transportation opportunities consistent with the protection of natural resources.

The Plan is in compliance with the State Comprehensive Outdoor Recreation Plan (SCORP) by providing “resource based” outdoor recreation. The purpose of the SCORP is to guide 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 is in compliance and consistent with the goals and policies of the Sumter, Lake and Polk County comprehensive plans (Appendix C).

## II. NATURAL, CULTURAL AND HISTORICAL RESOURCES

### A. Climate

The VFST is located in the humid subtropical zone (Köppen climate classification: *Cfa*). The National Climatic Data Center maintains a station in Winter Haven, which is the closest one to the Trail with complete data for a 30-year period, 1971-2000 (Appendix D).

During this period, on average, the coolest months were December through February, and the warmest months were July through September. The annual average monthly high was 84°F, and the average annual monthly low was 62.5°F. The highest recorded temperature was 103°F and the lowest recorded temperature was 19°F.

During the same period, the wettest months were June through September with an average monthly precipitation of 7.18 inches. The annual average rainfall was 50.22 inches.

### B. Area Physiography

#### *Topography and Geomorphology*

The VFST is located within the boundaries of the Green Swamp, which itself is situated within two provinces of the Central Highlands region. The northernmost segment of the Trail, in Sumter County, lies within the Western Valley geomorphic province. The topography along this portion of the Trail corridor is flat, with elevations ranging between 90-100 feet above mean sea level (MSL). The southern sections of the Trail, in Lake and Polk counties, occur within the Lake Upland geomorphic province. This geomorphic province is a region of ancient beach ridges that have been modified by subsidence due to the dissolution of the underlying limestone substrate. The topography of this area is characterized by sloughs, wet flatwoods and scattered sinkholes. The Trail first enters this geomorphic province at Carter's Island, a small plateau surrounded by lowlands that is named for its previous owner and its similarity to a land island. It is located at a point along the Trail where the VFST property expands eastward to encompass about 53 acres of upland mixed forest. Some of Carter's Island on the east side of the Trail is included in the VFST lease. Elevations in this region range from approximately 108 feet above the MSL at the Lake-Polk County line to approximately 130 feet above the MSL north of Polk City (J. Arthur 1992).

Since the Trail is established on a railroad grade, it is virtually flat along its entire length though the elevation changes by a total of 30 feet over the length (a rise of less than 1 foot per mile). The topography along the Trail corridor has been altered in many places. Some of this alteration is attributable to the construction of the railroad bed and accesses to the railway; some is due to power line construction. Past construction activities include dredging and filling needed to provide drainage and grade.

#### *Geology*

Regional underlying deposits include the Wicomico, Bronson graben and Pamlico deposits, Ocala Group. The Trail corridor occurs along a geologic feature known as the Ocala Platform, a structural high that influenced the deposition of phosphate-bearing deposits in the Miocene Epoch (23.03 to 5.3 million years ago). Generalized stratigraphy of the area from oldest to youngest is as follows:

The basement rocks of this area are comprised of granitic igneous rocks from the Late Precambrian to Early Paleozoic, at a depth of 6,000-7,500 feet below MSL. This layer is overlain by carbonates and clastic materials from the Upper Jurassic to Middle Eocene. The depth of this layer varies from approximately 4,500 feet back beneath Sumter County to approximately 5,800 feet thick beneath northern Polk County. The next superimposed layer is an Avon Park Formation, from the Middle Eocene. The top of this formation varies from approximately 60 feet below MSL in southern Sumter County, to approximately 110 feet below MSL in northern Polk County. The thickness of this formation ranges from 1,300 feet to 1,500 feet, respectively. The substrate is comprised of a tan to brown silk-sized dolostone with occasional organic-rich laminations. Fossils in this formation include foraminifera such as *Dictyoconus* sp.

The Ocala Group from the Upper Eocene overlays the Avon Park Formation, and ranges from 60 to 80 feet above MSL in Sumter County, to 10 feet above the MSL in northern Polk County. The average thickness of this group is 120 feet. This substrate is comprised of a white to very pale orange limestone ranging in texture from chalky to somewhat grainy. Fossils found in this group commonly contain foraminifera such as miliolids and *Lepidocyclina* sp.

Although the sands and clays of the Pliocene and more recent periods of time overlay the limestone of the Ocala Group in southern Sumter County, the Ocala Limestone of southern Lake and northern Polk counties is overlain by Miocene Hawthorn Group sediments. These sediments are composed of phosphate rich siliciclastics of the Peace River Formation. This group contains a variable but wide array of vertebrate fossils, with shark teeth being the most abundant representative. The top of the Peace River Formation occurs at 20-30 feet above MSL and is approximately 25 feet thick (J. Arthur 1992).

The Trail lies within the Green Swamp, which is the region of the highest potentiometric surface of the Floridan Aquifer in the Florida peninsula. This area tends to provide low to moderate water recharge to the Floridan Aquifer, due to the clay content of the underlying sediments. The Floridan Aquifer in this area is comprised of Eocene and older carbonates. Thickness of this limestone layer is greater than 1,000 feet. Other areas of the Green Swamp with geologic features, such as sinkholes, have very high recharge rates and have direct connections to the Floridan Aquifer (J. Arthur 1992).

#### *Soils*

The VFST crosses 36 soil types in three counties (SSURGO SWFWMD GIS data). The majority of the soil types are somewhat poorly drained to very poorly drained. Three well-drained soils occur along the Trail but these are limited to Carter's Island and two small areas near Poyner and Polk City. Map 5 illustrates the distribution of soils within one-half mile of the property. See Appendix E for a complete list and description of these soils.

The Trail itself is situated on an artificial berm composed of fill from adjacent ditches and other areas. The natural soil profile in and near the Trail is disturbed or destroyed. Certain parts of the Trail experienced erosion during heavy rainfall events. Wood and concrete spillways have been constructed to address the problem. Management activities will follow generally accepted best management practices to minimize or prevent soil erosion and conserve soil and water resources on-site.



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

The VFST is adjacent to the Green Swamp, which has three vital hydrologic attributes:

- 1) The wetlands serve as the headwaters for five rivers in west central Florida: the Withlacoochee, Little Withlacoochee, Ocklawaha, Hillsborough and Peace.
- 2) The area has been identified as the major artesian pressure high in Florida, which functions to exclude salt water intrusion into the aquifer in west central Florida.
- 3) Due to its basin like nature, the Green Swamp functions as a water retention area with little surface runoff and low to moderate water recharge.

The non-artesian or surficial aquifer is composed of sands and sandy clays that range in thickness from 10 to 50 feet along the Trail corridor but are absent or very thin in other areas of the swamp. A discontinuous, clay confining layer occurring below the surficial aquifer, to depths greater than 26 feet, may also be very thin to absent in some areas. When this situation occurs, the limestone of the underlying Floridan Aquifer may be exposed. The Floridan, the principal aquifer underlying the Trail corridor, has an average thickness of 900 feet. Recharge to the surficial aquifer in the Green Swamp is primarily the result of rainfall. The Floridan Aquifer is recharged primarily by percolation of rainfall from the surficial aquifer.

Trail Vicinity

Construction of the railway bed substantially altered the hydrology of the property and adjacent lands. Low areas, such as wetlands, were excavated and filled, and adjoining lands, such as the 130-foot-high Carter's Island, were excavated to obtain borrow material to meet grade requirements. Three tributaries along the Trail corridor were bridged.

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 already been taken and several more are proposed. The objective is to restore, to the greatest extent possible, the original flow volumes and patterns that existed before construction. Culverts and bridges along the Trail were cleaned in 2005 to facilitate flow across the railroad bed. The periodic maintenance program of bridge and culvert cleaning will be continued, as needed, to alleviate hydrologic problems.

Past erosion problems have been addressed through the construction of wooden and concrete spillways. Additional erosion control measures may include the use of gravel, sod, and/or siltation fences where appropriate. Management will comply with best management practices to maintain or improve the existing water quality on site and will take measures to prevent soil erosion or other impacts to water resources.

The VFST crosses the Withlacoochee River in Lake County. The Withlacoochee River has been designated as Outstanding Florida Waters pursuant to Rule 62-302.700(9)(i)41, F.A.C. Any surface waters on the site are classified as Class III waters [Rule 62-302.400(16)(b), F.A.C.], which is the statewide default classification (Appendix F and Map 6).

There are no beaches or dunes on site, and the property is not within an aquatic preserve.

**C. Forest Resources**

Due to the linear configuration of the corridor, there are not any notable timber resources.

## D. Invasive Species

### *Invasive Non-Native Plant Species*

A constant proliferation of invasive non-native plant species has been observed along much of the route. The focus is on treating Category I and II invasive plant species because they are known to disrupt natural communities or show the potential to disrupt. The following invasive plants are known to occur on the Trail and have been treated: chinaberry, Brazilian pepper, camphor, paper mulberry, cogon grass, Japanese climbing fern, sword fern, air potato and skunk vine. Top priority for control is to treat species, such as skunk vine, that is known to be highly invasive and to treat segments of trail adjacent to natural areas.

### *Invasive Non-Native Animal Species*

Historically, there have been no problems with invasive non-native animal species within the trail corridor. Both the Green Swamp and the Withlacoochee State Forest, which are adjacent to the Trail, have feral hogs which are primarily controlled through hunting in the Wildlife Management Areas. Given the linear configuration of the VFST, it would not be feasible to manage hog densities in any given area to reduce damage. If in the future hogs were to present a problem within the trail corridor, a professional hog trapper would be contracted to remove the offending animal(s).

Fire ants, which cause both medical and environmental harm, are sometimes found on the property. Their venomous sting can trigger a wide range of effects on people, and they have been reported to attack, kill, and eat the eggs and nestlings of several species of birds, lizards and turtles.

## E. Listed Species

Florida Natural Areas Inventory (FNAI) was contacted concerning listed species. FNAI provided information relative to the vicinity of the Trail, but did not conduct a site specific survey of the trail corridor (Appendix G).

### *Listed Plant Species*

FNAI data indicate a federally listed species, Cooley's water willow (*Justicia cooleyi*), and two state-listed species, terrestrial peperomia (*Peperomia humilis*) and sand butterfly pea (*Centrosema arenicola*) present on or near the site (Appendix G).

Table 1: Listed Plant Species Occurring On or Near the General James A. Van Fleet State Trail

Common Name	Scientific Name	Legal Status
Cooley's water willow	<i>Drymarchon couperi</i>	LE/LE
Terrestrial peperomia	<i>Peperomia humilis</i>	N/LE
Sand butterfly pea	<i>Centrosema arenicola</i>	N/LE

### *Listed Animal Species*

FNAI data indicate a federally listed species, Eastern indigo snake (*Drymarchon couperi*), and a state-listed species, gopher tortoise (*Gopherus polyphemus*), present on or near the site.

Records from the Florida Fish and Wildlife Conservation Commission (FWCC) database indicate that listed species occurrence and critical habitat data are located within the project area. Appendix H includes maps that show listed species locations and Strategic Habitat Conservation Areas (SHCA) for Cooper's hawk, Florida black bear, Swallow-tailed kite, snail kite and short-tailed hawk.

Listed animal species noted as regularly residing within the trail right-of-way are the gopher tortoise, Sherman’s fox squirrel and the Eastern indigo snake. Gopher tortoises frequently maintain burrows in the open areas and embankments along the right-of-way. Both the indigo snake and the Eastern diamondback rattlesnake regularly occupy tortoise burrows. Other animal species known to sometimes appear on the trail right-of-way include the American alligator, swallow-tailed kite, little blue heron, white Ibis, southeastern American kestrel, Florida sandhill crane, river otter, bobcat, and Florida black bear.

Table 2: Listed Animal Species Occurring On or Near the General James A. Van Fleet State Trail

Common Name	Scientific Name	Legal Status
Eastern indigo snake	<i>Drymarchon couperi</i>	FLT, SLT
Gopher tortoise	<i>Gopherus polyphemus</i>	SLT
Sherman’s fox squirrel	<i>Sciurus niger shermani</i>	SSC
American Alligator	<i>Alligator mississippiensis</i>	SAT/FT (S/A)
Swallow-tailed kite	<i>Elanoides forficatus</i>	N/N
Little blue heron	<i>Egretta caerulea</i>	N/SSC
Snail kite	<i>Rostrhamus sociabilis plumbeus</i>	G4GST2/S2
White ibis	<i>Eudocimus albus</i>	N/SSC
Florida sandhill crane	<i>Gruscanadensis</i>	NST
Florida black bear	<i>Ursus americanus floridanus</i>	NST
Southeastern American kestrel	<i>Falco sparverius paulus</i>	N/ST
Cooper’s Hawk	<i>Accipiter cooperii</i>	N/N
River otter	<i>Lontra canadensis</i>	N/N
Bobcat	<i>Lynx rufus</i>	N/N

## F. Mineral Resources

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

## G. Native Species

The most predominant of the terrestrial ecosystems around the VFST are mesic flatwoods, mixed hardwood and cropland/pasture. There are small natural community remnants that contain native groundcover.

Non-rare wildlife that can be seen along the corridor include: whitetail deer, grey squirrels, raccoons, spiders, snakes, water birds and song birds. Nearby marshes attract egrets, herons and several varieties of raptors which may be seen flying overhead.

## H. 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, hydrology 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. In other instances, physical factors are substantially different, yet the species compositions are quite similar. For example, coastal strand and scrub, two communities with similar species compositions, generally have quite different climatic environments which necessitate different management programs.

The trail corridor intersects 23 natural communities, plus ruderal and developed areas (Map 7). The trail right-of-way was heavily disturbed due to railroad construction and the normal maintenance operations of CSX Transportation, Inc. Consequently, most of the area within the trail corridor is classified as ruderal and developed, except for one section of upland hardwood forest on Carter's Island. The natural communities adjacent to the trail corridor have been impacted by varying degrees of disturbance. The cypress and pine flatwoods communities of the Green Swamp have historically been timbered, and conversion of natural communities to improved pasture for rangeland has been widespread. Trail specific assessments of some of the intersected natural communities are provided below.

**Mesic Flatwoods** - Scattered pine flatwoods communities occur at various locations along the trail corridor. This community appears to be most extensive in Lake and Sumter counties. The dominant overstory tree is slash pine or pond pine, while the main understory component is saw palmetto.

**Dome swamp** - This is one of the more prevalent communities on lands adjacent to the trail right-of-way, due primarily to the hydrologic and geologic characteristics of the Green Swamp.

**Basin marsh** - This open-canopy community borders an unnamed lake north of Polk City and separates the lake from the trail corridor.

**Basin swamp** - The basin swamp community is relatively common along the southern two-thirds of the trail corridor. It is dominated by blackgum and pond cypress.

**Floodplain swamp** - The trail hydrologically affects several large connected floodplain swamp systems, primarily in Lake County. The trees and shrubs of these swamps include bald and pond cypress, dahoon holly, gallberry, tupelo, titi, and wax myrtle.

**Upland hardwood forest** - This closed-canopy community occurs primarily in Lake County. The original extent of this community has been diminished due to conversion to agricultural use and development. The best examples of this community occur near Bay Lake and on Carter's Island. Approximately 53 acres of upland mixed forest lie within the trail's boundaries on Carters Island.

**Depression marsh** - This herbaceous community is most prevalent along the trail right-of-way in Lake County. Pickerelweed, St. John's Wort, arrowhead, spikerush, and bloodroot comprise the dominant macrophytes in this community. The trail corridor directly intersects several depression marshes and undoubtedly affects their hydrology.

**Transportation** - The central berm of the railroad bed constitutes the major developed feature in the trail right-of-way. Also occurring are several culverts and wooden and concrete bridges situated in wetland areas. Included in this classification are the trail shoulders and the parallel drainage ditches. Routine use of herbicides along the railroad right-of-way to control woody vegetation was an integral part of CSX Transportation Inc.'s maintenance regime. Consequently, large portions of the trail corridor were reduced to a ruderal state. These ruderal areas persist today and are dominated by weedy, opportunistic native and exotic plant species.

**Developed** - With the exception of the roads and powerlines that intersect the trail, the other developed areas along the route are located just outside the trail boundaries. The majority of this development consists of rural residences.

## I. Outstanding Native Landscapes

There are no outstanding native landscapes within the trail corridor.

## J. Scenic Resources and Unique Natural Features

There are no significant natural features located within the trail corridor. However, the VFST traverses scenic natural areas such as the Withlacoochee State Forest and the Green Swamp, which provide outstanding vistas of pasturelands, swamp lakes, floodplain forests and numerous swamp areas.

## K. Archaeological, Historical and Cultural Resources

The Division of Historical Resources (DHR) was contacted regarding known archaeological, historical or cultural resources within the trail corridor. A review of the Florida Master Site File (FMSF) records indicates there are two known cultural resources: Seaboard Air Line, Wahneta (PO07117) and Seaboard Coast Line RR (SM00578), in Sumter and Polk County, respectively. DRP staff will work with DHR to get the Lake County portion of the former railroad corridor recorded. Additionally, there are four known railroad markers which are thought to have been placed when the railroad was built in the 1920s that show the mileage to the railroad hub in Richmond, Virginia. An inventory and research of the origin of these railroad mile markers will be conducted in order to have them recorded with the FMSF. Refer to Table 1, Appendix I and Map 8.

Due to the lack of historic association with individuals, events or places, the former railroad bed is not eligible for listing on the National Register of Historic Places. Due to the former land use as a railroad, there is a low probability of any significant, undisturbed sites being located within the trail corridor.

The Green Swamp was sparsely settled in the mid-1800s and was primarily utilized for agriculture. The military trail utilized by Thomas Jesup in 1837 to travel from the Wahoo Swamp in Inverness (Citrus County) to south Florida traverses the Green Swamp. A grave site is known to be on a portion of Carter's Island in Lake County, which is not within the trail corridor. Therefore, an archaeological survey will be conducted prior to any future development on the portion of Carter's Island that is within the trail corridor. At this time there are no plans for development in this area.

**Table 3: Archaeological, Historical and Cultural Resources**

Site Name/FMSF #	Culture/Period	Description	Significance	Condition	Treatment
CSX Railroad/ PO07117	20 <sup>th</sup> Century American 1900 - Present	Resource Group	Locally Significant	Good	Preservation
Seaboard Coastline Railroad/ SM00578	20 <sup>th</sup> Century American 1900 - Present	Resource Group	Locally Significant	Good	Preservation
Lake County portion of Historic Railroad/ To be recorded	20 <sup>th</sup> Century American 1900 - Present	Resource Group	Locally Significant	Good	Preservation
Railroad Mile Markers/ To be recorded	20 <sup>th</sup> Century American 1900 - Present	Historical feature within resource group	Locally Significant	Good	Preservation

## III USE OF THE PROPERTY AND PUBLIC INPUT

### A. Past Uses of the Corridor

The VFST is built on a historic railroad grade purchased from CSX Transportation, Inc. in 1990. After abandonment of the rail line by CSX Transportation, Inc., the trail corridor was used for private access to adjacent land holdings, trash dumping and other unauthorized uses.

### B. Current and Planned Use of the Property—Single Use/Recreation

The property is managed by the Division of Recreation and Parks as a single use property for recreation, conservation and alternative transportation purposes. The use is in compliance with the primary purpose for which the land was acquired, which was to develop a multi-purpose paved recreational trail. No alternative or multiple uses were considered for this site.

About 20 miles of the VFST was officially opened for public use in October 1992. The remainder of the Trail was open to the public in February 1993. Current uses of the trail corridor include walking/hiking/jogging, bicycling, inline skating, geocaching, horseback riding and picnicking. A skate park is located on 0.13 acres subleased to Polk City.

### C. Public Access and Use

The VFST provides many opportunities for healthy recreation and learning through Florida's outdoor environment. In the spirit of providing equal opportunities for all people, access for individuals with disabilities is an integral part of the Trail and related amenities. Rest areas are provided throughout the length of the Trail. The VFST is open to the public during daylight hours, year round, seven days a week. The core hours of sunrise to sunset will be adjusted as needed to accommodate for safety and management needs.

#### *Access/Parking*

Due to the linear configuration of the property, there are many access points from towns and neighborhoods near the corridor. However, DRP maintains four trailheads specifically for trail access, as follows:

#### Sumter County

Mabel Trailhead is located at 7981 CR 772, Webster, FL 35597.

Amenities include a hardened parking area, equestrian staging area, corral, restrooms, picnic pavilion with a grill and informational kiosk.

Primary access to the Mabel Trailhead has historically been off of SR 50 on 121<sup>st</sup> Avenue, which is in poor condition. Ownership of 121<sup>st</sup> Avenue is currently being researched to determine who has maintenance responsibility. DRP staff will work with the appropriate parties regarding maintenance of this road once ownership is determined. Alternative access to this trailhead is off of SR 50 via CR 773 to CR 772.

#### Lake County

Bay Lake Trailhead is located at 7500 Bay Lake Road, Groveland, FL 34736.

Improvements are currently underway, and will include a paved parking area, restrooms, picnic pavilion and informational kiosk.

### Polk County

Green Pond Trailhead is located at 4903 Green Pond Road, Polk City, FL 33868.

Amenities include a hardened parking area, restrooms, picnic pavilion with a grill and informational kiosk.

Polk City Trailhead is located at 7683 Berkley Road, Polk City, FL 33968.

Amenities include a hardened parking area, picnic pavilion with a grill, skate park and informational kiosk. Plans are underway to install a restroom approximately one-half mile north of the Trailhead.

### *Bicycling*

For the two major groups of bicyclists that use the Trail, weekend riders and serious long-distance riders, the VFST offers both groups an alternative. Bicyclists seeking recreation and daily exercise will be able to travel short distances on a smooth, paved surface while the long-distance bicyclists have the opportunity to cycle nearly 60 miles (roundtrip). Pursuant to s. 316.2065, F.S., helmets are required for cyclists under the age of 16, including children who are riding in a trailer or semitrailer attached to a bicycle. All users are urged to wear helmets. Cyclists must yield to other users.

### *Boating*

There are no boating opportunities accessible from the VFST.

### *Camping*

Although camping near Carter Island was mentioned as a possibility in the original management plan, this idea was abandoned due to hunting in the area.

### *Educational Opportunities*

There are no educational or cultural centers planned within the VFST property boundary. Informational kiosks are located at the trailheads, which provide opportunities for public education. When funding becomes available, kiosks should be developed to interpret the hydrologic and environmental significance of the Green Swamp as well as the railroad era in Florida, including the preservation and conservation of the historic railroad corridors through rail-trails. The Southwest Florida Water Management District (SWFWMD) has indicated a willingness to partner with DRP on providing a message about the significance of the Green Swamp to trail visitors.

### *Equestrian Use*

A natural surface equestrian trail parallels the paved trail on the eastern side. Riders typically use the northern trailhead at Mabel, which includes an equestrian staging area with a corral and parking for vehicles with horse trailers. Water is available at a picnic area approximately 100 yards south of the equestrian staging area.

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 is 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.

### *Fishing*

There are a few areas where a line could be cast; however, these areas tend to be swamp in nature and fishing is not encouraged.

### *Geocaching*

Geocaching is a real-world outdoor treasure hunting game that utilizes Global Positioning System (GPS) enabled devices. Players can place a hidden container, called a geocache, pinpoint its location using GPS technology, and then share the geocache's GPS location online (<http://www.geocaching.com>). Any individual, family or group with a GPS unit can then hunt the geocache. The VFST is used regularly for geocaching.

Geocaches should not be placed without the knowledge of the Trail Manager, who has the authority to approve, decline or place restrictions on geocaches. Placement of the cache will be reviewed on a case-by-case basis. The Trail Manager will encourage the use of the Tread Lightly!® principles for responsible geocaching ([www.treadlightly.org](http://www.treadlightly.org)). Participants will be encouraged to collect and dispose of litter as part of their geocaching activities. Geocaching special events are permissible, but must follow DRP's special event guidelines.

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

- The cache must be placed in close proximity to an existing trail;
- The party responsible for the cache (owner) should live in the vicinity of the cache to facilitate frequent maintenance. It is the 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. No digging or ground disturbing is allowed;
- The cache owner is encouraged to list the cache on the Official Global GPS Cache Hunt Site - <http://www.geocaching.com/>.

### *Hiking/Walking/Jogging*

Hiking, walking and jogging are a prevalent use of the VFST. Seniors and parents with small children are especially attracted to the Trail for daily walking exercise and social encounters. Joggers prefer the asphalt surface to concrete sidewalks due to its consistency and slightly more giving surface. For serious hikers, a portion of the Green Swamp East section of the Florida Trail runs along the VFST for several miles. All trail users must yield to equestrians.

### *Hunting*

Hunting is strictly prohibited within the VFST property boundary. In accordance with the Florida Wildlife Code, Section 68A-4.007, F.A.C., recreation areas are excluded from territory open for hunting; and Section 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.

Both public and private hunting areas in the vicinity have been in use for hundreds of years. The VFST is adjacent to the Green Swamp and Richloam Wildlife Management Areas. Public education on hunting seasons, safety precautions and adjacent land uses is an important part of the management activities for the VFST. Management works with adjacent property owners, as well as the local hunting club officers and others, to provide education about hunting restrictions on or adjacent to state-owned trails.

### *Inline Skating*

The VFST's width, smooth continuous surface, and clear sight distances make it an ideal location for inline skating. Inline skaters and cyclists must yield to other users.



### *Paddling*

There are no paddling opportunities accessible from the VFST.

### *Pet Policies*

Pets are allowed, but must be kept on a leash which is no more than six feet long. Pets are to be walked along the edge of the Trail and their excrement must be disposed of in proper waste facilities. Kiosks and brochures educate the public about pet policies, and promote “Trail Safety and Etiquette.” 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.

### *Picnicking*

Picnic pavilions with two picnic tables and a grill are located at the Mabel, Green Pond and Polk City Trailheads. There is an additional covered picnic table near Mile Marker 25 North. An additional picnic pavilion is planned for the Bay Lake Trailhead.

### *Restrooms*

Restroom facilities are located at the Mabel Trailhead and the Green Pond Trailhead. There are plans in progress to install a restroom at the Bay Lake Trailhead and one-half mile north of the Polk City Trailhead.

### *Skateboarding*

There is a skate park for skateboarding located at the Polk City Trailhead.

### *Special Events*

DRP maintains special event guidelines for individuals or organizations planning events along its managed trails. Typical events are bicycle rides that include both short and long distances for public participation or may be part of a community festival. DRP works with event coordinators to ensure the goals and objectives of the event are compatible with the designated use along the VFST and that security and safety requirements are being met. DRP also holds special events, such as the “Tour De Green Swamp,” to educate the public and to promote the use of the VFST.

### *Transportation Alternatives*

A goal of the Florida Greenways and Trails Program is to expand healthy transportation alternatives while connecting people and communities to enhance economic development. The VFST provides residents and visitors with alternatives to using the traditional road network for their active transportation needs. Offering commuters viable multi-modal alternatives to highway travel is vital to reducing traffic. Trail users must be mindful of road crossings and obey all posted signage.

## **D. Existing Land Use Surrounding the Corridor**

Existing Land Use surrounding the corridor is illustrated on Map 9. Lands east of the northernmost section of the Trail, as well as other scattered lands, have been disturbed or altered to varying degrees, chiefly by rural residential development or by agricultural or silvicultural operations. Conservation lands consisting of floodplain forests, swamp lakes and privately owned pasture lands surround much of the length of the corridor. Land uses to both sides of the southernmost section of the Trail include suburban residential, urban residential, commercial, industrial, mixed, institutional, recreation and open space. None of these uses conflict with the existing/intended use of this property.

## **E. Future Land Use Surrounding the Corridor**

Future Land Use surrounding the corridor is illustrated on Map 10. Land uses are not expected to change significantly along the trail corridor.

Adjacent land uses that are incompatible with the recreational trail should be discouraged by local land development regulations. If development of such land uses is unavoidable, efforts to screen them may be partially effective. Maintenance of trees and shrubs within buffer zones along the edges of the trail corridor on the state-owned land will help mitigate visual impacts. The adjacent property owners should be encouraged to leave a buffer of undeveloped land outside the trail boundary for the same purpose.

## **F. Impact Assessment of Planned Uses**

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.

## **G. Public Involvement**

Pursuant to s. 259.032(10)(b), F.S., the management plan was developed with input from an advisory group. The advisory group meeting and public hearing were held on October 5, 2011, in Polk City. The draft management plan was made available to the public for more than 30 days prior to the meetings. Notices of the meetings were posted at each trailhead, and the meetings were advertised in the *Sumter County Times*, the *South Lake Press*, and the *Lakeland Ledger*. Additionally, the public workshops were announced at the Commission meetings of Polk, Lake and Sumter counties and the Polk City Council, respectively. Appendix K provides a summary of the meetings, a list of participants and the meeting notices.

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

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 s. 253.034(5), F.S., the new 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 measurable/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. 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 VFST, but all are addressed in this section. Every two years, management goals and objectives will be measured through a comparison of target values versus the actual accomplishments in the *Biennial Land Management Operational Report* to the Land Management Uniform Accounting Council (LMUAC).

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.

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

The overall desired outcome for the VFST is to provide a safe and enjoyable trail experience, and for it to play an integral role in the establishment of statewide connected system of greenways and trails for recreation, conservation and alternative transportation purposes.

### **Habitat Restoration and Improvement**

This property is a highly disturbed former railroad corridor which is too narrow to exhibit normal ecological functioning and was purchased specifically for outdoor recreation and alternative transportation. The natural communities of the VFST are generally fragments, only functioning as a natural community in conjunction with the adjacent lands. The VFST does not include any “burnable acres,” and does not lend itself to timber harvesting or other major restoration activities. Improvement of the natural areas on this property will be achieved through elimination and long term minimization of exotic vegetation and detrimental activities occurring along the corridor, such as motorized vehicle use and dumping.

#### ***Goal 1: Improve natural communities and natural habitat.***

- Objective 1.1 (Core) – Prescribe burn 0 acres per year.
- Objective 1.2 (Core) – Maintain 0 acres per year within target fire return interval.
- Objective 1.3 (Core) – Conduct habitat/natural community improvement on XX acres. [2012-2021]
  - Activity 1.3.1 – Conduct baseline study to determine acreage requiring habitat/natural community improvement. [2013]
  - Activity 1.3.2 – Develop natural community improvement plan. [2013]
  - Activity 1.3.3 – Implement natural community improvement plan. [2013-2021]
- Objective 1.4 (Core) – Conduct habitat/natural community restoration on 0 acres.
- Objective 1.5 (Core) – Conduct timber harvest (mechanical thinning of stands) for the purpose of habitat restoration on 0 acres.

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

#### ***Goal 2: Continue to Maintain and Improve Public Access and Recreational Opportunities.***

- Objective 2.1 (Core) – Maintain a Level of Service (LOS\*) score of B or higher for the Trail. [2012-2021]

*\*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 over-takings) – interactions 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 multi-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. The FDEP Office of Greenways and Trails defines trail carrying capacity as “the trail user volume which will allow a trail to retain an LOS score of B or better.” Consequently, FDEP 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)]. Any usage rate above this figure is likely to increase conflicts between trail users 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.

- Activity 2.1.1 – Monitor visitation rates. [2012-2021]
- Objective 2.2 (Core) – Continue to provide five interpretive/education programs. [2012-2021]  
(Note: Interpretive/education efforts on trails are fulfilled through trailhead/trailside signage and brochures.)
  - Activity 2.2.1 – Continue to provide updated and improved trail signage, maps, brochures and posted information at all trailhead kiosks. [2012-2021]
- Objective 2.3 (Core) – Develop five new interpretive/education programs. [2012-2021]  
(Note: Interpretive/education efforts on trails are fulfilled through trailhead/trailside signage and brochures.)
  - Activity 2.3.1 – Design, develop and install signage which interprets the hydrologic and environmental significance of the Green Swamp and the railroad era in Florida. [2012-2021]

### **Hydrological Preservation and Restoration**

There are significant hydrology alterations to the property due to the historical use as a rail corridor. 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, DRP will continue to work closely with the Southwest Florida Water Management District and the Department of Environmental Protection’s Watershed Management Office on hydrological issues as necessary.

### ***Goal 3: Protect water quality and quantity, restore hydrology to the extent feasible and maintain the restored condition.***

- Objective 3.1 (Core) – Conduct or obtain a site assessment/study to identify potential hydrology restoration needs. [2012-2013]
  - Activity 3.1.1 – Work with the Southwest Florida Water Management District, the Department of Environmental Protection’s Watershed Management Office, other agencies and private interests on hydrological issues within the trail corridor, as necessary. [2012-2021]
- Objective 3.2 – Maintain or improve hydrological condition and functions of trail corridor. [2012-2021]
  - Activity 3.2.1 – Continue to protect surrounding wetlands with vegetative buffers. [2012-2021]
  - Activity 3.2.2 – Maintain culverts and bridges along the trail corridor. [2012-2021]
- Objective 3.3 (Core) – Restore natural hydrologic condition and functions to 0 acres on site.

### **Sustainable Forest Management**

There are no notable timber resources on the property. Therefore, development of a silviculture management plan is not applicable.

**Goal 4: Not applicable.**

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

**Goal 5: Remove exotic and invasive plant and animal species and conduct needed maintenance and control activities.**

- Objective 5.1 (Core) – Annually treat XX acres of Florida Exotic Pest Plan Council (EPPC) Category I and Category II invasive exotic plant species. [2012-2021]
  - Activity 5.1.1 – Conduct a baseline study of the property to determine the presence, location and density of exotic and invasive plants. [2012]
  - Activity 5.1.2 – Develop exotic plant removal plan. [2012-2021]
  - Activity 5.1.3 – Implement exotic plant removal plan. [2012-2021]
  - Activity 5.1.4 – Provide educational materials to and coordinate with adjacent landowners in the removal or reduction of EPPC Category I and Category II exotic plant species. [2012-2021]
  - Activity 5.1.5 – Implement maintenance protocols to prevent populations from becoming re-established in the existing natural communities. [2012-2021]
- Objective 5.2 (Core) – Implement control measures on one exotic and nuisance animal species. [2012-2021]
  - Activity 5.2.1 – Continue to implement control measures for fire ants. [2012-2021]

### **Capital Facilities and Infrastructure**

Facilities include four trailheads (Mabel, Bay Lake, Green Pond and Polk City) and one proposed vault restroom to be located one-half mile north of the Polk City Trailhead.

**Goal 6: Continue to improve and maintain the property as a multi-use trail corridor for recreation, conservation and alternative transportation purposes.**

- Objective 6.1 (Core) – Maintain five existing facilities, 0 miles of existing roads, 29.2 miles of existing paved trail and 29.2 miles of natural surface equestrian trail on the property. [2012-2021]  
(Note: A trailhead with amenities such as restrooms, parking area and kiosks are treated as one facility.)
  - Activity 6.1.1 – Monitor and maintain 29.2 miles of paved multi-use trail. [2012-2021]
  - Activity 6.1.2 – Monitor and maintain 29.2 miles of natural surface equestrian trail. [2012-2021]
  - Activity 6.1.3 – Monitor and maintain four trailhead facilities. [2012-2021]
  - Activity 6.1.4 – Monitor and maintain one restroom facility. [2012-2021]
- Objective 6.2 (Core) – Construct one new facility, 0 miles of roads and 0 miles of trail. [2012]
  - Activity 6.2.1 – Install a vault restroom one-half mile north of the Polk City Trailhead. [2012]
- Objective 6.3 (Core) – Improve or repair one existing facility, 0 miles of existing roads and 29.2 miles of existing trail. [2012-2021]
  - Activity 6.3.1 – Provide routine maintenance on bridges and culverts. [2012-2021]
  - Activity 6.3.2 – Replace wooden bridge #9 near Mile Marker 25 with a concrete bridge. [2012]
  - Activity 6.3.3 – Replace or repair four wooden bridges. [2012-2021]
  - Activity 6.3.4 – Reseal asphalt or repave along entire length of trail. [2012-2021]
  - Activity 6.3.5 – Develop Bay Lake Trailhead. [2012]
  - Activity 6.3.6 – Identify funding for a trail maintenance/office facility. [2012-2021]
  - Activity 6.3.7 – Identify funding for a park ranger residence. [2012-2021]

## **Cultural and Historical Resources**

***Goal 7: Assess, document and maintain the archaeological, cultural and historic sites/resources on the property.***

- Objective 7.1 (Core) – Ensure all known sites are recorded with the Florida Division of Historical Resources (DHR), Florida Master Site File (FMSF). [2012-2021]
  - (Note: If a site/resource, such as the rail corridor, is located in multiple counties, it is monitored as multiple sites/resources [i.e. Historic Railroad Corridor (SM 00578 and PO 071170)]).
  - Activity 7.1.1 – Record the Lake County portion of the railroad corridor with the FMSF. [2013]
  - Activity 7.1.2 – Record all identified historic railroad markers with the FMSF. [2013]
  - Activity 7.1.3 – Pursue funding for a Phase I cultural resource survey of Carter's Island. [2017-2021]
  - Activity 7.1.4 – Ensure the appropriate staff has participated in the Archaeological Resources Monitoring (ARM) Training for state land managers. [2013]
- Objective 7.2 (Core) – Monitor two previously recorded sites and send updates to the FMSF as needed. [2012-2021]
- Objective 7.3 (Core) – Bring 0 recorded sites into a good condition. [2012-2021]

## **Imperiled Species Habitat Maintenance, Enhancement, Restoration or Population Restoration**

***Goal 8: Ensure that habitats for all known or possible imperiled species are protected and managed appropriately.***

- Objective 8.1 (Core) – Develop baseline imperiled species occurrence inventory list. [2012-2013]
  - Activity 8.1.1 – Map occurrences of imperiled species, and report identified species to partner agencies. [2012-2013]
- Objective 8.2 (Core) – Develop monitoring protocols for XX selected imperiled species. [2014]
- Objective 8.3 (Core) – Implement monitoring protocols for XX imperiled species. [2015-2021]
- Objective 8.4 – In cooperation with FWC, develop an Imperiled Species Wildlife Management Strategy that addresses all appropriate imperiled fish and wildlife species, their habitats, their sustainability based on site-specific population data along with an appropriate and feasible monitoring program to ensure the viability of these populations.
  - Activity 8.4.1 – Develop an Imperiled Species Wildlife Management Strategy for XX imperiled species. [2014]
  - Activity 8.4.2 – Implement an Imperiled Species Wildlife Management Strategy for XX imperiled species. [2015-2021]

## **Administrative Support**

***Goal 9: Continue to provide administrative support.***

- Objective 9.1 – Provide administrative support for all trail functions. [2012-2021]
  - Activity 9.1.1 – Continue day to day administrative support at current levels. [2012-2021]
  - Activity 9.1.2 – Expand administrative support as new lands are acquired, new facilities are developed or as other needs arise. [2012-2021]

## **B. ADA Policy**

The Division of Recreation and Parks is committed to making all reasonable efforts to ensure that its facilities, programs and services are accessible to, and usable by, all people, including those with disabilities. This policy reflects the commitment to provide access to the widest cross section of the public and to ensure compliance with the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, the Architectural Barriers Act of 1968 and the Florida Americans with Disabilities Accessibility Implementation Act, Sections 553.501-553.513, Fla. Stat. (2006). The Division of Recreation and Parks will not discriminate on the basis of disability or impairment and will not exclude persons with disability or impairment from reasonable access to any facility or from participation in any program or activity. The Division's goal is to provide equal access to all facilities and programs within the State Park System units and to treat everyone with dignity and respect.

*Facilities* - The Division of Recreation and Parks 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.

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

### *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 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 Florida Department of Agriculture and Consumer Services' Mosquito Control Section in the Bureau of Entomology and Pest Control (BEPC).

### *Compliance*

Pesticide applications must be accurately recorded and kept on file for a minimum of three years, per Section 5E-13.040(8), F.A.C. Other criteria for safety training, worker protection and justification for adulticide applications are spelled out in Chapter 5E-13, F.A.C. 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 must be followed. All insecticides used must be registered by the Environmental Protection Agency and applications must be made in direct compliance with the product label. Applicator safety and the protection of employees and patrons, as well as the prevention of non-target organism exposure, must be practiced with each treatment. No applications should be made that will result in employees or patrons coming in direct contact with insecticides. Products should not be 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. Management 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. Mosquito Control on the VFST is implemented by the respective counties. Spraying and treatment is conducted at residential levels and is not implemented when the public is on the property, during rain or when there are winds of 10 mph or greater.

## **D. Defending Title**

The property boundary is identified through signage and protected from encroachment by use of vegetation, natural barriers or fencing if necessary. If encroachment problems arise, a letter will be sent to the violating property owner to resolve the encroachment issue. If the encroachment is not resolved by the violator, the local Code Enforcement Division will be notified to initiate enforcement, which may include issuing fines to the violator.

All easement requests will be coordinated through the Florida Department of Environmental Protection, Division of State Lands (DSL). 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 VFST 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.

## **E. Development**

Proposed development, currently in progress, includes a paved parking area, vault restroom and a picnic pavilion at the Bay Lake Trailhead. A vault restroom will also be installed approximately one-half mile north of the Polk City Trailhead.

Desired future development includes a maintenance building/office facility. Currently, maintenance equipment is kept in a fenced area and a metal shed at the Green Pond Trailhead. The Trail Manager's office is located within a corner of the metal shed. A park ranger residence is desired in order to provide additional security of the Trail. Some areas of the Trail are quite remote.

## **F. Management Priorities**

### *Management Activities*

DRP staff places a high priority on ensuring the safety of all patrons; ensuring protection for the resources and the environment; providing equal access for patrons; promoting a "share the trail" ethic; presenting a clean, enjoyable experience; encouraging user feedback; providing maps and brochures; strengthening partnerships and working to extend the greenway and trail system.



### *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 with FDEP. 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 the trail system grows, additional staff and equipment may need to be budgeted to meet these needs.

### *Operational Funding*

The VFST's operating funds are allocated through the Land Acquisition Trust Fund (LATF) and the Conservation and Recreation Lands Trust Fund (CARL) each fiscal year. 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 annual legislative budget requests. When preparing these annual requests, consideration is given to all of the needs and priorities of all lands managed by FDEP and by DRP 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*

DRP continually monitors the VFST to identify potential hazards to public health within the project area, and takes appropriate measures to minimize risk to the public. DRP keeps the Trail clean and in good condition. A well-maintained trail leads to fewer safety and security issues.

DRP maintains a presence on the Trail and works with local and state law enforcement. Additional security could be provided by the placement of park ranger residences within the trail corridor. If funding can be identified, this is recommended to improve overall security along the Trail.

All emergency situations are coordinated through local 911 emergency services. DRP will look into the feasibility of implementing a new emergency location system similar to Hillsborough County's 9-1-1 Trailways Addressing Program.

### *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. DRP will seek ways to contract with private vendors to provide services that are better handled in a market economy; however, these services will never be allowed to weaken safety considerations. Contractual opportunities exist for activities including mowing, trash removal, site clean-up, facilities maintenance, exotic species control, and concessions.

### *Managing Multiple Trail Uses*

To educate trail users on appropriate trail etiquette, trailhead kiosks provide information regarding Trail Courtesy and Rules. Signage, such as stop signs and rules, exists along the Trail. All signs and traffic control devices are consistent with federal and state Department of Transportation standards. Safe and courteous multiple uses can be accomplished on trails through education and a positive presence on the Trail.

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

The City of Polk City manages a skate park on 0.13 acres located within the trail corridor, and has developed a nature trail which connects to the VFST. Additionally, Polk City helps maintain the Polk City Trailhead by utilizing City inmate crews to pick up litter and trim vegetation.

The SWFWMD plans to explore future multi-use opportunities on adjoining lands which could provide a future connection to the VFST, and has indicated a willingness to partner with DRP on providing a message about the significance of the Green Swamp to Trail visitors.

DRP and OGT strive to create and maintain partnerships with state and regional tourism initiatives. Due to the increased demand from visitors, VISIT FLORIDA®, the official tourism marketing corporation for the State of Florida, partnered with OGT and trail managers from other agencies to develop a series of trail brochures. The VFST is featured along with 28 other trails in the Florida Bicycle Trails brochure. According to VISIT FLORIDA®, inquiries about ‘where to bicycle in Florida’ is the most commonly requested information at its welcome centers. The VFST is also featured on the VISIT FLORIDA® Trails website, which was launched in October 2010. This website is a component of VISITFLORIDA.com that brings together descriptions and maps of trails from around Florida with information about lodging, restaurants, outfitters and other travel related services. Trails are now featured traveler destinations for Florida visitors, alongside beaches, resorts, golf courses and themed attractions. This new website reflects the important role trails are playing in the broader greening of the Sunshine State. The project is a partnership of VISIT FLORIDA, the Florida Department of Environmental Protection’s Office of Greenways & Trails (OGT) and the East Coast Greenway Alliance. The VFST is also included in the Rails-to-Trails Conservancy, Google-based, Traillink.com website, which includes, but is not limited to, dynamic walking and bicycling directions, trail descriptions and photographs.

The Florida Greenways and Trails Foundation, Inc. (FGTF), a 501(c)(3) not-for-profit corporation, exists to support the mission and programs of OGT. Historically, the FGTF has supported the VFST by purchasing materials for asphalt repair and maintenance equipment, and providing seed money for an annual organized trail ride, “Tour De Green Swamp.” The FGTF is also actively working to promote a connection between the VFST and the Withlacoochee State Trail.

## **H. Research and Monitoring**

Monitoring conditions of the corridor and facilities is ongoing, as is research of current standards. Experts and volunteers may assist with improving the resources along the property.

## **I. Resource Management and Protection**

The vegetative management of the property 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 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 and 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 FNAI and FFWCC. Protection of the listed species of wildlife and plants, as well as the overall natural communities, is enhanced by public ownership of the property, by management of habitat, removal of invasive species and through public education. DRP will ensure that mowing contractors are educated on how to protect gopher tortoises and other species while performing their duties.

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

Approval from Department of State, Division of Historical Resources (DHR) must be obtained before taking any actions, such as development or site improvements, that could affect or disturb the cultural resources on state lands. Actions that require permits or approval from DHR include development, site excavations or surveys, disturbances of sites or structures, disturbances of the substrate and any other actions that may affect the integrity of the cultural resources. Due to the former land use as a railroad there is a low probability of significant, undisturbed sites being located in the railroad boundary.

As part of responsible management required by state and/or federal laws, land managers and those involved in the decision making process should be aware of the types of archaeological resources in their stewardship and should be knowledgeable of the best management practices for these sites. To be good stewards of State Lands, DRP staff has participated in the Archaeological Resource Management Training for State Land Managers (ARM) training course which introduces state land managers to the nature of archaeological resources, Florida archaeology, and the role of the Division of Historic Resources (DHR) and Bureau of Archaeological Research (BAR) in management of state owned archaeological resources. By participating in ARM, DRP staff has gained a better understanding of the requirements of State and Federal laws with regard to protecting and managing archaeological sites on state managed lands; and is more aware of the historic properties and archaeological sites on these lands. Pursuant to Chapter 267, F.S., ground disturbing activities will be coordinated with 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" (Appendix I).

#### *Fire Management*

Due to the narrow configuration of the trail corridor, there is no prescribed burning on the VFST. Prescribed burns on adjacent conservation lands are used as a management tool to maintain listed species habitat and reduce fuel loads. They are conducted under permit from the Department of Agriculture and Consumer Services, Florida Forest Service (FFS), and are coordinated with the SWFWMD and FFWCC. Some prescribed burns may necessitate the temporary closure of portions of the Trail. The FFS may use the Trail as a fire line when they bring their equipment in for fire suppression on either side of the Trail.

#### *Forest Resources Management*

There are not any notable timber resources on the property.

#### *Hydrology/Water Management*

As previously discussed, the VFST is located within an Area of Critical State Concern (ACSC). The state's four ACSCs are protected by guiding principles as defined under s. 380.0551, F.S., and receive state oversight in the issuance of development orders and the adoption of land development regulations and comprehensive plans.

Water management in this area is overseen by the Southwest Florida Water Management District whose mission is to “manage water and related natural resources to ensure their continued availability while maximizing environmental, economic, and recreational benefits.” Future construction projects will meet all federal, state and local permit and regulatory requirements.

Construction of the railroad bed substantially altered the surface hydrology of adjacent lands. Excavation and fill were required to achieve the proper grade and alignment of the rail corridor and low areas, such as wetlands, were often filled with borrowed material excavated from upland areas. Nine areas along the trail corridor were bridged; three are tributaries to the Little Withlacoochee River while the other six facilitate the movement of water from one side of the railroad bed to the other. Five of the bridges are composed of wood while the other four are concrete covered with asphalt. Asphalt was applied over the four concrete bridges in 2010 to provide a single substrate and improve user safety. Plans are underway to replace wooden bridge #9. The remaining four wooden bridges will be evaluated to determine replacement or repair needs. (See Table 2 and Map 6).

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. Some measures have already been taken, and several more are proposed, to mitigate the hydrologic disturbances caused by the construction of the railway. The objective is to restore, to the greatest extent possible, the original flow volumes and patterns that existed before construction.

The railroad berm and associated parallel ditches have altered the hydrology and flow patterns of natural communities adjacent to the Trail. Surface water movement has been impeded by the railroad bed and the parallel ditches may channelize water in times of high flow. North of Carter Island water flows northward in the ditches along the east side of the railroad bed while culverts in the railroad bed direct flow to the west. Where the roadside ditch terminates, seasonal high waters continue to flow northward through wetlands and swales in and adjacent to the Progress Energy Transmission Line easement. The 36-inch culverts installed in the easement discharge high water flows to the west where a six-foot-wide box culvert was installed in the VFST corridor by FDEP. Just south of Mabel, high waters can flow eastward beneath the VFST and northeastward to Big Prairie. Approximately 75 culverts and several bridges along the Trail facilitate water movement from the east side to the west side of the railroad bed. In times of high water, however, the Trail can restrict flow to the west particularly when culverts are choked with vegetation and sediment. Water levels on the east side of the trail measured up to 1.4 feet higher than a bermed wetland located on the west side of the Trail (Allen Burdett, FDEP, 1997). When FDEP installed new culverts the high water storage capacity of this wetland was restored.

The installation of a six-foot box culvert one-mile south of the Mabel Trailhead was completed in 2001 by the Southwest Florida Water Management District. The placement of this culvert was intended to restore natural drainage patterns to the west and reduce flooding in the Big Prairie Basin.

Numerous culverts and bridges were cleaned to facilitate water movement across the Trail in an attempt to equalize water levels on each side. These efforts appear to have improved water movement across the southern portions of the Trail but have not alleviated all impoundment problems. The ditching and draining of wetlands, dredging, filling, loss of wetland attenuation capacity and the channelization of flow ways are contributing factors for rapid runoff and flooding, and contribute to low water levels. The private and public sectors need to work together to initiate surface water conservation measures and watershed restoration projects. The FDEP’s Southwest District is currently managing and coordinating watershed restoration activities on the west side of the VFST close to Carter’s Island and

Bayroot Slough. The periodic maintenance program of bridge and culvert cleaning will be continued as needed to maintain surface water conveyance to the west.

**Table 4: Bridges along Van Fleet State Trail**

BRIDGE #	LOCATION	TYPE	CURRENT CONDITON	ESTIMATED REPLACEMENT COST
1	28.11.207, -81.49.681 Near Mile Marker 2	Wooden	Repair/Replace within 10-year planning period.	\$500,000
2	28.19.050, -81.51.700 Near Mile Marker 10	Concrete	Good	\$0
3	28.20.744, -81.52.445 Near Mile Marker 12	Concrete	Good	\$0
4	28.21.025, -81.52.567 Near Mile Marker 12	Concrete	Good	\$0
5	28.21.282, -81.52.683 Near Mile Marker 12	Concrete	Good	\$0
6	28.27.366, -81.55.361 Near Mile Marker 20	Wooden	Repair/Replace within 10-year planning period.	\$500,000
7	28.27.917, -81.55.604 Near Mile Marker 21	Wooden	Repair/Replace within 10-year planning period.	\$500,000
8	28.28.535, -81.55.875 Near Mile Marker 22	Wooden	Repair/Replace within 10-year planning period.	\$500,000
9	28.30.357, -81.56.670 Near Mile Marker 25	Wooden	To be replaced with concrete bridge in 2012.	\$305,789

*Invasive Non-Native Species Management*

Controlling exotics before maturation and fruit/seed development is critical. Successful elimination of exotic plant species within the trail corridor will partly depend upon control of exotic plants on adjacent lands. According to the Florida Exotic Pest Plant Council, Category I plants (those that are altering and displacing native plant communities) will require constant vigilance to prevent their spreading to other areas of the trail corridor. Invasive plants commonly spread along the corridor are removed through both mechanical and chemical means to prevent further disbursement. When possible, trained volunteers will be enlisted to help control the spread of non-native invasive species. Partnerships with adjacent private and public landowners should be pursued, particularly in the case of highly invasive species.

Fire ants are controlled with pesticides by individual mound or broadcast treatments.

*Listed Species Management*

Emphasis is placed on the protection of listed species that already reside in the trail corridor or otherwise use the corridor regularly. One important protective measure is to maintain the natural hydrology of wetlands along the Trail to the greatest extent possible. Gopher tortoises will be monitored regularly to determine if trail activity has negative impacts. A high priority will be placed on monitoring activities of mowing contractors to ensure they implement procedures to protect gopher tortoises and other imperiled species. In areas with high densities of gopher tortoises, management actions such as mechanical manipulation of the vegetation may be necessary to maintain the open aspect required by this species. Disturbances to gopher tortoises and their burrows will be avoided. If unavoidable, any disturbance shall be duly permitted. Speed limits on the Trail will be enforced for the safety of the visitors and to reduce the chance of hitting wildlife.

Educational opportunities exist to educate visitors about listed species in the area. Information will be provided in kiosks on how observers may report wildlife violations to the FFWCC by calling the toll-free Wildlife Alert Hotline at 888-404-3922 or online at [MyFWC.com/law/Alert](http://MyFWC.com/law/Alert).

Further plant and animal studies may be conducted along the Trail to verify the presence of additional designated species. Mapping and documentation of designated species populations will continue in order to prevent inadvertent disturbances and to monitor population trends. Volunteer opportunities exist for collection of Global Positioning System (GPS) data on sighting of species to assist inventories maintained by the FFWCC and FNAI.

#### *Mineral Resources Management*

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

#### *Native Species Management*

In many cases, native species will benefit most from proper management of their natural communities. Due to the linear configuration and historical disturbances of the corridor, some of the natural communities land management measures, such as prescribed fire, are difficult to implement. To the extent possible, habitat requirements for native species will be maintained and managed to ensure that native species survive and are sustainable. The corridor can facilitate ecological connectivity to larger tracts of land, providing connectivity for a larger breeding population to remain viable. Educational opportunities exist to educate visitors about native species management. If trees and shrubs are planted for shading, screening or beautification purposes, native species will be planted. Trail staff will coordinate with local officials where the Trail crosses through municipalities to achieve this goal.

#### *Natural Communities Management*

All management activities will be conducted to preserve and protect the natural and nonrenewable resources on the property. Natural communities within the property boundary will be preserved. Protection will be provided for specimen trees and any protected plants or animals. Native vegetation will be planted during future developments. Partnerships exist for community organizations to plant and maintain trees along the corridor. Although the configuration of the property does not lend itself to prescribed burning, DRP will cooperate with adjacent landowners in prescribed burning of adjacent lands. Public lands adjacent to the Trail provides for the most beneficial management measure for the protection and preservation of listed species and their supporting natural communities. Improvement of the natural areas on this property will be achieved through elimination and long term minimization of exotic vegetation and detrimental activities occurring along the corridor such as motorized vehicle use and dumping. Any replacement plantings will consist of species that are native to the area.

#### *Scenic Resources Management*

The VFST traverses scenic natural areas such as the Withlacoochee State Forest and the Green Swamp. The forested floodplains, open marshland, and fire maintained pine flatwoods transected by the Trail provide a representative sampling of central Florida's natural diversity and greatly enhance the aesthetic qualities of the VFST. Much time is spent trimming trees and brush by hand with chainsaws to open vista viewing areas and reduce encroachment of the vegetation onto the Trail. This vegetative management allows clear sight to the adjacent lands so that trail users can see the diversity of natural areas along the length of the Trail.

### *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 will 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.

Past erosion problems have been addressed through the construction of spillways, which direct runoff from the top of the railroad bed into adjacent ditches. Additional erosion control measures may include the use of aggregates, sod, and/or siltation fences where appropriate. Management will comply with best management practices to maintain or improve the existing water quality on-site and will take measures to prevent soil erosion or other impacts to water resources.

## **J. Accomplishments from Implementation**

Since the approval of the last management plan for the VFST in December 1999, there have been several notable accomplishments:

- 1) Six visitor counters were installed. In 2010, the VFST trail counters recorded 137,773 visitors.
- 2) The VFST was formally designated as part of the statewide Florida Greenways and Trails System in 2002.
- 3) The VFST was designated as a National Recreation Trail in 2002.
- 4) Mile markers and rest benches were installed at 1-3 mile intervals along the Trail.
- 5) Culverts and bridges along the Trail were cleaned in 2005 to facilitate flow across the railroad bed.
- 6) OGT entered into a sublease agreement with the City of Polk City on September 8, 2009 in order for the City to develop and manage a skate park on state property. The skate park, located at the Polk City Trailhead, opened in November, 2010.
- 7) OGT partnered with Polk City to provide a nature trail that adjoins the VFST. The nature trail, which is on property owned by Polk City, is connected to the VFST via a concrete slab bridge in two locations approximately one-half mile apart.
- 8) Funding has been secured to develop the Bay Lake Trailhead. Amenities will include paved parking, restrooms, picnic pavilion and interpretive kiosk.
- 9) Funding has been secured to add a restroom one-half mile north of the Polk City Trailhead.
- 10) Asphalt was applied over four concrete bridges in 2010 to provide a single substrate and improve user safety.
- 11) Funding has been secured to replace the wooden bridge located near Mile Marker 25 with a concrete bridge.

- 12) TECO Energy entered into land use agreements with the cities of Polk City and Auburndale, respectively, to provide a southern extension of the VFST. The Polk City “Van Fleet Extension” is approximately one mile long, and it connects to the 5.5 mile TECO-Auburndale Trail.
- 13) Historically, the VFST terminated at the northern boundary of the Polk City Trailhead. In 2009, OGT extended the paved trail an additional 700 feet to the southern boundary of the Polk City Trailhead. This 700-foot extension resulted in an additional 6.5 miles of continuous paved trail by connecting to the recently constructed one-mile Polk City “Van Fleet Extension” which, in turn, connects to the 5.5 mile TECO-Auburndale Trail.
- 14) The VFST is featured along with 28 other trails in the Florida Bicycle Trails brochure. According to VISIT FLORIDA®, the state’s official tourism marketing corporation, inquiries about ‘where to bicycle in Florida’ is the most commonly requested information at its welcome centers.
- 15) The VFST is featured on the VISIT FLORIDA® Trails website, which was launched in October 2010. This website is a new component of VISITFLORIDA.com that brings together descriptions and maps of trails from around Florida with information about lodging, restaurants, outfitters and other travel related services. Trails will now be featured traveler destinations for Florida visitors, alongside beaches, resorts, golf courses and themed attractions.
- 16) Conducted the first “Tour De Green Swamp” Bike Ride to promote the Trail in 2010.

**K. Land Management Review**

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



**MAP 1**

**LOCATION MAP**

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# Map 1 -- General James A. Van Fleet State Trail Location 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.  
August 24, 2011



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**MAP 2.1**

**Existing & Proposed Facilities Map - North**

**MAP 2.2**

**Existing & Proposed Facilities Map - South**

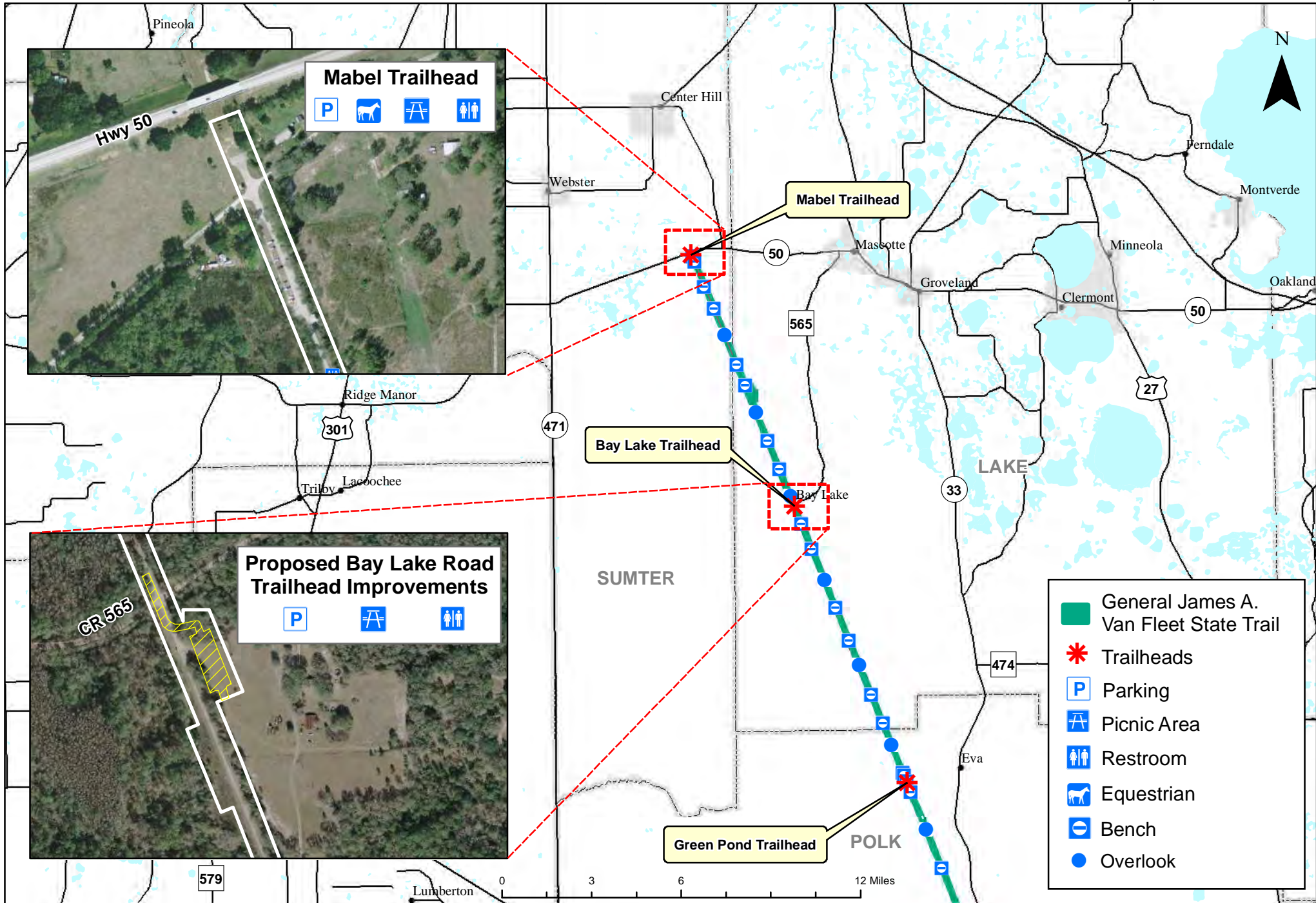
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# Map 2.1 -- General James A. Van Fleet State Trail Existing & Proposed Facilities Map - North

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

January 11, 2012



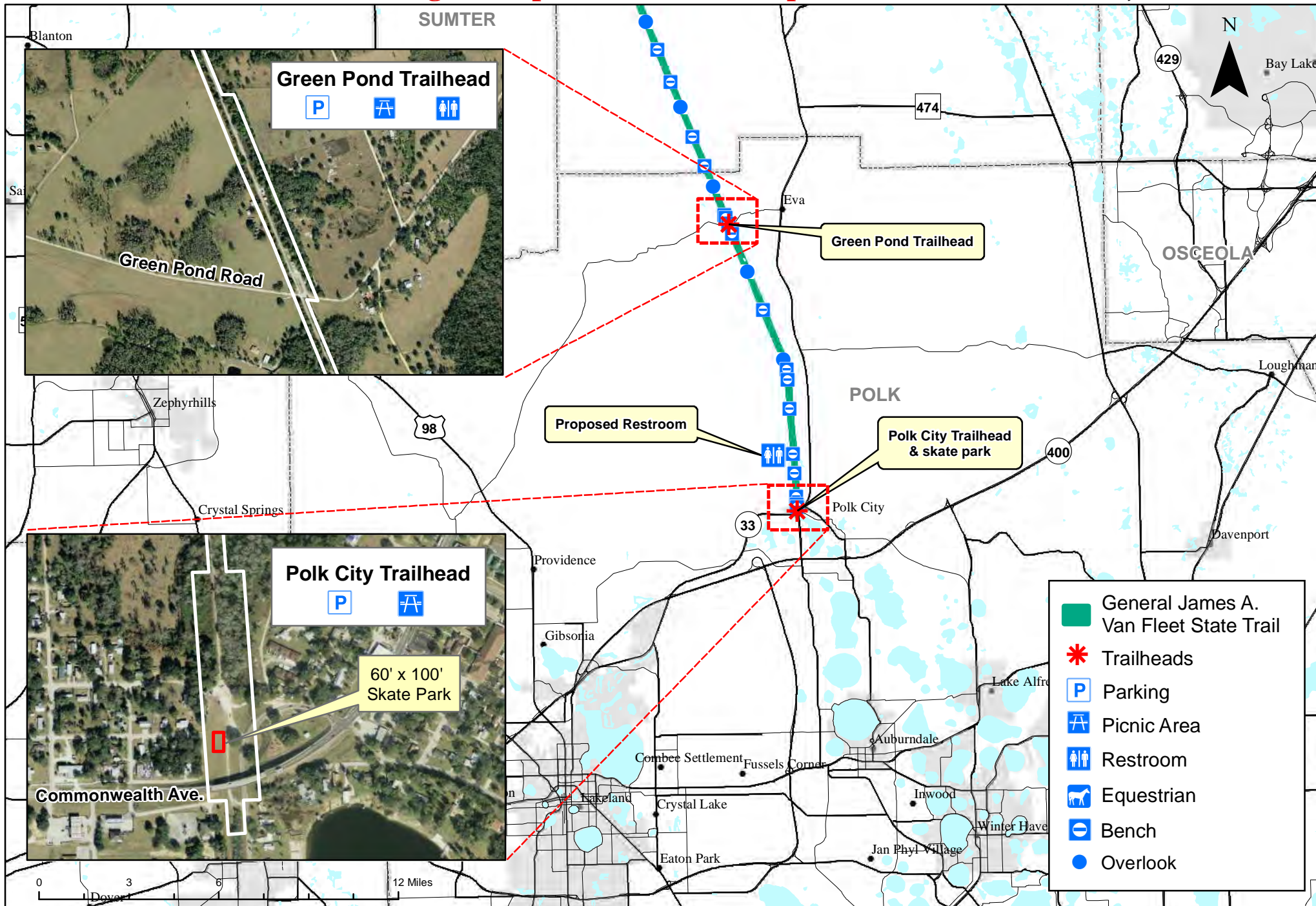
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# Map 2.2 -- General James A. Van Fleet State Trail Existing & Proposed Facilities Map - South

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January 11, 2012



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## **MAP 3**

### **Nearby Public Lands Map**

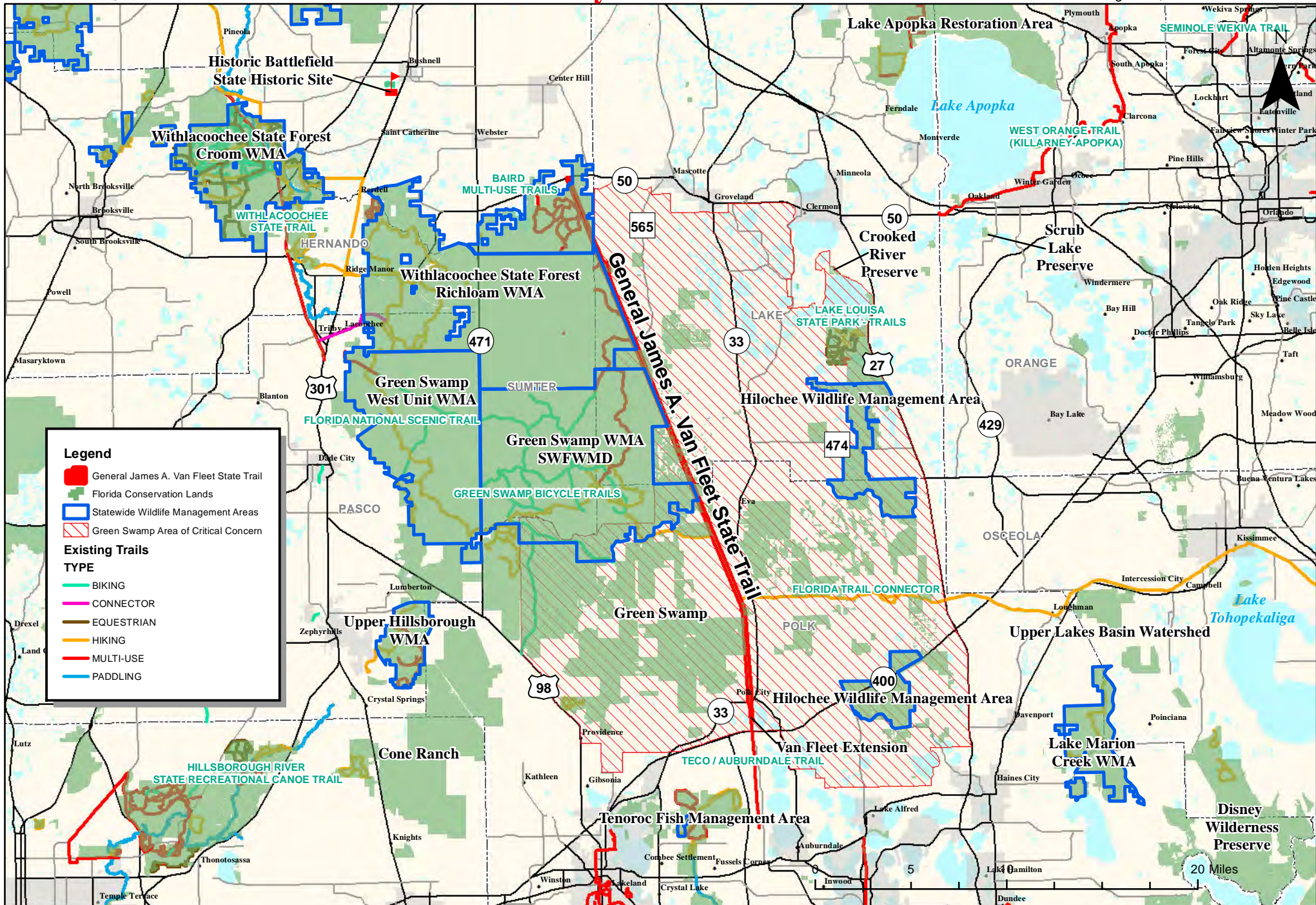
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# Map 3 -- General James A. Van Fleet State Trail Nearby Public Lands

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

August 24, 2011



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## **MAP 4**

### **Regional Connections Map**

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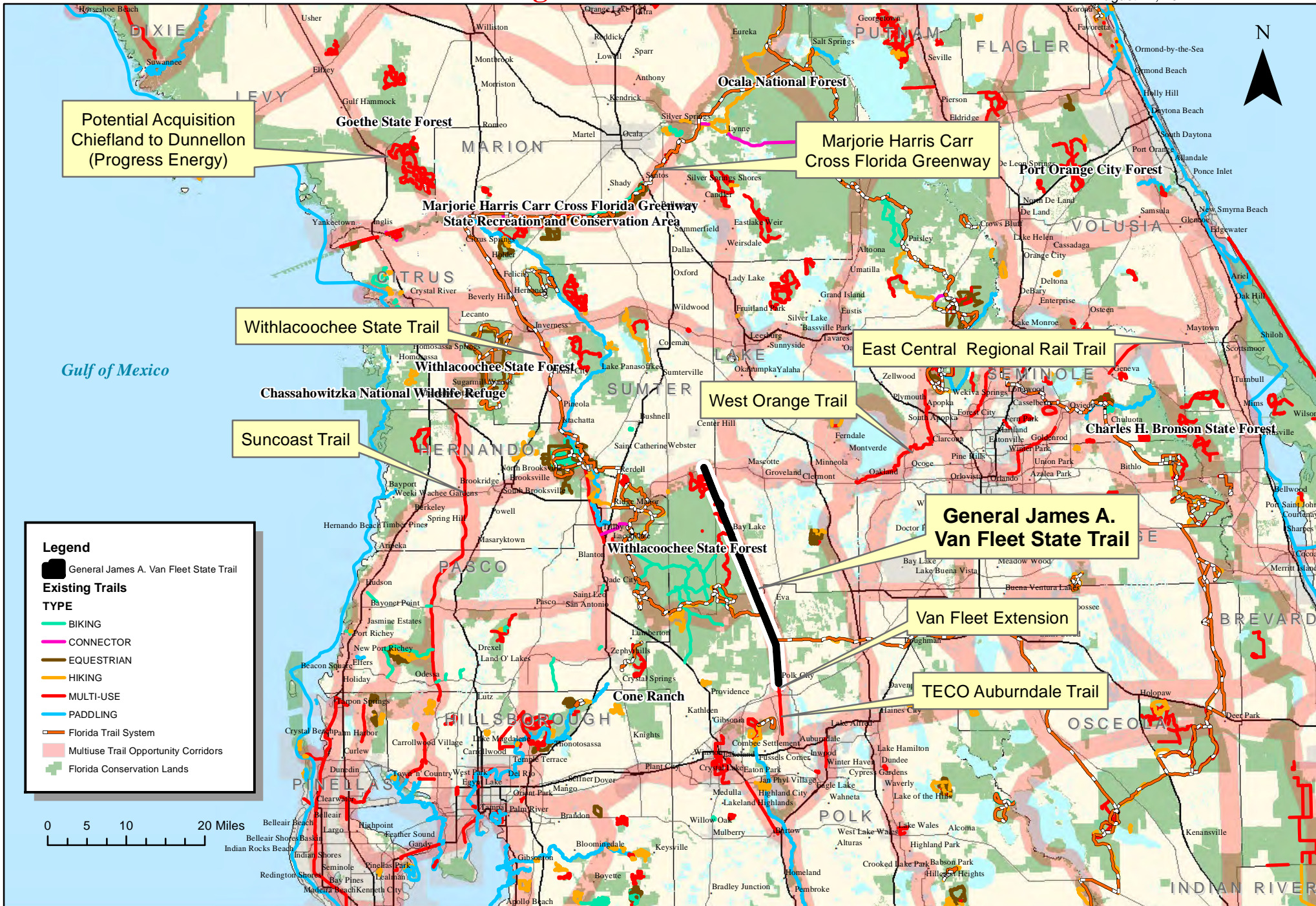




# Map 4 -- General James A. Van Fleet State Trail Regional Connections

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

August 24, 2011



Potential Acquisition  
Chiefland to Dunnellon  
(Progress Energy)

Marjorie Harris Carr  
Cross Florida Greenway

Withlacoochee State Trail

Suncoast Trail

West Orange Trail

East Central Regional Rail Trail

General James A.  
Van Fleet State Trail

Van Fleet Extension

TECO Auburndale Trail

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**MAP 5**

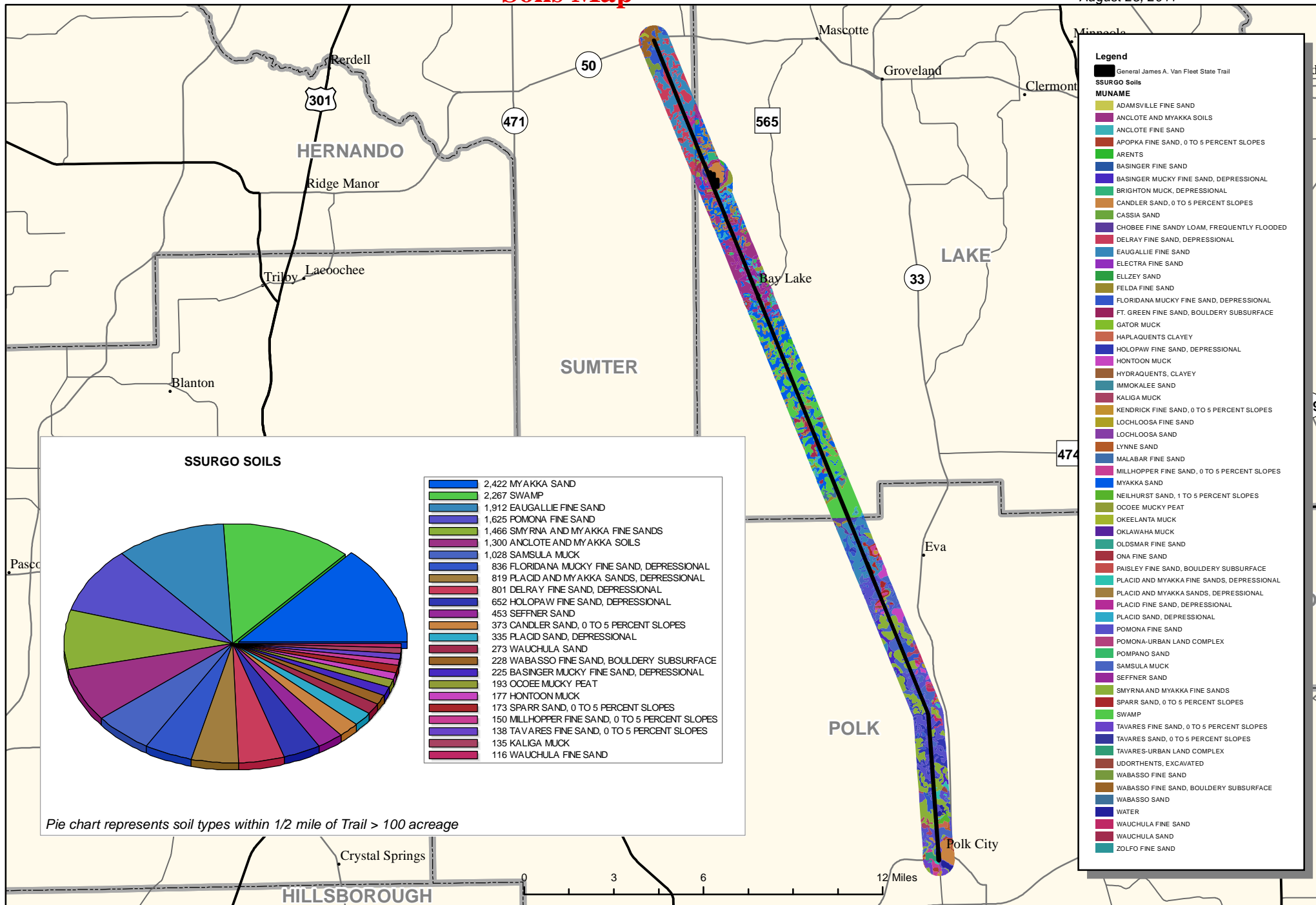
**Soils Map**

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# Map 5 -- General James A. Van Fleet State Trail Soils Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. Map symbology based on the compname field soils descriptions derived from 1990's SWFWMD SSURGO soils data. Updated 2/2010.  
August 25, 2011



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## **MAP 6**

### **Water Resources Map**

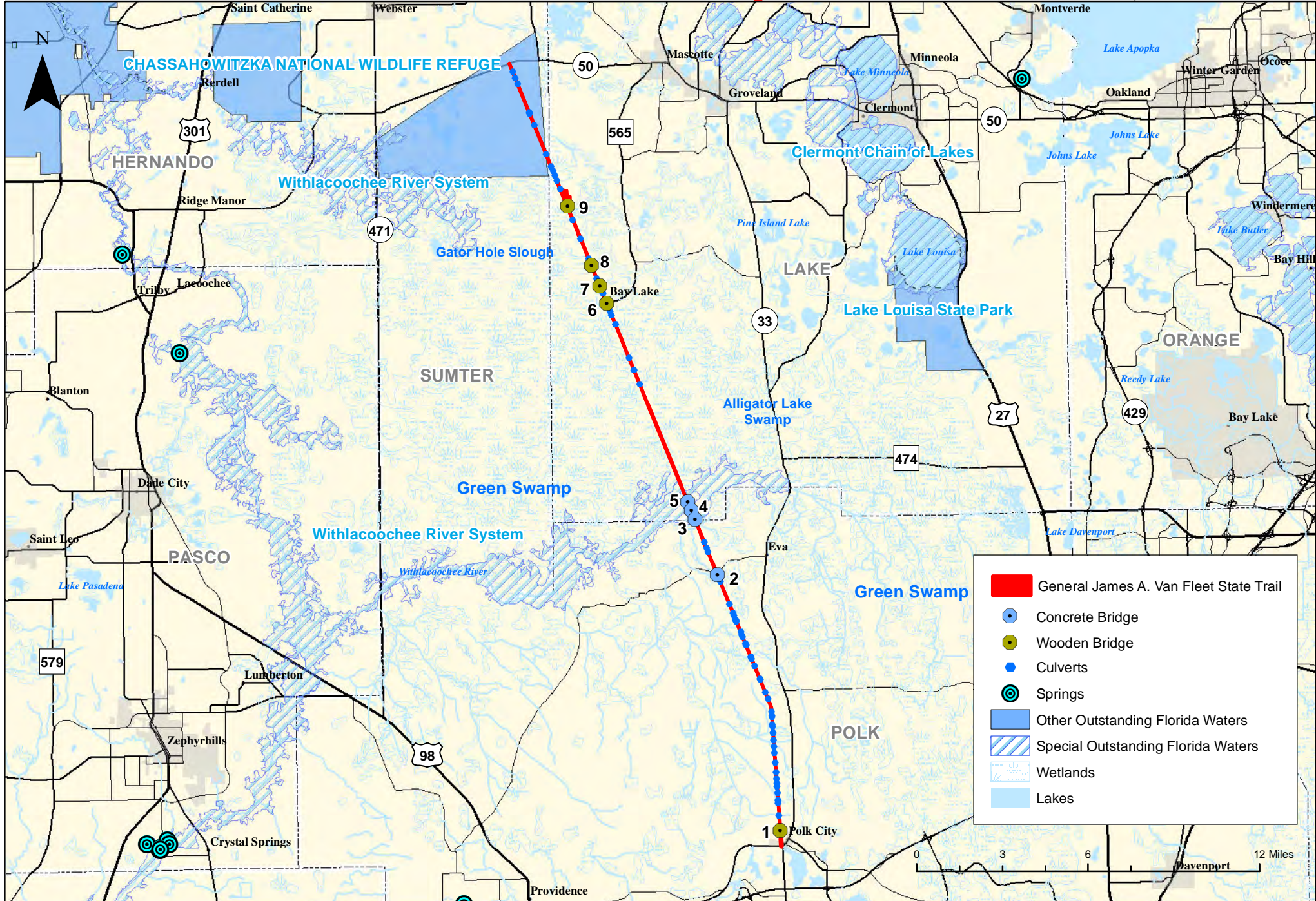
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# Map 6 -- General James A. Van Fleet State Trail Water Resources Map

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.  
January 4, 2012



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**MAP 7**

**Cooperative Land Cover Map**

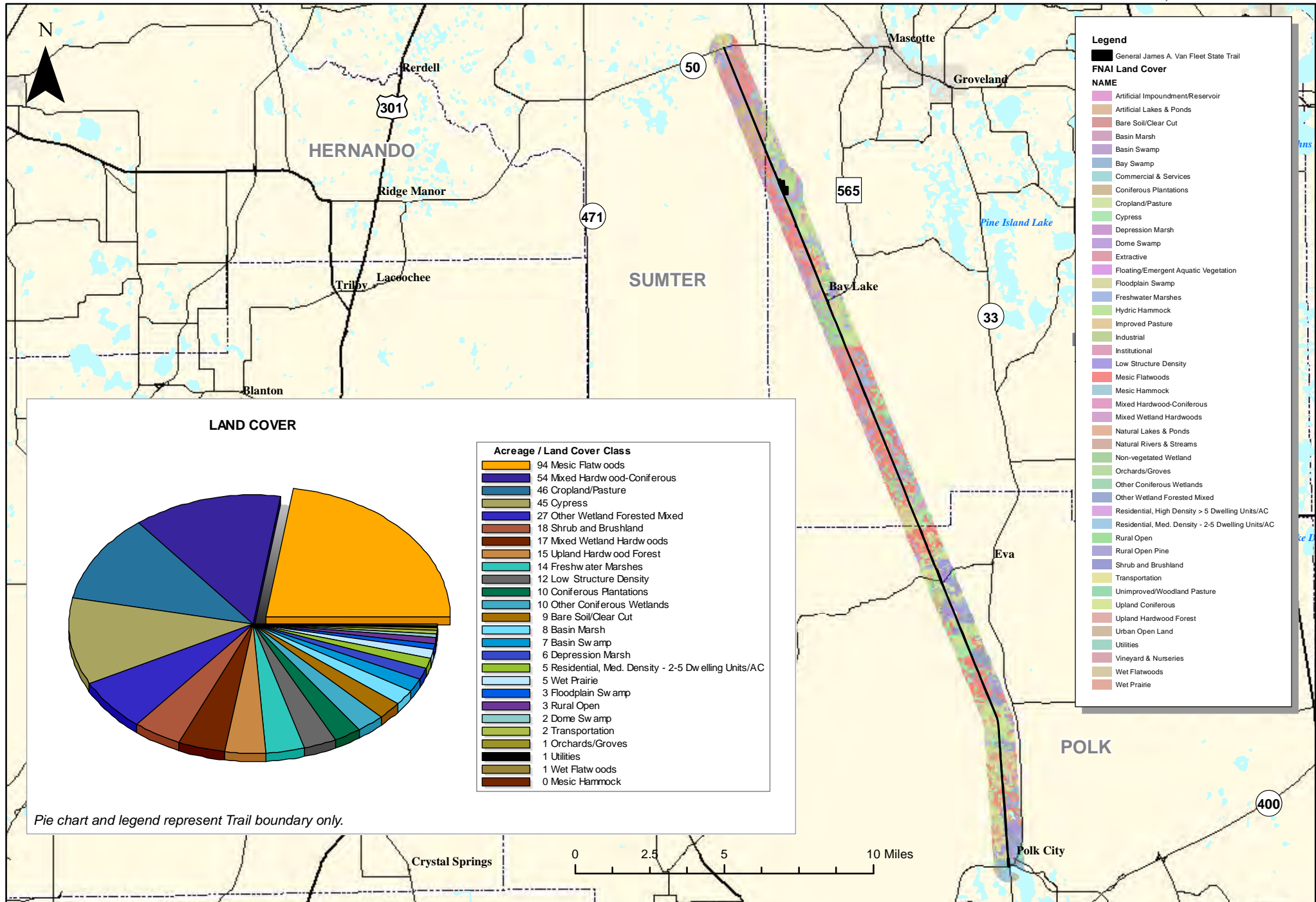
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# Map 7 -- General James A. Van Fleet State Trail Cooperative Land Cover Map (FNAI, 2010)

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

November 10, 2011



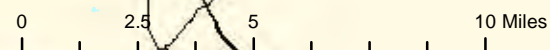
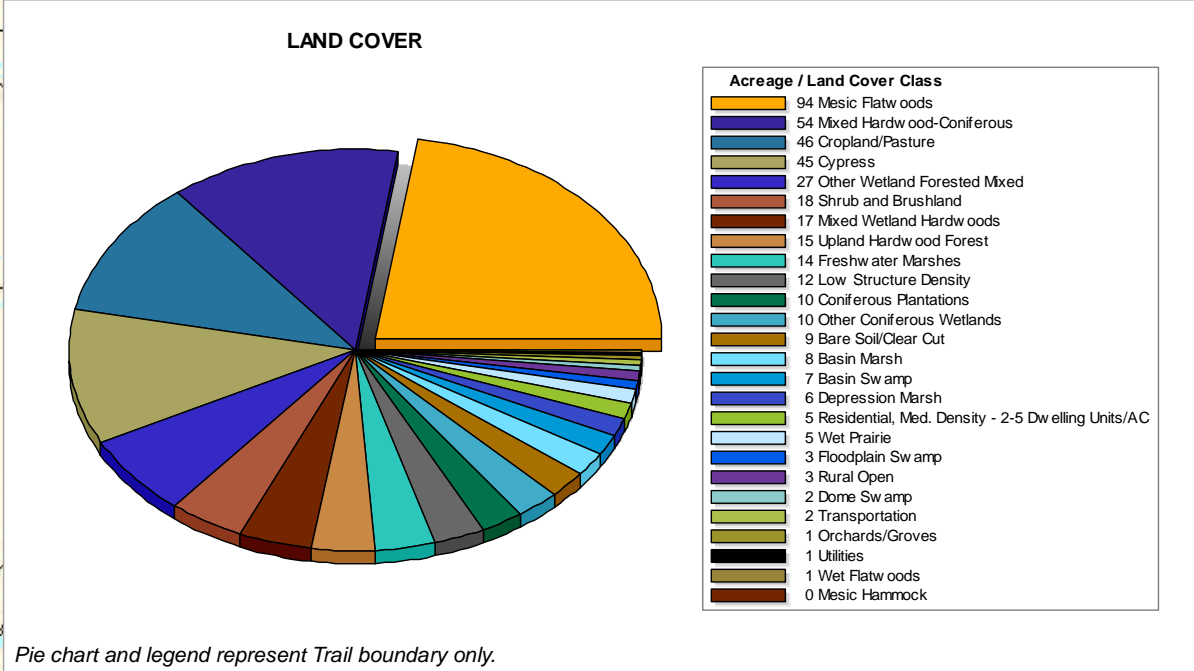
**Legend**

General James A. Van Fleet State Trail

**FNAI Land Cover**

**NAME**

- Artificial Impoundment/Reservoir
- Artificial Lakes & Ponds
- Bare Soil/Clear Cut
- Basin Marsh
- Basin Swamp
- Bay Swamp
- Commercial & Services
- Coniferous Plantations
- Cropland/Pasture
- Cypress
- Depression Marsh
- Dome Swamp
- Extractive
- Floating/Emergent Aquatic Vegetation
- Floodplain Swamp
- Freshwater Marshes
- Hydric Hammock
- Improved Pasture
- Industrial
- Institutional
- Low Structure Density
- Mesic Flatwoods
- Mesic Hammock
- Mixed Hardwood-Coniferous
- Mixed Wetland Hardwoods
- Natural Lakes & Ponds
- Natural Rivers & Streams
- Non-vegetated Wetland
- Orchards/Groves
- Other Coniferous Wetlands
- Other Wetland Forested Mixed
- Residential, High Density > 5 Dwelling Units/AC
- Residential, Med. Density - 2-5 Dwelling Units/AC
- Rural Open
- Rural Open Pine
- Shrub and Brushland
- Transportation
- Unimproved/Woodland Pasture
- Upland Coniferous
- Upland Hardwood Forest
- Urban Open Land
- Utilities
- Vineyard & Nurseries
- Wet Flatwoods
- Wet Prairie



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## **MAP 8**

### **Historic Resources Map**

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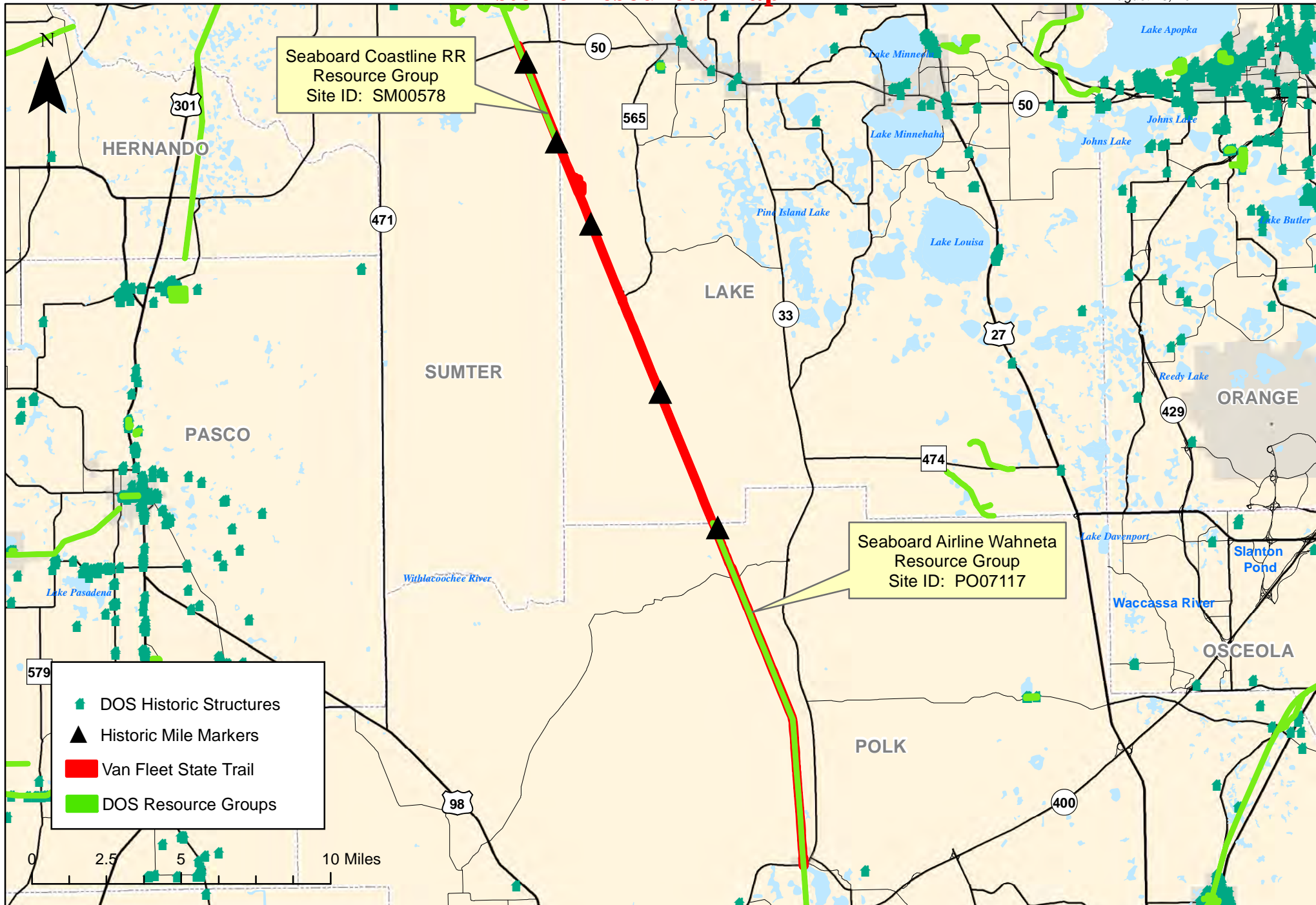




# Map 8 -- General James A. Van Fleet State Trail Historic Resources Map

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.

August 25, 2011



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**MAP 9**

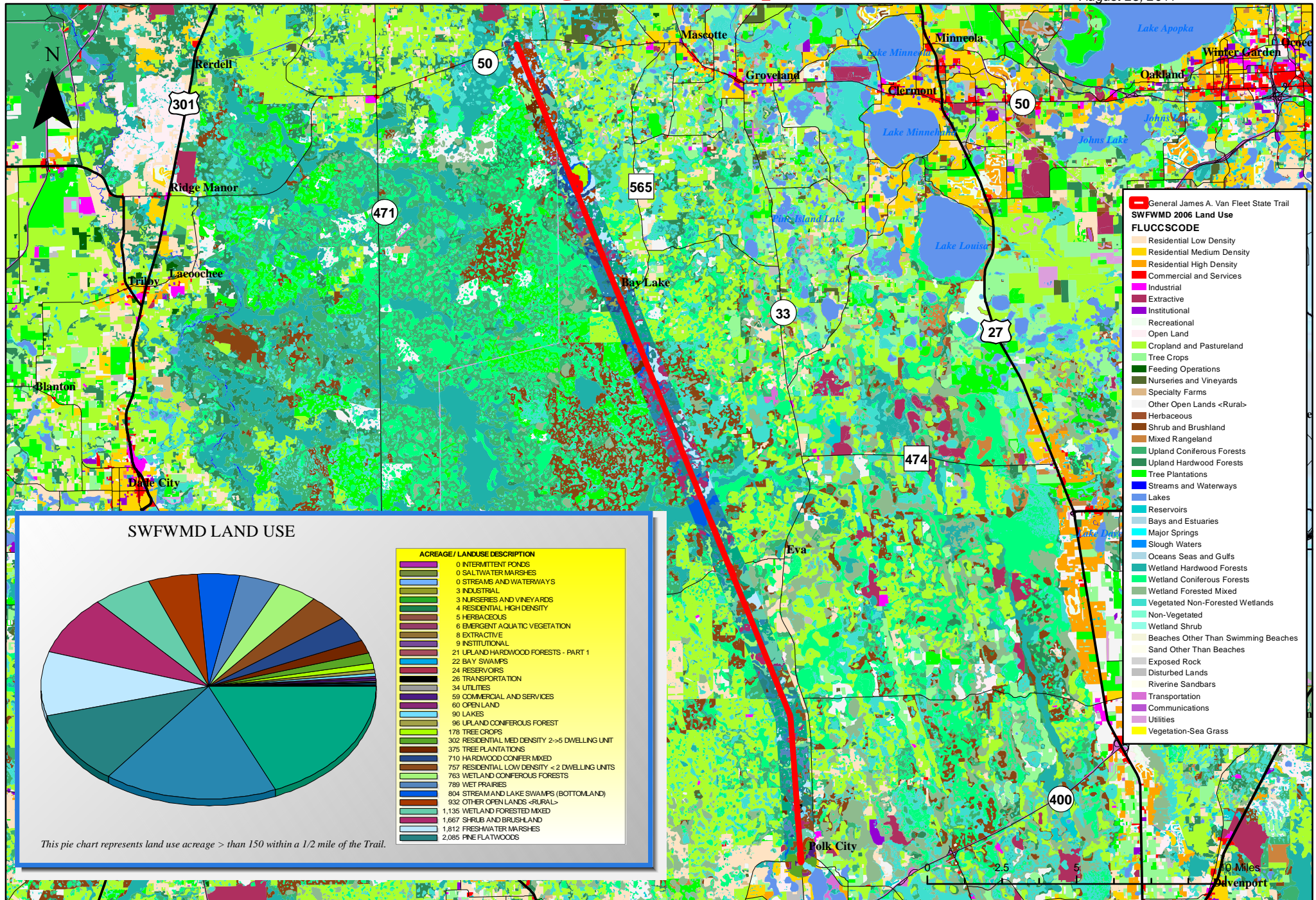
**Existing Land Use Map**

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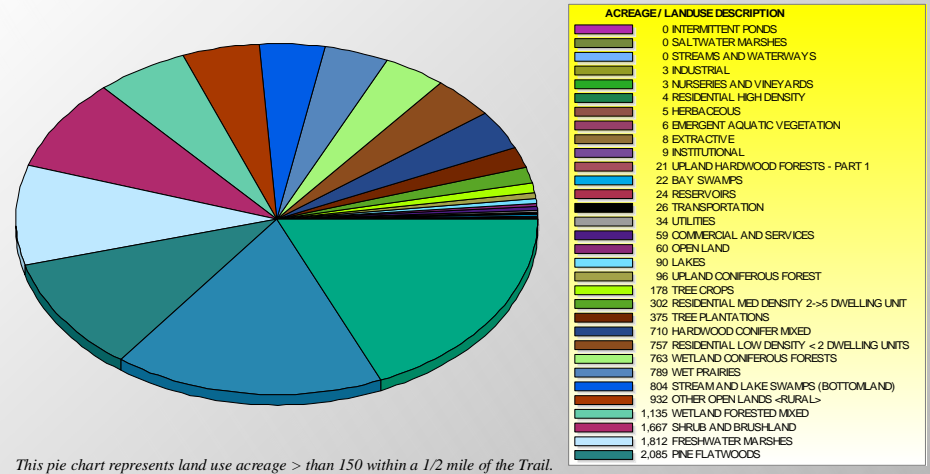
# Map 9 -- General James A. Van Fleet State Trail Existing Land Use Map

This map was produced by the Office of Greenways & Trails GIS section for display purposes only. Any other use is not advised. SJRWMD 2004 Land Use Data. August 25, 2011



- General James A. Van Fleet State Trail**
- SWFWMD 2006 Land Use**
- FLUCCSCODE**
- Residential Low Density
  - Residential Medium Density
  - Residential High Density
  - Commercial and Services
  - Industrial
  - Extractive
  - Institutional
  - Recreational
  - Open Land
  - Cropland and Pastureland
  - Tree Crops
  - Feeding Operations
  - Nurseries and Vineyards
  - Specialty Farms
  - Other Open Lands <Rural>
  - Herbaceous
  - Shrub and Brushland
  - Mixed Rangeland
  - Upland Coniferous Forests
  - Upland Hardwood Forests
  - Tree Plantations
  - Streams and Waterways
  - Lakes
  - Reservoirs
  - Bays and Estuaries
  - Major Springs
  - Slough Waters
  - Oceans Seas and Gulfs
  - Wetland Hardwood Forests
  - Wetland Coniferous Forests
  - Wetland Forested Mixed
  - Vegetated Non-Forested Wetlands
  - Non-Vegetated
  - Wetland Shrub
  - Beaches Other Than Swimming Beaches
  - Sand Other Than Beaches
  - Exposed Rock
  - Disturbed Lands
  - Riverine Sandbars
  - Transportation
  - Communications
  - Utilities
  - Vegetation-Sea Grass

SWFWMD LAND USE



This pie chart represents land use acreage > than 150 within a 1/2 mile of the Trail.



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**MAP 10**

**Future Land Use Map**

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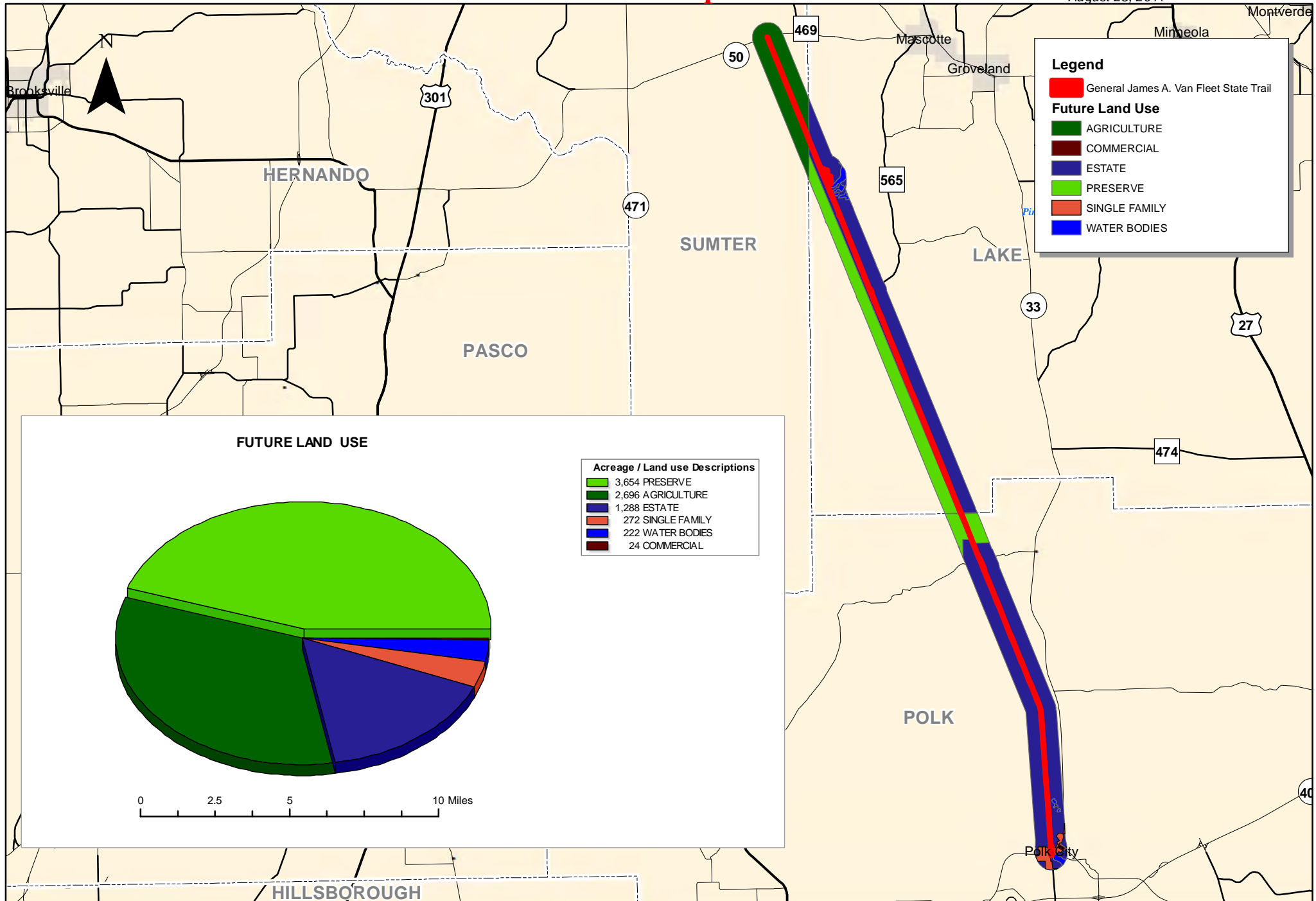




# Map 10 -- General James A. Van Fleet State Trail Future Land Use Map

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

August 25, 2011



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**Appendix A.1**

**Original Lease 3910**

**Legal Description and Warranty Deed**

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

LEASE AGREEMENT

Lease No. 3910

This lease is made and entered into this 5<sup>th</sup> day of March, 1991, 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 NATURAL RESOURCES, 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 Natural Resources.

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

3. TERM: The term of this lease shall be for a period of fifty (50) years, commencing on March 19, 1991 and ending on March 19, 2041, unless sooner terminated pursuant to the provisions of this lease.

4. PURPOSE: LESSEE shall manage the leased premises only for the conservation and protection of natural and historical resources and resource based public outdoor recreation which is compatible with the conservation and protection of these public lands, as set forth in subsection 253.023(11), Florida Statutes, along with other related uses necessary for the accomplishment of this purpose as designated in the Management Plan required by paragraph 7 of this lease.

5. QUIET ENJOYMENT AND RIGHT OF USE: LESSEE shall have the right of ingress and egress to, from and upon the leased premises for all purposes necessary to the full quiet enjoyment by said LESSEE of the rights conveyed herein.

6. UNAUTHORIZED USE: LESSEE shall, through its agents and employees, prevent the unauthorized use of the leased premises or any use thereof not in conformance with this lease.

7. MANAGEMENT PLAN: LESSEE shall prepare and submit a Management Plan for the leased premises, in accordance with Section 253.034, Florida Statutes, and Chapters 18-2 and 18-4, Florida Administrative Code, within 12 months of the effective date of this lease. The Management Plan shall be submitted to LESSOR for approval through the Division of State Lands. The leased premises shall not be developed or physically altered in any way other than what is necessary for security and maintenance of the leased premises without the prior written approval of LESSOR until the Management Plan is approved. The Management Plan shall emphasize the original management concept as approved by LESSOR at the time of acquisition which established the primary public purpose for which the leased premises were acquired. The approved Management Plan shall provide the basic guidance for all management activities and shall be reviewed jointly by LESSEE and LESSOR at least every five (5) years. LESSEE shall not use or alter the leased premises except as provided for in the approved Management Plan without the prior written approval of LESSOR. The Management Plan prepared under this lease shall identify management strategies for exotic species, if present. The introduction of exotic species is

prohibited, except when specifically authorized by the approved Management Plan.

8. RIGHT OF INSPECTION: LESSOR or its duly authorized agents shall have the right at any and all times to inspect the leased premises and the works and operations thereon of LESSEE, in any matter pertaining to this lease.

9. INSURANCE REQUIREMENTS: LESSEE shall procure and maintain adequate fire and extended risk insurance coverage for any improvements or structures located on the leased premises in amounts not less than the full insurable replacement value of such improvements by preparing and delivering to the Division of Risk Management, Department of Insurance, a completed Florida Fire Insurance Trust Fund Coverage Request Form immediately upon erection of any structures as allowed by paragraph 4 of this lease. A copy of said form and immediate notification in writing of any erection or removal of structures or other improvements on the leased premises and any changes affecting the value of the improvements shall be submitted to the following: Bureau of Land Management Services, Division of State Lands, Department of Natural Resources, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399.

10. LIABILITY: LESSEE shall assist in the investigation of injury or damage claims either for or against LESSOR or the State of Florida pertaining to LESSEE'S respective areas of responsibility under this lease or arising out of LESSEE'S respective management programs or activities and shall contact LESSOR regarding the legal action deemed appropriate to remedy such damage or claims.

11. ARCHAEOLOGICAL AND HISTORIC SITES: Execution of this lease in no way affects any of the parties' obligations pursuant to Chapter 267, Florida Statutes. The collection of artifacts or the disturbance of archaeological and historic sites on state-owned lands is prohibited unless prior authorization has been obtained from the Department of State, Division of Historical Resources. The Management Plan prepared pursuant to Section 253.034, Florida Statutes, shall be reviewed by the Division of

Historical Resources to insure that adequate measures have been planned to locate, identify, protect and preserve the archaeological and historic sites and properties on the leased premises.

12. EASEMENTS: All easements including, but not limited to, utility easements are expressly prohibited without the prior written approval of LESSOR. Any easement not approved in writing by LESSOR shall be void and without legal effect.

13. SUBLEASES: This lease is for the purposes specified herein and subleases of any nature are prohibited, without the prior written approval of LESSOR. Any sublease not approved in writing by LESSOR shall be void and without legal effect.

14. SURRENDER OF PREMISES: Upon termination or expiration of this lease LESSEE shall surrender the leased premises to LESSOR. In the event no further use of the leased premises or any part thereof is needed, written notification shall be made to the Bureau of Land Management Services, Division of State Lands, Department of Natural Resources, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399, at least six (6) months prior to the release of all or any part of the leased premises. Notification shall include a legal description, this lease number and an explanation of the release. The release shall only be valid if approved by LESSOR through execution of a release of lease instrument with the same formality as this lease. Upon release of all or any part of the leased premises or upon expiration or termination of this lease, all improvements, including both physical structures and modifications to the leased premises, shall become the property of LESSOR, unless LESSOR gives written notice to LESSEE to remove any or all such improvements at the expense of LESSEE. The decision to retain any improvements upon termination of this lease shall be at LESSOR'S sole discretion. Prior to surrender of all or any part of the leased premises, a representative of the Division of State Lands shall perform an on-site inspection and the keys to any buildings on the leased premises shall be turned over to the Division. If the leased premises and improvements located thereon do not meet all



conditions set forth in paragraphs 18 and 21 herein, LESSEE shall pay all costs necessary to meet the prescribed conditions.

15. BEST MANAGEMENT PRACTICES: LESSEE shall implement applicable Best Management Practices for all activities conducted under this lease in compliance with paragraph 18-2.004(1)(d), Florida Administrative Code, which have been selected, developed, or approved by LESSOR, LESSEE or other land managing agencies for the protection and enhancement of the leased premises.

16. PUBLIC LANDS ARTHROPOD CONTROL PLAN: LESSEE shall identify and subsequently designate to the respective arthropod control district or districts within one year of the effective date of this lease all of the environmentally sensitive and biologically highly productive lands contained within the leased premises, in accordance with Section 388.4111, Florida Statutes and Chapter 10D-54, Florida Administrative Code, for the purpose of obtaining a public lands arthropod control plan for such lands.

17. DUPLICATE ORIGINALS: This lease is executed in duplicate originals each of which shall be considered an original for all purposes.

18. UTILITY FEES: LESSEE shall be responsible for the payment of all charges for the furnishing of gas, electricity, water and other public utilities to the leased premises and for having all utilities turned off when the leased premises are surrendered.

19. ASSIGNMENT: This lease shall not be assigned in whole or in part without the prior written consent of LESSOR. Any assignment made either in whole or in part without the prior written consent of LESSOR shall be void and without legal effect.

20. PLACEMENT AND REMOVAL OF IMPROVEMENTS: All buildings, structures, improvements, and signs shall be constructed at the expense of LESSEE in accordance with plans prepared by professional designers and shall require the prior written approval of LESSOR as to purpose location, and design. Further, no trees, other than non-native species, shall be removed or major land alterations done without the prior written approval of

LESSOR. Removable equipment and removable improvements placed on the leased premises by LESSEE which do not become a permanent part of the leased premises will remain the property of LESSEE and may be removed by LESSEE upon termination of this lease.

21. MAINTENANCE OF IMPROVEMENTS: LESSEE shall maintain the real property contained within the leased premises and any improvements located thereon, in a state of good condition, working order and repair including, but not limited to, keeping the leased premises free of trash or litter, maintaining all planned improvements as set forth in the approved Management Plan, meeting all building and safety codes in the location situated and maintaining any and all existing roads, canals, ditches, culverts, risers and the like in as good condition as the same may be at the date of this lease; provided, however, that any removal, closure, etc., of the above improvements shall be acceptable when the proposed activity is consistent with the goals of conservation, protection, and enhancement of the natural and historical resources within the leased premises and with the approved Management Plan.

22. ENTIRE UNDERSTANDING: This lease sets forth the entire understanding between the parties and shall only be amended with the prior written approval of LESSOR.

23. BREACH OF COVENANTS, TERMS, OR CONDITIONS: Should LESSEE breach any of the covenants, terms, or conditions of this lease, LESSOR shall give written notice to LESSEE to remedy such breach within sixty (60) days of such notice. In the event LESSEE fails to remedy the breach to the satisfaction of LESSOR within sixty (60) days of receipt of written notice, LESSOR may either terminate this lease and recover from LESSEE all damages LESSOR may incur by reason of the breach including, but not limited to, the cost of recovering the leased premises or maintain this lease in full force and effect and exercise all rights and remedies herein conferred upon LESSOR.

24. NO WAIVER OF BREACH: The failure of LESSOR to insist in any one or more instances upon strict performance of any one or more of the covenants, terms and conditions of this lease

shall not be construed as a waiver of such covenants, terms and conditions, but the same shall continue in full force and effect, and no waiver of LESSOR of any one of the provisions hereof shall in any event be deemed to have been made unless the waiver is set forth in writing, signed by LESSOR.

25. PROHIBITIONS AGAINST LIENS OR OTHER ENCUMBRANCES: Fee title to the leased premises is held by LESSOR. LESSEE shall not do or permit anything which purports to create a lien or encumbrance of any nature against the real property contained in the leased premises including, but not limited to, mortgages or construction liens against the leased premises or against any interest of LESSOR therein.

26. CONDITIONS AND COVENANTS: All of the provisions of this lease shall be deemed covenants running with the land included in the leased premises, and construed to be "conditions" as well as "covenants" as though the words specifically expressing or imparting covenants and conditions were used in each separate provision.

27. DAMAGE TO THE PREMISES: LESSEE agrees that it will not do, or suffer to be done, in, on or upon the leased premises or as affecting said leased premises, any act which may result in damage or depreciation of value to the leased premises, or any part thereof. LESSEE shall not dispose of any contaminants including, but not limited to, hazardous or toxic substances, chemicals or other agents used or produced in LESSEE'S operations, on the leased premises or on any adjacent state land or in any manner not permitted by law.

28. PAYMENT OF TAXES AND ASSESSMENTS: LESSEE shall assume full responsibility for and shall pay all liabilities that accrue to the leased premises or to the improvements thereon, including any and all drainage and special assessments or taxes of every kind and all mechanic's or materialism's liens which may be hereafter lawfully assessed and levied against the leased premises.

29. RIGHT OF AUDIT: LESSEE shall make available to LESSOR all financial and other records relating to this lease and LESSOR

shall have the right to audit such records at any reasonable time. This right shall be continuous until this lease expires or is terminated. This lease may be terminated by LESSOR should LESSEE fail to allow public access to all documents, papers, letters or other materials made or received in conjunction with this lease, pursuant to Chapter 119, Florida Statutes.

30. NON-DISCRIMINATION: LESSEE shall not discriminate against any individual because of that individual's race, color, religion, sex, national origin, age, handicap, or marital status with respect to any activity occurring within the leased premises or upon lands adjacent to and used as an adjunct of the leased premises.

31. COMPLIANCE WITH LAWS: LESSEE agrees that this lease is contingent upon and subject to LESSEE obtaining all applicable permits and complying with all applicable permits, regulations, ordinances, rules, and laws of the State of Florida or the United States or of any political subdivision or agency of either.

32. TIME: Time is expressly declared to be of the essence of this lease.

33. GOVERNING LAW: This lease shall be governed by and interpreted according to the laws of the State of Florida.

34. SECTION CAPTIONS: Articles, subsections and other captions contained in this lease are for reference purposes only and are in no way intended to describe, interpret, define or limit the scope, extent or intent of this lease or any provisions thereof.

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 G. Crabbe (SEAL)  
CHIEF, BUREAU OF LAND MANAGEMENT  
SERVICES, DIVISION OF STATE  
LANDS, DEPARTMENT OF NATURAL  
RESOURCES

Jessie R. Carr  
Witness

Lillian M. Jefferson  
Witness

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of March, 1991, by Daniel T. Crabb as Chief, Bureau of Land Management Services / Department of Natural Resources.

Sylvia Scott (SEAL)  
NOTARY PUBLIC

My Commission Expires:  Notary Public, State of Florida  
 My Commission Expires July 25, 1993  
 Bonded Thru Troy Fain - Insurance Inc.

Approved as to Form and Legality

By: William C. Robinson  
DNR Attorney

STATE OF FLORIDA DEPARTMENT OF  
NATURAL RESOURCES, DIVISION OF  
RECREATION AND PARKS

BY: James P. Marshall (SEAL)

Its: Director

"LESSEE"

Yolanda R Waters  
Witness  
Rose Eggleston  
Witness

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 19 day of MARCH, 1991, by FRAN P. MARINELLA, as Director

Madeline E. Phelan (SEAL)  
NOTARY PUBLIC

My Commission Expires:

Notary Public, State of Florida  
 My Commission Expires May 1, 1994  
 Bonded Thru Troy Fain - Insurance Inc.

6500 7350  
850  
352.00 D.S.  
425.50

This instrument prepared by  
or under the direction of:

MABEL-POLK CITY-MAS  
JA43\290138B.KCP

Documentary Stamps \$ 352.00  
Intangible Tax \$ \_\_\_\_\_  
PAID 3 day of June, 1991  
BERNARD R. SHELLETT, JR., CLERK  
CIRCUIT COURT, SUMTER COUNTY, FLORIDA  
BY [Signature]

Attorney for Grantor  
Business Address:  
500 Water Street  
Jacksonville, Florida 32202

This document executed  
in three (3) original  
counterparts, for  
simultaneous recording  
in three (3) counties.  
Counterpart No. 1 of 3

THIS WARRANTY DEED, made this 12th day of December, 1990,  
between CSX TRANSPORTATION, INC., a Virginia corporation, whose mailing address  
is 500 Water Street, Jacksonville, Florida 32202, hereinafter called "Grantor",  
and the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF  
FLORIDA, whose mailing address is 3900 Commonwealth Boulevard, Mail Station 115,  
Tallahassee, Florida 32399, hereinafter called "Grantee", and CHEMICAL BANK,  
Trustee as hereinafter provided, WITNESSETH:

(Wherever used herein, the terms "Grantor" and "Grantee"  
may be construed in the singular or plural as the context may  
require or admit, and for purposes of exceptions, reservations  
and/or covenants, shall include the successors and assigns of  
corporations and public bodies.)

THAT Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS  
(\$10.00), and other valuable consideration, the receipt of which is hereby  
acknowledged, has granted, bargained and sold, and by these presents does GRANT,  
BARGAIN, SELL and CONVEY unto Grantee, its successors and assigns forever, all  
right, title and interest in and to that certain tract or parcel of land situate,  
lying and being between Mabel and Polk City in Sumter, Lake and Polk Counties,  
Florida, hereinafter designated the "Premises", and more particularly described  
in Exhibit A ("Premises A") and Exhibits B-1 and B-2 ("Premises B"), attached  
hereto and incorporated herein, AND, FURTHER, Grantor has bargained and sold, and  
by these presents does BARGAIN, SELL, RELEASE, REMISE and CONVEY unto Grantee,  
its successors and assigns forever, all right, title, and interest, if any, in  
and to that certain tract or parcel of land situate, lying and being between  
Mabel and Polk City in Sumter, Lake and Polk Counties, Florida, hereinafter also  
designated the "Premises", more particularly described in Exhibit C  
("Premises C"), attached hereto and incorporated herein.

TOGETHER WITH all buildings, structures and improvements thereon, and all  
and singular the rights, alleys, ways, waters, privileges, hereditaments and  
appurtenances to said Premises belonging or in anyway incident or appertaining.

R-7 DANESE TITLE & ABSTRACT  
3820-2 WILLIAMSBURG PARK BLVD.  
JACKSONVILLE, FL. 32257

23453  
[Signature]

FILED AND RECORDED IN  
PUBLIC RECORDS OF  
SUMTER COUNTY, FLORIDA  
RECORD YEAR  
JAN 3 3 56  
BERNARD R. SHELLETT, JR.  
CLERK OF CIRCUIT COURT  
BY: \_\_\_\_\_

Approved As to Form and Legality  
By: [Signature]  
Date: 1/28/91

TO HAVE AND TO HOLD Premises A unto Grantee, Grantee's successors and assigns, in fee simple forever.

SUBJECT to reservations, exceptions and restrictions of record, all existing public utilities, all encroachments, existing ways and servitudes, howsoever created, determinable by a proper survey or by an inspection of Premises A, Grantor hereby WARRANTS that Premises A are free from encumbrances, that it is seized of said Premises A in fee simple, and that it will forever warrant and defend all and singular Premises A unto Grantee against claims of or by Grantor and all other persons lawfully claiming or to claim the same or any part thereof, by, through or under Grantor.

TO HAVE AND TO HOLD PREMISES B and C, and all the estate, right, title, lien, interest and claim whatsoever of Grantor therein, either in law or equity, and all improvements thereon and appurtenances thereto, unto the proper use, benefit and enjoyment of Grantee, Grantee's successors and assigns, forever.

SUBJECT TO reservations, exceptions and restrictions of record, all existing public utilities, all encroachments, existing ways and servitudes, howsoever created, determinable by a proper survey or by an inspection of Premises B and C, Grantor WARRANTS that it has a property interest in Premises B only to the extent of and pursuant to the recorded instruments listed on Exhibit B-1 and that it has done nothing to alienate or impair such interests and Grantor further WARRANTS only that it had a property interest in the remainder of Premises B to the extent of and pursuant to the recorded instruments listed on Exhibit B-2. Except to the extent previously herein warranted as to Premises A and B, Grantor does not warrant any interest in Premises C.

FURTHER SUBJECT TO the non-exclusive rights to use a part of the Premises (Rail Corridor Segment) by MCI Telecommunications Corporation ("MCI"), its successors and assigns, whose principal office is 1133 19th Street, N.W., Washington, D.C. 20036, under Right-of-Way Occupancy Agreement(s), dated as of July 5, 1988, and recorded as shown on Exhibit D, attached hereto and incorporated herein, evidencing the terms of that Operating Agreement between MCI and Grantor ("CSXT"), dated as of December 22, 1982, as amended, for the installation, construction, maintenance, operation, use, replacement, relocation, renewal and removal, of a fiber optic telecommunications cable and data transmission system for MCI and Grantor ("the Fiber Optic Facilities") in, on, upon, over, under, across or along the Premises (Rail Corridor Segment), with all attendant equipment or facilities (both underground and surface), together with the right to attach the same to existing bridges or poles on the Premises, for a term running through December 22, 2007, with right of MCI to extend thereafter for successive terms of twenty (20) years, twenty-five (25) years, twenty (20) years, and twenty (20) years, and thereafter for so long as MCI continues to utilize the Fiber Optic Facilities in or on the Premises, all as more particularly set forth in the appropriate Right-of-Way Occupancy Agreement(s) and said Operating Agreement.

NO. 3910  
EXHIBIT A  
PAGE 11 OF 25

AND THIS DEED FURTHER WITNESSETH that Chemical Bank, a New York corporation, Corporate Trustee under the former Seaboard Coast Line Railroad Company's Consolidated Mortgage dated March 15, 1971, as supplemented, has executed this deed for the sole purpose of releasing and does hereby release all estate, right, title, lien and interest of the Trustee under said Mortgage, in and to the property herein conveyed, or in and to the estate, right, title and interest herein quitclaimed, pursuant to the provisions of Section 5.02 of Article Five of said Mortgage; Individual Trustee, L. F. Sadler of Jacksonville, Florida, being relieved of any obligation to join in such release by Section 10.06 of Article Ten of said Mortgage. This release is subject to any and all the same rights, reservations, exceptions, limitations and agreements herein specified on behalf of the Grantor, and is without covenant or warranty, express or implied, and without recourse against said Trustee in any event, and recitals of fact herein are to be taken only as recitals of Grantor and Grantee and not of Trustee.

IN WITNESS WHEREOF, CSX TRANSPORTATION, INC., a Virginia corporation, and CHEMICAL BANK, (as the aforesaid Trustee), pursuant to due corporate authority, have caused their names to be signed hereto by their officers hereunto duly authorized and their corporate seals, duly attested, to be hereunto affixed.

Signed, sealed and delivered  
in the presence of:

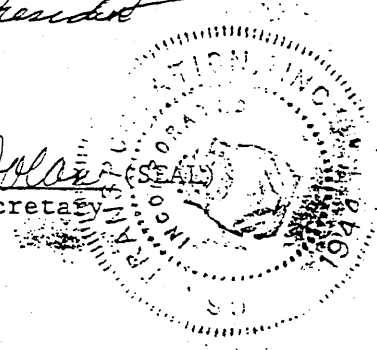
CSX TRANSPORTATION, INC.:

Kathryn R. Casey

By: Donald J. Nichols  
Its: President

Robert C. Tinkalton

Attest: Joyce A. Bolan (SEAL)  
Assistant Secretary

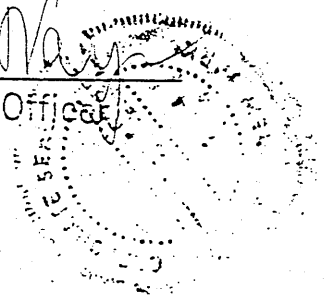


Signed, sealed and delivered  
in the presence of:

CHEMICAL BANK, as Corporate  
Trustee as aforesaid:

James P. [Signature]  
[Signature] Mulroy

By: [Signature]  
Its: Trust Officer  
Attest: [Signature]  
Assistant Trust Officer



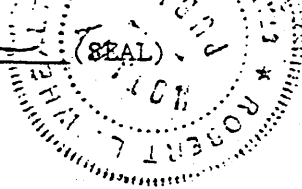


STATE OF FLORIDA )  
                          ) SS.  
COUNTY OF DUVAL )

I, Robert L. Whealton, a Notary Public of the State of Florida and the County of Duval, do certify that, on the date below, before me in said County personally came Gerald L. Nichols to me known, and known to me to be the person whose name is subscribed to the above instrument, who, being by me first duly sworn, did depose, acknowledge and say that: he resides in Jacksonville, Duval County, Florida; he is Senior Vice President, of CSX Transportation, Inc., the corporation described in and which executed said instrument; he is fully informed of the contents of the instrument; he knows the seal of said corporation; the seal affixed to said instrument is such seal; it was so affixed by authority of the Board of Directors of said corporation; he signed his name thereto for said corporation pursuant to such authority; and instrument is the free act and deed of said corporation; and the conveyance herein is not part of a transaction, sale, lease, exchange or other transfer or conveyance of all or substantially all of the property and/or assets of the Grantor.

IN WITNESS WHEREOF, I hereunto set my hand and official seal, this 12th day of December, 1990.

My commission expires on:  
NOTARY PUBLIC, STATE OF FLORIDA  
My commission expires. Dec. 7, 1993  
Bonded thru Patterson - Becht Agency

Robert L. Whealton  
Notary Public  


STATE OF NEW YORK )  
                          ) SS.  
COUNTY OF NEW YORK )

I, Louis Bodi, a Notary Public of said County and State, duly authorized to take acknowledgements, do certify that on December 18, 1990, before me in said County and State personally came M. STEIN and V. VAYN, to me known, and known to me to be the persons whose name are subscribed to the above instrument, bearing date on the 18th day of December, 1990, who, being by me first duly sworn, did severally depose, acknowledge and say that: They are Trust Officer and Assistant Trust Officer, respectively, of Chemical Bank, a corporation under the laws of the State of New York, and Corporate Trustee under the Consolidated Mortgage made by the former Seaboard Coast Line Railroad Company, dated March 15, 1971, as supplemented and modified; they, being informed of the contents of the instrument, signed their names thereto with full authority to act for said corporation; the seal of the corporation was affixed to the instrument, and the instrument delivered, by said M. STEIN, Trust Officer as aforesaid, by like authority; and said instrument is the free act and deed of said corporation.

IN WITNESS WHEREOF, I hereunto set my hand and official seal, the day and year written above.

My commission expires on: LOUIS BODI  
Notary Public, State of New York  
No. 43-4918901  
Qualifies in Richmond County  
Certificate filed in New York County  
Commission Expires February 8, 1992

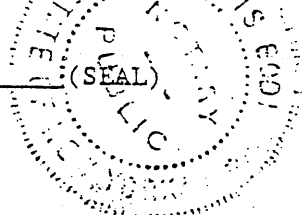
Louis Bodi  
Notary Public  


EXHIBIT A

Description of property between: Mabel and Polk City, Florida  
 To: Board of Trustees of the Internal Improvement  
 Trust Fund of the State of Florida  
 CSXT Deed File No.: Mabel-Polk City-MAS

SUMTER COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
5*	2	F. L. Ruthland, et al.	FW&N**	07-10-1924	85	545
5	6	A. P. Bratt, et ux.	FW&N	03-15-1926	93	256
5	1,3,4 & 5	Jefferson Construction	FW&N	09-23-1924	87	213

LAKE COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
6	8	E. E. Edge, et ux.	FW&N	05-30-1925	113	171
6	12	S. L. Lee	FW&N	11-02-1939	189	188
6	13	Thelma Ray Knight	FW&N	12-12-1949	294	589
6	11 & 14	Lillian Newman, et al.	FW&N	04-27-1955	370	135
6	1	Jefferson Construction	FW&N	09-23-1924	113	496
6	5	Jefferson Construction	FW&N	01-24-1927	138	40
7	2	Schroeder Land & Timber	FW&N	12-06-1929	152	338
7	4	J. F. Burns, et ux.	FW&N	07-10-1924	105	205
7	6	Perry Sloan, et ux.	FW&N	07-11-1924	105	206
7	9	Perry Sloan, et ux.	FW&N	01-23-1925	108	148
7	10	Petty Sloan, et ux.	FW&N	01-15-1930	152	558
7	7	Jefferson Construction	FW&N	01-27-1927	138	40
9	1, 3 & 6	Jefferson Construction	FW&N	01-27-1927	138	40
9	4	The Cummer Company	FW&N	10-05-1925	119	355

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EXHIBIT A  
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POLK COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
9	9	F. D. Bryan	FW&N	11-10-1926	338	26
9	1, 3 & 6	Jefferson Construction	FW&N	01-27-1927	344	147
9	8	Jefferson Construction	FW&N	01-27-1927	344	143
10	2	Jefferson Construction	FW&N	09-23-1924	282	359
11	2 & 3	Jefferson Construction	FW&N	09-23-1924	282	359
11	1	Jefferson Construction	FW&N	01-27-1927	344	143
11	4	E. V. Haynes, et ux.	FW&N	06-12-1924	238	487
11	3	Jefferson Construction	FW&N	09-23-1924	282	359
12	2	E. V. Haynes, et ux.	FW&N	06-12-1924	238	487
12	3 & 4	Jefferson Construction	FW&N	09-23-1924	282	359
12	16	Haynes Van Horn Company	FW&N	03-30-1927	386	240

\* All property is shown on CSX Transportation Valuation Section V-5-FLA, L-27.

\*\* FW&N is Florida, Western & Northern Railroad Company.

Florida, Western & Northern Railroad Company (FW&N) merged into the Seaboard Air Line Railroad Company (SAL) on December 17, 1945. The Atlantic Coast Line Railroad Company (ACL) and SEaboard Air Line Railroad Company (SAL) merged to form Seaboard Coast Line Railroad Company (SCL) on July 1, 1967. On December 29, 1982, Seaboard Coast Line Railroad Company changed its name to Seaboard System Railroad, Inc., and on July 1, 1986, Seaboard System Railroad, Inc. changed its name to CSX Transportation, Inc.

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 HIBIT A  
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EXHIBIT B-1

Description of property between: Mabel and Polk City, Florida  
 To: Board of Trustees of the Internal Improvement  
 Trust Fund of the State of Florida  
 CSXT Deed File No.: Mabel-Polk City-MAS

LAKE COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
6*	4	S. L. Lee, et al.	FW&N**	05-05-1924	105	297
6	10	Richloam Farms Company	FW&N	06-23-1927	144	568
7	11	H. L. Wilkerson	FW&N	07-11-1941	174	556
9	2	Jefferson Construction	FW&N	09-23-1924	113	496

POLK COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
9	5	Jefferson Construction	FW&N	09-23-1924	282	359
11	2 & 5	Jefferson Construction	FW&N	09-23-1924	282	359
12	1	Jefferson Construction	FW&N	09-23-1924	282	359

\* All property is shown on CSX Transportation Valuation Section V-5-FLA, L-27.

\*\* FW&N is Florida, Western & Northern Railroad Company.

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 EXHIBIT A  
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EXHIBIT B-2

Description of property between: Mabel and Polk City, Florida  
 To: Board of Trustees of the Internal Improvement  
 Trust Fund of the State of Florida  
 CSXT Deed File No.: Mabel-Polk City-MAS

LAKE COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
6	3	T. L. Carter	Jeff. Const.	05-14-1924	105	103

POLK COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
9	7	A. T. Williams Estate	FW&N	07-25-1924	MB-D	530
12	5	R. H. Omohundro, et al.	FW&N	07-30-1924	MB-D	510
12	7	O. P. Branch, et al.	FW&N	07-30-1924	MB-D	514

\* All property is shown on CSX Transportation Valuation Section V-5-FLA, L-27.

\*\* FW&N is Florida, Western & Northern Railroad Company.

EXHIBIT C

DESCRIPTION:

ALL THAT PART OF THE CSX RAILROAD CORRIDOR AS SHOWN ON RIGHT-OF-WAY AND TRACK MAP SECTION V.5, FLA., L-27, SHEETS 5-12, FROM THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 50 IN SECTION 14, TOWNSHIP 22 SOUTH, RANGE 23 EAST, SUMTER COUNTY, FLORIDA, TO CSX VALUATION STATION 2406+17.5 IN SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST, POLK COUNTY, FLORIDA, LESS AND EXCEPT THAT FORMER RIGHT-OF-WAY CONVEYED TO THE F.W. & N. RAILROAD, A PREDECESSOR OF THE SELLER, BY SCHROEDER LAND & TIMBER COMPANY, BY DEED DATED JUNE 2, 1924, RECORDED IN DEED BOOK 105, PAGE 120, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, ALSO, LESS AND EXCEPT THAT FORMER RIGHT-OF-WAY CONVEYED TO THE F.W. & N. RAILROAD, A PREDECESSOR OF THE SELLER, BY J.C. GETZEN, AND WIFE WILLIE F. GETZEN, BY DEED DATED JULY 14, 1926, RECORDED IN DEED BOOK 133, PAGE 564, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA. SAID PROPERTY LIES IN THE COUNTIES OF SUMTER, LAKE AND POLK, STATE OF FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

DESCRIPTION OF ACQUISITION AREA LYING IN SUMTER COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 22 SOUTH, RANGE 23 EAST, LYING IN SUMTER COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE S.E. CORNER OF SECTION 11, TOWNSHIP 22 SOUTH, RANGE 23 EAST, THENCE RUN N 00°29'44" E ALONG THE EAST LINE OF SAID SECTION 11, A DISTANCE OF 4.74' TO A NON-TANGENT CIRCULAR CURVE CONCAVE TO THE SOUTH; HAVING A RADIUS OF 3819.83', SAID CURVE ALSO BEING THE CENTERLINE OF SURVEY OF STATE ROAD 50; THENCE WESTERLY ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 12°32'56", A DISTANCE OF 836.62' (CHORD BEARING S 77°03'19"W, CHORD LENGTH 834.95') TO A POINT OF TANGENCY; THENCE S 70°46'51" W ALONG SAID CENTERLINE A DISTANCE OF 734.29' TO THE POINT OF INTERSECTION WITH THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE S 21°16'45" E, A DISTANCE OF 75.05' TO THE INTERSECTION OF THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD 50 AND THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE CONTINUE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 19402.28' TO THE WEST LINE OF THE SOUTH-WEST 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST; THENCE S 02°31'51" W ALONG SAID WEST LINE, A DISTANCE OF 247.72' TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 19632.52' TO THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD 50; THENCE N 70°46'51"E ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 100.07' TO THE POINT OF BEGINNING. (44.808 ACRES, MORE OR LESS)

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XHIBIT A  
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## DESCRIPTION OF ACQUISITION AREA LYING IN POLK COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 25 SOUTH, RANGE 24 EAST; TOWNSHIP 25 SOUTH, RANGE 25 EAST; AND TOWNSHIP 26 SOUTH, RANGE 25 EAST, LYING IN POLK COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE N.E. CORNER OF SECTION 2, TOWNSHIP 25 SOUTH, RANGE 24 EAST, THENCE RUN S 89°57'41" W ALONG THE NORTH LINE OF THE NE 1/4 OF SAID SECTION 2, A DISTANCE OF 177.69' TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE S 21°19'54" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5107.02'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 3444.58'; THENCE S 89°02'05" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 108.08'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 2018.78' TO THE NORTHERLY RIGHT-OF-WAY LINE OF GREEN POND ROAD ("AS MAINTAINED"); THENCE N 81°37'16" W ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 115.12'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD, A DISTANCE OF 509.76'; THENCE S 21°20'18" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5858.17'; THENCE S 21°20'49" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 20011.75' TO THE BEGINNING OF A TANGENT CURVE HAVING A RADIUS OF 2915.11', CONCAVE TO THE WEST, SAID CURVE BEING SAID EASTERLY RIGHT-OF-WAY LINE; THENCE SOUTHERLY ALONG SAID CURVE TO THE RIGHT THROUGH A CENTRAL ANGLE OF 18°05'16", A DISTANCE OF 920.28' TO A POINT OF TANGENCY; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE A DISTANCE OF 24003.07' TO THE NORTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST (AS PER AMENDED MAP OF POLK CITY, PLAT BOOK 24, PAGE 1 AND 1-A, POLK COUNTY, FLORIDA); THENCE N 89°43'34" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 1321.79' TO THE SOUTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 32; THENCE S 89°43'34" W ALONG SAID SOUTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 189.31'; THENCE DEPARTING FROM SAID EASTERLY RIGHT-OF-WAY LINE RUN S 86°44'28" W PERPENDICULAR TO SAID EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 194.53' TO THE SOUTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 32; THENCE S 89°43'34" W ALONG SAID SOUTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE N 03°15'33' W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 1321.79' TO SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4; THENCE N 89°43'34" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 23997.85' TO THE BEGINNING OF A TANGENT CURVE HAVING A RADIUS

OF 2815.11', CONCAVE TO THE WEST, SAID CURVE BEING SAID WESTERLY RIGHT-OF-WAY LINE; THENCE NORTHERLY ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 18°05'16", A DISTANCE OF 888.71' TO A POINT OF TANGENCY; THENCE N 21°20'49" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 20011.76'; THENCE N 21°20'18" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5858.20'; THENCE N 21°18'56" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5957.07'; THENCE N 21°19'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5145.98' TO THE NORTH LINE OF THE NE 1/4 OF SECTION 2, TOWNSHIP 25 SOUTH, RANGE 24 EAST; THENCE N 89°57'41" E ALONG SAID NORTH LINE, A DISTANCE OF 107.33' TO THE POINT OF BEGINNING. ( 156.143 ACRES, MORE OR LESS )

DESCRIPTION OF ACQUISITION AREA LYING IN LAKE COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 22 SOUTH, RANGE 24 EAST; TOWNSHIP 23 SOUTH, RANGE 24 EAST; AND TOWNSHIP 24 SOUTH, RANGE 24 EAST, LYING IN LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE NW CORNER OF THE SW 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST, THENCE RUN S 02°31'51" W ALONG THE WEST LINE OF THE SW 1/4 OF SAID SECTION 31, A DISTANCE OF 92.40' TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, AND THE POINT OF BEGINNING; THENCE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 4384.02' TO THE NORTH LINE OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE S 89°36'26" E ALONG SAID NORTH LINE OF THE SE 1/4 OF THE NW 1/4, A DISTANCE OF 26.90'; THENCE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 1440.21' TO THE NORTH LINE OF THE NE 1/4 OF THE SW 1/4 OF SAID SECTION 6; THENCE S 89°22'19" E ALONG SAID NORTH LINE OF THE NE 1/4 OF THE SW 1/4, A DISTANCE OF 412.92' TO THE WEST LINE OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 00°18'44" E ALONG SAID WEST LINE OF THE NW 1/4 OF THE SE 1/4, A DISTANCE OF 260.05' TO THE SOUTH LINE OF THE NORTH 260' OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 89°22'19" E ALONG SAID SOUTH LINE OF THE NORTH 260' OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4, A DISTANCE OF 669.27' TO THE EAST LINE OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 00°23'39" E ALONG SAID EAST LINE OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4, A DISTANCE OF 1087.78' TO THE NORTH LINE OF THE SW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 89°17'49" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE SE 1/4, A DISTANCE OF 670.84' TO THE EAST LINE OF THE SW 1/4 OF SE 1/4 OF SAID SECTION 6; THENCE S 00°28'34" E ALONG SAID EAST LINE OF THE SW 1/4 OF THE SE 1/4, A DISTANCE OF 1348.76' TO THE SOUTH LINE OF SAID SECTION 6; THENCE N 89°13'20" W ALONG SAID SOUTH LINE, A DISTANCE OF 745.85' TO A POINT OF INTERSECTION WITH THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE S 21°16'45" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5962.56'; THENCE S



21°18'37" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 10268.98'; THENCE S 21°16'39" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 3982.00' TO THE WEST LINE OF THE SW 1/4 OF SECTION 28, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE N 00°09'58" W ALONG SAID WEST LINE, A DISTANCE OF 45.60' TO THE NORTH LINE OF THE SW 1/4 OF SAID SECTION 28; THENCE N 89°49'08" E ALONG SAID NORTH LINE OF THE SW 1/4, A DISTANCE OF 100.30'; THENCE S 21°16'39" E PARALLEL WITH THE CENTER-LINE OF SAID RAILROAD, A DISTANCE OF 346.44'; THENCE S 68°43'21" W, 110.00' TO THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE S 21°16'39" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 244.91'; THENCE S 21°18'06" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 8027.96'; THENCE S 21°18'53" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 11409.03'; THENCE S 21°19'10" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 15697.48'; THENCE S 21°19'54" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 6980.83'; THENCE S 89°57'41" W, A DISTANCE OF 107.33' TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE N 21°19'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 6941.86'; THENCE N 21°19'10" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE A DISTANCE OF 15697.50'; THENCE N 21°18'53" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 11409.04'; THENCE N 21°18'06" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE A DISTANCE OF 7872.53'; THENCE S 68°41'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 50.00'; THENCE N 21°18'06" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 155.47'; THENCE N 21°16'39" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 194.53'; THENCE N 68°43'21" E ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 50.00'; THENCE N 21°16'39" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 4372.38'; THENCE N 21°18'37" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 10268.16' TO THE WEST LINE OF SECTION 17, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE S 00°19'30" W ALONG SAID WEST LINE, A DISTANCE OF 135.61'; THENCE N 21°17'24" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 367.49' TO THE NORTH LINE OF SECTION 18, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE S 89°29'28" E ALONG SAID NORTH LINE, A DISTANCE OF 53.85'; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5782.51' TO THE SOUTH LINE OF SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE N 89°13'20" W ALONG SAID SOUTH LINE, A DISTANCE OF 26.97'; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 2178.88' TO THE NORTH LINE OF THE SOUTH 3/4 OF THE E 1/2 OF THE SW 1/4 OF SAID SECTION 6; THENCE S 89°20'06" E ALONG SAID NORTH LINE OF THE SOUTH 3/4 OF THE E 1/2 OF THE SW 1/4, A DISTANCE OF 26.95'; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 6282.84' TO THE WEST LINE OF THE SW 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST; THENCE N 02°31'51" E ALONG SAID WEST LINE, A DISTANCE OF 247.72' TO THE POINT OF BEGINNING. (221.253 ACRES, MORE OR LESS )

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LESS AND EXCEPT THE FOLLOWING DESCRIBED PARCELS OF LAND:

OUT PARCEL NO. 1 ( J.C. GETZEN D.B. 133, PG. 564 )

A PARCEL OF LAND LYING IN SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
 COMMENCE AT THE NORTHWEST CORNER OF SAID SECTION 6 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 89°50'36" EAST, ALONG THE NORTH LINE OF SAID SECTION 6, A DISTANCE OF 1083.90 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE SOUTH 89°50'36" EAST, ALONG SAID NORTH LINE, 107.44 FEET TO THE EAST RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE DEPARTING THE NORTH LINE OF SAID SECTION 6, RUN SOUTH 21°16'45" EAST, ALONG SAID EAST RAILROAD RIGHT-OF-WAY LINE, 1435.52 FEET TO THE NORTH LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 6; THENCE RUN NORTH 89°36'26" WEST, ALONG SAID NORTH LINE, 107.61 FEET TO THE AFORESAID WESTERLY RIGHT-OF-WAY LINE OF THE RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 1435.04 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 3.295 ACRES, MORE OR LESS.

OUT PARCEL NO. 2 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 7, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 7, FOR A POINT OF REFERENCE; THENCE RUN NORTH 89°21'26" WEST, ALONG THE SOUTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 1031.62 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE NORTH 89°21'26" WEST, ALONG SAID SOUTH LINE, 107.80 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 559.24 FEET TO THE WEST LINE OF THE SE 1/4 OF SAID NE 1/4 ; THENCE RUN NORTH 00°10'09" EAST, 273.50 FEET ALONG SAID WEST LINE TO THE AFORESAID EAST RAILROAD RIGHT-OF-WAY LINE; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 854.05 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 1.622 ACRES, MORE OR LESS.

OUT PARCEL NO. 3 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 17, TOWNSHIP 23 SOUTH, RANGE 24 EAST FOR THE POINT OF BEGINNING; THENCE RUN SOUTH 89°33'04" EAST, ALONG THE NORTH LINE OF SAID SECTION 17, A DISTANCE OF 26.16 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.63 FEET; THENCE RUN SOUTH 21°18'37" EAST, CONTINUING ALONG SAID EAST RIGHT-OF-WAY LINE, 10268.98 FEET; THENCE RUN SOUTH 21°16'39" EAST, 383.31 FEET; TO THE WEST LINE OF THE SE 1/4 OF THE SE 1/4 OF SECTION 20, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE DEPARTING SAID EASTERLY RIGHT-OF-WAY LINE, RUN SOUTH 00°41'34" EAST, ALONG SAID WEST LINE, 284.44 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 649.55 FEET; THENCE RUN NORTH 21°18'37" WEST, 10268.16 FEET; THENCE DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE, RUN NORTH 00°19'30" EAST, 205.60 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 25.030 ACRES, MORE OR LESS.

OUT PARCEL NO. 4 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 29 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 88°51'13" WEST, ALONG THE NORTH LINE OF SAID SECTION 29, A DISTANCE OF 1209.96 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID NORTH LINE, RUN SOUTH 21°16'39" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 1164.99 FEET TO THE WEST LINE OF THE E 1/2 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE RUN SOUTH 00°39'42" WEST, ALONG SAID WEST LINE, 251.74 FEET TO THE SOUTH LINE OF SAID NE 1/4 OF THE NE 1/4; THENCE RUN NORTH 89°46'58" EAST ALONG SAID SOUTH LINE, 100.79 FEET; THENCE RUN SOUTH 21°16'39" EAST, 1502.76 FEET TO THE EAST LINE OF SAID SECTION 29; THENCE RUN SOUTH 00°09'58" EAST ALONG SAID EAST LINE, 277.66 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 3233.16 FEET TO THE AFORESAID NORTH LINE OF SECTION 29; THENCE RUN NORTH 88°51'13" EAST, ALONG SAID

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NORTH LINE, 106.51 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 6.792 ACRES, MORE OR LESS.

OUT PARCEL NO. 5 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 4, TOWNSHIP 24 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SAID SECTION 4, FOR THE POINT OF BEGINNING; THENCE RUN NORTH 89°36'06" WEST, ALONG THE SOUTH LINE OF SAID SECTION 4, A DISTANCE OF 46.06 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID SOUTH LINE, RUN NORTH 21°18'53" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 5683.23 FEET; THENCE RUN NORTH 21°18'06" WEST, 39.66 FEET TO THE NORTH LINE OF SAID SECTION 4; THENCE RUN SOUTH 89°40'31" EAST, ALONG SAID NORTH LINE, 107.58 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN SOUTH 21°18'53" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 5559.01 FEET TO THE EAST LINE OF SAID SECTION 4; THENCE RUN SOUTH 00°44'15" WEST ALONG SAID EAST LINE, 152.40 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 13.031 ACRES, MORE OR LESS.

171.483 ACRES, MORE OR LESS OF ACQUISITION AREA LYING IN LAKE COUNTY, FLORIDA.

THE TOTAL ACQUISITION AREA CONTAINS 372.434 ACRES, MORE OR LESS.

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OFF. REC. 420 PAGE 679

MCI RECORDING INFORMATION

<u>Location</u>	<u>Recording Date</u>	<u>Book</u>	<u>Page</u>	<u>Instrument Number</u>
Lake County, Florida	08-05-1988	0975	0848	8835537
Polk County, Florida	08-23-1988	2661	1612	087470 *
Polk County, Florida	08-23-1988	2661	1623	087471 *
Sumter County, Florida	08-05-1988	370	258	212986

\* The Agreement was recorded in two segments in Polk County, Florida.

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**Appendix A.2**

**Lease 3910 Amendment 1 (adding 49.77 acres)**

**Legal Description and Quit Claim Deed**

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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: 003910

Document Date: 09-30-1999

Original County: Lake

Section: 6, 7, 17, 20, 29 4

Township: 23 S and 24 S

Range: 24 E 24 E

Total Area / Area Unit: 49.77 (A) Acreage (S) Square Feet

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

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

Comments: Amendment # 1

General James A. Van Fleet State Trail

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

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(2) 3910

ATL1

49.77 acres

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

AMENDMENT NUMBER 01 TO LEASE NUMBER 3910

General James A. Van Fleet State Trail

THIS LEASE AMENDMENT is entered into this 30th day of September, 1999, 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 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 March 5, 1991, LESSOR and LESSEE entered into Lease Number 3910; and

WHEREAS, LESSOR and LESSEE desire to amend Lease Number 3910, to include additional lands in said lease.

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 3910 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof. Unless stated otherwise, all legal descriptions and exhibits of or related to Lease Number 3910, as amended, include all sovereignty lands which are located within the property described therein.

2. It is understood and agreed by LESSOR and LESSEE that in each and every respect the terms of the Lease Number 3910 except

6, 7, 17,  
29  
235  
24E  
4  
245  
24E

as amended shall remain unchanged and in full force and effect and the same are hereby ratified, approved and confirmed by LESSOR and LESSEE.

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

[Signature]  
Witness  
Tom Butler  
Print/Type Witness Name

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

[Signature]  
Witness  
TRACY PETERS  
Print/Type Witness Name

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

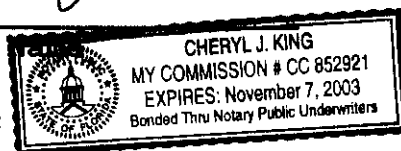
The foregoing instrument was acknowledged before me this 30th day of September, 1999, by Gloria Nelson, as Operation and Management Consultant manager, Bureau of Public Land Administration, Division of State Lands, Florida Department of Environmental Protection, as agent for and on behalf of the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida. She is personally known to me.

[Signature]  
Notary Public, State of Florida

Print/Type Notary

Commission Number:

Commission Expires:



Approved as to Form and Legality

By: [Signature]  
DEP Attorney

DEPARTMENT OF ENVIRONMENTAL  
PROTECTION, DIVISION OF  
RECREATION AND PARKS

Desiree M. Singletary  
Witness  
Desiree M. Singletary  
Print/Type Witness Name

By: Fran P. Mainella (SEAL)  
Fran P. Mainella  
Print/Type Name

Katherine L. Hugli  
Witness  
Katherine L. Hugli  
Print/Type Witness Name

Title: Director  
"LESSEE"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this  
28 day of September, 1999, by Fran P. Mainella  
as Director  
of Division of Recreation and Parks, Department of Environmental  
Protection. He/she is personally known to me.

Marlene E. Phinney  
Notary Public, State of Florida  
Marlene E. Phinney  
Print/Type Notary Name



Marlene E. Phinney  
MY COMMISSION # CC749735 EXPIRES  
June 9, 2002  
BONDED THRU TROY FAIN INSURANCE, INC.

Commission Number: CC 749735

Commission Expires: 6/9/2002

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ACQUISITIONS/DONATIONS

DATE 5/28/98

FILE NAME: DNR #259 - Rails To Trails  
Van Fleet St. Trail

- Verify information on deed transmittal with information found in ~~agenda certificate~~
- Verify that deed & title policy match legal description & OR book & page information
- Prepare deed & title policy for scanning (clip deed & title policy together & write the ~~BLA Review #~~ on deed, as well as, STR if needed)
- Assign SOLI Parcel Number
- Prepare SOLI copy & file in SOLI Revisions cabinet drawer
- Enter SOLI data in EXTRA!
- Request SOLI printout
- Index deed on card
- Put deed in appropriate file or in reconveyance volume
- ~~Transmit~~ Transmit copy of deed package to Div of Rec & Parks (if managing agency)
- Prepare file folder with name of project, record type "ADF" & agency code for scanning
- OUTCARD FOR DAY-FORWARD SCANNING!!!!

SOLI# 350256.0

SECTION	TOWNSHIP	RANGE
<del>6, 7, 17, 20, 29</del>	<u>23S</u>	<u>24E</u>
<u>4</u>	<u>24S</u>	<u>24E</u>
BLA REVIEW #	<u>N/A - DONATION</u>	
OR Book, Pg	<u>1539, 131</u>	
COST	<u>N/A</u>	
Acreage	<u>49.77</u>	

Memorandum

Florida Department of Environmental Protection

April 17, 1998

To:  Kathy Miklus, Planning Manager  
Title and Land Records Section (MS 108)

From: Lynda Chiapputo, Senior Acquisition Review Agent  
Bureau of Land Acquisition

Re: Project: Van Fleet State Trail/Phase II- Lake County  
Seller: CSX Transportation, Inc.  
BLA Review No.: DONATION

Attached are the following documents for the above referenced project:

- Original Warranty Deed                      Date Closed: 06/25/97
- Title Policy: (See attached)                      Closing Price: N/A
- Certified Survey                      Acreage: 49.77
- Other: Acceptance of Transfer of Title to Donated Lands

MS 108

NOT  
P2000  
CARL

Date of Cabinet Approval: N/A

Project to be managed by: Office of Greenways & Trails

Received by: Kim Van Zorge  
Title and Land Records Section

Date: 4/21/98

\* Please return a signed copy of memo to Patty Byrd as acknowledgment of receipt.

cc: BPLA (MS 130)  
Closing File



DNR 259 - Parks To Trails  
Van Fleet St. Trail  
Florida Department of  
**Environmental Protection**

**Memorandum**

DATE: April 10, 1997  
TO: Ed Kuester, Chief  
Bureau of Land Acquisition  
FROM: Bruce Staskiewics *B*  
Senior Management Analyst, II  
Office of Greenways and Trails  
RE: Van Fleet Trail Outparcels - Lake County

*goes with  
OR 1539, 131  
Lake Co.  
as explanation*

In December 1990, the Department of Natural Resources purchased an abandoned rail corridor extending approximately 29.2 miles from Polk City to Mabel in Lake and Sumter Counties from CSX Transportation Inc. (CSX). There were several parcels of land in Lake County that were acquired by the predecessor railroads to CSX that were subject to reversionary interests, to the grantors. Because of the reversionary interest, these parcels were excluded from the acquisition and are shown as exceptions on the survey and in the deed to the Board of Trustees (BOT).

In order for the Division of Recreation and Parks (DRP) to complete paving the corridor with ISTE A funding, the state must have color of title to the lands upon which improvements are being made.

Much discussion has taken place over the past several years about the best way to acquire an interest in the out parcels. Joe Boyd, the Department's outside counsel, who has specialized in issues related to the acquisition of railroad corridors researched this matter and opined based upon the conveyance of another portion of this same line, that a special master's deed issued in 1945 was sufficient root of title to allow a Marketable Record Title Act defense. (See attached memorandum from Joe Boyd dated February 2, 1996).

I have identified below the current issues surrounding this conveyance:

1. The DRP wants to complete the paving of the trail utilizing remaining ISTE A funding.
2. FDOT must be provided with documentation of a title interest to the property.

3. CSX will convey a quitclaim deed to the BOT conveying any interest they may have in the property for no consideration.
4. CSX has occupied the corridor exclusively until the conveyance to the state in 1991 and since that time DRP has occupied this property without interruption or objection from any adjacent land owner.
5. These parcels were surveyed as exceptions on the survey for the railroad corridor acquisition prepared by Regional Engineers, Planners and Surveyors, Inc. dated February 1991. A field inspection of the parcels conducted on March 19, 1997 did not indicate any visible encroachments on the property. The boundaries between the corridor and private ownerships are fenced as shown on the survey the and the remaining boundaries are adjacent to publicly owned land.
6. There are no signs of any adverse environmental impact to the parcels.
7. According to the Lake County Property Appraiser and Tax Collector none of the parcels have an assessed value. Even though these parcels were not conveyed to the Board of Trustees or any other party at the time of or subsequent to the sale to the State original acquisition, they currently show on the tax roles as publicly owned or no ownership at all.

Based upon the above information the Office of Greenways and Trails and DRP is recommending acceptance of a quitclaim deed to this property without evidence of marketability from CSX in order to establish an ownership interest in the corridor and complete the construction of the paved trail.

Attachments: Location Map of Parcels  
Joe Boyd Correspondence  
Proposed Quitclaim Deed

**From:** AL RUSSELL (Lynda Chiapputo)  
**To:** LOVERN\_R  
**Subject:** Van Fleet State Trail/ Phase II (5 parcels)

The survey and ESA was waived for the subject file. It was determined that this donation has no value and the state owns the surrounding property. Legal said that we may proceed without a title policy.

Under your delegated authority may we proceed to close without the title policy.

6/11/97  
OK  
to close.  
R. Russell

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This instrument prepared by  
or under the direction of:

1996-00707-BDJ  
12069-0163

*William C Basney*

William C. Basney, Esq.  
Senior Counsel  
CSX Transportation, Inc.  
500 Water Street  
Jacksonville, Florida 32202

REC 29.00 RECEIVED FOR  
TF 4.00 EXCISE TAXES  
MORT. DCG \_\_\_\_\_  
DEED DCG .70  
BY [Signature] D.C.  
C. 7.00 88  
JAMES G. WATKINS, CLERK LAKE CO. FL

THIS QUITCLAIM DEED, made this 25th day of June, 1997, between CSX TRANSPORTATION, INC., a Virginia corporation, whose mailing address is 500 Water Street, Jacksonville, Florida 32202, hereinafter called "Grantor", and the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, whose mailing address is c/o Florida Department of Environmental Protection, Office of Greenways and Trails - MS 795, 325 John Knox Road, Building 500, Tallahassee, Florida 32302-4124, hereinafter called "Grantee", WITNESSETH:

(Wherever used herein, the terms "Grantor" and "Grantee" may be construed in the singular or plural as the context may require or admit, and for purposes of exceptions, reservations and/or covenants, shall include the heirs, legal representatives and assigns of individuals or the successors and assigns of corporations and public bodies.)

RECORDED  
RECORD VERIFIED  
LAKE COUNTY, FL  
Aug 12 4 26 PM '97  
CLERK  
[Signature]  
QUIT

THAT Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00), to it in hand paid by Grantee, and other good and valuable consideration, the receipt of which is hereby acknowledged, does hereby RELEASE, REMISE and forever QUITCLAIM unto GRANTEE, all right, title and interest of Grantor, if any, in and to those five (5) certain tracts or parcels of land situate, lying and being in Lake County, Florida, and having tax parcel identification number(s) of \_\_\_\_\_, hereinafter individually designated "Out Parcel No. 1", "Out Parcel No. 2", "Out Parcel No. 3", "Out Parcel No. 4" and "Out Parcel No. 5", collectively designated "the Premises," more particularly described in Exhibit A, attached hereto and incorporated herein, and containing 49.77 acres, more or less.

TO HAVE AND TO HOLD the Premises, and all the estate, right, title, lien, interest and claim whatsoever of Grantor therein, either in law or equity, and all improvements thereon and appurtenances thereto, unto the proper use, benefit and enjoyment of Grantee, Grantee's heirs and assigns or successors and assigns, forever.

Grantee acknowledges that this deed is made upon Grantee's solicitation and request, and was not in any way initiated by Grantor. Grantor does not represent or warrant to Buyer any ownership or estate in said Premises or any specific title or interest in said Premises, which constituted a strip of Grantor's former railroad operating property; and Grantee hereby releases Grantor, its officers and agents, from any claim or demand resulting from this deed, or from any failure of or defect in Grantor's title to said Premises.

SUBJECT TO the non-exclusive rights to use a part of the Premises (Rail Corridor Segment) by MCI Telecommunications Corporation ("MCI"), its successors and assigns, whose principal office is 1133 19th Street, N.W., Washington, D. C. 20036, under Right-of-Way Occupancy Agreement(s), dated as of July 5, 1988 evidencing the terms of that Operating Agreement between MCI and Grantor ("CSXT"), dated as of December 22, 1982, as amended, for the installation, construction, maintenance, operation, use, replacement, relocation, renewal and removal, of a fiber optic telecommunications cable and data transmission system for MCI and Grantor ("the Fiber Optic Facilities") in, on, upon, over, under, across or along the Premises (Rail Corridor Segment), with all attendant equipment or facilities (both underground and surface), together with the right to attach the same to existing bridges or poles on the Premises, for a term running through December 22, 2007, with right of MCI to extend thereafter for successive terms of twenty (20) years, twenty-five (25) years, twenty (20) years, and twenty (20) years, and thereafter for so long as MCI continues to utilize the Fiber Optic Facilities in or on the Premises, all as more particularly set forth in the appropriate Right-of-Way Occupancy Agreement(s) and said Operating Agreement.

IN WITNESS WHEREOF, CSX TRANSPORTATION, INC., pursuant to due corporate authority, has caused its name to be signed hereto by its officers hereunto duly authorized and its corporate seal, duly attested, to be hereunto affixed.

Signed, sealed and delivered  
in the presence of:

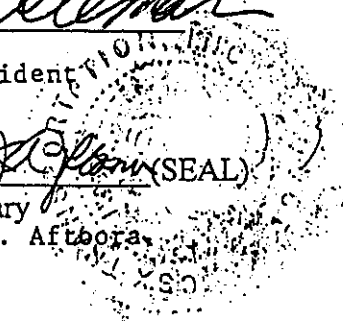
CSX TRANSPORTATION, INC.:

Betty A. Jones  
Betty W. Jones

By: John L. Coleman  
John L. Coleman  
Asst. Vice President

Marie A. Musfeldt  
Marie A. Musfeldt

Attest Patricia J. Aftora (SEAL)  
Secretary  
Patricia J. Aftora



STATE OF FLORIDA )  
 ) SS.  
COUNTY OF DUVAL )

I, Betty D. Jones, a Notary Public of the State of Florida and the County of Duval, do certify that, on the date below, before me in said County came JOHN L. COLEMAN, (  ) to me known, and/or (  ) proven by satisfactory current evidence to be the person whose name is subscribed to the above instrument, who, being by me first duly sworn, did make oath, acknowledge and say that: he resides in Jacksonville, Duval County, Florida; he is ASST. VICE PRESIDENT, of CSX Transportation, Inc., the corporation described in and which executed said instrument; he is fully informed of the contents of the instrument; he knows the seal of said corporation; the seal affixed to said instrument is such seal; it was so affixed by authority of the Board of Directors of said corporation; he signed his name thereto for said corporation pursuant to Board authority; and instrument is the free act and deed of said corporation; and the conveyance herein is not part of a transaction, sale, lease, exchange or other transfer or conveyance of all or substantially all of the property and/or assets of the Grantor.

IN WITNESS WHEREOF, I hereunto set my hand and official seal, this 25th day of June, 1997.

My commission expires on:

Betty D. Jones (SEAL)  
Notary Public  
Print Name: Betty D. Jones



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EXHIBIT A

Description of property at: Lake County, Florida  
To: Board of Trustees of the Internal Improvement Trust Fund of  
the State of Florida  
CSXT Deed File No.: 1996-00707-BDJ

D.R. 1539 PAGE 0134  
BOOK

A PORTION OF THE CSX TRANSPORTATION, INC. FORMER RAILROAD OPERATING PROPERTY LYING AND BEING IN LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

OUT PARCEL NO. 1 ( J.C. GETZEN D.B. 133, PG. 564 )

A PARCEL OF LAND LYING IN SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCE AT THE NORTHWEST CORNER OF SAID SECTION 6 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 89°50'36" EAST, ALONG THE NORTH LINE OF SAID SECTION 6, A DISTANCE OF 1083.90 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE SOUTH 89°50'36" EAST, ALONG SAID NORTH LINE, 107.44 FEET TO THE EAST RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE DEPARTING THE NORTH LINE OF SAID SECTION 6, RUN SOUTH 21°16'45" EAST, ALONG SAID EAST RAILROAD RIGHT-OF-WAY LINE, 1435.52 FEET TO THE NORTH LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 6; THENCE RUN NORTH 89°36'26" WEST, ALONG SAID NORTH LINE, 107.61 FEET TO THE AFORESAID WESTERLY RIGHT-OF-WAY LINE OF THE RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 1435.04 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 3.295 ACRES, MORE OR LESS.

OUT PARCEL NO. 2 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 7, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 7, FOR A POINT OF REFERENCE; THENCE RUN NORTH 89°21'26" WEST, ALONG THE SOUTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 1031.62 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE NORTH 89°21'26" WEST, ALONG SAID SOUTH LINE, 107.80 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 559.24 FEET TO THE WEST LINE OF THE SE 1/4 OF SAID NE 1/4; THENCE RUN NORTH 00°10'09" EAST, 273.50 FEET ALONG SAID WEST LINE TO THE AFORESAID EAST RAILROAD RIGHT-OF-WAY LINE; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 854.05 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 1.622 ACRES, MORE OR LESS.

PAGE 7 OF 10  
AMENDMENT NO. 01 TO LEASE NO. 3910  
EXHIBIT A

OUT PARCEL NO. 3 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 17, TOWNSHIP 23 SOUTH, RANGE 24 EAST FOR THE POINT OF BEGINNING; THENCE RUN SOUTH 89°33'04" EAST, ALONG THE NORTH LINE OF SAID SECTION 17, A DISTANCE OF 26.16 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.63 FEET; THENCE RUN SOUTH 21°18'37" EAST, CONTINUING ALONG SAID EAST RIGHT-OF-WAY LINE, 10268.98 FEET; THENCE RUN SOUTH 21°16'39" EAST, 383.31 FEET; TO THE WEST LINE OF THE SE 1/4 OF THE SE 1/4 OF SECTION 20, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE DEPARTING SAID EASTERLY RIGHT-OF-WAY LINE, RUN SOUTH 00°41'34" EAST, ALONG SAID WEST LINE, 284.44 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 649.55 FEET; THENCE RUN NORTH 21°18'37" WEST, 10268.16 FEET; THENCE DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE, RUN NORTH 00°19'30" EAST, 205.60 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 25.030 ACRES, MORE OR LESS.

OUT PARCEL NO. 4 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 29 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 88°51'13" WEST, ALONG THE NORTH LINE OF SAID SECTION 29, A DISTANCE OF 1209.96 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID NORTH LINE, RUN SOUTH 21°16'39" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 1164.99 FEET TO THE WEST LINE OF THE E 1/2 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE RUN SOUTH 00°39'42" WEST, ALONG SAID WEST LINE, 251.74 FEET TO THE SOUTH LINE OF SAID NE 1/4 OF THE NE 1/4; THENCE RUN NORTH 89°46'58" EAST ALONG SAID SOUTH LINE, 100.79 FEET; THENCE RUN SOUTH 21°16'39" EAST, 1502.76 FEET TO THE EAST LINE OF SAID SECTION 29; THENCE RUN SOUTH 00°09'58" EAST ALONG SAID EAST LINE, 277.66 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 3233.16 FEET TO THE AFORESAID NORTH LINE OF SECTION 29; THENCE RUN NORTH 88°51'13" EAST, ALONG SAID NORTH LINE, 106.51 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 6.792 ACRES, MORE OR LESS.

57

OUT PARCEL NO. 5 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 4, TOWNSHIP 24 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SAID SECTION 4, FOR THE POINT OF BEGINNING; THENCE RUN NORTH 89°36'06" WEST, ALONG THE SOUTH LINE OF SAID SECTION 4, A DISTANCE OF 46.06 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID SOUTH LINE, RUN NORTH 21°18'53" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 5683.23 FEET; THENCE RUN NORTH 21°18'06" WEST, 39.66 FEET TO THE NORTH LINE OF SAID SECTION 4; THENCE RUN SOUTH 89°40'31" EAST, ALONG SAID NORTH LINE, 107.58 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN SOUTH 21°18'53" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 5559.01 FEET TO THE EAST LINE OF SAID SECTION 4; THENCE RUN SOUTH 00°44'15" WEST ALONG SAID EAST LINE, 152.40 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 13.031 ACRES, MORE OR LESS.

Out Parcels 1, 2, 3, 4 and 5 together contain 49.77 acres, more or less, and are the parcels excluded from deed dated December 12, 1990, recorded among the Public Land Records of Lake County, Florida in OR Book 420, Page 664.

BEING a portion of the property acquired by the Florida Western and Northern Railroad Company, a predecessor of Grantor, by the following instruments (as indicated for each parcel), recorded among the Public Land Records of Lake County, Florida:

<u>Railroad</u>	<u>Acquired From</u>	<u>Deed Date</u>	<u>Book</u>	<u>Page</u>
FW&N	J. C. Getzen, et ux	07-14-1924	133	564
	Schroeder Land & Timber Co.	06-02-1924	105	120

The Florida Western & Northern Railroad Company was merged into the Seaboard Air Line Railroad Company on December 17, 1945. On July 1, 1967, the Atlantic Coast Line Railroad Company merged with the Seaboard Air Line Railroad Company to form the Seaboard Coast Line Railroad Company. On December 29, 1982, the Louisville and Nashville Railroad Company merged with the Seaboard Coast Line Railroad Company and the name of the surviving corporation was changed to Seaboard System Railroad, Inc. On July 1, 1986, Seaboard System Railroad, Inc. changed its name to CSX Transportation, Inc.

\\cjax2000f\srp\pin\112\069-0163\1996-707\qcdeed.doc

ACCEPTANCE OF TRANSFER OF TITLE TO DONATED LANDS

Board of Trustees of the Internal Improvement Trust Fund of the State of Florida hereby accepts this conveyance as a transfer of title of the real property as deccribed in this Deed.

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

[Signature]  
(SIGNATURE OF FIRST WITNESS)

ROBERT J. LOVERON  
(PRINTED, TYPED OR STAMPED NAME OF FIRST WITNESS)

BY: [Signature]  
MICHAEL E. ASHEY  
ASSISTANT DIRECTOR, 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

[Signature]  
(SIGNATURE OF SECOND WITNESS)

John A. Russell  
(PRINTED, TYPED OR STAMPED NAME OF SECOND WITNESS)

July 9, 1997  
Date Signed

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 9 day of July, 1997, by Michael E. Ashey, Assistant Director, 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. He is personally known to me.

R. Robert J. Seifer  
12549 State Park Dr.  
Clermont, Fl.  
34711

(NOTARY PUBLIC SEAL)



JAN CAUSSEAUX LOGAN  
MY COMMISSION # CC333147 EXPIRES  
November 30, 1997  
BONDED THRU TROY FAIR INSURANCE, INC.

Jan Causseaux Logan  
Notary Public

JAN CAUSSEAUX LOGAN  
(Printed, Typed, or Stamped Name of Notary Public)

Commission No.: CC 333147

My Commission Expires: 11-30-97

## **Appendix A.3**

### **Assignment of Lease 3910 to the Office of Greenways and Trails**

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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: 003910

Document Date: 2-4-2004

Original County: Sumter, Lake, & Polk

Section: \* See attached document for STR's

Township: \_\_\_\_\_

Range: \_\_\_\_\_

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

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

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

Comments:  
\_\_\_\_\_  
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Inventory Parcels:  
600565 Sumter  
116041  
350256  
350255 Lake Co.  
530263 Polk Co.

Prepared for scanning 7/18/06

FC ✓

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

Assignment/Assumption of Lease #3910  
DEP/ Div. of Recreation & Parks to DEP/Office  
of Greenways & Trails

**STR's for Sumter County;**

Section: 13, 14, 24, 25, 36 ✓

Twp: 22 S

Rge: 23 E

**STR's for Lake County**

Section: 31 ✓

Twp: 22 S

Rge: 24 E

Section: 6, 7, 17, 18, 20, 29, 28, 33 ✓

Twp: 23 S

Rge: 24E

Section: 4, 10, 15, 22, 23, 26, 35 ✓

Twp: 24 S

Rge: 24 E



STR's for Lease #3910 continued

## STR's for Polk County

Section: 1, 2, 12, 13

Twp: 25 S

Rge: 24 E

Sections: 19, 30, 31, 32

Twp: 25 S

Rge: 25 E

Sections: 5, 8, 17, 20, 29, 32

Twp: 26 S

Rge: 25 E

***THIS PAGE IS FOR INFORMATIONAL  
PURPOSES ONLY***

Florida Department of

Memorandum Environmental Protection

6/24/05

TO: Judy Woodard @ BPLA MS# 130

Date: \_\_\_\_\_

TO: Kathy Miklus, Planning Manager  
Title and Land Records Section  
Bureau of Survey and Mapping (MS 108)

FROM: Judy Woodard (STAFF NAME)  
Bureau of Public Land Administration (MS 130)

SUBJECT: Transmittal of Land Documents to Title:

Easement # \_\_\_\_\_

Deed # \_\_\_\_\_

Lease Document# 3876, 3910, 4015, 4024, 4193

Associated Lease # 4338 and 4341

(use when sending easements or deeds as needed)

Project Name Assignment of Leases

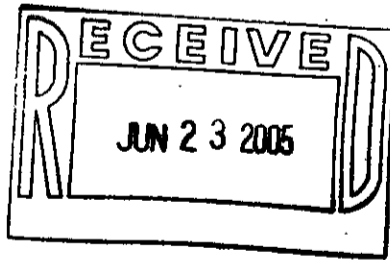
Received by: Kathy Miklus  
(Title and Land Records Section)

Received Date: 6/24/2005

Please return copy of signed and dated transmittal memorandum to Judy Woodard of BPLA, MS #130.

LC/ab (initials of writer/preparer)  
Attachments

cc: BPLA File Log



AOL1

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

[Signature]  
Witness  
Wileen Postman  
Print/Type Witness Name

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

[Signature]  
Witness  
GEMECHU DERGU  
Print/Type Witness Name

"ASSIGNOR"

STATE OF Florida  
COUNTY OF Leon

The foregoing instrument was acknowledged before me this 4th 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.

[Signature]  
Notary Public, State of Florida  
Dale H. Quiles  
Commission # DD122787  
Expires June 20, 2006  
Print Name: Dale H. Quiles  
Bounded Thru  
Notary Public, 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

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

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

"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 FAIN 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: Samuel Hill  
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:

★ FOR INFORMATIONAL  
PURPOSES ONLY

(1) 3910 ✓

SAL8103

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

LEASE AGREEMENT

Lease No. 3910

This lease is made and entered into this 5<sup>th</sup> day of March, 1991, 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 NATURAL RESOURCES, 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 Natural Resources.

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

3. TERM: The term of this lease shall be for a period of fifty (50) years, commencing on March 19, 1991 and ending on March 19, 2041, unless sooner terminated pursuant to the provisions of this lease.

shall have the right to audit such records at any reasonable time. This right shall be continuous until this lease expires or is terminated. This lease may be terminated by LESSOR should LESSEE fail to allow public access to all documents, papers, letters or other materials made or received in conjunction with this lease, pursuant to Chapter 119, Florida Statutes.

30. NON-DISCRIMINATION: LESSEE shall not discriminate against any individual because of that individual's race, color, religion, sex, national origin, age, handicap, or marital status with respect to any activity occurring within the leased premises or upon lands adjacent to and used as an adjunct of the leased premises.

31. COMPLIANCE WITH LAWS: LESSEE agrees that this lease is contingent upon and subject to LESSEE obtaining all applicable permits and complying with all applicable permits, regulations, ordinances, rules, and laws of the State of Florida or the United States or of any political subdivision or agency of either.

32. TIME: Time is expressly declared to be of the essence of this lease.

33. GOVERNING LAW: This lease shall be governed by and interpreted according to the laws of the State of Florida.

34. SECTION CAPTIONS: Articles, subsections and other captions contained in this lease are for reference purposes only and are in no way intended to describe, interpret, define or limit the scope, extent or intent of this lease or any provisions thereof.

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

*Doreen R. Cox*  
Witness  
*Lillian M. Jefferson*  
Witness

BOARD OF TRUSTEES OF THE INTERNAL  
IMPROVEMENT TRUST FUND OF THE  
STATE OF FLORIDA  
By: *Daniel T. Crabtree* (SEAL)  
CHIEF, BUREAU OF LAND MANAGEMENT  
SERVICES, DIVISION OF STATE  
LANDS, DEPARTMENT OF NATURAL  
RESOURCES

"LESSOR"

Sumter Co.

13, 14, 24, 25, 36 - 225 - 24E

OFF. REC. 420 PAGE 668

EXHIBIT A

Description of property between: Mabel and Polk City, Florida  
To: Board of Trustees of the Internal Improvement  
Trust Fund of the State of Florida  
CSXI Deed File No.: Mabel-Polk City-MAS

SUMTER COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
5*	2	F. L. Ruthland, et al.	FW&N**	07-10-1924	85	545
5	6	A. P. Bratt, et ux.	FW&N	03-15-1926	93	256
5	1, 3, 4 & 5	Jefferson Construction	FW&N	09-23-1924	87	213

LAKE COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
6	8	E. E. Edge, et ux.	FW&N	05-30-1925	113	171
6	12	S. L. Lee	FW&N	11-02-1939	189	188
6	13	Thelma Ray Knight	FW&N	12-12-1949	294	589
6	11 & 14	Lillian Newman, et al.	FW&N	04-27-1955	370	135
6	1	Jefferson Construction	FW&N	09-23-1924	113	496
6	5	Jefferson Construction	FW&N	01-24-1927	138	40
7	2	Schroeder Land & Timber	FW&N	12-06-1929	152	338
7	4	J. F. Burns, et ux.	FW&N	07-10-1924	105	205
7	6	Perry Sloan, et ux.	FW&N	07-11-1924	105	206
7	9	Perry Sloan, et ux.	FW&N	01-23-1925	108	148
7	10	Petty Sloan, et ux.	FW&N	01-15-1930	152	558
7	7	Jefferson Construction	FW&N	01-27-1927	138	40
9	1, 3 & 6	Jefferson Construction	FW&N	01-27-1927	138	40
9	4	The Cumber Company	FW&N	10-05-1925	119	355

Lake Co. 31,

6, 7, 8, 11, 12, 22, 24, 25, 33 - 225-24E  
34, 9, 10, 15, 22, 23 - 245-24E

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EXHIBIT A  
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POLK COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
9	9	F. D. Bryan	FW&N	11-10-1926	338	26
9	1, 3 & 6	Jefferson Construction	FW&N	01-27-1927	344	147
9	8	Jefferson Construction	FW&N	01-27-1927	344	143
10	2	Jefferson Construction	FW&N	09-23-1924	282	359
11	2 & 3	Jefferson Construction	FW&N	09-23-1924	282	359
11	1	Jefferson Construction	FW&N	01-27-1927	344	143
11	4	E. V. Haynes, et ux.	FW&N	06-12-1924	238	487
11	3	Jefferson Construction	FW&N	09-23-1924	282	359
12	2	E. V. Haynes, et ux.	FW&N	06-12-1924	238	487
12	3 & 4	Jefferson Construction	FW&N	09-23-1924	282	359
12	16	Haynes Van Horn Company	FW&N	03-30-1927	386	240

\* All property is shown on CSX Transportation Valuation Section V-5-FLA, L-27.

\*\* FW&N is Florida, Western & Northern Railroad Company.

Florida, Western & Northern Railroad Company (FW&N) merged into the Seaboard Air Line Railroad Company (SAL) on December 17, 1945. The Atlantic Coast Line Railroad Company (ACL) and SEaboard Air Line Railroad Company (SAL) merged to form Seaboard Coast Line Railroad Company (SCL) on July 1, 1967. On December 29, 1982, Seaboard Coast Line Railroad Company changed its name to Seaboard System Railroad, Inc., and on July 1, 1986, Seaboard System Railroad, Inc. changed its name to CSX Transportation, Inc.

*FW&N Co.*  
*1, 2, 3 - 200-1/E*  
*18, 19, 20, 31, 32 - 200-20E*  
*5, 6, 17, 23, 24, 30 - 200-10E*

## EXHIBIT B-1

Description of property between: Mabel and Polk City, Florida  
 To: Board of Trustees of the Internal Improvement  
 Trust Fund of the State of Florida  
 CSXT Deed File No.: Mabel-Polk City-MAS

LAKE COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
6*	4	S. L. Lee, et al.	FW&N**	05-05-1924	105	297
6	10	Richloam Farms Company	FW&N	06-23-1927	144	568
7	11	H. L. Wilkerson	FW&N	07-11-1941	174	556
9	2	Jefferson Construction	FW&N	09-23-1924	113	496

POLK COUNTY

Map No.	Parcel No.	Grantor	Grantee	Date	Deed Book	Page No.
9	5	Jefferson Construction	FW&N	09-23-1924	282	359
11	2 & 5	Jefferson Construction	FW&N	09-23-1924	282	359
12	1	Jefferson Construction	FW&N	09-23-1924	282	359

\* All property is shown on CSX Transportation Valuation Section V-5-FLA, L-27.

\*\* FW&N is Florida, Western & Northern Railroad Company.

EXHIBIT B-2

Description of property between: Mabel and Polk City, Florida  
 To: Board of Trustees of the Internal Improvement  
 Trust Fund of the State of Florida  
 CSXT Deed File No.: Mabel-Polk City-MAS

LAKE COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
6	3	T. L. Carter	Jeff. Const.	05-14-1924	105	103

POLK COUNTY

<u>Map No.</u>	<u>Parcel No.</u>	<u>Grantor</u>	<u>Grantee</u>	<u>Date</u>	<u>Deed Book</u>	<u>Page No.</u>
9	7	A. T. Williams Estate	FW&N	07-25-1924	MB-D	530
12	5	R. H. Omohundro, et al.	FW&N	07-30-1924	MB-D	510
12	7	O. P. Branch, et al.	FW&N	07-30-1924	MB-D	514

\* All property is shown on CSX Transportation Valuation Section V-5-FLA, L-27.

\*\* FW&N is Florida, Western & Northern Railroad Company.

EXHIBIT C

DESCRIPTION:

ALL THAT PART OF THE CSX RAILROAD CORRIDOR AS SHOWN ON RIGHT-OF-WAY AND TRACK MAP SECTION V.5, FLA., L-27, SHEETS 5-12, FROM THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 50 IN SECTION 14, TOWNSHIP 22 SOUTH, RANGE 23 EAST, SUMTER COUNTY, FLORIDA, TO CSX VALUATION STATION 2406+17.5 IN SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST, POLK COUNTY, FLORIDA, LESS AND EXCEPT THAT FORMER RIGHT-OF-WAY CONVEYED TO THE F.W. & N. RAILROAD, A PREDECESSOR OF THE SELLER, BY SCHROEDER LAND & TIMBER COMPANY, BY DEED DATED JUNE 2, 1924, RECORDED IN DEED BOOK 105, PAGE 120, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, ALSO, LESS AND EXCEPT THAT FORMER RIGHT-OF-WAY CONVEYED TO THE F.W. & N. RAILROAD, A PREDECESSOR OF THE SELLER, BY J.C. GETZEN, AND WIFE WILLIE F. GETZEN, BY DEED DATED JULY 14, 1926, RECORDED IN DEED BOOK 133, PAGE 564, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA. SAID PROPERTY LIES IN THE COUNTIES OF SUMTER, LAKE AND POLK, STATE OF FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

DESCRIPTION OF ACQUISITION AREA LYING IN SUMTER COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 22 SOUTH, RANGE 23 EAST, LYING IN SUMTER COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE S.E. CORNER OF SECTION 11, TOWNSHIP 22 SOUTH, RANGE 23 EAST, THENCE RUN N 00°29'44" E ALONG THE EAST LINE OF SAID SECTION 11, A DISTANCE OF 4.74' TO A NON-TANGENT CIRCULAR CURVE CONCAVE TO THE SOUTH; HAVING A RADIUS OF 3819.83', SAID CURVE ALSO BEING THE CENTERLINE OF SURVEY OF STATE ROAD 50; THENCE WESTERLY ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 12°32'56", A DISTANCE OF 836.62' (CHORD BEARING S 77°03'19"W, CHORD LENGTH 834.95') TO A POINT OF TANGENCY; THENCE S 70°46'51" W ALONG SAID CENTERLINE A DISTANCE OF 734.29' TO THE POINT OF INTERSECTION WITH THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE S 21°16'45" E, A DISTANCE OF 75.05' TO THE INTERSECTION OF THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD 50 AND THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE CONTINUE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 19402.28' TO THE WEST LINE OF THE SOUTH-WEST 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST; THENCE S 02°31'51" W ALONG SAID WEST LINE, A DISTANCE OF 247.72' TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 19632.52' TO THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD 50; THENCE N 70°46'51"E ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 100.07' TO THE POINT OF BEGINNING. (44.808 ACRES, MORE OR LESS)

DESCRIPTION OF ACQUISITION AREA LYING IN POLK COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 25 SOUTH, RANGE 24 EAST; TOWNSHIP 25 SOUTH, RANGE 25 EAST; AND TOWNSHIP 26 SOUTH, RANGE 25 EAST, LYING IN POLK COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE N.E. CORNER OF SECTION 2, TOWNSHIP 25 SOUTH, RANGE 24 EAST, THENCE RUN S 89°57'41" W ALONG THE NORTH LINE OF THE NE 1/4 OF SAID SECTION 2, A DISTANCE OF 177.69' TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE S 21°19'54" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5107.02'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 3444.58'; THENCE S 89°02'05" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 108.08'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 2018.78' TO THE NORTHERLY RIGHT-OF-WAY LINE OF GREEN POND ROAD ("AS MAINTAINED"); THENCE N 81°37'16" W ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 115.12'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD, A DISTANCE OF 509.76'; THENCE S 21°20'18" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5858.17'; THENCE S 21°20'49" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 20011.75' TO THE BEGINNING OF A TANGENT CURVE HAVING A RADIUS OF 2915.11', CONCAVE TO THE WEST, SAID CURVE BEING SAID EASTERLY RIGHT-OF-WAY LINE; THENCE SOUTHERLY ALONG SAID CURVE TO THE RIGHT THROUGH A CENTRAL ANGLE OF 18°05'16", A DISTANCE OF 920.28' TO A POINT OF TANGENCY; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE A DISTANCE OF 24003.07' TO THE NORTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST (AS PER AMENDED MAP OF POLK CITY, PLAT BOOK 24, PAGE 1 AND 1-A, POLK COUNTY, FLORIDA); THENCE N 89°43'34" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 1321.79' TO THE SOUTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 32; THENCE S 89°43'34" W ALONG SAID SOUTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 189.31'; THENCE DEPARTING FROM SAID EASTERLY RIGHT-OF-WAY LINE RUN S 86°44'28" W PERPENDICULAR TO SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 100.00' TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 194.53' TO THE SOUTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 32; THENCE S 89°43'34" W ALONG SAID SOUTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE N 03°15'33' W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 1321.79' TO SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4; THENCE N 89°43'34" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 23997.85' TO THE BEGINNING OF A TANGENT CURVE HAVING A RADIUS

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OF 2815.11', CONCAVE TO THE WEST, SAID CURVE BEING SAID WESTERLY RIGHT-OF-WAY LINE; THENCE NORTHERLY ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 18°05'16", A DISTANCE OF 888.71' TO A POINT OF TANGENCY; THENCE N 21°20'49" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 20011.76'; THENCE N 21°20'18" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5858.20'; THENCE N 21°18'56" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5957.07'; THENCE N 21°19'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5145.98' TO THE NORTH LINE OF THE NE 1/4 OF SECTION 2, TOWNSHIP 25 SOUTH, RANGE 24 EAST; THENCE N 89°57'41" E ALONG SAID NORTH LINE, A DISTANCE OF 107.33' TO THE POINT OF BEGINNING. ( 156.143 ACRES, MORE OR LESS )

DESCRIPTION OF ACQUISITION AREA LYING IN LAKE COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 22 SOUTH, RANGE 24 EAST; TOWNSHIP 23 SOUTH, RANGE 24 EAST; AND TOWNSHIP 24 SOUTH, RANGE 24 EAST, LYING IN LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE NW CORNER OF THE SW 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST, THENCE RUN S 02°31'51" W ALONG THE WEST LINE OF THE SW 1/4 OF SAID SECTION 31, A DISTANCE OF 92.40' TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, AND THE POINT OF BEGINNING; THENCE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 4384.02' TO THE NORTH LINE OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE S 89°36'26" E ALONG SAID NORTH LINE OF THE SE 1/4 OF THE NW 1/4, A DISTANCE OF 26.90'; THENCE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 1440.21' TO THE NORTH LINE OF THE NE 1/4 OF THE SW 1/4 OF SAID SECTION 6; THENCE S 89°22'19" E ALONG SAID NORTH LINE OF THE NE 1/4 OF THE SW 1/4, A DISTANCE OF 412.92' TO THE WEST LINE OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 00°18'44" E ALONG SAID WEST LINE OF THE NW 1/4 OF THE SE 1/4, A DISTANCE OF 260.05' TO THE SOUTH LINE OF THE NORTH 260' OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 89°22'19" E ALONG SAID SOUTH LINE OF THE NORTH 260' OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4, A DISTANCE OF 669.27' TO THE EAST LINE OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 00°23'39" E ALONG SAID EAST LINE OF THE W 1/2 OF THE NW 1/4 OF THE SE 1/4, A DISTANCE OF 1087.78' TO THE NORTH LINE OF THE SW 1/4 OF THE SE 1/4 OF SAID SECTION 6; THENCE S 89°17'49" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE SE 1/4, A DISTANCE OF 670.84' TO THE EAST LINE OF THE SW 1/4 OF SE 1/4 OF SAID SECTION 6; THENCE S 00°28'34" E ALONG SAID EAST LINE OF THE SW 1/4 OF THE SE 1/4, A DISTANCE OF 1348.76' TO THE SOUTH LINE OF SAID SECTION 6; THENCE N 89°13'20" W ALONG SAID SOUTH LINE, A DISTANCE OF 745.85' TO A POINT OF INTERSECTION WITH THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE S 21°16'45" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5962.56'; THENCE S

21°18'37" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 10268.98'; THENCE S 21°16'39" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 3982.00' TO THE WEST LINE OF THE SW 1/4 OF SECTION 28, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE N 00°09'58" W ALONG SAID WEST LINE, A DISTANCE OF 45.60' TO THE NORTH LINE OF THE SW 1/4 OF SAID SECTION 28; THENCE N 89°49'08" E ALONG SAID NORTH LINE OF THE SW 1/4, A DISTANCE OF 100.30'; THENCE S 21°16'39" E PARALLEL WITH THE CENTER-LINE OF SAID RAILROAD, A DISTANCE OF 346.44'; THENCE S 68°43'21" W, 110.00' TO THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE S 21°16'39" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 244.91'; THENCE S 21°18'06" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 8027.96'; THENCE S 21°18'53" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 11409.03'; THENCE S 21°19'10" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 15697.48'; THENCE S 21°19'54" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 6980.83'; THENCE S 89°57'41" W, A DISTANCE OF 107.33' TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE N 21°19'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 6941.86'; THENCE N 21°19'10" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE A DISTANCE OF 15697.50'; THENCE N 21°18'53" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 11409.04'; THENCE N 21°18'06" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE A DISTANCE OF 7872.53'; THENCE S 68°41'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 50.00'; THENCE N 21°18'06" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 155.47'; THENCE N 21°16'39" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 194.53'; THENCE N 68°43'21" E ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 50.00'; THENCE N 21°16'39" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 4372.38'; THENCE N 21°18'37" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 10268.16' TO THE WEST LINE OF SECTION 17, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE S 00°19'30" W ALONG SAID WEST LINE, A DISTANCE OF 135.61'; THENCE N 21°17'24" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 367.49' TO THE NORTH LINE OF SECTION 18, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE S 89°29'28" E ALONG SAID NORTH LINE, A DISTANCE OF 53.85'; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5782.51' TO THE SOUTH LINE OF SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE N 89°13'20" W ALONG SAID SOUTH LINE, A DISTANCE OF 26.97'; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 2178.88' TO THE NORTH LINE OF THE SOUTH 3/4 OF THE E 1/2 OF THE SW 1/4 OF SAID SECTION 6; THENCE S 89°20'06" E ALONG SAID NORTH LINE OF THE SOUTH 3/4 OF THE E 1/2 OF THE SW 1/4, A DISTANCE OF 26.95'; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 6282.84' TO THE WEST LINE OF THE SW 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST; THENCE N 02°31'51" E ALONG SAID WEST LINE, A DISTANCE OF 247.72' TO THE POINT OF BEGINNING. (221.253 ACRES, MORE OR LESS )

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LESS AND EXCEPT THE FOLLOWING DESCRIBED PARCELS OF LAND:

OUT PARCEL NO. 1 ( J.C. GETZEN D.B. 133, PG. 564 )

A PARCEL OF LAND LYING IN SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
 COMMENCE AT THE NORTHWEST CORNER OF SAID SECTION 6 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 89°50'36" EAST, ALONG THE NORTH LINE OF SAID SECTION 6, A DISTANCE OF 1083.90 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE SOUTH 89°50'36" EAST, ALONG SAID NORTH LINE, 107.44 FEET TO THE EAST RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE DEPARTING THE NORTH LINE OF SAID SECTION 6, RUN SOUTH 21°16'45" EAST, ALONG SAID EAST RAILROAD RIGHT-OF-WAY LINE, 1435.52 FEET TO THE NORTH LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 6; THENCE RUN NORTH 89°36'26" WEST, ALONG SAID NORTH LINE, 107.61 FEET TO THE AFORESAID WESTERLY RIGHT-OF-WAY LINE OF THE RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 1435.04 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 3.295 ACRES, MORE OR LESS.

OUT PARCEL NO. 2 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 7, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 7, FOR A POINT OF REFERENCE; THENCE RUN NORTH 89°21'26" WEST, ALONG THE SOUTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 1031.62 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE NORTH 89°21'26" WEST, ALONG SAID SOUTH LINE, 107.80 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 559.24 FEET TO THE WEST LINE OF THE SE 1/4 OF SAID NE 1/4; THENCE RUN NORTH 00°10'09" EAST, 273.50 FEET ALONG SAID WEST LINE TO THE AFORESAID EAST RAILROAD RIGHT-OF-WAY LINE; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 854.05 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 1.622 ACRES, MORE OR LESS.



OUT PARCEL NO. 3 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 17, TOWNSHIP 23 SOUTH, RANGE 24 EAST FOR THE POINT OF BEGINNING; THENCE RUN SOUTH 89°33'04" EAST, ALONG THE NORTH LINE OF SAID SECTION 17, A DISTANCE OF 26.16 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.63 FEET; THENCE RUN SOUTH 21°18'37" EAST, CONTINUING ALONG SAID EAST RIGHT-OF-WAY LINE, 10268.98 FEET; THENCE RUN SOUTH 21°16'39" EAST, 383.31 FEET; TO THE WEST LINE OF THE SE 1/4 OF THE SE 1/4 OF SECTION 20, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE DEPARTING SAID EASTERLY RIGHT-OF-WAY LINE, RUN SOUTH 00°41'34" EAST, ALONG SAID WEST LINE, 284.44 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 649.55 FEET; THENCE RUN NORTH 21°18'37" WEST, 10268.16 FEET; THENCE DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE, RUN NORTH 00°19'30" EAST, 205.60 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 25.030 ACRES, MORE OR LESS.

OUT PARCEL NO. 4 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 29 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 88°51'13" WEST, ALONG THE NORTH LINE OF SAID SECTION 29, A DISTANCE OF 1209.96 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID NORTH LINE, RUN SOUTH 21°16'39" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 1164.99 FEET TO THE WEST LINE OF THE E 1/2 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE RUN SOUTH 00°39'42" WEST, ALONG SAID WEST LINE, 251.74 FEET TO THE SOUTH LINE OF SAID NE 1/4 OF THE NE 1/4; THENCE RUN NORTH 89°46'58" EAST ALONG SAID SOUTH LINE, 100.79 FEET; THENCE RUN SOUTH 21°16'39" EAST, 1502.76 FEET TO THE EAST LINE OF SAID SECTION 29; THENCE RUN SOUTH 00°09'58" EAST ALONG SAID EAST LINE, 277.66 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 3233.16 FEET TO THE AFORESAID NORTH LINE OF SECTION 29; THENCE RUN NORTH 88°51'13" EAST, ALONG SAID

NORTH LINE, 106.51 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 6.792 ACRES, MORE OR LESS.

OUT PARCEL NO. 5 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 4, TOWNSHIP 24 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SAID SECTION 4, FOR THE POINT OF BEGINNING; THENCE RUN NORTH 89°36'06" WEST, ALONG THE SOUTH LINE OF SAID SECTION 4, A DISTANCE OF 46.05 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID SOUTH LINE, RUN NORTH 21°18'53" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 5683.23 FEET; THENCE RUN NORTH 21°18'06" WEST, 39.66 FEET TO THE NORTH LINE OF SAID SECTION 4; THENCE RUN SOUTH 89°40'31" EAST, ALONG SAID NORTH LINE, 107.58 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN SOUTH 21°18'53" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 5559.01 FEET TO THE EAST LINE OF SAID SECTION 4; THENCE RUN SOUTH 00°44'15" WEST ALONG SAID EAST LINE, 152.40 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 13.031 ACRES, MORE OR LESS.

171.483 ACRES, MORE OR LESS OF ACQUISITION AREA LYING IN LAKE COUNTY, FLORIDA.

THE TOTAL ACQUISITION AREA CONTAINS 372.434 ACRES, MORE OR LESS.

## EXHIBIT D

OFF.  
REC. 420 PAGE 679

## MCI RECORDING INFORMATION

<u>Location</u>	<u>Recording Date</u>	<u>Book</u>	<u>Page</u>	<u>Instrument Number</u>
Lake County, Florida	08-05-1988	0975	0848	8835537
Polk County, Florida	08-23-1988	2661	1612	087470 *
Polk County, Florida	08-23-1988	2661	1623	087471 *
Sumter County, Florida	08-05-1988	370	258	212986

\* The Agreement was recorded in two segments in Polk County, Florida.

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(2) 3910

ATL1

49.77 acres

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

AMENDMENT NUMBER 01 TO LEASE NUMBER 3910

General James A. Van Fleet State Trail

THIS LEASE AMENDMENT is entered into this 30th day of September, 1999, 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 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 March 5, 1991, LESSOR and LESSEE entered into Lease Number 3910; and

WHEREAS, LESSOR and LESSEE desire to amend Lease Number 3910, to include additional lands in said lease.

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 3910 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof. Unless stated otherwise, all legal descriptions and exhibits of or related to Lease Number 3910, as amended, include all sovereignty lands which are located within the property described therein.

2. It is understood and agreed by LESSOR and LESSEE that in each and every respect the terms of the Lease Number 3910 except

6, 7, 17, 29, 23S, 24E, 4, 24S, 24E

as amended shall remain unchanged and in full force and effect and the same are hereby ratified, approved and confirmed by LESSOR and LESSEE.

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

[Signature]  
Witness  
Tom Butler  
Print/Type Witness Name

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

[Signature]  
Witness  
TRACY PETERS  
Print/Type Witness Name

"LESSOR"

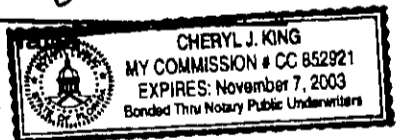
STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 30th day of September, 1999, by Gloria Nelson, as Operation and Management Consultant manager, Bureau of Public Land Administration, Division of State Lands, 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.

[Signature]  
Notary Public, State of Florida

Print/Type Notary

Commission Number:



Commission Expires:

Approved as to Form and Legality

By: [Signature]  
DEP Attorney

EXHIBIT A

Description of property at: Lake County, Florida  
To: Board of Trustees of the Internal Improvement Trust Fund of  
the State of Florida  
CSXT Deed File No.: 1996-00707-BDJ

O.R.  
BOOK 1539 PAGE 0134

A PORTION OF THE CSX TRANSPORTATION, INC. FORMER RAILROAD OPERATING PROPERTY LYING AND BEING IN LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

OUT PARCEL NO. 1 ( J.C. GETZEN D.B. 133, PG. 564 )

A PARCEL OF LAND LYING IN SECTION 6, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCE AT THE NORTHWEST CORNER OF SAID SECTION 6 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 89°50'36" EAST, ALONG THE NORTH LINE OF SAID SECTION 6, A DISTANCE OF 1083.90 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE SOUTH 89°50'36" EAST, ALONG SAID NORTH LINE, 107.44 FEET TO THE EAST RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE DEPARTING THE NORTH LINE OF SAID SECTION 6, RUN SOUTH 21°16'45" EAST, ALONG SAID EAST RAILROAD RIGHT-OF-WAY LINE, 1435.52 FEET TO THE NORTH LINE OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 6; THENCE RUN NORTH 89°36'26" WEST, ALONG SAID NORTH LINE, 107.61 FEET TO THE AFORESAID WESTERLY RIGHT-OF-WAY LINE OF THE RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 1435.04 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 3.295 ACRES, MORE OR LESS.

OUT PARCEL NO. 2 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 7, TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 7, FOR A POINT OF REFERENCE; THENCE RUN NORTH 89°21'26" WEST, ALONG THE SOUTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 1031.62 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE CONTINUE NORTH 89°21'26" WEST, ALONG SAID SOUTH LINE, 107.80 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'45" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 539.24 FEET TO THE WEST LINE OF THE SE 1/4 OF SAID NE 1/4; THENCE RUN NORTH 00°10'09" EAST, 273.50 FEET ALONG SAID WEST LINE TO THE AFORESAID EAST RAILROAD RIGHT-OF-WAY LINE; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 854.05 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 1.622 ACRES, MORE OR LESS.

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AMENDMENT NO. 01 TO LEASE NO. 3910  
EXHIBIT A

OUT PARCEL NO. 3 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN TOWNSHIP 23 SOUTH, RANGE 24 EAST, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 17, TOWNSHIP 23 SOUTH, RANGE 24 EAST FOR THE POINT OF BEGINNING; THENCE RUN SOUTH 89°33'04" EAST, ALONG THE NORTH LINE OF SAID SECTION 17, A DISTANCE OF 26.16 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE RUN SOUTH 21°16'45" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.63 FEET; THENCE RUN SOUTH 21°18'37" EAST, CONTINUING ALONG SAID EAST RIGHT-OF-WAY LINE, 10268.98 FEET; THENCE RUN SOUTH 21°16'39" EAST, 383.31 FEET; TO THE WEST LINE OF THE SE 1/4 OF THE SE 1/4 OF SECTION 20, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE DEPARTING SAID EASTERLY RIGHT-OF-WAY LINE, RUN SOUTH 00°41'34" EAST, ALONG SAID WEST LINE, 284.44 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 649.55 FEET; THENCE RUN NORTH 21°18'37" WEST, 10268.16 FEET; THENCE DEPARTING SAID WESTERLY RIGHT-OF-WAY LINE, RUN NORTH 00°19'30" EAST, 205.60 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 25.030 ACRES, MORE OR LESS.

OUT PARCEL NO. 4 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SAID SECTION 29 FOR A POINT OF REFERENCE; THENCE RUN SOUTH 88°51'13" WEST, ALONG THE NORTH LINE OF SAID SECTION 29, A DISTANCE OF 1209.96 FEET TO THE POINT OF BEGINNING; SAID POINT ALSO LYING ON THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID NORTH LINE, RUN SOUTH 21°16'39" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 1164.99 FEET TO THE WEST LINE OF THE E 1/2 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 23 SOUTH, RANGE 24 EAST; THENCE RUN SOUTH 00°39'42" WEST, ALONG SAID WEST LINE, 251.74 FEET TO THE SOUTH LINE OF SAID NE 1/4 OF THE NE 1/4; THENCE RUN NORTH 89°46'58" EAST ALONG SAID SOUTH LINE, 100.79 FEET; THENCE RUN SOUTH 21°16'39" EAST, 1502.76 FEET TO THE EAST LINE OF SAID SECTION 29; THENCE RUN SOUTH 00°09'58" EAST ALONG SAID EAST LINE, 277.66 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN NORTH 21°16'39" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 3233.16 FEET TO THE AFORESAID NORTH LINE OF SECTION 29; THENCE RUN NORTH 88°51'13" EAST, ALONG SAID NORTH LINE, 106.51 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 6.792 ACRES, MORE OR LESS.

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AMENDMENT NO. 01 TO LEASE NO. 3910

EXHIBIT A

OUT PARCEL NO. 5 (SCHROEDER LAND & TIMBER CO. D.B. 105, PG. 120)

A PARCEL OF LAND LYING IN SECTION 4, TOWNSHIP 24 SOUTH, RANGE 24 EAST BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SAID SECTION 4, FOR THE POINT OF BEGINNING; THENCE RUN NORTH 89°36'06" WEST, ALONG THE SOUTH LINE OF SAID SECTION 4, A DISTANCE OF 46.06 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE DEPARTING SAID SOUTH LINE, RUN NORTH 21°18'53" WEST, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 5683.23 FEET; THENCE RUN NORTH 21°18'06" WEST, 39.66 FEET TO THE NORTH LINE OF SAID SECTION 4; THENCE RUN SOUTH 89°40'31" EAST, ALONG SAID NORTH LINE, 107.58 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE RUN SOUTH 21°18'53" EAST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 5559.01 FEET TO THE EAST LINE OF SAID SECTION 4; THENCE RUN SOUTH 00°44'15" WEST ALONG SAID EAST LINE, 152.40 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND LIES IN LAKE COUNTY, FLORIDA AND CONTAINS 13.031 ACRES, MORE OR LESS.

Out Parcels 1, 2, 3, 4 and 5 together contain 49.77 acres, more or less, and are the parcels excluded from deed dated December 12, 1990, recorded among the Public Land Records of Lake County, Florida in OR Book 420, Page 664.

BEING a portion of the property acquired by the Florida Western and Northern Railroad Company, a predecessor of Grantor, by the following instruments (as indicated for each parcel), recorded among the Public Land Records of Lake County, Florida:

<u>Railroad</u>	<u>Acquired From</u>	<u>Deed Date</u>	<u>Book</u>	<u>Page</u>
FW&N	J. C. Getzen, et ux	07-14-1924	133	564
	Schroeder Land & Timber Co.	06-02-1924	105	120

The Florida Western & Northern Railroad Company was merged into the Seaboard Air Line Railroad Company on December 17, 1945. On July 1, 1967, the Atlantic Coast Line Railroad Company merged with the Seaboard Air Line Railroad Company to form the Seaboard Coast Line Railroad Company. On December 29, 1982, the Louisville and Nashville Railroad Company merged with the Seaboard Coast Line Railroad Company and the name of the surviving corporation was changed to Seaboard System Railroad, Inc. On July 1, 1986, Seaboard System Railroad, Inc. changed its name to CSX Transportation, Inc.

\\ejax2000fs\p\pint\112069-Q163\1996-707\qc\deed.doc

PAGE 9 OF 10  
 AMENDMENT NO. 01 TO LEASE NO. 3910  
 EXHIBIT A



(2) 3910

ATL1

149.10 acres

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

AMENDMENT NUMBER 2 TO LEASE NUMBER 3910

JAMES A. VAN FLEET STATE TRAIL

THIS LEASE AMENDMENT is entered into this 24<sup>th</sup> day of August, 2004, 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 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 March 5, 1991, LESSOR and LESSEE entered into Lease Number 3910; 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 3910 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof. Unless stated otherwise, all legal descriptions and exhibits of or related to Lease No. 3910, as amended, include all sovereignty lands which are located within the property described therein.
2. It is understood and agreed by LESSOR and LESSEE that in each and every respect the terms of the Lease Number 3910, 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.

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

Judy Woodard  
Witness  
Judy Woodard  
Print/Type Witness Name

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

Florence Davis  
Witness  
Florence Davis  
Print/Type Witness Name

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 24<sup>th</sup> day of  
August, 2004, by Gloria C. Nelson, Operations and Management  
Consultant Manager, Bureau of Public Land Administration, Division of State  
Lands, 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.

Mark T. Martin  
Notary Public, State of Florida  
Mark T. Martin  
Print/Type Notary Name

Commission Number:

Commission Expires:



**Mark T. Martin**  
Commission # DD285036  
Expires January 28, 2008  
Bonded Troy Feltz - Insurance, Inc. 800-386-7010

Approved as to Form and Legality

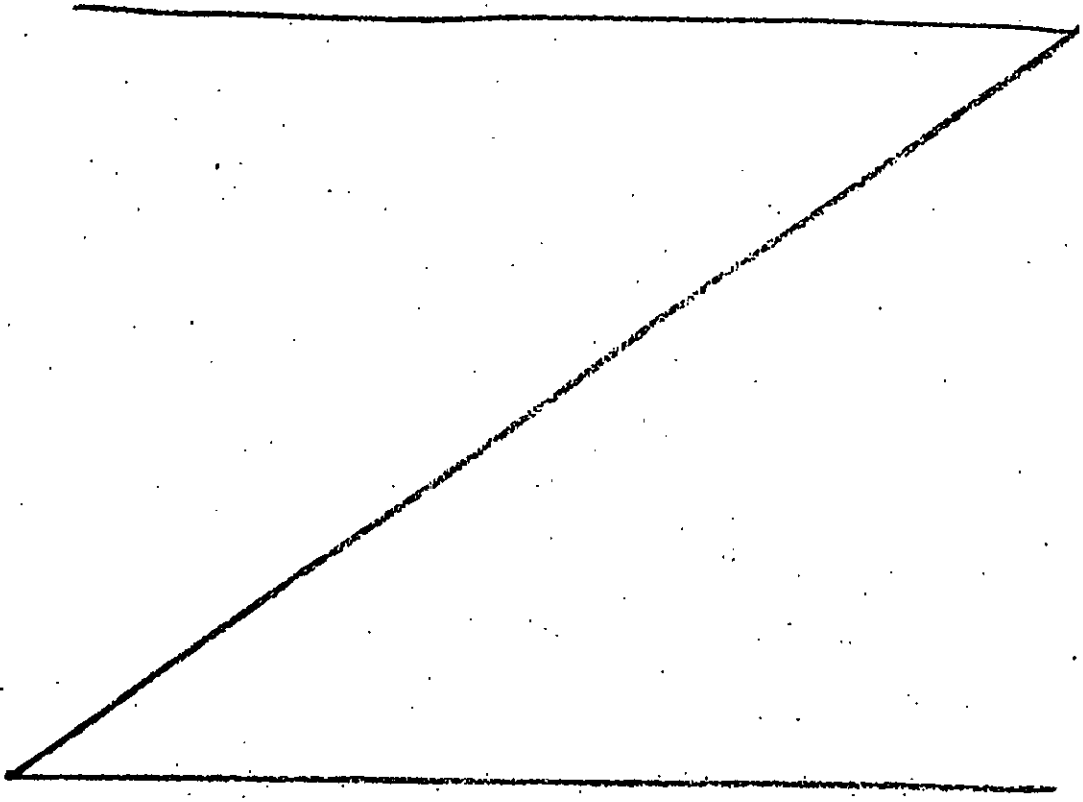
By: [Signature]  
DEW Attorney

EXHIBIT "A"

The East 1/2 of the Southeast 1/4 of Section 6, Township 23 South, Range 24 East and the Northeast 1/4 of Section 6, Township 23 South, Range 24 East, less that part of the Northeast 1/4 of Section 6, Township 23 South, Range 24 East lying West of Carter Island Road, and LESS property described in Official Records Book 1632, Page 2349 and in Official Records Book 1644, Page 657, all lying and being in Lake County, Florida.

EXCEPT

Begin at the Northwest corner of the East 1/2 of the SE 1/4 of Section 6, Township 23 South, Range 24 East, Lake County, Florida; thence N 88°53'41" W along the North line of said SE 1/4 a distance of 34.20 feet; thence N 01°14'26" W a distance of 100.85 feet to a point on the South right-of-way line of Carter Island Road as described in Official Records Book 1644, Pages 657-659, Public Records of Lake County, Florida; thence N 88°45'34" E along said South right-of-way line a distance of 43.00 feet; thence S 01°14'26" E a distance of 102.61 feet to a point on the North line of said SE 1/4; thence N 88°53'41" W along said North line a distance of 8.84 feet to the Point of Beginning.



Green Swamp/Langley  
Page 1 of 1

BSM APPROVED  
By *[Signature]* Date *11/10/03*  
*REVISED*

Exhibit "A"  
Page 5 of 5 Pages  
Amendment No. 2 to Lease No. 3910

TOTAL P. 86

898

DESCRIPTION:

ALL THAT PART OF THE CSX RAILROAD CORRIDOR AS SHOWN ON RIGHT-OF-WAY AND TRACK MAP SECTION V.5, FLA., L-27, SHEETS 5-12, FROM THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 50 IN SECTION 14, TOWNSHIP 22 SOUTH, RANGE 23 EAST, SUMTER COUNTY, FLORIDA, TO CSX VALUATION STATION 2406+17.5 IN SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST, POLK COUNTY, FLORIDA, LESS AND EXCEPT THAT FORMER RIGHT-OF-WAY CONVEYED TO THE F.W.&N. RAILROAD, A PREDECESSOR OF THE SELLER, BY SCHROEDER LAND & TIMBER COMPANY, BY DEED DATED JUNE 2, 1924, RECORDED IN DEED BOOK 105, PAGE 120, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, ALSO, LESS AND EXCEPT THAT FORMER RIGHT-OF-WAY CONVEYED TO THE F.W.&N. RAILROAD, A PREDECESSOR OF THE SELLER, BY J.C. GETZEN, AND WIFE WILLIE F. GETZEN, BY DEED DATED JULY 14, 1926, RECORDED IN DEED BOOK 133, PAGE 564, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, SAID PROPERTY LIES IN THE COUNTIES OF SUMTER, LAKE AND POLK, STATE OF FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

DESCRIPTION OF ACQUISITION AREA LYING IN SUMTER COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 22 SOUTH, RANGE 23 EAST, LYING IN SUMTER COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

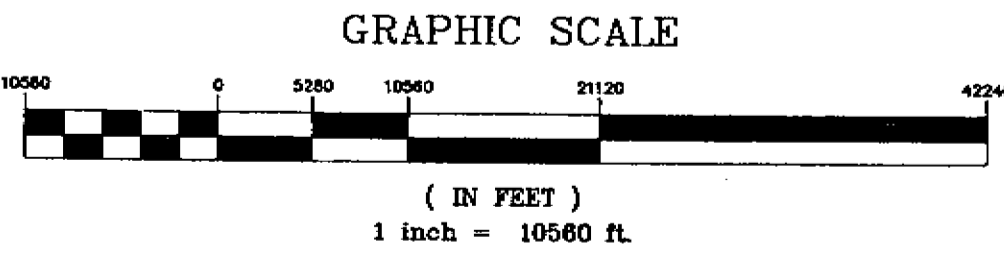
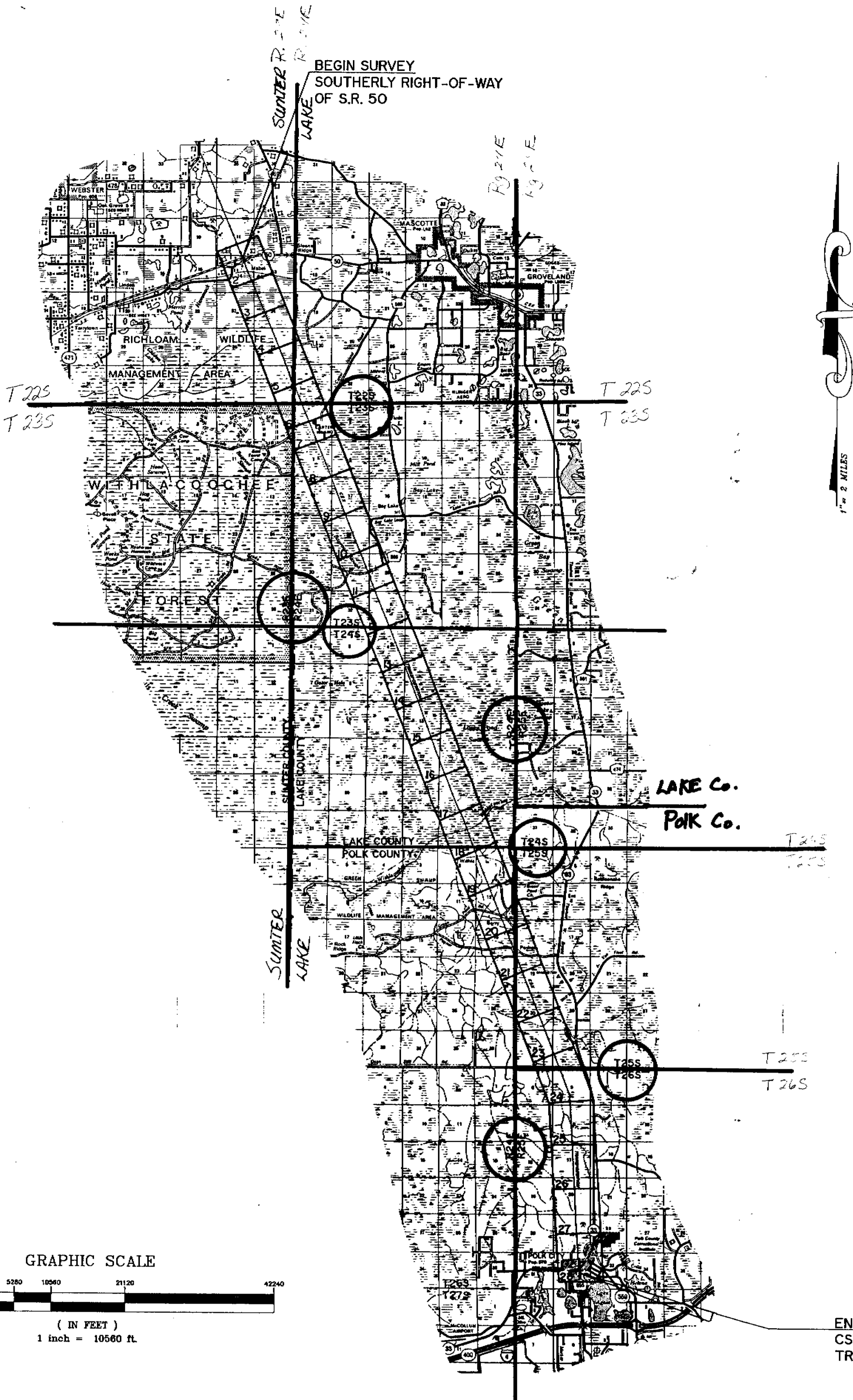
AS A POINT OF REFERENCE, COMMENCE AT THE S.E. CORNER OF SECTION 11, TOWNSHIP 22 SOUTH, RANGE 23 EAST, THENCE RUN N 00°29'44" E ALONG THE EAST LINE OF SAID SECTION 11, A DISTANCE OF 4.74' TO A NON-TANGENT CIRCULAR CURVE CONCAVE TO THE SOUTH; HAVING A RADIUS OF 3819.83', SAID CURVE ALSO BEING THE CENTERLINE OF SURVEY OF STATE ROAD 50; THENCE WESTERLY ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 12°32'56", A DISTANCE OF 836.62' (CHORD BEARING S 77°03'19" W, CHORD LENGTH 834.95') TO A POINT OF TANGENCY; THENCE S 70°46'51" W ALONG SAID CENTERLINE A DISTANCE OF 734.29' TO THE POINT OF INTERSECTION WITH THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE S 21°16'45" E, A DISTANCE OF 75.05' TO THE INTERSECTION OF THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD 50 AND THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE CONTINUE S 21°16'45" E ALONG SAID EASTERLY RAILROAD RIGHT-OF-WAY LINE, A DISTANCE OF 19402.28' TO THE WEST LINE OF THE SOUTH-WEST 1/4 OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 24 EAST; THENCE S 02°31'51" W ALONG SAID WEST LINE, A DISTANCE OF 247.72' TO THE WESTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD; THENCE N 21°16'45" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 19832.52' TO THE SOUTHERLY RIGHT-OF-WAY LINE OF STATE ROAD 50; THENCE N 70°46'51" E ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 100.07' TO THE POINT OF BEGINNING. (44.808 ACRES, MORE OR LESS)

DESCRIPTION OF ACQUISITION AREA LYING IN POLK COUNTY

A PARCEL OF LAND LOCATED IN TOWNSHIP 25 SOUTH, RANGE 24 EAST, TOWNSHIP 25 SOUTH, RANGE 25 EAST; AND TOWNSHIP 26 SOUTH, RANGE 25 EAST, LYING IN POLK COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

AS A POINT OF REFERENCE, COMMENCE AT THE N.E. CORNER OF SECTION 2, TOWNSHIP 25 SOUTH, RANGE 24 EAST, THENCE RUN S 89°57'41" W ALONG THE NORTH LINE OF THE NE 1/4 OF SAID SECTION 2, A DISTANCE OF 177.69' TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CSX TRANSPORTATION RAILROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE S 21°19'54" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5107.02'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 3444.58'; THENCE S 89°02'05" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 108.08'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 2018.78' TO THE NORTHERLY RIGHT-OF-WAY LINE OF GREEN POND ROAD ("AS MAINTAINED"); THENCE N 81°37'16" W ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, A DISTANCE OF 115.12'; THENCE S 21°18'56" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD, A DISTANCE OF 509.76'; THENCE S 21°20'18" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5858.17'; THENCE S 21°20'49" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 20011.75' TO THE BEGINNING OF A TANGENT CURVE HAVING A RADIUS OF 2915.11', CONCAVE TO THE WEST, SAID CURVE BEING SAID EASTERLY RIGHT-OF-WAY LINE; THENCE SOUTHERLY ALONG SAID CURVE TO THE RIGHT THROUGH A CENTRAL ANGLE OF 18°05'16", A DISTANCE OF 920.28' TO A POINT OF TANGENCY; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE A DISTANCE OF 24003.07' TO THE NORTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST (AS PER AMENDED MAP OF POLK COUNTY, PLAT BOOK 24, PAGE 1 AND 1-A, POLK COUNTY, FLORIDA); THENCE N 89°43'34" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 1321.79' TO THE SOUTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 32; THENCE S 89°43'34" W ALONG SAID SOUTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE S 03°15'33" E ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 189.31'; THENCE DEPARTING FROM SAID EASTERLY RIGHT-OF-WAY LINE RUN S 86°44'28" W PERPENDICULAR TO SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 100.00' TO THE WESTERLY RIGHT-OF-WAY LINE OF SAID RAILROAD; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 194.53' TO THE SOUTH LINE OF THE SW 1/4 OF THE NE 1/4 OF SAID SECTION 32; THENCE S 89°43'34" W ALONG SAID SOUTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 1321.79' TO SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4; THENCE N 89°43'34" E ALONG SAID NORTH LINE OF THE SW 1/4 OF THE NE 1/4, A DISTANCE OF 100.14'; THENCE N 03°15'33" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 23997.85' TO THE BEGINNING OF A TANGENT CURVE HAVING A RADIUS OF 2815.11', CONCAVE TO THE WEST, SAID CURVE BEING SAID WESTERLY RIGHT-OF-WAY LINE; THENCE NORTHERLY ALONG SAID CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 18°05'16", A DISTANCE OF 888.71' TO A POINT OF TANGENCY; THENCE N 21°20'49" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 20011.76'; THENCE N 21°20'18" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5858.20'; THENCE N 21°18'56" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5957.07'; THENCE N 21°19'54" W ALONG SAID WESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 5145.98' TO THE NORTH LINE OF THE NE 1/4 OF SECTION 2, TOWNSHIP 25 SOUTH, RANGE 24 EAST; THENCE N 89°57'41" E ALONG SAID NORTH LINE, A DISTANCE OF 107.33' TO THE POINT OF BEGINNING. (156.143 ACRES, MORE OR LESS)

CONTINUED ON SHEET 1A



VICINITY AND SHEET INDEX MAP

SURVEYOR'S NOTES:

- (1) REPRODUCTIONS OF THIS SURVEY ARE NOT VALID UNLESS SIGNED AND SEALED WITH THE SURVEYOR'S EMBOSSED SEAL.
- (2) LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS OF WAY, EASEMENTS, OWNERSHIP, OR OTHER INSTRUMENTS OF RECORD BY THIS FIRM.
- (3) THE HORIZONTAL CONTROL FOR THIS BOUNDARY SURVEY IS BASED ON A GEODETIC SURVEY UTILIZING GLOBAL POSITIONING SYSTEM (G.P.S.) TECHNOLOGY PERFORMED BY KEITH AND SCHNARS, LAKELAND DIVISION AS PER DRAWING NUMBER 1852-D-1 DATED 11/5/90.
- (4) BEARINGS, COORDINATES AND GRID FACTORS SHOWN HEREON ARE RELATIVE TO THE STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE N.A.D. 1983 BASED ON FINAL PUBLISHED VALUES FOR THE N.G.S. HIGH PRECISION NETWORK (GPS-170) STATIONS: FLGPS-42 1989, POLK 1935 RESET 1975, ZEPHYRPORT 1989.
- (5) DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES.
- (6) THE "LEGAL DESCRIPTION" HEREON HAS BEEN PREPARED BY THE SURVEYOR AT THE CLIENT'S REQUEST.
- (7) UNDERGROUND IMPROVEMENTS SUCH AS CULVERTS, FOUNDATIONS AND UTILITIES WERE NOT LOCATED.
- (8) STATIONING DEPICTED HEREON IS RELATIVE TO CSX RAILROAD RIGHT-OF-WAY AND TRACK MAP SECTION V.5 FLA., L-27, SHEET 5 THROUGH 12.
- (9) NON-SURVEYED SECTION LINE DATA HAS BEEN PLOTTED FROM THE ABOVE MENTIONED (NOTE 8) RIGHT-OF-WAY AND TRACK MAP.
- (10) OWNERSHIP DATA OF PARCELS ADJACENT TO THE CORRIDOR WERE PLOTTED FROM THE PROPERTY APPRAISERS MAP FOR EACH COUNTY.
- (11) THIS SURVEY DOES NOT ADDRESS THE LOCATION OF JURISDICTIONAL WETLANDS OR NAVIGABLE WATER BODIES.

LEGEND:

- ⊙ = POURED IN PLACE CONCRETE MONUMENT WITH F.O.N.R. BRASS CAP
- = 30" ALUMINUM PIPE MONUMENT (2 1/2" DIA.) WITH F.O.N.R. CAP AND METAL WITNESS POST (SET)
- = 5/8" REBAR WITH F.O.N.R. CAP AND METAL WITNESS POST (SET)
- ⊞ = CONCRETE MONUMENT (FOUND)
- R/C = REBAR AND CAP
- N/D = NAIL AND DISC
- SWFWM = SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
- I.P. = IRON PIPE
- C.M. = CONCRETE MONUMENT
- FD. = FOUND
- (F) = FIELD
- CYP = CYPRESS

CERTIFICATION:

WE HEREBY CERTIFY TO THE BOARD OF TRUSTEES FOR THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA AND TO DANESSE TITLE COMPANY THAT THIS BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD UNDER OUR DIRECTION IN FEBRUARY, 1991. WE FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH IN RULE 21HH-6 (F.A.C.) ADOPTED BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO FLORIDA STATUTES 472.027. THERE ARE NO ABOVE GROUND ENCROACHMENTS OTHER THAN THOSE SHOWN HEREON, SUBJECT TO THE QUALIFICATIONS NOTED HEREON.

*Robert M. Jones*  
ROBERT M. JONES, P.L.S.  
FLORIDA REGISTRATION NO. 4301

APPROVED - FLDNR / BSM  
Date: 4/25/91 *BSM*

REV.	DATE	DESCRIPTION

**REPS**  
REGIONAL ENGINEERS, PLANNERS AND SURVEYORS, INC.  
551 ADAMSON STREET • SUITE 202 •  
ORLANDO, FLORIDA 32804 407/740-5558

**BOUNDARY SURVEY**  
OF  
**CSX RAILROAD RIGHT-OF-WAY CORRIDOR**  
**MABEL TO POLK CITY**  
**SUMTER, LAKE AND POLK COUNTY, FLORIDA**

JOB NO. 90-296  
DESIGN BY C.B.G.  
DRAWN BY S.M.H.  
CHECKED BY R.M.J.  
DATE FEB. '91  
FILE SHITOLDING  
SHT. 1 OF 30

## **Appendix A.4**

**Lease 3910 Amendment 2 (adding 149.10 acres for the Langley Grove)**

**Partial Release of Lease 3910 (transferring Langley Grove to  
Lake Louisa State Park Lease)**

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# CUL Cover Sheet

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

Document Type: Current Uplands Leases

Instrument: [ ] Parent Lease [X] Amendment to Lease [ ] Assignment of Lease

[ ] Release [ ] Partial Release [ ] Easement [ ] Use Agreement [ ] Sublease

[ ] Amendment to Sublease [ ] Release of Sublease [ ] Other

Lease Number: 3910

Document Date: 08-24-2004

Original County: Lake

Section: 6

Township: 235

Range: 24E

Total Area / Area Unit: 149.10 (A) Acreage (S) Square Feet

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

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

Comments: Amend. # 2. James A. Van Fleet St. Trail

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

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ATL1

149.10 acres

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

---

AMENDMENT NUMBER 2 TO LEASE NUMBER 3910

JAMES A. VAN FLEET STATE TRAIL

THIS LEASE AMENDMENT is entered into this 24<sup>th</sup> day of August, 2004, 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 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 March 5, 1991, LESSOR and LESSEE entered into Lease Number 3910; 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 3910 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof. Unless stated otherwise, all legal descriptions and exhibits of or related to Lease No. 3910, as amended, include all sovereignty lands which are located within the property described therein.
2. It is understood and agreed by LESSOR and LESSEE that in each and every respect the terms of the Lease Number 3910, 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.

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

Judy Woodard  
Witness  
Judy Woodard  
Print/Type Witness Name

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

Florence Davis  
Witness  
Florence Davis  
Print/Type Witness Name

"LESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 24<sup>th</sup> day of August, 2004, by Gloria C. Nelson, Operations and Management Consultant Manager, Bureau of Public Land Administration, Division of State Lands, 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.

Mark T. Martin  
Notary Public, State of Florida  
Mark T. Martin  
Print/Type Notary Name

Commission Number:

Commission Expires:

**Mark T. Martin**  
Commission # DD285036  
Expires January 26, 2008  
Bondered Troy Fahn - Insurance, Inc. 800-386-7019

Approved as to Form and Legality

By: [Signature]  
DEP Attorney

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

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

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

Judy A. Brooks  
Witness  
Judy A. Brooks  
Print/Type Witness Name

By: [Signature]  
JAMES M. WOOD  
Print/Type Name  
Title: Assistant Director

"LESSEE"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 16<sup>th</sup> day of August 2004, by James M. Wood, as Assistant Director, State of Florida Department of Environmental Protection, Office of Greenways and Trails, who is personally known to me, ~~or who produced~~ \_\_\_\_\_ as identification.

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

Commission Number: DD119914

Commission Expires: May 23, 2006



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

This Instrument Prepared By and Please Return To:  
Elaine Vergara  
American Government Services Corporation  
3812 W. Linebaugh Avenue  
Tampa, Florida 33624  
AGS # 11981

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

THIS INDENTURE, made this 1st day of December, A.D. 2003, between Michael Rae Langley, whose address is 10392 Lane Minneola Shores, Clermont, FL 34711, 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 Lake County, Florida, to-wit:

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

Property Appraiser's Parcel Identification Number: ~~14-22-25-0002-000-00600~~ <sup>14-23-24-0001-010-100000100</sup>

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]  
(Signature of First Witness)

[Signature]  
Michael Rae Langley

Anne N. Hough  
(Printed, Typed or Stamped Name of First Witness)

[Signature]  
(Signature of Second Witness)

[Signature]  
(Printed, Typed or Stamped Name of Second Witness)

Approved for Closing  
By: [Signature]  
DEP Attorney  
Date: 12.4.03

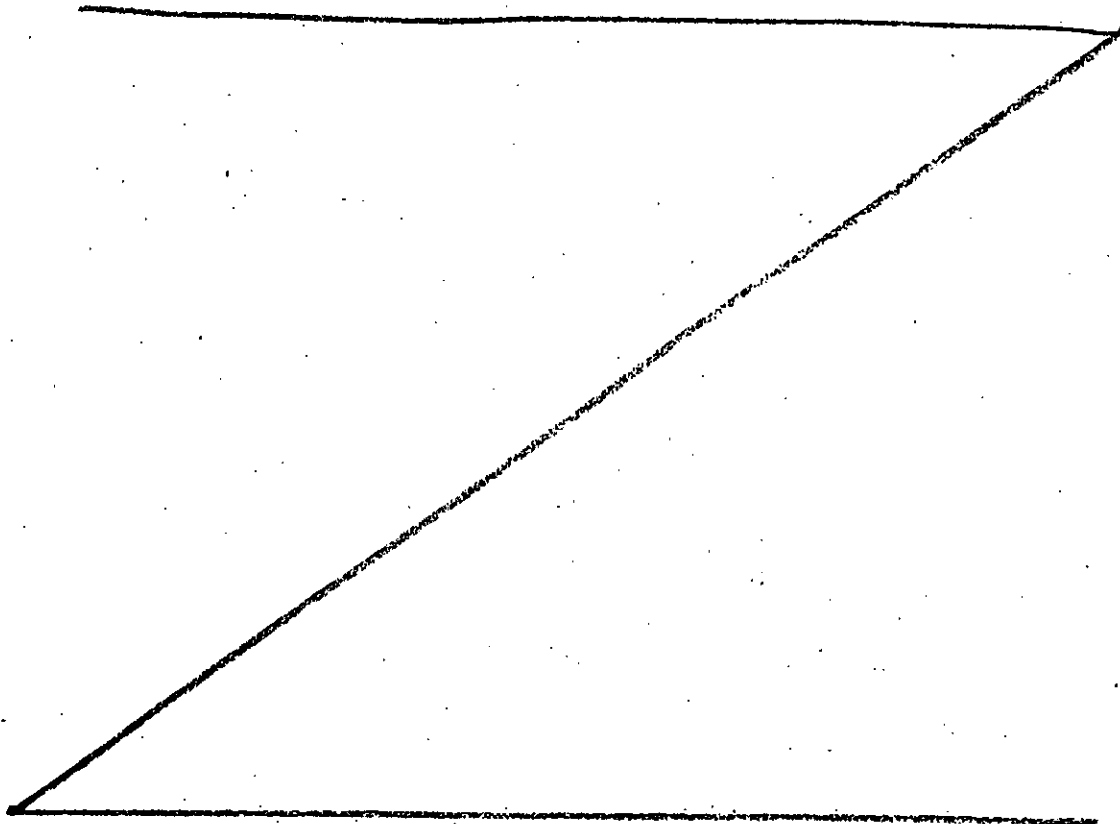
Exhibit "A"  
Page 4 of 5 Pages  
Amendment No. 2 to Lease No. 3910

EXHIBIT "A"

The East 1/2 of the Southeast 1/4 of Section 6, Township 23 South, Range 24 East and the Northeast 1/4 of Section 6, Township 23 South, Range 24 East, less that part of the Northeast 1/4 of Section 6, Township 23 South, Range 24 East lying West of Carter Island Road, and LESS property described in Official Records Book 1632, Page 2349 and in Official Records Book 1644, Page 657, all lying and being in Lake County, Florida.

EXCEPT

Begin at the Northwest corner of the East 1/2 of the SE 1/4 of Section 6, Township 23 South, Range 24 East, Lake County, Florida; thence N 88°53'41" W along the North line of said SE 1/4 a distance of 34.20 feet; thence N 01°14'26" W a distance of 100.85 feet to a point on the South right-of-way line of Carter Island Road as described in Official Records Book 1644, Pages 657-659, Public Records of Lake County, Florida; thence N 88°45'34" E along said South right-of-way line a distance of 43.00 feet; thence S01°14'26" E a distance of 102.61 feet to a point on the North line of said SE 1/4; thence N 88°53'41" W along said North line a distance of 8.84 feet to the Point of Beginning.



Great Swamp/Langley  
Page 1 of 1

BGM APPROVED  
By *[Signature]* Date *11/7/03*  
*REVISED*

Exhibit "A"  
Page 5 of 5 Pages  
Amendment No. 2 to Lease No. 3910

TOTAL P.86



# Florida Department of Environmental Protection

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

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard, Jr.  
Secretary

February 1, 2011

Mr. James M. Wood  
Office of Greenways and Trails  
Department of Environmental Protection  
3900 Commonwealth Blvd., MS-795  
Tallahassee, Florida 32399-3000

RE: Partial Release of Lease No. 3910  
(DSL - 16319)

Dear Mr. Wood,

Enclosed is a fully executed original of Partial Release of Lease No. 3910 covering the Citrus Grove in Lake County to be transferred to DEP Recreation and Parks, for your records. If you have any questions, please contact me at (850) 245-2651 or [Taurean.Lewis@DEP.state.fl.us](mailto:Taurean.Lewis@DEP.state.fl.us).

Thank you for your cooperation.

Sincerely,

*Reading Copy*

T.J. Lewis  
Land Acquisition Agent  
Division of State Lands

**RECEIVED**

FEB - 3 2011

OFFICE OF  
GREENWAYS TRAILS



# Florida Department of Environmental Protection

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

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard, Jr.  
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February 1, 2011

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Office of Greenways and Trails  
Department of Environmental Protection  
3900 Commonwealth Blvd., MS-795  
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Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink, appearing to read 'T.J. Lewis'.

T.J. Lewis  
Land Acquisition Agent  
Division of State Lands

PROL1

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

PARTIAL RELEASE OF LEASE

STATE OF FLORIDA  
COUNTY OF LEON  
LEASE NUMBER 3910

The undersigned on the 28<sup>th</sup> day of January, 2011,  
does hereby quitclaim, release and surrender all right, title and interest in  
and to the lands described in attached Exhibit "A" which are leased under  
Lease Agreement No. 3910 dated March 5, 1991, between the BOARD OF TRUSTEES OF  
THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA as LESSOR and  
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS  
AND TRAILS, successor to the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL  
PROTECTION, DIVISION OF RECREATION AND PARKS, as LESSEE, effective the 28<sup>th</sup>  
day of January, 2011.

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

By: [Signature] (SEAL)  
James M. Wood, Assistant Director

[Signature]  
Witness

Judy A. Brooks  
Print/Type Witness Name

[Signature]  
Witness

MATTHEW D. KLEIN  
Print/Type Witness Name

"LESSEE"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 28<sup>th</sup> day of  
January, 2011, by James M. Wood, as Assistant Director of the  
Office of Greenways and Trails, State of Florida Department of Environmental  
Protection. He is personally known to me or has produced  
as identification.



[Signature]  
Notary Public, State of Florida

Shannon Franklin  
Print/Type Notary Name

Commission Number: DD 958758

Commission Expires: May 23, 2014



The BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA hereby consents to the foregoing Partial Release of Lease this 28th day of January, 2011

Judy Woodard  
Witness

Judy Woodard  
Print/Type Witness Name

Alicia Buffin  
Witness

Alicia Buffin  
Print/Type Witness Name

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 28th day of January, 2011, 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, acting 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: \_\_\_\_\_  
DEP Attorney

EXHIBIT "A"

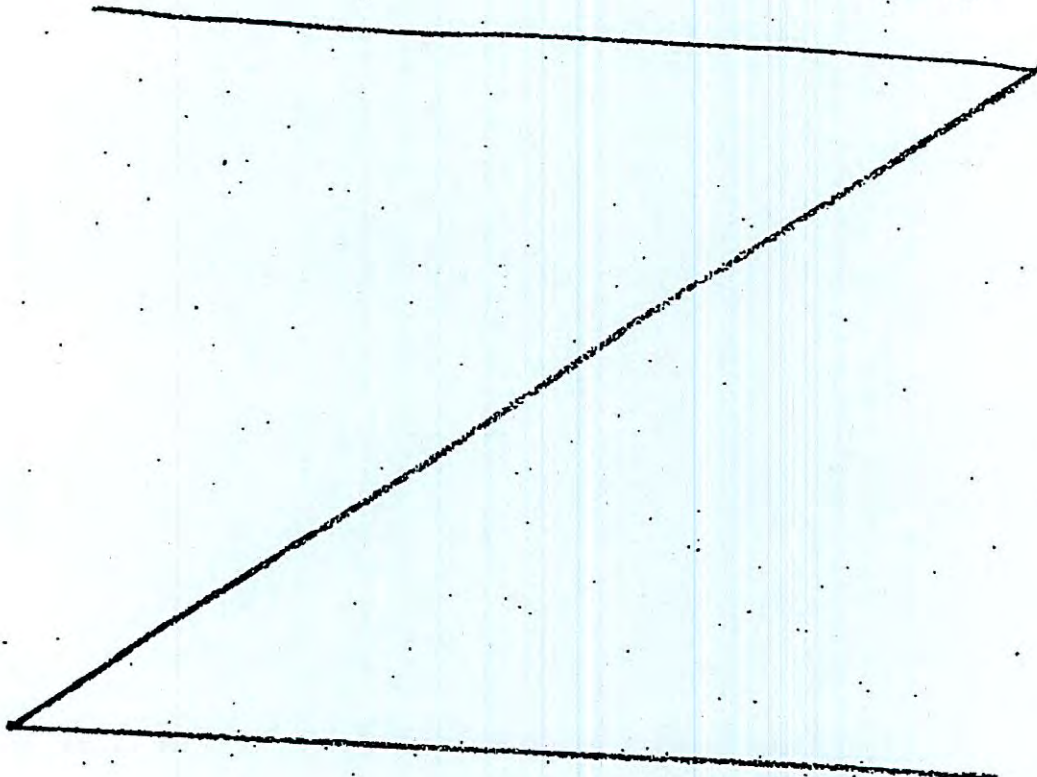
LEGAL DESCRIPTION OF RELEASED PREMISES

EXHIBIT "A"

The East 1/2 of the Southeast 1/4 of Section 6, Township 23 South, Range 24 East and the Northeast 1/4 of Section 6, Township 23 South, Range 24 East, less that part of the Northeast 1/4 of Section 6, Township 23 South, Range 24 East lying West of Carter Island Road, and LESS property described in Official Records Book 1632, Page 2349 and in Official Records Book 1644, Page 657, all lying and being in Lake County, Florida.

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**Appendix A.5**

**FDEP/OGT Sublease Agreement 3910-001**

**Polk City Skate Park**

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# 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

September 9, 2009

Matt Klein  
Office of Greenways and Trails  
Mail Station 795

RE: Sublease 3910-001 for Skate Park

Dear Matt,

Attached is a fully executed original of Sublease 3910-001 for Skate Park for your record. If you have any questions, please contact me at (850) 245-2741 or [Robin.J.Smith@DEP.state.fl.us](mailto:Robin.J.Smith@DEP.state.fl.us).

Thank you for your cooperation.

Sincerely,

Mr. Robin J. Smith  
Land Acquisition Agent  
Division of State Lands  
(850) 245- 2741

RJS/s  
Attachments

RECEIVED

SEP 9 2009

OFFICE OF  
GREENWAYS TRAILS

OAS1

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

SUBLEASE AGREEMENT

Sublease Number 3910-001 (0.13 acres)

THIS SUBLEASE AGREEMENT is entered into this 8<sup>th</sup> day of September 2009, by and between the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS hereinafter referred to as "SUBLESSOR", and the CITY OF POLK CITY, FLORIDA, hereinafter referred to as "SUBLESSEE".

WITNESSETH

In consideration of the covenants and conditions set forth herein, SUBLESSOR subleases the below described premises to SUBLESSEE on the following terms and conditions:

1. ACKNOWLEDGMENTS: The parties acknowledge that title to the subleased premises is held by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida ("TRUSTEES") and is currently managed by SUBLESSOR as the General James A. Van Fleet State Trail under TRUSTEES' Lease Number 3910.
2. DESCRIPTION OF PREMISES: The property subject to this sublease agreement, is situated in the County of Polk, State of Florida and is more particularly described in Exhibit "A" attached hereto and hereinafter referred to as the "subleased premises".
3. SUBLEASE TERM: The term of this sublease shall be for a period of fifty years commencing on September 8, 2009, and ending on September 7, 2059, unless sooner terminated pursuant to the provisions of this sublease.
4. PURPOSE: SUBLESSEE shall manage the subleased premises only for the establishment and operation of a public skate park, along with other related uses necessary for the accomplishment of this purpose as designated in the Land Use Plan required by paragraph 7 of this sublease.
5. CONFORMITY: This sublease shall conform to all terms and conditions of TRUSTEES' Lease number 3910 between the TRUSTEES and SUBLESSOR dated March 5, 1991, a copy of which is attached hereto as Exhibit "B", and SUBLESSEE shall through its agents and employees prevent the unauthorized use of the subleased premises or any use thereof not in conformance with this sublease.
6. QUIET ENJOYMENT AND RIGHT OF USE: SUBLESSEE shall have the right of ingress and egress to, from and upon the subleased premises for all purposes

necessary to full quiet enjoyment by said SUBLESSEE of the rights conveyed herein.

7. LAND USE PLAN: SUBLESSEE shall prepare and submit a Land Use Plan for the subleased premises in accordance with Section 253.034, Florida Statutes, within twelve months of the effective date of this sublease. The Land Use Plan shall be submitted to the TRUSTEES for approval through SUBLESSOR and the State of Florida Department of Environmental Protection, Division of State Lands. The subleased premises shall not be developed or physically altered in any way other than what is necessary for security and maintenance of the subleased premises without the prior written approval of the TRUSTEES and SUBLESSOR until the Land Use Plan is approved. SUBLESSEE shall provide SUBLESSOR with an opportunity to participate in all phases of preparing and developing the Land Use Plan for the subleased premises. The Land Use Plan shall be submitted to SUBLESSOR in draft form for review and comments within ten months of the effective date of this sublease. SUBLESSEE shall give SUBLESSOR reasonable notice of the application for and receipt of any state, federal, or local permits as well as any public hearings or meetings relating to the development or use of the subleased premises. SUBLESSEE shall not proceed with development of said subleased premises including, but not limited to, funding, permit application, design or building contracts, until the Land Use Plan required herein has been submitted and approved. Any financial commitments made by SUBLESSEE which are not in compliance with the terms of this sublease shall be done at SUBLESSEE'S own risk. The Land Use Plan shall emphasize the original management concept as approved by the TRUSTEES at the time of acquisition which established the primary purpose for which the subleased premises were acquired. The approved Land Use Plan shall provide the basic guidance for all management activities and shall be reviewed jointly by SUBLESSEE, SUBLESSOR and the TRUSTEES. SUBLESSEE shall not use or alter the subleased premises except as provided for in the approved Land Use Plan without the advance written approval of the TRUSTEES and SUBLESSOR. The Land Use Plan prepared under this sublease shall identify management strategies for exotic species, if present. The introduction of exotic species is prohibited, except when specifically authorized by the approved Land Use Plan.

8. ASSIGNMENT: This sublease shall not be assigned in whole or in part without the prior written consent of the TRUSTEES and SUBLESSOR. Any assignment made either in whole or in part without the prior written consent of the TRUSTEES and SUBLESSOR shall be void and without legal effect.

9. RIGHT OF INSPECTION: The TRUSTEES and SUBLESSOR or their duly authorized agents, representatives or employees shall have the right at any and all times to inspect the subleased premises and the works and operations thereon of SUBLESSEE in any matter pertaining to this sublease.

10. PLACEMENT AND REMOVAL OF EQUIPMENT: All buildings, structures, improvements and signs shall be constructed at the expense of SUBLESSEE in accordance with plans prepared by professional designers and shall require the prior written approval of SUBLESSOR as to purpose, location and design. Further, no trees, other than non-native species, shall be removed or major land alterations done without the prior written approval of SUBLESSOR.

Removable equipment placed on the subleased premises by SUBLESSEE which do not become a permanent part of the subleased premises will remain the property of SUBLESSEE and may be removed by SUBLESSEE upon termination of this sublease.

11. INSURANCE REQUIREMENTS: During the term of this sublease, SUBLESSEE shall procure and maintain policies of fire, extended risk, and liability insurance coverage. The extended risk and fire insurance coverage shall be in an amount equal to the full insurable replacement value of any improvements or fixtures located on the subleased premises. The liability insurance coverage shall be in amounts not less than \$100,000 per person and \$200,000 per incident or occurrence for personal injury, death, and property damage on the subleased premises. Such policies of insurance shall name SUBLESSEE, the TRUSTEES, SUBLESSOR and the State of Florida as additional insureds. SUBLESSEE shall submit written evidence of having procured all insurance policies required herein prior to the effective date of this sublease and shall submit annually thereafter, written evidence of maintaining such insurance policies to SUBLESSOR and the Bureau of Public Land Administration, Division of State Lands, State of Florida Department of Environmental Protection, Mail Station 130, 3800 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. SUBLESSEE shall purchase all policies of insurance from a financially-responsible insurer duly authorized to do business in the State of Florida. In lieu of purchasing insurance, SUBLESSEE shall self-insure these coverages. The insurer must possess a minimum current rating of B+ Class VIII in "Bests Key Rating Guide". Any certificate of self-insurance shall be issued or approved by the Chief Financial Officer, State of Florida. The certificate of self-insurance shall provide for casualty and liability coverage. SUBLESSEE further agrees to immediately notify SUBLESSOR, the TRUSTEES and the insurer of any erection or removal of any structure or other fixed improvement



on the subleased premises and any changes affecting the value of any improvements and to request said insurer to make adequate changes in the coverage to reflect the changes in value. SUBLESSEE shall be financially responsible for any loss due to failure to obtain adequate insurance coverage, and the failure to maintain such policies or certificate in the amounts set forth shall constitute a breach of this sublease.

12. LIABILITY: Each party is responsible for all personal injury and property damage attributable to the negligent acts or omissions of that party and the officers, employees and agents thereof. Nothing herein shall be construed as an indemnity or a waiver of sovereign immunity enjoyed by any party hereto, as provided in Section 768.28, Florida Statutes, as amended from time to time, or any other law providing limitations on claims.

13. PAYMENT OF TAXES AND ASSESSMENTS: SUBLESSEE shall assume full responsibility for and shall pay all liabilities that accrue to the subleased premises or to the improvements thereon, including any and all drainage and special assessments or taxes of every kind and all mechanic's or materialman's liens which may be hereafter lawfully assessed and levied against the subleased premises.

14. NO WAIVER OF BREACH: The failure of SUBLESSOR to insist in any one or more instances upon strict performance of any one or more of the covenants, terms and conditions of this sublease shall not be construed as a waiver of such covenants, terms and conditions, but the same shall continue in full force and effect, and no waiver of SUBLESSOR of any of the provisions hereof shall in any event be deemed to have been made unless the waiver is set forth in writing, signed by SUBLESSOR.

15. TIME: Time is expressly declared to be of the essence of this sublease.

16. NON-DISCRIMINATION: As a condition of obtaining this sublease, SUBLESSEE hereby agrees not to discriminate against any individual because of that individual's race, color, religion, sex, national origin, age, handicap, or marital status with respect to any activity occurring within the subleased premises or upon lands adjacent to and used as an adjunct of the subleased premises.

17. UTILITY FEES: SUBLESSEE shall be responsible for the payment of all charges for the furnishing of gas, electricity, water and other public utilities to the subleased premises and for having all utilities turned off when the subleased premises are surrendered.

18. MINERAL RIGHTS: This sublease does not cover petroleum or petroleum products or minerals and does not give the right to SUBLESSEE to drill for or develop the same. However, SUBLESSEE shall be fully compensated for any and all damages that might result to the subleasehold interest of SUBLESSEE by reason of such exploration and recovery operations.

19. RIGHT OF AUDIT: SUBLESSEE shall make available to the TRUSTEES and SUBLESSOR all financial and other records relating to this sublease, and SUBLESSOR and or the TRUSTEES shall have the right to audit such records at any reasonable time. This right shall be continuous until this sublease expires or is terminated. This sublease may be terminated by SUBLESSOR should SUBLESSEE fail to allow public access to all documents, papers, letters or other materials made or received in conjunction with this sublease, pursuant to the provisions of Chapter 119, Florida Statutes.

20. CONDITION OF PROPERTY: SUBLESSOR assumes no liability or obligation to SUBLESSEE with reference to the condition of the subleased premises or the suitability of the subleased premises for any improvements. The subleased premises herein are subleased by SUBLESSOR to SUBLESSEE in an "as is" condition, with SUBLESSOR assuming no responsibility for bidding, contracting, permitting, construction, and the care, repair, maintenance or improvement of the subleased premises for the benefit of SUBLESSEE.

21. NOTICES: All notices given under this sublease shall be in writing and shall be served by certified mail including, but not limited to, notice of any violation served pursuant to Section 253.04, Florida Statutes, to the last address of the party to whom notice is to be given, as designated by such party in writing. SUBLESSOR and SUBLESSEE hereby designate their address as follows:

SUBLESSOR: Office of Greenways and Trails  
State of Florida Department of  
Environmental Protection  
3900 Commonwealth Boulevard M.S. 795  
Tallahassee, Florida 32399-3000

SUBLESSEE: City of Polk City  
123 Broadway Boulevard, S.E.  
Polk City, Florida 33868

Mandatory copy to:

State of Florida Department  
of Environmental Protection  
Division of State Lands M.S. 130  
Bureau of Public Land Administration  
3800 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

22. BREACH OF COVENANTS, TERMS, OR CONDITIONS: Should SUBLESSEE breach any of the covenants, terms, or conditions of this sublease, SUBLESSOR shall give

written notice to SUBLESSEE to remedy such breach within sixty days of such notice. In the event SUBLESSEE fails to remedy the breach to the satisfaction of SUBLESSOR within sixty days of receipt of written notice, SUBLESSOR may either terminate this sublease and recover from SUBLESSEE all damages SUBLESSOR may incur by reason of the breach including, but not limited to, the cost of recovering the subleased premises and attorneys' fees or maintain this sublease in full force and effect and exercise all rights and remedies herein conferred upon SUBLESSOR.

23. DAMAGE TO THE PREMISES: (a) SUBLESSEE shall not do, or suffer to be done, in, on or upon the subleased premises or as affecting said subleased premises or adjacent properties, any act which may result in damage or depreciation of value to the subleased premises or adjacent properties, or any part thereof. (b) SUBLESSEE shall not generate, store, produce, place, treat, release, or discharge any contaminants, pollutants or pollution, including, but not limited to, hazardous or toxic substances, chemicals or other agents on, into, or from the subleased premises or any adjacent lands or waters in any manner not permitted by law. For the purposes of this sublease, "hazardous substances" shall mean and include those elements or compounds defined in 42 USC Section 9601 or which are contained in the list of hazardous substances adopted by the United States Environmental Protection Agency (EPA) and the list of toxic pollutants designated by the United States Congress or the EPA or defined by any other federal, state or local statute, law, ordinance, code, rule, regulation, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning any hazardous, toxic or dangerous waste, substance, material, pollutant or contaminant.

"Pollutants" and "pollution" shall mean those products or substances defined in Chapters 376 and 403, Florida Statutes, and the rules promulgated thereunder, all as amended or updated from time to time. In the event of SUBLESSEE'S failure to comply with this paragraph, SUBLESSEE shall, at its sole cost and expense, promptly commence and diligently pursue any legally required closure, investigation, assessment, cleanup, decontamination, remediation, restoration and monitoring of (1) the subleased premises, and (2) all off-site ground and surface waters and lands affected by SUBLESSEE'S such failure to comply, as may be necessary to bring the subleased premises and affected off-site waters and lands into full compliance with all applicable federal, state or local statutes, laws, ordinances, codes, rules, regulations, orders and decrees, and to restore the damaged property to the condition

existing immediately prior to the occurrence which caused the damage. SUBLESSEE'S obligations set forth in this paragraph shall survive the termination or expiration of this sublease. This paragraph shall not be construed as a limitation upon obligations or responsibilities of SUBLESSEE as set forth herein. Nothing herein shall relieve SUBLESSEE of any responsibility or liability prescribed by law for fines, penalties, and damages levied by governmental agencies, and the cost of cleaning up any contamination caused directly or indirectly by SUBLESSEE'S activities or facilities. Upon discovery of a release of a hazardous substance or pollutant, or any other violation of local, state or federal law, ordinance, code, rule, regulation, order or decree relating to the generation, storage, production, placement, treatment, release or discharge of any contaminant, SUBLESSEE shall report such violation to all applicable governmental agencies having jurisdiction, and to SUBLESSOR, all within the reporting periods of the applicable agencies.

24. ENVIRONMENTAL AUDIT: At SUBLESSOR'S discretion, SUBLESSEE shall provide SUBLESSOR with a current Phase I environmental site assessment conducted in accordance with the State of Florida Department of Environmental Protection, Division of State Lands' standards prior to termination of this sublease, and if necessary a Phase II environmental site assessment.

25. SURRENDER OF PREMISES: Upon termination or expiration of this sublease, SUBLESSEE shall surrender the subleased premises to SUBLESSOR. In the event no further use of the subleased premises or any part thereof is needed, SUBLESSEE shall give written notification to SUBLESSOR and the Bureau of Public Land Administration, Division of State Lands, State of Florida State of Florida Department of Environmental Protection, Mail Station 130, 3800 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, at least six months prior to the release of any or all of the subleased premises. Notification shall include a legal description, this sublease number and an explanation of the release. The release shall only be valid if approved by SUBLESSOR and the TRUSTEES through execution of a release of sublease instrument with the same formality as this sublease. Upon release of all or any part of the subleased premises or upon termination or expiration of this sublease, all improvements, including both physical structures and modifications of the subleased premises, shall become the property of the TRUSTEES and SUBLESSOR, unless SUBLESSOR gives written notice to SUBLESSEE to remove any or all such improvements at the expense of SUBLESSEE. The decision to retain any improvements upon termination of this sublease shall be at SUBLESSOR'S sole

discretion. Prior to surrender of all or any part of the subleased premises a representative of SUBLESSOR shall perform an on-site inspection and the keys to any building on the subleased premises shall be turned over to SUBLESSOR. If the subleased premises do not meet all conditions as set forth in paragraphs 17 and 34 herein, SUBLESSEE shall, at its expense, pay all costs necessary to meet the prescribed conditions.

26. BEST MANAGEMENT PRACTICES: SUBLESSEE shall implement applicable Best Management Practices for all activities conducted under this sublease in compliance with paragraph 18-2.018(2)(h), Florida Administrative Code, which have been selected, developed, or approved by SUBLESSOR, SUBLESSEE or other land managing agencies for the protection and enhancement of the subleased premises.

27. SOVEREIGNTY SUBMERGED LANDS: This sublease does not authorize any use of lands located waterward of the mean or ordinary high water line of any lake, river, stream, creek, bay, estuary, or other water body or the waters or the air space thereabove.

28. PROHIBITIONS AGAINST LIENS OR OTHER ENCUMBRANCES: Fee title to the subleased premises is held by the TRUSTEES. SUBLESSEE shall not do or permit anything to be done which purports to create a lien or encumbrance of any nature against the real property contained in the subleased premises including, but not limited to, mortgages or construction liens against the subleased premises or against any interest of the TRUSTEES and SUBLESSOR therein.

29. CONDITIONS AND COVENANTS: All of the provisions of this sublease shall be deemed covenants running with the land included in the subleased premises, and construed to be "conditions" as well as "covenants" as though the words specifically expressing or imparting covenants and conditions were used in each separate provision.

30. PARTIAL INVALIDITY: If any term, covenant, condition or provision of this sublease shall be ruled by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

31. ENTIRE UNDERSTANDING: This sublease sets forth the entire understanding between the parties and shall only be amended with the prior written approval of the TRUSTEES and SUBLESSOR.

32. EASEMENTS: All easements including, but not limited to, utility easements are expressly prohibited without the prior written approval of the

TRUSTEES and SUBLESSOR. Any easement not approved in writing by the TRUSTEES and SUBLESSOR shall be void and without legal effect.

33. SUBSUBLEASES: This sublease is for the purposes specified herein and any subsubleases of any nature are prohibited, without the prior written approval of the TRUSTEES and SUBLESSOR. Any subsublease not approved in writing by the TRUSTEES and SUBLESSOR shall be void and without legal effect.

34. MAINTENANCE OF IMPROVEMENTS: SUBLESSEE shall maintain the real property contained within the subleased premises and any improvements located thereon, in a state of good condition, working order and repair including, but not limited to, removing all trash or litter, maintaining all planned improvements as set forth in the approved Land Use Plan, and meeting all building and safety codes. LESSEE shall maintain any and all existing roads, canals, ditches, culverts, risers and the like in as good condition as the same may be on the effective date of this sublease.

35. COMPLIANCE WITH LAWS: SUBLESSEE agrees that this sublease is contingent upon and subject to SUBLESSEE obtaining all applicable permits and complying with all applicable permits, regulations, ordinances, rules, and laws of the State of Florida or the United States or of any political subdivision or agency of either.

36. ARCHAEOLOGICAL AND HISTORIC SITES: Execution of this sublease in no way affects any of the parties' obligations pursuant to Chapter 267, Florida Statutes. The collection of artifacts or the disturbance of archaeological and historic sites on state-owned lands is prohibited unless prior authorization has been obtained from the State of Florida Department of State, Division of Historical Resources. The Management Plan prepared pursuant to Chapter 18-2 Florida Administrative Code, shall be reviewed by the Division of Historical Resources to insure that adequate measures have been planned to locate, identify, protect, and preserve the archaeological and historic sites and properties on the subleased premises.

37. GOVERNING LAW: This sublease shall be governed by and interpreted according to the laws of the State of Florida.

38. SECTION CAPTIONS: Articles, subsections and other captions contained in this sublease are for reference purposes only and are in no way intended to describe, interpret, define or limit the scope, extent or intent of this sublease or any provisions thereof.

39. ADMINISTRATIVE FEE: SUBLESSEE shall pay TRUSTEES an annual administrative fee of \$300 pursuant to subsection 18-2.020(8),

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

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

By: [Signature] (SEAL)  
Jim Wood, Assistant Director

[Signature]  
Witness

Cynthia Radford  
Print/Type Witness Name

[Signature]  
Witness

MATTHEW KLEN  
Print/Type Witness Name

"SUBLESSOR"

STATE OF FLORIDA  
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 8th day of September, 2009, by Jim Wood, as Assistant Director, of the Office of Greenways and Trails of the State of Florida Department of Environmental Protection. He is personally known to me or have produced \_\_\_\_\_ as identification.

[Signature]  
Notary Public, State of Florida

Shannon Franklin  
Print/Type Notary Name

Commission Number: DD510275

Commission Expires: May 23, 2010



**Shannon Franklin**  
Commission # DD510275  
Expires May 23, 2010  
Bonded Troy Fair Insurance, Inc. 800-385-7019

CITY OF POLK CITY, FLORIDA

By: Donald Penton (SEAL)

Donald Penton  
Print/Type Name

Title: Mayor

"SUBLESSEE"

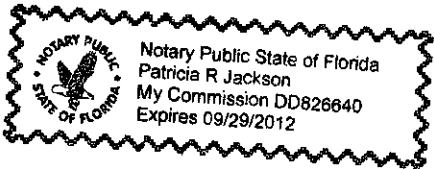
Pam Peterson

Witness  
Pam Peterson  
Print/Type Witness Name

Patricia R Jackson  
Witness  
Patricia R Jackson  
Print/Type Witness Name

STATE OF FLORIDA  
COUNTY OF POLK

The foregoing instrument was acknowledged before me this 2<sup>nd</sup> day of September 2009, by Donald Penton as Mayor on behalf of the City of Polk City, Florida. He/She is/are personally known to me or has produced as identification.



Patricia R Jackson  
Notary Public, State of Florida

Patricia R Jackson  
Print/Type Notary Name

Commission Number:

Commission Expires:

Consented to by the TRUSTEES on 8<sup>th</sup> day of September, 2009.

By: Gloria C. Barber  
Gloria C. Barber, Operations and Management Consultant Manager  
Bureau of Public Land Administration  
Division of State Lands, State of Florida  
Department of Environmental Protection

Approved as to Form and Legality  
By: [Signature]  
DEP Attorney



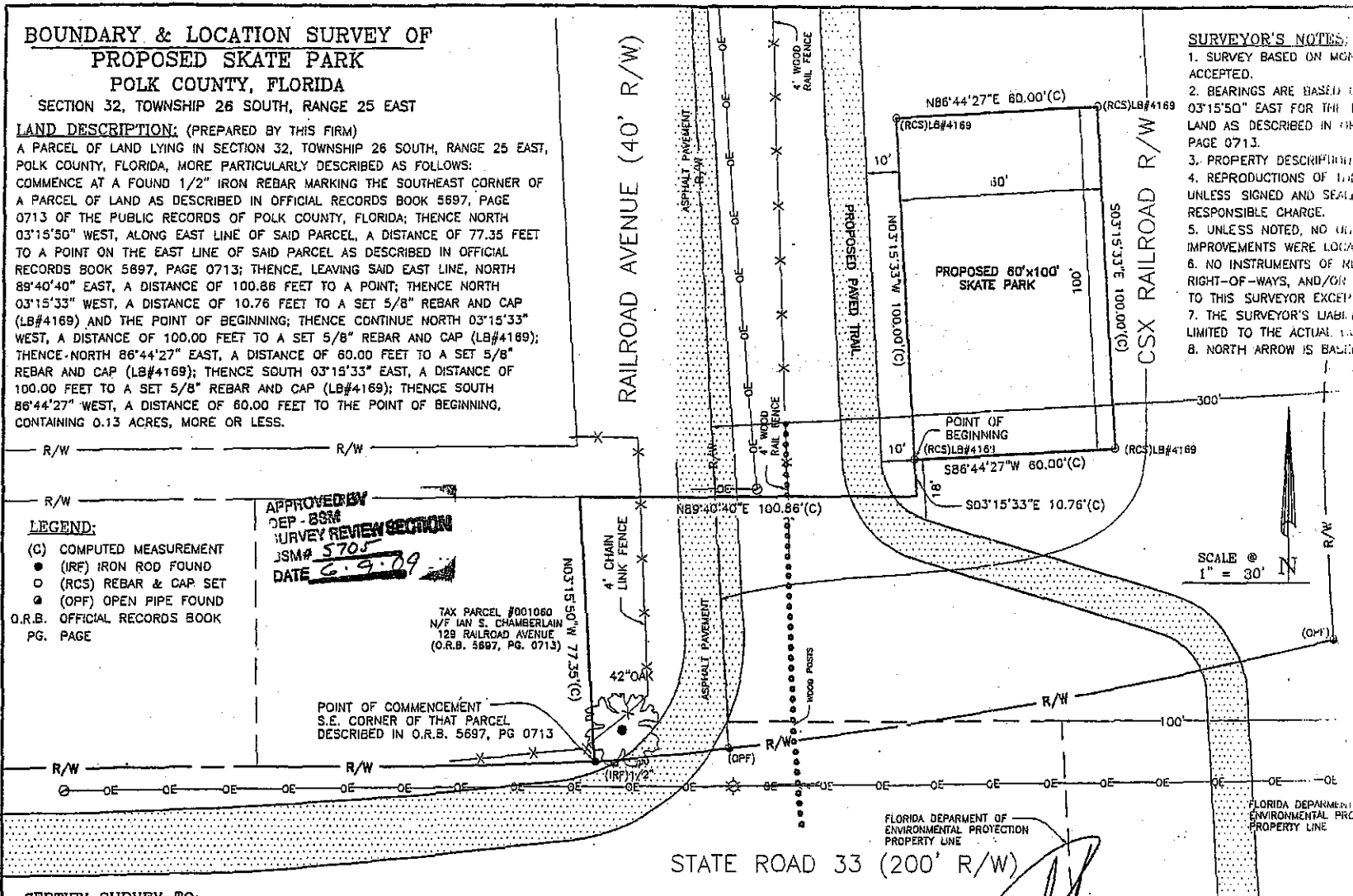
EXHIBIT "A"  
LEGAL DESCRIPTION OF THE SUBLEASED PREMISES

**BOUNDARY & LOCATION SURVEY OF  
PROPOSED SKATE PARK  
POLK COUNTY, FLORIDA**

SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST

**LAND DESCRIPTION:** (PREPARED BY THIS FIRM)  
A PARCEL OF LAND LYING IN SECTION 32, TOWNSHIP 26 SOUTH, RANGE 25 EAST, POLK COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCE AT A FOUND 1/2" IRON REBAR MARKING THE SOUTHEAST CORNER OF A PARCEL OF LAND AS DESCRIBED IN OFFICIAL RECORDS BOOK 5697, PAGE 0713 OF THE PUBLIC RECORDS OF POLK COUNTY, FLORIDA; THENCE NORTH 03°15'50" WEST, ALONG EAST LINE OF SAID PARCEL, A DISTANCE OF 77.35 FEET TO A POINT ON THE EAST LINE OF SAID PARCEL AS DESCRIBED IN OFFICIAL RECORDS BOOK 5697, PAGE 0713; THENCE, LEAVING SAID EAST LINE, NORTH 89°40'40" EAST, A DISTANCE OF 100.86 FEET TO A POINT; THENCE NORTH 03°15'33" WEST, A DISTANCE OF 10.76 FEET TO A SET 5/8" REBAR AND CAP (LB#4169) AND THE POINT OF BEGINNING; THENCE CONTINUE NORTH 03°15'33" WEST, A DISTANCE OF 100.00 FEET TO A SET 5/8" REBAR AND CAP (LB#4169); THENCE NORTH 86°44'27" EAST, A DISTANCE OF 60.00 FEET TO A SET 5/8" REBAR AND CAP (LB#4169); THENCE SOUTH 03°15'33" EAST, A DISTANCE OF 100.00 FEET TO A SET 5/8" REBAR AND CAP (LB#4169); THENCE SOUTH 86°44'27" WEST, A DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING, CONTAINING 0.13 ACRES, MORE OR LESS.

- SURVEYOR'S NOTES:**
1. SURVEY BASED ON MONUMENTS ACCEPTED.
  2. BEARINGS ARE BASED ON 03°15'50" EAST FOR THE EAST LINE AS DESCRIBED IN OFFICIAL RECORDS BOOK 5697, PAGE 0713.
  3. PROPERTY DESCRIPTIONS ARE UNLESS SIGNED AND SEALED BY RESPONSIBLE CHARGE.
  4. REPRODUCTIONS OF THIS SURVEY UNLESS SIGNED AND SEALED BY RESPONSIBLE CHARGE.
  5. UNLESS NOTED, NO UTILITIES OR IMPROVEMENTS WERE LOCATED.
  6. NO INSTRUMENTS OF RECORD, EASEMENTS, RIGHTS-OF-WAYS, AND/OR OTHER INTERESTS TO THIS SURVEYOR EXCEPT AS NOTED.
  7. THE SURVEYOR'S LIABILITY IS LIMITED TO THE ACTUAL SURVEY.
  8. NORTH ARROW IS BASED ON MAGNETIC DECLINATION.



- LEGEND:**
- (C) COMPUTED MEASUREMENT
  - (IRF) IRON ROD FOUND
  - (RCS) REBAR & CAP SET
  - (OPF) OPEN PIPE FOUND
  - O.R.B. OFFICIAL RECORDS BOOK
  - PG. PAGE

APPROVED BY  
DEP - 838M  
SURVEY REVIEW SECTION  
JSM# 5705  
DATE 6-9-09

TAX PARCEL #001060  
N/F IAN S. CHAMBERLAIN  
129 RAILROAD AVENUE  
(O.R.B. 5697, PG. 0713)

POINT OF COMMENCEMENT  
S.E. CORNER OF THAT PARCEL  
DESCRIBED IN O.R.B. 5697, PG 0713

SCALE @  
1" = 30'

**CERTIFY SURVEY TO:**

I, TERRENCE J. BRANNAN, DO HEREBY CERTIFY THAT A BOUNDARY AND LOCATION SURVEY OF THE HEREON DESCRIBED PROPERTY WAS MADE UNDER MY DIRECTION AND SUPERVISION ON 6-3-2009 AND THAT IT MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

SCALE: 1" = 30'	PAGE 1 OF 1		<b>TERRENCE J. BRANNAN</b> LAND SURVEYOR FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS
BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"	DATE: 6-3-2009 DRAWN BY: GUY REVISION NOTES:		
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	COPYRIGHT © TERRENCE J. BRANNAN, LAND SURVEYOR INC.	JOB NO. 08624	ACAD FILE: 08624-SK TERRENCE J. BRANNAN, 8910 W. UNIVERSITY AVE., GAINESVILLE, FLORIDA 32609

Page 13 of 38  
Sublease No. 3910-001

R01/08

Exhibit "B"

(1) 3910

SAL8103

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

LEASE AGREEMENT

Lease No. 3910

This lease is made and entered into this 5<sup>th</sup> day of March, 1991, 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 NATURAL RESOURCES, 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 Natural Resources.
2. DESCRIPTION OF PREMISES: The property subject to this lease, is situated in the Counties of Sumter, Lake and Polk, State of Florida and is more particularly described in Exhibit A attached hereto and hereinafter called the "leased premises".
3. TERM: The term of this lease shall be for a period of fifty (50) years, commencing on March 19, 1991 and ending on March 19, 2041, unless sooner terminated pursuant to the provisions of this lease.

Page 1 of 25  
Lease No. 3910

## **Appendix B**

### **Census Data**

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**Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009**

Geographic Area	Population Estimates							
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002
<b>Florida</b>	<b>18,537,969</b>	<b>18,423,878</b>	<b>18,277,888</b>	<b>18,088,505</b>	<b>17,783,868</b>	<b>17,375,259</b>	<b>16,981,183</b>	<b>16,680,309</b>
Alachua County	243,574	242,133	240,196	237,199	231,849	228,346	225,862	223,994
Baker County	26,336	26,048	25,605	25,021	24,382	23,789	23,285	23,143
Bay County	164,767	163,802	163,300	163,802	161,586	157,841	154,726	152,213
Bradford County	29,235	29,171	28,997	28,610	28,191	27,791	27,097	26,343
Brevard County	536,357	536,314	534,407	530,319	526,088	515,890	502,985	494,239
Broward County	1,766,476	1,753,262	1,746,968	1,762,334	1,766,620	1,741,272	1,719,073	1,698,735
Calhoun County	13,821	13,543	13,515	13,394	13,352	13,058	12,986	12,745
Charlotte County	156,952	157,736	157,235	154,885	153,407	156,281	152,138	149,473
Citrus County	140,357	140,865	139,838	136,796	132,947	129,208	125,757	123,243
Clay County	186,756	185,102	182,392	176,720	168,280	162,473	155,357	150,645
Collier County	318,537	315,533	313,463	311,650	306,640	295,453	284,896	275,367
Columbia County	69,264	68,901	67,927	66,975	63,916	61,457	59,898	58,333
DeSoto County	35,297	35,036	35,096	34,764	34,258	34,240	33,531	32,662
Dixie County	14,824	14,846	14,871	14,859	14,600	14,199	13,895	13,940
Duval County	857,040	853,116	848,841	842,100	830,828	821,644	812,238	802,673
Escambia County	303,343	302,776	302,580	305,287	302,476	301,768	301,040	299,746
Flagler County	91,622	90,700	88,088	82,285	75,420	68,241	62,154	57,432
Franklin County	11,280	11,247	11,272	11,134	10,055	9,981	9,950	9,934
Gadsden County	47,474	47,450	46,728	46,109	45,863	45,506	45,223	45,182
Gilchrist County	17,116	17,046	16,918	16,558	16,217	15,714	15,448	14,874
Glades County	10,950	11,072	10,967	11,093	11,270	11,123	10,946	10,912
Gulf County	15,755	15,683	15,763	15,713	15,658	15,364	15,210	14,880
Hamilton County	14,592	14,412	14,251	14,124	13,762	13,894	13,850	13,698
Hardee County	29,415	29,135	28,832	28,192	27,846	27,657	27,416	27,284
Hendry County	39,594	39,602	39,399	39,106	38,521	37,221	36,424	36,248
Hernando County	171,233	171,447	168,982	163,551	156,478	149,114	142,368	137,681
Highlands County	98,704	99,034	98,512	97,265	95,174	92,752	90,700	89,822
Hillsborough County	1,195,317	1,180,118	1,169,910	1,158,212	1,132,025	1,099,688	1,071,415	1,050,928
Holmes County	19,099	19,170	19,119	19,055	18,882	18,819	18,876	18,614
Indian River County	135,167	134,293	132,837	129,980	126,778	124,105	119,836	117,807
Jackson County	50,930	50,915	48,955	48,832	48,460	47,424	46,688	46,441
Jefferson County	14,010	13,982	13,854	13,988	13,831	13,723	13,405	13,200
Lafayette County	7,949	8,054	8,023	8,013	7,868	7,438	7,228	7,202
<b>Lake County</b>	<b>312,119</b>	<b>307,964</b>	<b>302,170</b>	<b>291,330</b>	<b>275,559</b>	<b>260,829</b>	<b>246,008</b>	<b>234,662</b>
Lee County	586,908	588,709	585,264	565,956	541,542	512,180	490,139	474,109

**Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009**

Geographic Area	Population Estimates							
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002
Leon County	265,714	264,597	262,720	258,104	253,978	250,863	248,102	243,733
Levy County	39,147	39,199	38,830	38,240	37,357	36,729	35,946	35,586
Liberty County	7,983	7,966	7,798	7,729	7,577	7,292	7,210	7,141
Madison County	18,901	18,961	18,977	18,981	18,801	18,859	18,619	18,621
Manatee County	318,361	316,059	314,027	311,553	305,054	294,894	286,175	279,448
Marion County	328,547	327,172	323,032	313,964	301,714	289,817	279,156	271,261
Martin County	139,794	139,080	138,865	137,740	138,474	137,009	134,556	131,604
Miami-Dade County	2,500,625	2,478,745	2,453,567	2,438,702	2,413,583	2,381,215	2,352,658	2,328,122
Monroe County	73,165	73,298	73,420	74,104	76,135	77,901	78,880	78,963
Nassau County	70,576	69,815	68,441	66,529	64,526	62,909	61,513	60,458
Okaloosa County	178,473	179,529	180,911	182,462	183,398	182,220	178,644	175,924
Okeechobee County	40,241	40,222	40,023	39,813	39,380	38,672	37,303	36,822
Orange County	1,086,480	1,075,737	1,066,117	1,053,941	1,029,447	993,478	965,744	946,806
Osceola County	270,618	266,609	258,283	246,259	231,926	220,191	206,016	194,071
Palm Beach County	1,279,950	1,269,745	1,264,648	1,265,707	1,262,956	1,240,191	1,208,940	1,185,745
Pasco County	471,709	468,384	459,566	444,325	425,683	404,697	385,513	371,409
Pinellas County	909,013	910,058	912,764	918,551	924,628	924,605	923,484	923,557
<b>Polk County</b>	<b>583,403</b>	<b>580,282</b>	<b>573,483</b>	<b>557,477</b>	<b>538,638</b>	<b>521,029</b>	<b>508,118</b>	<b>498,428</b>
Putnam County	72,893	73,455	73,740	73,411	72,750	72,019	71,248	71,004
St. Johns County	187,436	182,447	175,818	168,762	160,508	151,916	142,313	135,882
St. Lucie County	266,502	265,646	260,461	249,741	237,569	225,240	212,555	204,349
Santa Rosa County	151,759	150,356	147,753	144,279	142,364	138,284	132,549	128,077
Sarasota County	369,765	369,867	368,841	365,613	363,146	354,095	345,161	338,940
Seminole County	413,204	410,658	408,308	408,464	402,834	392,099	385,706	381,313
<b>Sumter County</b>	<b>77,681</b>	<b>75,219</b>	<b>72,711</b>	<b>68,577</b>	<b>63,405</b>	<b>60,069</b>	<b>58,797</b>	<b>57,482</b>
Suwannee County	40,149	39,830	39,473	38,773	38,055	37,103	36,440	35,942
Taylor County	21,400	21,390	20,947	20,016	19,861	19,573	19,619	19,222
Union County	14,584	14,935	14,727	14,274	14,350	14,086	13,462	13,472
Volusia County	495,890	497,344	498,769	494,302	485,940	476,695	465,989	458,400
Wakulla County	32,815	31,142	30,246	29,158	27,799	26,691	25,699	24,929
Walton County	55,105	53,920	52,664	51,372	49,581	47,684	45,721	44,046
Washington County	23,916	23,994	22,883	22,371	21,822	21,651	21,299	21,148

**Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009**

Geographic Area	Population Estimates							
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002
<p>Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2009 population estimates series are defined as of January 1, 2009.</p>								
<p><b>Suggested Citation:</b>  <b>Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009 (CO-EST2009-01-12)</b>  <b>Source: U.S. Census Bureau, Population Division</b>  <b>Release Date: March 2010</b></p>								

**Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009**

Geographic Area			April 1, 2000	
	July 1, 2001	July 1, 2000	Estimates Base	Census
<b>Florida</b>	<b>16,353,869</b>	<b>16,047,118</b>	<b>15,982,839</b>	<b>15,982,378</b>
Alachua County	221,394	218,602	217,955	217,955
Baker County	22,533	22,373	22,259	22,259
Bay County	149,807	148,258	148,218	148,217
Bradford County	26,094	26,078	26,088	26,088
Brevard County	485,810	477,735	476,230	476,230
Broward County	1,667,903	1,631,723	1,623,016	1,623,018
Calhoun County	12,734	13,040	13,017	13,017
Charlotte County	146,008	142,246	141,627	141,627
Citrus County	121,081	118,639	118,085	118,085
Clay County	145,492	141,621	140,814	140,814
Collier County	264,232	254,070	251,377	251,377
Columbia County	57,340	56,726	56,510	56,513
DeSoto County	32,603	32,262	32,209	32,209
Dixie County	13,921	13,817	13,827	13,827
Duval County	791,064	779,803	778,866	778,879
Escambia County	298,831	294,784	294,410	294,410
Flagler County	53,715	50,560	49,832	49,832
Franklin County	9,882	9,841	9,829	11,057
Gadsden County	45,467	45,067	45,087	45,087
Gilchrist County	14,556	14,540	14,443	14,437
Glades County	10,761	10,585	10,576	10,576
Gulf County	14,889	14,587	14,559	13,332
Hamilton County	13,702	13,325	13,327	13,327
Hardee County	26,679	26,911	26,938	26,938
Hendry County	36,173	36,326	36,210	36,210
Hernando County	134,090	131,425	130,803	130,802
Highlands County	88,459	87,407	87,366	87,366
Hillsborough County	1,026,319	1,003,269	998,943	998,948
Holmes County	18,634	18,535	18,564	18,564
Indian River County	115,324	113,387	112,943	112,947
Jackson County	46,431	46,754	46,754	46,755
Jefferson County	12,835	12,906	12,902	12,902
Lafayette County	7,119	7,038	7,022	7,022
<b>Lake County</b>	<b>224,077</b>	<b>212,808</b>	<b>210,509</b>	<b>210,528</b>
Lee County	458,557	443,916	440,889	440,888



**Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009**

Geographic Area			April 1, 2000	
	July 1, 2001	July 1, 2000	Estimates Base	Census
Leon County	241,627	240,410	239,454	239,452
Levy County	34,927	34,617	34,450	34,450
Liberty County	7,005	6,996	7,021	7,021
Madison County	18,828	18,746	18,733	18,733
Manatee County	272,034	265,662	264,006	264,002
Marion County	264,393	260,285	258,914	258,916
Martin County	129,149	127,160	126,731	126,731
Miami-Dade County	2,294,643	2,258,765	2,253,786	2,253,362
Monroe County	79,105	79,483	79,589	79,589
Nassau County	59,123	57,949	57,663	57,663
Okaloosa County	171,966	170,966	170,497	170,498
Okeechobee County	36,315	35,917	35,910	35,910
Orange County	927,735	902,756	896,354	896,344
Osceola County	183,420	174,182	172,493	172,493
Palm Beach County	1,157,710	1,135,318	1,131,190	1,131,184
Pasco County	358,627	347,318	344,771	344,765
Pinellas County	923,153	922,261	921,497	921,482
<b>Polk County</b>	<b>491,393</b>	<b>485,378</b>	<b>483,924</b>	<b>483,924</b>
Putnam County	70,401	70,419	70,423	70,423
St. Johns County	129,832	124,478	123,148	123,135
St. Lucie County	197,728	193,433	192,695	192,695
Santa Rosa County	121,531	118,387	117,743	117,743
Sarasota County	332,874	327,041	325,966	325,957
Seminole County	373,723	367,089	365,202	365,196
<b>Sumter County</b>	<b>54,709</b>	<b>53,554</b>	<b>53,348</b>	<b>53,345</b>
Suwannee County	35,539	35,024	34,847	34,844
Taylor County	19,262	19,215	19,254	19,256
Union County	13,511	13,462	13,442	13,442
Volusia County	451,291	445,060	443,343	443,343
Wakulla County	24,046	22,989	22,866	22,863
Walton County	42,502	40,819	40,602	40,601
Washington County	21,251	21,015	20,973	20,973

**Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009**

Geographic Area			April 1, 2000	
	July 1, 2001	July 1, 2000	Estimates Base	Census
<p>Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2009 population estimates series are defined as of January 1, 2009.</p>				
<p><b>Suggested Citation:</b>  <b>Table 1. Annual Estimates of the Resident Population for Counties of Florida: April 1, 2000 to July 1, 2009 (CO-EST2009-01-12)</b>  <b>Source: U.S. Census Bureau, Population Division</b>  <b>Release Date: March 2010</b></p>				

## **Appendix C**

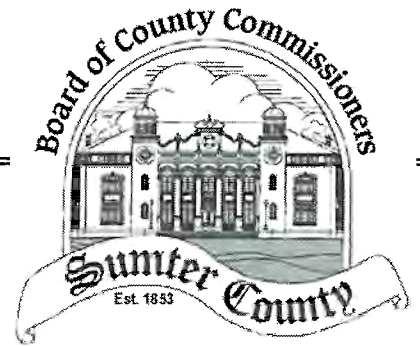
### **Verification of Compliance with Local Comprehensive Plans**

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**Board of County Commissioners**  
**Division of Planning & Development**

**Planning Services**

7375 Powell Road, Suite 115 • Wildwood, FL 34785 • Phone (352) 689-4460 • FAX: (352) 689-4461  
Website: <http://sumtercountyfl.gov/planning>



May 6, 2011

Marsha Connell  
Office of Greenways and Trails  
3900 Commonwealth Blvd., MS 795  
Tallahassee, FL 32399-3000

Re: **General James A. Van Fleet State Trail, Parcel T14RR002**

Ms. Connell,

This letter is in response to your request for information on the above referenced parcel located in Sumter County Florida. The property is designated Conservation on the Future Land Use Map Use as a public trailway is consistent with the Conservation land use district and in compliance with provisions of the Sumter County Comprehensive Plan.

If you have any questions, please contact me at (352) 689-4464 or via email at [sue.farnsworth@sumtercountyfl.gov](mailto:sue.farnsworth@sumtercountyfl.gov)

Sincerely,

Sue Farnsworth, Planner  
Sumter County Planning & Development

Cc: Aimee Webb, Development Coordinator (email)

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# LAKE COUNTY

DEPARTMENT OF  
GROWTH MANAGEMENT  
*Planning & Community Design Division*

July 12, 2011

Marsha Connell  
Office of Greenways and Trails  
3900 Commonwealth Boulevard, MS 795  
Tallahassee, Florida 32399-3000

RE: Van Fleet Trail, Lake County, Florida

Dear Ms. Connell:

This letter is provided pursuant to your request for information regarding the consistency of the Van Fleet Trail with the Lake County Comprehensive Plan. The Van Fleet Trail within unincorporated Lake County is part of Florida's Statewide System of Greenways and Trails. The trail is situated in the southwest portion of Lake County and travels a distance of 13.5 miles through the Green Swamp, connecting Polk and Sumter Counties for a total distance of 29.2 miles. The completion of Lake County's South Lake Trail, connecting the Van Fleet Trail to the West Orange Trail in Orange County, is a key element towards the goal of creating a 225-250 mile "Central Florida Loop Trail". Please reference the enclosed map.

The Van Fleet Trail is specified within the Lake County 2008 Trails Master Plan, which is referenced in the Lake County 2030 Comprehensive Plan. The following objective and policies are excerpts from the Lake County 2030 Comprehensive Plan that demonstrates consistency of the Van Fleet Trail with the comprehensive plan.

- **OBJECTIVE VII-1.5 - TRAILS AND GREENWAYS**

Lake County shall foster the development of a comprehensive greenway, blueway, trails, equestrian and bikeway system that provides for the protection of natural resources, scenic value, eco-tourism, and resource-oriented recreation.

PLANNING AND COMMUNITY DESIGN DIVISION | *A division of the Department of Growth Management*  
P.O. BOX 7800 • 315 W. MAIN ST., TAVARES, FL 32778 • P 352.343.9641 • F 352.343.9767  
*Board of County Commissioners • www.lakecountyfl.gov*

JENNIFER HILL  
*District 1*

SEAN M. PARKS, AICP, QEP  
*District 2*

JIMMY CONNER  
*District 3*

LESLIE CAMPIONE  
*District 4*

WELTON G. CADWELL  
*District 5*

- **Policy VII-1.5.1 - Greenways and Blueways**

Lake County shall coordinate the establishment and maintenance of greenway and blueway trails to help connect natural resources and parks to the trail system as identified in the Lake County Trails Master Plan, September 2008, or its successor documents.

- **VII-1.5.2.1 - Interconnectivity**

The County shall strive to interconnect existing and future dedicated open space areas, pedestrian and bicycle trails, hiking trails, equestrian trails, canoe runs, and where appropriate, utility corridors, into the greenways and blueways network.

Should you have any questions, please do not hesitate to contact Bobby Bonilla, Lake County Director of Parks at 352-742-3863.

Sincerely,



Steve K. Greene, AICP

Chief Planner

[sgreene@lakecountyfl.gov](mailto:sgreene@lakecountyfl.gov)

cc: Bobby Bonilla, Director, Parks  
Thomas Eicher, Manager, Parks & Trails  
Brian T. Sheahan, AICP, Director, Planning and Community Design



**Office of Planning and Development**  
Thomas Deardorff, AICP, Director



*Board of County Commissioners*

330 W. Church St.  
P.O. Box 9005, Drawer GM03  
Bartow, FL 33831-9005  
(863)534-6792  
Fax 863-534-6407  
[www.polk-county.net](http://www.polk-county.net)

**Land Development Division**  
Chandra Frederick, AICP, Director

June 2, 2011

Marsha Connell  
Office of Greenways and Trails  
3900 Commonwealth Blvd., MS 795  
Tallahassee, FL 32399-3000

Re: Polk County Comprehensive Plan Consistency of the General James A. Van Fleet State Trail

Ms. Connell:

This letter is in response to your request for acknowledgment that the General James A. Van Fleet State Trail is in compliance with Polk County's Comprehensive Plan. This trail is paved and runs approximately 29.2 miles through three counties (Polk, Sumter, and Lake). In review of the Polk County Comprehensive Plan, the trail meets the intent and goals of the Recreation and Open Space Element (Division 3.500). Therefore, the General James A. Van Fleet State Trail is consistent with the Polk County Comprehensive Plan.

If you have any further questions, please contact me or Tom Wodrich at (863) 534-6792.

Sincerely,

Chandra Frederick, AICP  
Director, Land Development Division

RECEIVED

JUN - 6 2011

OFFICE OF  
GREENWAYS TRAILS

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## **Appendix D**

### **Climate**

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# Climatology of the United States

## No. 20

### 1971-2000

**Station: WINTER HAVEN, FL**

**COOP ID: 089707**

**Climate Division: FL 4**

**NWS Call Sign:**

**Elevation: 145 Feet**

**Lat: 28°01N**

**Lon: 81°44W**

### 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	73.6	51.0	62.3	89+	1986	3	71.8	1974	19	1985	21	51.7	1981	190	90	.0	.0	31.0	.0	1.7	.0
Feb	75.7	51.7	63.7	92	2001	10	70.2	1990	25	1989	25	55.7	1978	118	81	.0	.1	28.1	.0	.8	.0
Mar	80.2	56.4	68.3	94	1977	21	73.6	1997	23	1980	3	62.9	1981	49	151	.0	.8	31.0	.0	.1	.0
Apr	84.2	59.8	72.0	98	1986	27	77.1	1991	32	1987	5	66.9	1987	12	222	.0	4.1	30.0	.0	@	.0
May	88.9	66.0	77.5	100+	1986	30	81.7	1995	46+	1971	5	74.4	1972	0	387	@	13.8	31.0	.0	.0	.0
Jun	91.5	70.5	81.0	103+	1985	17	85.5	1998	50	1984	1	78.4	1976	0	479	.5	22.3	30.0	.0	.0	.0
Jul	92.5	72.1	82.3	100+	1985	5	84.7	1989	59	1967	23	80.0	1974	0	536	@	28.0	31.0	.0	.0	.0
Aug	92.4	72.8	82.6	100	1979	1	85.6	1989	62	1972	10	80.0	1972	0	545	@	27.5	31.0	.0	.0	.0
Sep	90.4	71.8	81.1	98	1990	9	83.9	1989	59	1981	19	79.1	1975	0	483	.0	20.2	30.0	.0	.0	.0
Oct	85.3	65.7	75.5	96+	1986	2	78.9	1985	44+	1990	26	70.8	1987	3	327	.0	4.4	31.0	.0	.0	.0
Nov	79.3	59.1	69.2	91+	1986	13	76.8	1986	26	1970	25	64.0	1976	40	165	.0	.3	30.0	.0	.0	.0
Dec	74.3	53.1	63.7	92	1985	1	70.8	1971	19+	1989	24	57.1	1989	126	85	.0	.1	30.9	.0	.7	.0
Ann	84.0	62.5	73.3	103+	Jun 1985	17	85.6	Aug 1989	19+	Dec 1989	24	51.7	Jan 1981	538	3551	.5	121.6	365.0	.0	3.3	.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

# Climatography of the United States

## No. 20 1971-2000

**Station: WINTER HAVEN, FL**

**COOP ID: 089707**

**Climate Division: FL 4**

**NWS Call Sign:**

**Elevation: 145 Feet**

**Lat: 28°01N**

**Lon: 81°44W**

### 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	Med-ian	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	2.39	1.78	2.63	1969	4	6.57	1979	.24	1971	7.8	4.3	2.0	.7	.35	.55	.90	1.23	1.57	1.95	2.39	2.92	3.65	4.82	5.95	
Feb	2.57	1.97	4.10	1971	8	10.61	1998	.32	1989	7.3	4.3	1.5	.7	.38	.59	.96	1.32	1.69	2.10	2.57	3.14	3.91	5.17	6.38	
Mar	3.36	2.60	6.74	1960	16	9.61	1987	.55	1999	7.2	4.6	2.2	1.1	.76	1.07	1.56	2.01	2.45	2.92	3.45	4.08	4.91	6.23	7.48	
Apr	2.21	1.92	2.74	1957	12	5.11	1997	.00	1981	5.5	3.8	1.7	.7	.28	.56	.93	1.25	1.57	1.90	2.28	2.73	3.32	4.27	5.16	
May	3.68	3.37	3.89	1982	29	12.99	1979	.08	2000	7.8	5.3	2.3	1.0	.43	.71	1.23	1.74	2.29	2.90	3.61	4.49	5.69	7.68	9.60	
Jun	6.91	6.18	5.53	1982	18	16.44	1992	.66	1998	13.1	9.6	4.6	2.4	2.10	2.76	3.74	4.58	5.40	6.25	7.18	8.28	9.70	11.92	13.97	
Jul	8.12	8.27	4.70	1960	29	15.77	2000	1.95	1972	16.3	12.1	5.4	2.4	2.77	3.54	4.66	5.61	6.52	7.45	8.47	9.66	11.19	13.55	15.72	
Aug	7.52	7.36	6.00	1949	27	12.76	1977	2.04	1980	16.3	11.7	5.0	2.3	3.39	4.06	4.98	5.73	6.43	7.14	7.89	8.75	9.84	11.49	12.97	
Sep	6.16	5.56	5.90	1998	19	19.34	1998	1.10	1972	12.9	8.6	3.9	1.6	1.61	2.19	3.08	3.87	4.65	5.46	6.37	7.44	8.84	11.05	13.12	
Oct	2.64	2.28	3.90	1956	16	6.77	1995	.43	1974	7.3	4.6	1.6	.7	.43	.66	1.04	1.40	1.78	2.19	2.65	3.22	3.99	5.22	6.41	
Nov	2.43	2.11	4.98	1988	23	7.81	1988	.19	1985	6.5	3.3	1.5	.8	.23	.41	.74	1.08	1.45	1.86	2.35	2.97	3.81	5.22	6.59	
Dec	2.23	1.70	3.20	1953	5	9.79	1997	.03+	1987	7.0	3.4	1.5	.7	.08	.19	.43	.72	1.06	1.47	1.99	2.66	3.62	5.27	6.94	
Ann	50.22	49.56	6.74	Mar 1960	16	19.34	Sep 1998	.00	Apr 1981	115.0	75.6	33.2	15.1	38.36	40.72	43.71	45.96	47.94	49.84	51.79	53.94	56.52	60.23	63.42	

+ 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/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: WINTER HAVEN, FL

COOP ID: 089707

Climate Division: FL 4

NWS Call Sign:

Elevation: 145 Feet

Lat: 28°01N

Lon: 81°44W

Snow (inches)																							
Snow Totals															Mean Number of Days (1)								
Means/Medians (1)					Extremes (2)										Snow Fall >= Thresholds					Snow Depth >= Thresholds			
Month	Snow Fall Mean	Snow Fall Median	Snow Depth Mean	Snow Depth Median	Highest Daily Snow Fall	Year	Day	Highest Monthly Snow Fall	Year	Highest Daily Snow Depth	Year	Day	Highest Monthly Mean Snow Depth	Year	0.1	1.0	3.0	5.0	10.0	1	3	5	10
Jan	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Feb	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Mar	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Apr	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
May	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jun	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jul	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Aug	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Sep	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Oct	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nov	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Dec	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ann	.0	.0	N/A	N/A	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0

+ Also occurred on an earlier date(s) #Denotes trace amounts

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

-9/-9.9 represents missing values

Annual statistics for Mean/Median snow depths are not appropriate

(1) Derived from Snow Climatology and 1971-2000 daily data

(2) Derived from 1971-2000 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)

# Climatography of the United States

## No. 20 1971-2000

Station: WINTER HAVEN, FL

COOP ID: 089707

Climate Division: FL 4

NWS Call Sign:

Elevation: 145 Feet

Lat: 28° 01N

Lon: 81° 44W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	3/21	3/09	2/28	2/21	2/14	2/07	1/30	1/20	12/31
<b>32</b>	3/10	2/25	2/15	2/07	1/30	1/21	1/11	12/26	0/00
<b>28</b>	2/10	1/28	1/17	1/05	12/16	0/00	0/00	0/00	0/00
<b>24</b>	1/22	12/31	0/00	0/00	0/00	0/00	0/00	0/00	0/00
<b>20</b>	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
<b>16</b>	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	11/25	12/07	12/15	12/22	12/29	1/05	1/13	1/22	2/10
<b>32</b>	12/14	12/24	12/31	1/06	1/13	1/19	1/27	2/08	0/00
<b>28</b>	12/27	1/09	1/21	2/03	0/00	0/00	0/00	0/00	0/00
<b>24</b>	1/06	1/29	0/00	0/00	0/00	0/00	0/00	0/00	0/00
<b>20</b>	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
<b>16</b>	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	>365	>365	333	319	309	300	292	283	270
<b>32</b>	>365	>365	>365	350	340	332	325	317	306
<b>28</b>	>365	>365	>365	>365	>365	>365	>365	361	330
<b>24</b>	>365	>365	>365	>365	>365	>365	>365	>365	>365
<b>20</b>	>365	>365	>365	>365	>365	>365	>365	>365	>365
<b>16</b>	>365	>365	>365	>365	>365	>365	>365	>365	>365

\* Probability of observing a temperature as cold, or colder, later in the spring or earlier in the fall than the indicated date.

0/00 Indicates that the probability of occurrence of threshold temperature is less than the indicated probability.

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) Appendix D



# Climatology of the United States

## No. 20 1971-2000

**Station: WINTER HAVEN, FL**

**COOP ID: 089707**

**Climate Division: FL 4**

**NWS Call Sign:**

**Elevation: 145 Feet**

**Lat: 28°01N**

**Lon: 81°44W**

<b>Degree Days to Selected Base Temperatures (°F)</b>													
<b>Base</b>	<b>Heating Degree Days (1)</b>												
<b>Below</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Ann</b>
<b>65</b>	190	118	49	12	0	0	0	0	0	3	40	126	538
<b>60</b>	125	54	14	1	0	0	0	0	0	0	11	55	260
<b>57</b>	85	29	5	0	0	0	0	0	0	0	4	29	152
<b>55</b>	63	19	2	0	0	0	0	0	0	0	1	19	104
<b>50</b>	29	5	0	0	0	0	0	0	0	0	0	5	39
<b>32</b>	0	0	0	0	0	0	0	0	0	0	0	0	0

<b>Base</b>	<b>Cooling Degree Days (1)</b>												
<b>Above</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Ann</b>
<b>32</b>	939	887	1124	1200	1410	1469	1559	1568	1473	1348	1115	982	15074
<b>55</b>	289	262	413	510	697	779	846	855	783	635	426	288	6783
<b>57</b>	248	216	355	450	635	719	784	793	723	573	369	237	6102
<b>60</b>	195	157	270	361	542	629	691	700	633	480	286	170	5114
<b>65</b>	90	81	151	222	387	479	536	545	483	327	165	85	3551
<b>70</b>	59	30	68	110	237	329	381	390	333	187	80	30	2234

<b>Growing Degree Units (2)</b>																								
<b>Base</b>	<b>Growing Degree Units (Monthly)</b>												<b>Growing Degree Units (Accumulated Monthly)</b>											
	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>40</b>	703	696	882	970	1169	1236	1323	1328	1243	1108	885	744	703	1399	2281	3251	4420	5656	6979	8307	9550	10658	11543	12287
<b>45</b>	550	553	728	820	1014	1086	1168	1173	1093	953	735	591	550	1103	1831	2651	3665	4751	5919	7092	8185	9138	9873	10464
<b>50</b>	402	410	575	670	859	936	1013	1018	943	798	585	440	402	812	1387	2057	2916	3852	4865	5883	6826	7624	8209	8649
<b>55</b>	269	277	422	520	704	786	858	863	793	643	436	300	269	546	968	1488	2192	2978	3836	4699	5492	6135	6571	6871
<b>60</b>	160	163	281	371	549	636	703	708	643	490	295	177	160	323	604	975	1524	2160	2863	3571	4214	4704	4999	5176
<b>Base</b>	<b>Growing Degree Units for Corn (Monthly)</b>												<b>Growing Degree Units for Corn (Accumulated Monthly)</b>											
<b>50/86</b>	457	449	584	657	808	858	905	920	873	778	593	478	457	906	1490	2147	2955	3813	4718	5638	6511	7289	7882	8360

(1) Derived from the 1971-2000 Monthly Normals

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

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

Complete documentation available from:

www.ncdc.noaa.gov/oa/climate/normal/us\_normals.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/snowclim/mainpage.html](http://www.ncdc.noaa.gov/oa/climate/monitoring/snowclim/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,  
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## **Appendix E**

### **Soils**

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## SOILS DESCRIPTIONS

### GENERAL JAMES A. VAN FLEET STATE TRAIL

Map unit: 42 - Adamsville fine sand

Component: Adamsville (85%)

The Adamsville component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains, rises on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 33 inches during June, July, August, September, October, and November. Organic matter content in the surface horizon is about 1 percent. This component is in the R154XY008FL Upland Hardwood Hammocks ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 4 - Anclote and Myakka soils

Component: Anclote (35%)

The Anclote component makes up 35 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY011FL Slough ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 36 - Basinger mucky fine sand, depressional

Component: Basinger, depressional (85%)

The Basinger, depressional component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 14 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 50 - Candler-Urban land complex, 0 to 5 percent slopes

Component: Candler (55%)

The Candler component makes up 55 percent of the map unit. Slopes are 0 to 5 percent. This component is on ridges on marine terraces on coastal plains. The parent material consists of eolian deposits and/or sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 80 - Chobee fine sandy loam, frequently flooded

Component: Chobee (90%)

The Chobee component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on marine terraces on coastal plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 60 - Delray fine sand, depressional

Component: Delray (80%)

The Delray component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 4 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 61 - EauGallie fine sand

Component: EauGallie, non-hydric (70%)

The EauGallie, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September. Organic matter content in the surface horizon is about 5 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 37 - Ellzey sand

Component: Ellzey, non-hydric (70%)

The Ellzey, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during July, August. Organic matter content in the surface horizon is about 4 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 42 - Felda fine sand

Component: Felda (80%)

The Felda component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on drainageways on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, July, August, September, October, November, December. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY011FL Slough ecological site. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 7 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 36 - Floridana mucky fine sand, depressional

Component: Floridana, depressional (85%)

The Floridana, depressional component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during January, February, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 10 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 57 - Haplaquents clayey

Component: Haplaquents, clayey (95%)

The Haplaquents, clayey component makes up 95 percent of the map unit. Slopes are 0 to 1 percent. This component is on coastal plains, marine terraces, depressions. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 33 - Holopaw fine sand, depressional

Component: Holopaw, depressional (70%)

The Holopaw, depressional component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 50 - Immokalee sand

Component: Immokalee, non-hydric (70%)

The Immokalee, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Immokalee, hydric (15%)

The Immokalee, hydric component makes up 15 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 26 - Lochloosa fine sand

Component: Lochloosa (90%)

The Lochloosa component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains, rises on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 45 inches during July, August, September, October. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY008FL Upland Hardwood Hammocks ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.



Map unit: 10 - Malabar fine sand

Component: Malabar (80%)

The Malabar component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on drainageways on marine terraces on coastal plains, flats on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September, October, November. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY011FL Slough ecological site. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 76 - Millhopper fine sand, 0 to 5 percent slopes

Component: Millhopper (90%)

The Millhopper component makes up 90 percent of the map unit. Slopes are 0 to 5 percent. This component is on ridges on marine terraces on coastal plains, knolls on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 57 inches during July, August, September, October, November, December. Organic matter content in the surface horizon is about 1 percent. This component is in the R154XY008FL Upland Hardwood Hammocks ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 31 - Myakka sand

Component: Myakka, non-hydric (60%)

The Myakka, non-hydric component makes up 60 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September. Organic matter content in the surface horizon is about 4 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 31 - Ocoee mucky peat

Component: Ocoee, freq. flooded (90%)

The Ocoee, freq. flooded component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of herbaceous organic material over sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is high. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 50 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 33 - Ona fine sand

Component: Ona, non-hydric (70%)

The Ona, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during March, April, May, June, July, August, September, October. Organic matter content in the surface horizon is about 3 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Ona, hydric (20%)

The Ona, hydric component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during June, July, August, September. Organic matter content in the surface horizon is about 3 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 40 - Placid and Myakka sands, depressional

Component: Placid (55%)

The Placid component makes up 55 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY011FL Slough ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 25 - Placid and Myakka fine sands, depressional

Component: Placid, depressional (60%)

The Placid, depressional component makes up 60 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Myakka, depressional (30%)

The Myakka, depressional component makes up 30 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 4 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 30 - Placid fine sand, depressional

Component: Placid (80%)

The Placid component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on drainageways on marine terraces on coastal plains, depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 38 - Placid sand, depressional

Component: Placid, depressional (70%)

The Placid, depressional component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 6 inches during March, April, May, June, July, August, September, October. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY011FL Slough ecological site. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 7 - Pomona fine sand

Component: Pomona, non-hydric (70%)

The Pomona, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Pomona, hydric (20%)

The Pomona, hydric component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 51 - Pomona-Urban land complex

Component: Pomona, non-hydric (45%)

The Pomona, non-hydric component makes up 45 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Urban land (30%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Map unit: 42 - Pompano sand

Component: Pompano, non-hydric (60%)

The Pompano, non-hydric component makes up 60 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during May, June, July, August, September, October. Organic matter content in the surface horizon is about 3 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Pompano, hydric (20%)

The Pompano, hydric component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during June, July, August, September. Organic matter content in the surface horizon is about 3 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 13 - Samsula muck

Component: Samsula (80%)

The Samsula component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces on coastal plains. The parent material consists of herbaceous organic material over sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 60 percent. This component is in the R154XY010FL Freshwater Marshes And Ponds ecological site. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 39 - Seffner sand

Component: Seffner (90%)

The Seffner component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during July, August. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 17 - Smyrna and Myakka fine sands

Component: Myakka (40%)

The Myakka component makes up 40 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 4 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Smyrna, non-hydric (40%)

The Smyrna, non-hydric component makes up 40 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 3 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Smyrna, hydric (15%)

The Smyrna, hydric component makes up 15 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during June, July, August, September, October. Organic matter content in the surface horizon is about 3 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 1 - Sparr sand, 0 to 5 percent slopes

Component: Sparr (80%)

The Sparr component makes up 80 percent of the map unit. Slopes are 0 to 5 percent. This component is on rises on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 27 inches during July, August. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY008FL Upland Hardwood Hammocks ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 44 - Swamp

Component: Mineral soil (50%)

Generated brief soil descriptions are created for major soil components. The Mineral soil is a miscellaneous area.

Component: Organic soil (50%)

Generated brief soil descriptions are created for major soil components. The Organic soil is a miscellaneous area

Map unit: 15 - Tavares fine sand, 0 to 5 percent slopes

Component: Tavares (85%)

The Tavares component makes up 85 percent of the map unit. Slopes are 0 to 5 percent. This component is on knolls on marine terraces on coastal plains, ridges on marine terraces on coastal plains. The parent material consists of eolian or sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 57 inches during June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 1 percent. This component is in the R154XY002FL Longleaf Pine-Turkey Oak Hills ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 45 - Tavares sand, 0 to 5 percent slopes

Component: Tavares (90%)

The Tavares component makes up 90 percent of the map unit. Slopes are 0 to 5 percent. This component is on ridges on marine terraces on coastal plains. The parent material consists of eolian or sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very high. Available water to a depth of 60 inches is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 51 inches during April, May, June, July, August, September, October. Organic matter content in the surface horizon is about 1 percent. This component is in the R154XY002FL Longleaf Pine-Turkey Oak Hills ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 26 - Wabasso fine sand, bouldery subsurface

Component: Wabasso, non-hydric (70%)

The Wabasso, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during June, July, August, September. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Wabasso, hydric (15%)

The Wabasso, hydric component makes up 15 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during July, August. Organic matter content in the surface horizon is about 6 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 48 - Wabasso sand

Component: Wabasso, non-hydric (70%)

The Wabasso, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on flatwoods on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during July, August. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Wabasso, hydric (20%)

The Wabasso, hydric component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during June, July, August, September. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Map unit: 49 - Wauchula sand

Component: Wauchula, non-hydric (70%)

The Wauchula, non-hydric component makes up 70 percent of the map unit. Slopes are 0 to 2 percent. This component is on rises on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during July, August. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Component: Wauchula, hydric (20%)

The Wauchula, hydric component makes up 20 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces on coastal plains. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during June, July, August, September. Organic matter content in the surface horizon is about 2 percent. This component is in the R154XY003FL South Florida Flatwoods ecological site. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Reference

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database. Available online at <http://soildatamart.nrcs.usda.gov>. Accessed 4/28/2011..



## **Appendix F**

### **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 5, 2011

Ms. Marsha Connell  
Office of Greenways and Trail  
Florida Department of Environmental Protection  
3900 Commonwealth Blvd., MS 795  
Tallahassee, FL 32399-3000

RE: Land Management Plan for General James A. Fleet State Trail

Dear Ms. Connell:

Thank you for your inquiry regarding the surface water quality classifications on and near the General James A. Fleet State Trail in Sumter, Lake, and Polk Counties. The Trail crosses the Withlacoochee River in Lake County. The Withlacoochee River has been designated as Outstanding Florida Waters (rule 62-302.700(9)(i)41., Florida Administrative Code (FAC)). This is the only OFW that the Trail crosses. Any surface waters on the site are classified as Class III waters (rule 62-302.400(16)(b), 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,

Eric R. Shaw  
Environmental Manager  
Standards and Assessments Section

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## **Appendix G**

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

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

Lisa Galocy  
Florida Department of Environmental Protection  
Office of Greenways and Trails  
3900 Commonwealth Blvd.  
Tallahassee, FL 32399

April 19, 2010

Dear Ms. Galocy,

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

**Project:** General James A. Van Fleet State Trail  
**Date Received:** April 12, 2010  
**Location:** Sumter, Lake and Polk Counties

### 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 maps and element occurrence tables). 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 and State Listed Species

Our data indicate two federally listed species, Cooley's water willow (*Justicia cooley*) and Eastern indigo snake (*Drymarchon couperi*), and three state-listed species, terrestrial peperomia (*Peperomia humilis*), sand butterfly pea (*Centrosema arenicola*), and gopher tortoise (*Gopherus polyphemus*), are present on or near your site (see enclosed maps and element occurrence tables for details). This statement should not be interpreted as a legal determination of presence or absence of federally or state 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.*

### 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. These species should be taken into consideration in field surveys, land management, and impact avoidance and mitigation.



Florida Resources  
and Environmental  
Analysis Center

Institute of Science  
and Public Affairs

The Florida State University

*Tracking Florida's Biodiversity*

Appendix G

A portion of the property occurs within the Florida Natural Areas Inventory's (FNAI's) Rare Species Potential Habitat model for Cooley's water willow (*Justicia cooleyi*) and Sand butterfly pea (*Centrosema arenicola*). Cooley's water willow occurs primarily at the extreme northern portion of your property. Sand butterfly pea primary occurs where your property adjoins Green Swamp and the Southwest Florida Water Management District Green Swamp Conservation Easements. A large portion of the property occurs within the FNAI's Rare Species Potential Habitat model for Eastern indigo snake (*Drymarchon couperi*) and Florida sandhill crane (*Grus canadensis pratensis*). Eastern indigo snake primarily occurs from the northern part of the trail to just south of Green Pond Road in Polk County. Florida sandhill crane primarily occurs to the east of where your property adjoins Withlacoochee State Forest and the area south of Green Swamp to the southern extent of your property. Thus these species may utilize these sections of the trail.

*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.*

### **Managed Areas**

As you are aware, the site is the General James A. Van Fleet State Trail, managed by the Florida Department of Environmental Protection, Office of Greenways and Trails. Your property is adjacent to Green Swamp, Green Swamp Land Authority Land Protection Agreements, Southwest Florida Water Management District Green Swamp Conservation Easements, and Withlacoochee State Forest.

*The Managed Areas data layer shows public and privately managed conservation lands throughout the state. Federal, state, local, and privately managed conservation lands are included.*

### **Land Acquisition Projects**

This site appears to be located within the Green Swamp 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 should 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,

**Alicia C. Newberry**

Alicia C. Newberry  
GIS/Data Services Analyst

Encl

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

### Land Acquisition Projects

- Florida Forever
- Board of Trustees 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

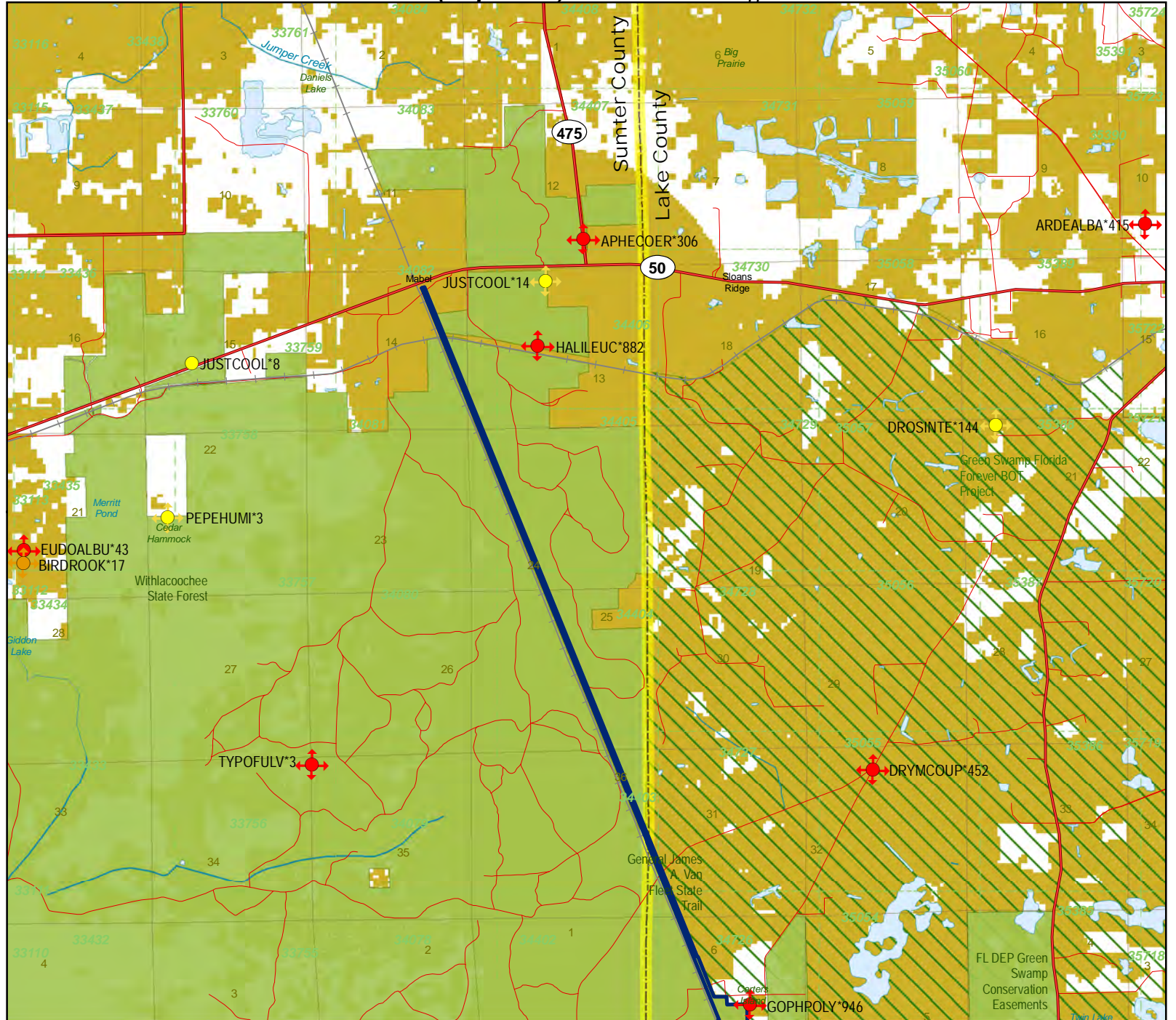


**NOTE**  
Map should not be interpreted without accompanying documents.

# General James A. Van Fleet State Trail (Map 1 of 5)

Site boundaries are approximate.

# Sumter and Lake Counties



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FLORIDA  
Natural Areas  
INVENTORY

## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 1 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
ARDEALBA*415	Ardea alba	Great Egret	G5	S4	N	N	1987-06-16	Freshwater marsh.	1987/06/16: D.E. Runde, GFC; Count of GREG nests from photo, CAEG count of individuals; Total = X (unknown)(implies count was made but total given as unknown ?NeSmith). Vacant 1989.
DROSINTE*144	Drosera intermedia	Spoon-leaved Sundew	G5	S3	N	LT	1990-04-12	N/A	1990-04-12: Specimen taken [ster] (Daubenmire, et al.).
DRYMCOUP*452	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1994-08-09	IN A GRAZED MESIC FLATWOODS LANDSCAPE.	ONE 4' LONG SNAKE CROSSING ROAD.
PEPEHUMI*3	Peperomia humilis	Terrestrial Peperomia	G5	S2	N	LE	1996-01-01	CEDAR HAMMOCK. WELL DEVELOPED HARDWOOD HAMMOCK, VERY MOIST SOILS	THIS SPECIMEN OCCURS ON ONLY THE SIDES OF ONLY A FEW LIVE OAKS IN THIS HAMMOCK
APHECOER*306	Aphelocoma coerulescens	Florida Scrub-jay	G2	S2	LT	LT	1981-06-14	1-2M SLASH PINES, ONE CLUMP OF SCRUB OAKS.	1981-06-14: 2 SCRUB JAYS. (HABITAT IS MUCH ALTERED IN 1996. I WOULD BE VERY SURPRISED TO STILL FIND ELEMENT AT THIS LOCATION (JDB))
JUSTCOOL*14	Justicia cooleyi	Cooley's Water-willow	G2	S2	LE	LE	1990-10-12	Hammock.	No EO data given
BIRDROOK*17	Bird Rookery		G5	SNR	N	N	1978-07	SWAMP HARDWOODS & SHRUBS IN PONDS; NESTING SUBSTRATE OF MAPLES, WILLOWS, & ELDERBERRIES OVER WATER.	CATTLE EGRET (600-700 PRS IN 4/78; 700 PRS IN 7/78); WHITE IBIS (150 PRS IN 7/78).
GOPHPOLY*946	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-08-26	2008-08-26: fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: ruderal area with woody encroachment that is Van Fleet State Trail towards mesic hammock on Green Swamp WMA (PNDDIA02FLUS). 1994-08-09: in a h	2008-08-26: burrow observed in fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: observed tortoise walking from Van Fleet Trail towards mesic hammock (PNDDIA02FLUS). 1994-08-09: three active burrows noted
EUDOALBU*43	Eudocimus albus	White Ibis	G5	S4	N	LS	1978-07	SWAMP HARDWOODS & SHRUBS IN PONDS; NESTING SUBSTRATE OF MAPLES, WILLOWS, & ELDERBERRIES OVER WATER.	150 NESTING PAIRS IN 7/78.



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INVENTORY

## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 1 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
JUSTCOOL*8	<i>Justicia cooleyi</i>	Cooley's Water-willow	G2	S2	LE	LE	1991-11-19	RICH, ROCKY WOODS (LIMESTONE OUTCROPPINGS) DOMINATED BY <i>CELTIS LAEVIGATA</i> , <i>QUERCUS VIRGINIANA</i> , <i>ULMUS AMERICANA</i> , <i>LIQUIDAMBAR STYRACIFLUA</i> , AND <i>QUERCUS LAURIFOLIA</i> . SHRUBS INCLUDE <i>ULMUS ALATA</i> , <i>ILEX VOMITORIA</i> , <i>CALLICAUPA AMERICANA</i> , <i>SOMBUCUS CANADENSIS</i> , AND <i>SAB</i>	HUNDREDS OF INDIVIDUALS SCATTERED WITH THE RICH, ROCKY WOODS. PLANTS IN FLOWER AND FRUIT. SEED SET GOOD.
HALILEUC*882	<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S3	N	N	1999	No general description given	Nest status 1999-2003: Active - 1999; Inactive - 2003, 2002, 2000; Unknown/not assessed - 2001; Status 1995-98: Continuously active. (U03FWC01FLUS). Previous data (note different format) Nest; Produced 1 young.
TYPOFULV*3	<i>Typocerus fulvocinctus</i>	Yellow-banded Typocerus Long-horned Beetle	G2	S2	N	N	1994-Pre	1994-Pre: occurs in pine flatwoods (B94DEY01FLUS).	1994-Pre: This species occurs in pine flatwoods (B94DEY01FLUS).



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## 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
- State Aquatic Preserves

### Land Acquisition Projects

Florida Forever Board of Trustees 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

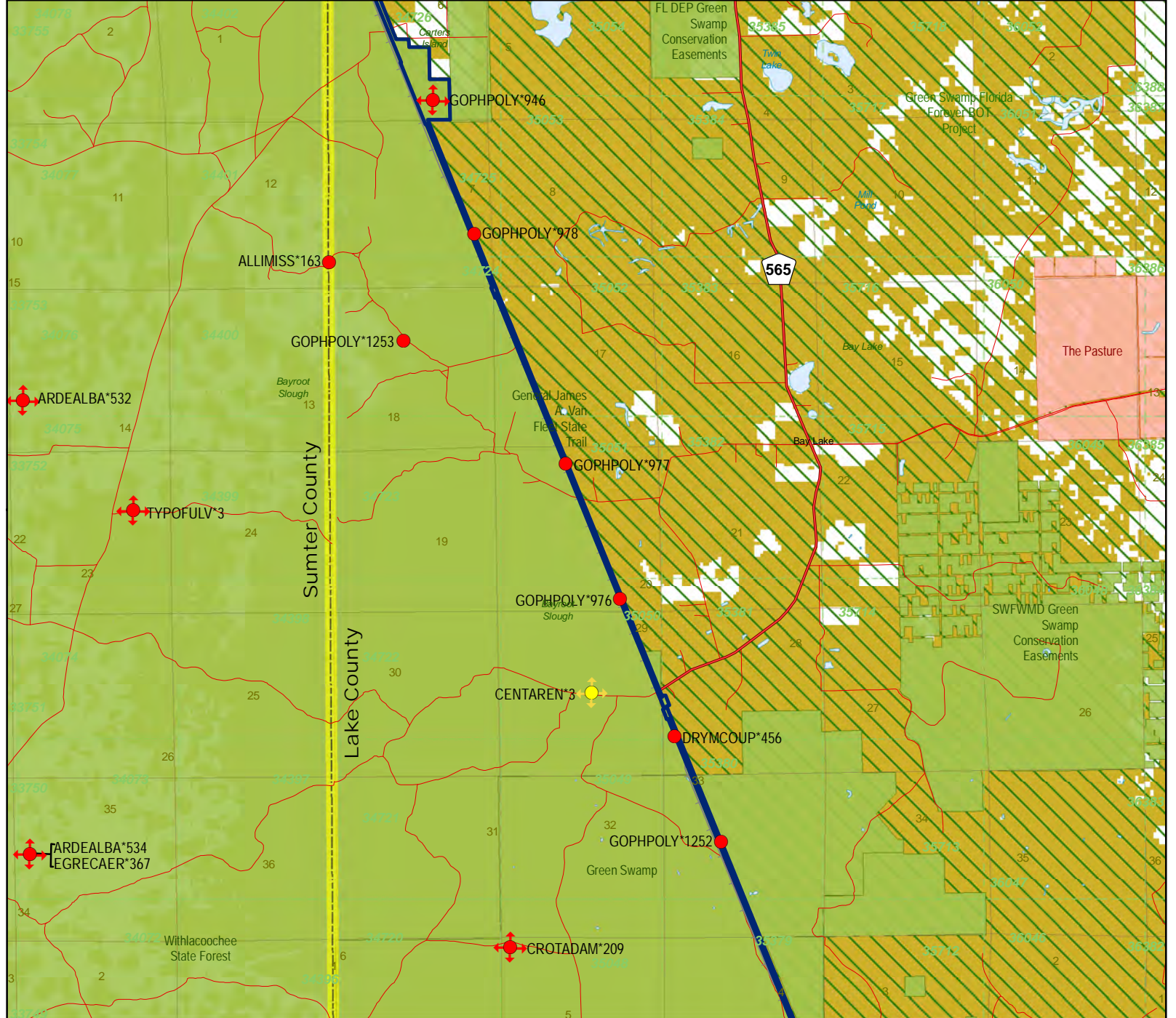


**NOTE**  
Map should not be interpreted without accompanying documents.

## General James A. Van Fleet State Trail (Map 2 of 5)

Site boundaries are approximate.

## Lake County



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 2 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
EGRECAER*367	Egretta caerulea	Little Blue Heron	G5	S4	N	LS	1989-04-24	Shrubs in pond	1989/04/24: D.E. Runde, GFC, observation. Helicopter flight; LBHE low on nest, immature LBHE roosting in colony "Total" = D (includes GREG, CAEG, LBHE, SMWHITE).
CENTAREN*3	Centrosema arenicola	Sand Butterfly Pea	G2Q	S2	N	LE	1981-08-30	No general description given	COLL. BY ROCHOW (S.N.) 31 AUG. 1981 (USF)
ARDEALBA*532	Ardea alba	Great Egret	G5	S4	N	N	1989-04-24	Cypress trees on edge of marshy lake.	1989/04/24: D.E. Runde, GFC; copter flight; birds low on nests, nest count. Total = 30.
ARDEALBA*534	Ardea alba	Great Egret	G5	S4	N	N	1989-04-24	Shrub swamp in cypress.	1989/04/24: D.E. Runde, GFC; copter flight; LBHE low on nest, immature LBHE roosting in colony Total = D (includes GREG, CAEG, LBHE, SMWHITE).
CROTADAM*209	Crotalus adamanteus	Eastern Diamondback Rattlesnake	G4	S3	N	N	1995-Pre	No general description given	1995-Pre: snake observed by Paul Elliot (SWFWMD) (M95MAR01).
GOPHPOLY*946	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-08-26	2008-08-26: fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: ruderal area with woody encroachment that is Van Fleet State Trail towards mesic hammock on Green Swamp WMA (PNDDIA02FLUS). 1994-08-09: in a h	2008-08-26: burrow observed in fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: observed tortoise walking from Van Fleet Trail towards mesic hammock (PNDDIA02FLUS). 1994-08-09: three active burrows noted
DRYMCOUP*456	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1994-08-09	ALONG AN ABANDONED RAILROAD RIGHT-OF-WAY IN A LANDSCAPE OF MESIC FLATWOODS AND DOME SWAMPS.	ONE SNAKE SEEN CROSSING RIGHT-OF-WAY.
GOPHPOLY*977	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-08-26	2008-08-26: along Van Fleet State Trail (PNDELA01FLUS). 1994-08-09: one live tortoise seen along an abandoned railroad ROW (PNDREE04FLUS).	2008-08-26: Observed one female tortoise commuting (PNDELA01FLUS). 1994-08-09: one tortoise seen commuting (PNDREE04FLUS).



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 2 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
GOPHPOLY*976	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-31	2008-07-31: ruderal area along Van Fleet State Trail; linear habitat (bordered by ditches/canals) with exotic plant species and encroaching woodies (PNDDIA02FLUS). 2008-07-29: sand spoil pile, moderately disturbed wet flatwoods; fire suppr	2008-07-31: one adult tortoise (PNDDIA02FLUS). 2008-07-29: single burrow (PNDDIA02FLUS). 1994-08-09: 1 tortoise seen (PNDREE04FLUS).
GOPHPOLY*978	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	1994-08-09	FORMER RAILROAD RIGHT-OF-WAY THROUGH MESIC FLATWOODS AND DOME SWAMPS.	ONE ACTIVE BURROW SEEN.
TYPOFULV*3	Typocerus fulvocinctus	Yellow-banded Typocerus Long-horned Beetle	G2	S2	N	N	1994-Pre	1994-Pre: occurs in pine flatwoods (B94DEY01FLUS).	1994-Pre: This species occurs in pine flatwoods (B94DEY01FLUS).
ALLMISS*163	Alligator mississippiensis	American Alligator	G5	S4	SAT	LS	2008-07-24	2008-07-24: ruderal; pool of muddy water under utility transmission lines, adjacent to sand road/service corridor (PNDDIA02FLUS).	2008-07-24: Single juvenile gator, approximately 1.25m long. Loafing, then submerged in pool of muddy water under utility transmission lines (PNDDIA02FLUS).
GOPHPOLY*1252	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-29	2008-07-29: moderately disturbed ruderal area; limited foraging access with ditches on either side of paved Van Fleet State Trail (PNDDIA02FLUS).	2008-07-29: one burrow located along Van Fleet State Trail; limited foraging access with ditches on either side of Van Fleet State Trail (PNDDIA02FLUS).
GOPHPOLY*1253	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-24	2008-07-24: mesic flatwoods, heavily disturbed by forestry operations, clearcutting (PNDDIA02FLUS).	2008-07-24: observed one inactive tortoise burrow in mesic flatwoods (PNDDIA02FLUS).

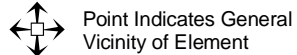


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## FLORIDA Natural Areas INVENTORY

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- Animals
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- Other
- Data Sensitive



- U.S. Fish & Wildlife Service Scrub Jay Survey 1992-96

### Conservation Lands

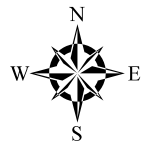
- Federal
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### Land Acquisition Projects

- Florida Forever Board of Trustees Projects

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

- County Boundary
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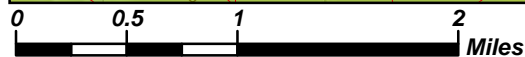
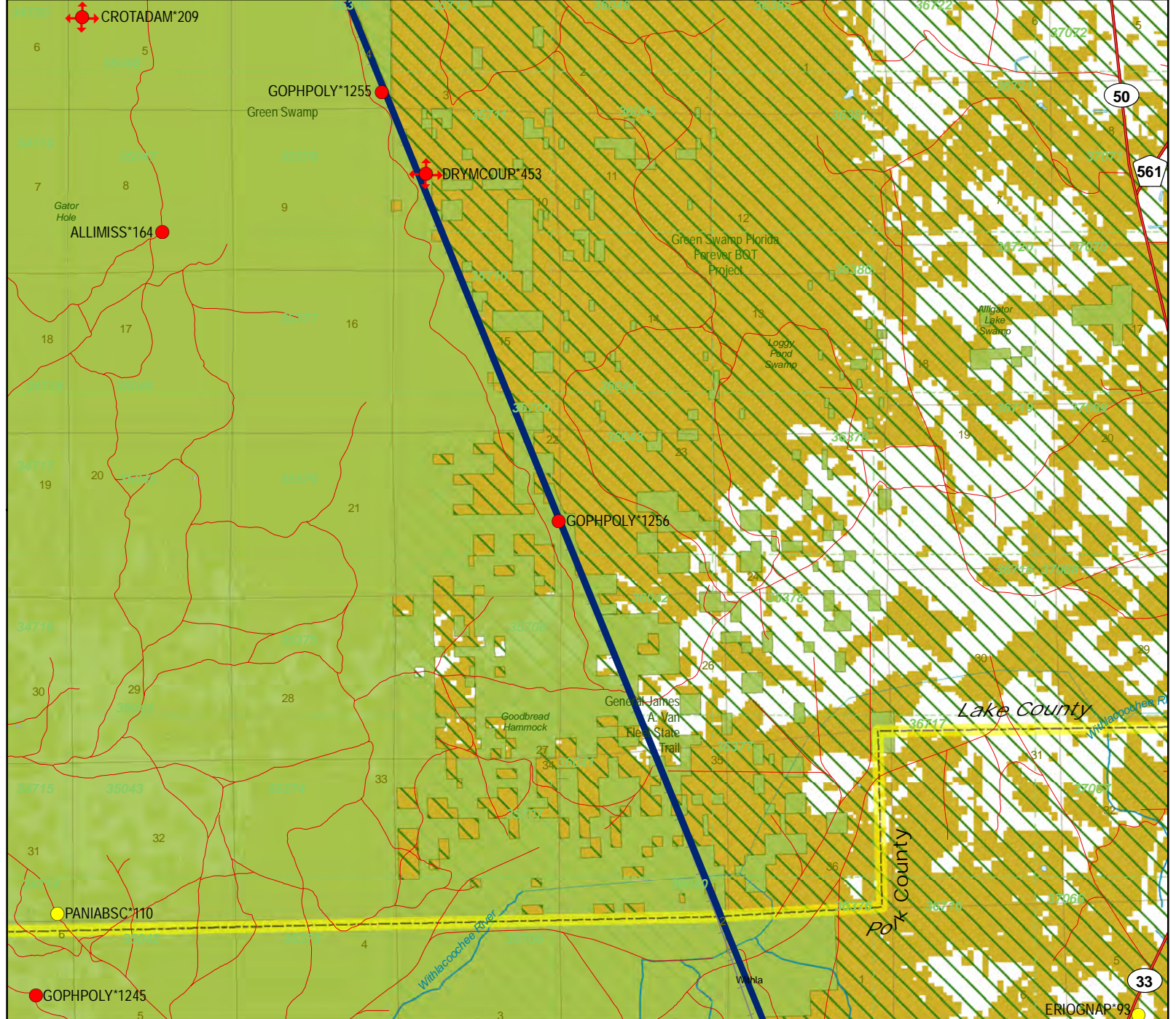


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# General James A. Van Fleet State Trail (Map 3 of 5)

Site boundaries are approximate.

# Lake County



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 3 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
ERIOGNAP*93	Eriogonum longifolium var. gnaphalifolium	Scrub Buckwheat	G4T3	S3	LT	LE	1998-05-16	Highway right-of-way with bahia grass and Berlandiera subacaulis.	Approx. 75 plants, flowering, scattered along a one-half mile stretch of road right-of-way.
CROTADAM*209	Crotalus adamanteus	Eastern Diamondback Rattlesnake	G4	S3	N	N	1995-Pre	No general description given	1995-Pre: snake observed by Paul Elliot (SWFWMD) (M95MAR01).
DRYMCoup*453	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1994-08-09	A GRAZED MESIC FLATWOODS AND DOME SWAMP LANDSCAPE WITH AN ABANDONED RAILROAD GRADE WITH PERIMETER DITCHES CROSSING IT.	ONE SNAKE SEEN CROSSING RIGHT-OF-WAY.
PANIABSC*110	Panicum abscissum	Cutthroat Grass	G3	S3	N	LE	2008-06-27	2008-06-27: Fire suppressed wet flatwoods adjacent to road (PNDHEA02FLUS).	2008-06-27: 1-10 vegetative plants covering less than one square meter of woody-encroached wet flatwoods (PNDHEA02FLUS).
GOPHPOLY*1245	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-03	2008-07-03: Mesic flatwoods, moderately disturbed by fire suppression and woody encroachment. Recent but incomplete burn (PNDHEA02FLUS).	2008-07-03: Active tortoise burrow in mesic flatwoods (PNDHEA02FLUS).
ALLIMISS*164	Alligator mississippiensis	American Alligator	G5	S4	SAT	LS	2008-07-17	2008-07-17: ruderal edge to basin swamp; shallow water in ditch alongside gravel road (PNDDIA02FLUS).	2008-07-17: Single juvenile gator, 1m long; loafing in shallow water of ditch alongside gravel road (PNDDIA02FLUS).
GOPHPOLY*1255	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-29	2008-07-29: two sightings made on Van Fleet State Trail, a moderately disturbed ruderal area bordered on either side by ditches/canals and, to the west, by Green Swamp WMA. At northern point one adult tortoise was loafing at burrow entrance. At souther	2008-07-29: two live tortoise sightings on General James A. Van Fleet State Trail, along western boundary of Green Swamp WMA (PNDDIA02FLUS).
GOPHPOLY*1256	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-31	2008-07-31: linear habitat; moderately disturbed ruderal area bordered by ditch/canal (PNDDIA02FLUS).	2008-07-31: observed single tortoise enter its burrow along General James A. Van Fleet State Trail (PNDDIA02FLUS).

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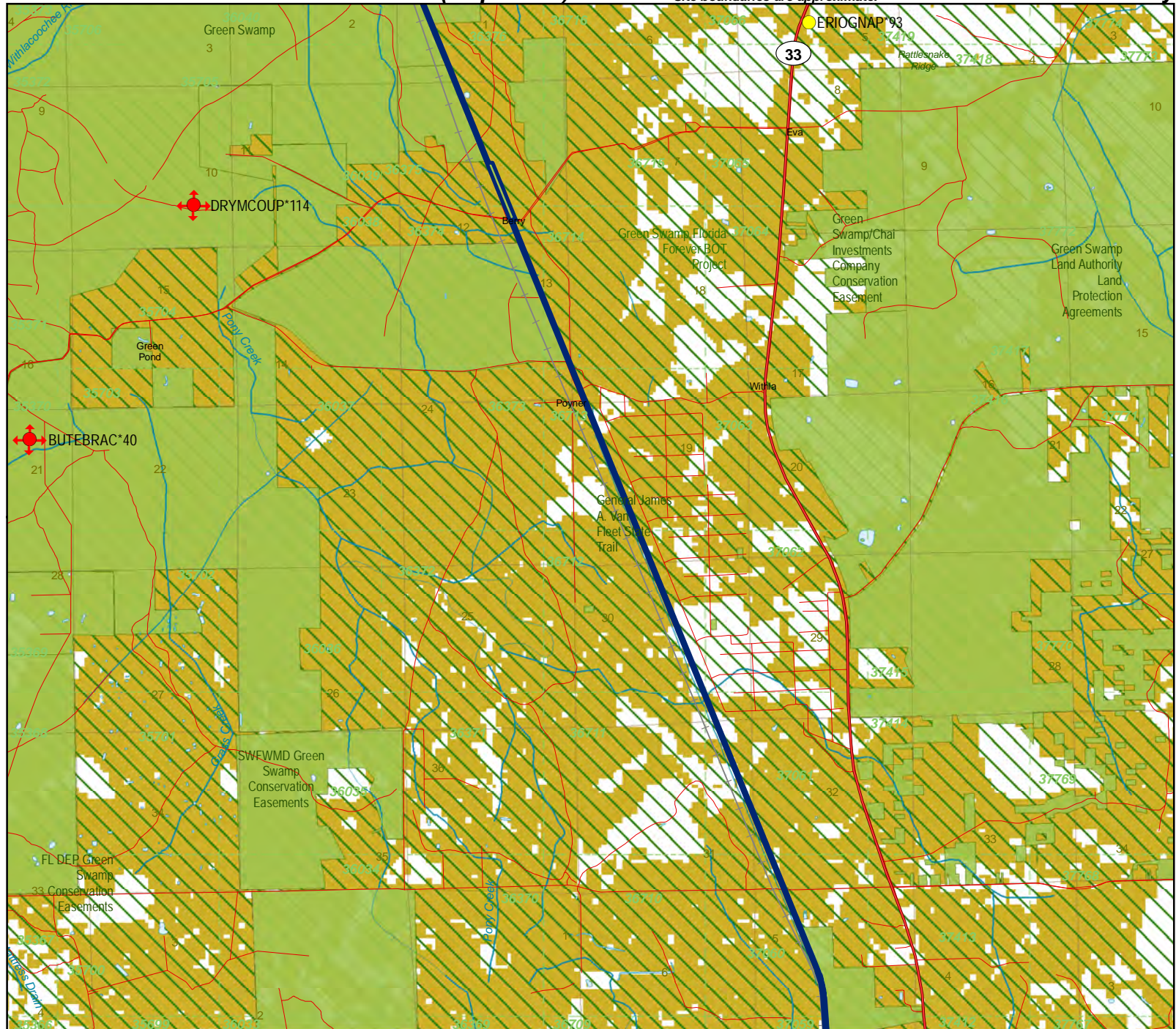


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**General James A. Van Fleet State Trail (Map 4 of 5)**

Site boundaries are approximate.

**Polk County**



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 4 of 5)



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ERIOGNAP*93	Eriogonum longifolium var. gnaphalifolium	Scrub Buckwheat	G4T3	S3	LT	LE	1998-05-16	Highway right-of-way with bahia grass and Berlandiera subacaulis.	Approx. 75 plants, flowering, scattered along a one-half mile stretch of road right-of-way.	
BUTEBRAC*40	Buteo brachyurus	Short-tailed Hawk	G4G5	S1	N	N	1986-06-01	Strand Swamp; Mesic Flatwoods.	1986-06-01: B. Cooper, NAS, observed 1 hawk roosting.	
DRYMCOU*114	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1982-Pre	No general description given	CA. 1978-1980: DENNIS DAVID OBSERVED INDIGO SNAKE HERE (P. MOLER INTERVIEW OF 22 OCT 1981: U82MOL01FLUS).	

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U.S. Fish & Wildlife Service  
Scrub Jay Survey 1992-96

**Conservation Lands**

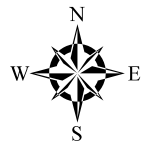
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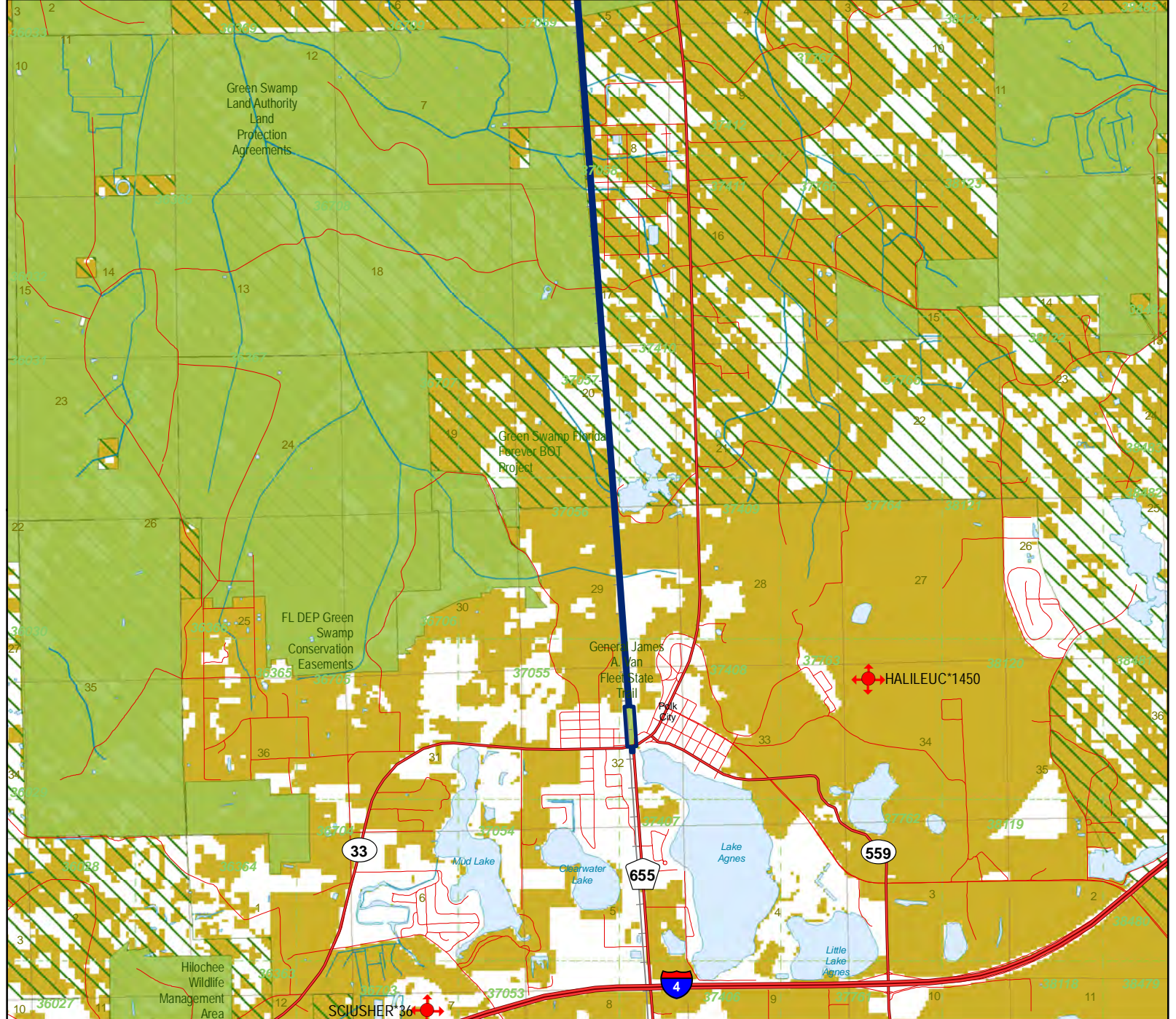


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**General James A. Van Fleet State Trail (Map 5 of 5)**

Site boundaries are approximate.

**Polk County**



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## Florida Natural Areas Inventory

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Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
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SCIUSHER*36	Sciurus niger shermani	Sherman's Fox Squirrel	G5T3	S3	N	LS	1988-05-18	OPEN-CANOPY BAYHEAD WITH PINE FRINGES, SURROUNDED BY IMPROVED PASTURE WITH SCATTERED OAKS.	1988-05: WINCHESTER OBSERVED 3 INDIVIDUALS IN PASTURE WITH SCATTERED OAKS ADJACENT TO BAYHEAD.
HALILEUC*1450	Haliaeetus leucocephalus	Bald Eagle	G5	S3	N	N	2003	2005-07-12: Source does not provide a description.	Nest status: Active, 2003, 2002, 2001, 2000, 1999;(U03FWC01FLUS)

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## GLOBAL AND STATE RANKS

Florida Natural Areas Inventory (FNAI) defines an **element** as any rare or exemplary component of the natural environment, such as a species, natural community, bird rookery, spring, sinkhole, cave, or other ecological feature. FNAI assigns two ranks to each element found in Florida: the **global rank**, which is based on an element's worldwide status, and the **state rank**, which is based on the status of the element within Florida. Element ranks are based on many factors, including estimated number of occurrences, estimated abundance (for species and populations) or area (for natural communities), estimated number of adequately protected occurrences, range, threats, and ecological fragility.

## GLOBAL RANK DEFINITIONS

- 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.
- 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.
- GH** Of historical occurrence throughout its range, may be rediscovered (e.g., ivory-billed woodpecker)
- GNA** Ranking is not applicable because element is not a suitable target for conservation (e.g. as for hybrid species)
- GNR** Not yet ranked (temporary)
- GNRTNR** Neither the full species nor the taxonomic subgroup has yet been ranked (temporary)
- GX** Believed to be extinct throughout range
- GXC** Extirpated from the wild but still known from captivity/cultivation
- GU** Unrankable. Due to lack of information, no rank or range can be assigned (e.g., GUT2).

## STATE RANK DEFINITIONS

Definition parallels global element rank: substitute "S" for "G" in above global ranks, and "in Florida" for "globally" in above global rank definitions.

**FEDERAL AND STATE LEGAL STATUSES (U.S. Fish and Wildlife Service – USFWS)  
PROVIDED BY FNAI FOR INFORMATION ONLY.**

For official definitions and lists of protected species, consult the relevant state or federal agency.

**FEDERAL LEGAL STATUS**

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.

- LE** Listed as Endangered Species in the List of Endangered and Threatened Wildlife and Plants under the provisions of the Endangered Species Act. Defined as any species which is in danger of extinction throughout all or a significant portion of its range.
- LE,XN** A non essential experimental population of a species otherwise Listed as an Endangered Species in the List of Endangered and Threatened Wildlife and Plants. LE,XN for *Grus americana* (Whooping crane), Federally listed as XN (Non essential experimental population) refers to the Florida experimental population only. Federal listing elsewhere for *Grus americana* is LE.
- PE** Proposed for addition to the List of Endangered and Threatened Wildlife and Plants as Endangered Species.
- LT** Listed as Threatened Species, defined as any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
- LT,PDL** Species currently listed Threatened but has been proposed for delisting.
- PT** Proposed for listing as Threatened Species.
- C** Candidate Species for addition to the list of Endangered and Threatened Wildlife and Plants, Category 1. Federal listing agencies have sufficient information on biological vulnerability and threats to support proposing to list the species as Endangered or Threatened.
- SAT** Threatened due to similarity of appearance to a threatened species.
- SC** Species of Concern, species is not currently listed but is of management concern to USFWS.
- N** Not currently listed, nor currently being considered for addition to the List of Endangered and Threatened Wildlife and Plants.

**FLORIDA LEGAL STATUSES (Florida Fish and Wildlife Conservation Commission – FFWCC/  
Florida Department of Agriculture and Consumer Services – FDACS)**

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

- LE** Listed as Endangered Species by the FFWCC. Defined as a species, subspecies, or isolated population which is so rare or depleted in number or so restricted in range of habitat due to any man-made or natural factors that it is in immediate danger of extinction or extirpation from the state, or which may attain such a status within the immediate future.
- LT** Listed as Threatened Species 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.
- LT\*** Indicates that a species has LT status only in selected portions of its range in Florida. LT\* for *Ursus americanus floridanus* (Florida black bear) indicates that LT status does not apply in Baker and Columbia counties and in the Apalachicola National Forest. LT\* for *Neovison vison* pop. 1 (Southern mink, South Florida population) state listed as Threatened refers to the Everglades population only (Note: species formerly listed as *Mustela vison* mink pop. 1. Also, priorly listed as *Mustela evergladensis*).
- LS** 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.

**LS\*** Indicates that a species has LS status only in selected portions of its range in Florida. LS\* for *Pandion haliaetus* (Osprey) state listed as LS (Species of Special Concern) in Monroe County only.

**PE** Proposed for listing as Endangered.

**PT** Proposed for listing as Threatened.

**PS** Proposed for listing as a Species of Special Concern.

**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 please visit: <http://DOACS.State.FL.US/PI/Images/Rule05b.pdf>

**LE** Listed as Endangered Plants in the Preservation of Native Flora of Florida Act. Defined as species of plants native to the state 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, and includes all species determined to be endangered or threatened pursuant to the Federal Endangered Species Act of 1973, as amended.

**PE** Proposed by the FDACS for listing as Endangered Plants.

**LT** Listed as Threatened Plants in the Preservation of Native Flora of Florida Act. Defined as 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 such number as to cause them to be endangered. LT\* indicates that a species has LT status only in selected portions of its range in Florida.

**PT** Proposed by the FDACS for listing as Threatened Plants.

**N** Not currently listed, nor currently being considered for listing.



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**Natural Areas**  
INVENTORY

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# Green Swamp

Lake and Polk Counties

# Group A Full Fee / Less-Than-Fee

### Purpose for State Acquisition

The mosaic of cypress swamps, pine forests, and pastures known as the Green Swamp is a vital part of the water supply of central Florida. This project gives rise to four major river systems, has the highest groundwater elevation in the peninsula, and is important for maintaining the flow of water from the Floridan Aquifer. By preserving the mosaic of land use in this region, the Green Swamp Florida Forever project will protect the Floridan Aquifer and the several rivers; preserve a large area for wildlife; and provide areas for public recreation in the rapidly growing region between Tampa and Orlando. This project may also help complete the Florida National Scenic Trail, a statewide non-motorized trail that crosses a number of Florida Forever project sites.

### Managers

The Fish and Wildlife Conservation Commission (FWC) is recommended as the manager for most of the project area. The Department of Environmental Protection's Division of Recreation and Parks (DRP) will manage the Overstreet Ranch and the area adjacent to Lake Louisa State Park, with Sections 3, 4, and 5, T24S, R26E being the southern extent of its management.

### General Description

The project is a critical hydrological resource: it en-

compasses the headwaters of four major rivers; the Withlacoochee, Oklawaha, Hillsborough, and Peace; and has the highest ground water elevation in the Peninsula. It is therefore considered critical to the recharge of the Floridan Aquifer. For this reason, it has been designated an Area of Critical State Concern. The area is a complex mosaic of disturbed uplands and wetlands intermixed with higher quality swamps. It is estimated that 90% of the native upland vegetation in the project has been disturbed by agriculture and development, but the project does contain some uplands with natural communities such as flatwoods and sandhills. The project has a moderate potential for archaeological or historical sites. The wetlands are threatened by sand mining and the uplands are threatened by residential, commercial and high-intensity recreational development.

### Public Use

The project will become a wildlife management area and a state park, providing for such activities as hunting, hiking and nature appreciation. The less than fee parcel qualifies as a wildlife management area. The amount and nature of public use will be negotiated with the landowners.

### Acquisition Planning

On December 10, 1992, the Land Acquisition Advisory Council (LAAC) added the Green Swamp project to the CARL Priority list. This fee-simple & less-than-fee acquisition, sponsored by the Department of Environmental Regulations, consisted of approximately 230,000 acres, divided into Phase I (126,800 acres) and II (103,200 acres), multiple owners, and a 1991 taxable

Green Swamp FNAI Elements	
Eastern Indigo Snake	G3/S3
Gopher Tortoise	G3/S3
Florida Mouse	G3/S3
Swallow-tailed Kite	G5/S2
Arogos Skipper	G3T1T2/S1S2
Celestial Lily	G2/S2
Giant Orchid	G2G3/S2
Florida Sandhill Crane	G5T2T3/S2S3
Short-tailed Hawk	G4G5/S1
Peninsular Floater	G3/S2S3
Scrub Plum	G3/S3
Florida Bonamia	G3/S3
34 rare species are associated with the project	

<b>Placed on List</b>	<b>1992</b>
<b>Project Area (Acres)</b>	<b>233,598*</b>
<b>Acres Acquired</b>	<b>69,447**</b>
<b>at a Cost of</b>	<b>\$115,321,102**</b>
<b>Acres Remaining</b>	<b>164,151</b>
<b>with Estimated (Tax Assessed) Value of \$194,407,313</b>	

\*Previously only Phase 1 reported

\*\*includes acreage acquired & funds expended by the Southwest Florida and St. Johns River Water Management Districts

## Green Swamp - Group A / Full Fee / Less-Than-Fee

value of \$272,628,200. Two non-contiguous Phase I areas have been identified based on relative intactness of their natural communities. In general, priority areas are the relatively large contiguous parcels and strategic smaller parcels. In Lake County, the northern half of the western Phase I area extends south to the county line, less the subdivisions. Specifically in the Lake Louisa area, the Bradshaw ownership (acquired) is the most important tract.

The Black Bear Land Company, Ray, and Oswalt ownerships have also been acquired. Other large ownerships have been mapped and appraised.

On October 30, 1996, the LAAC approved a fee-simple, 3,598-acre addition to the project boundary. The addition was distributed as follows: Phase I, 890 acres with a taxable value of \$995,830 and Phase II, 2,708 acres with a taxable value of \$3,030,000. The addition was sponsored by the DEP, consisted of multiple owners, and a total taxable value of \$4,025,830. LAAC also moved 19,000 acres from Phase II to Phase I and approved the deletion of the priority areas designation within Phase I.

On December 15, 1996, the Overstreet (acquired in 2006) and portions of the Jahna (acquired in a conservation easement) ownerships (11,383 acres) were transferred to the CARL Less-Than-Fee category.

On April 6, 2001, the Acquisition & Restoration Council (ARC) established a Florida Forever (FF) priority list consisting of Groups A & B. The Green Swamp Less-Than-Fee acreage went to Group A and the Full-Fee acreage went to Group B.

On June 6, 2002, the ARC approved combining the Green Swamp full-fee and less-than-fee categories into one Group A Less-Than-Fee category. Parcels can still be acquired in full-fee if appropriate.

### Coordination

The Green Swamp Land Authority has acquired 17,948 acres within the project boundary and expended \$13,848,442. The SWFWMD has acquired considerable acreage adjacent to and partly within the overall project boundary. Section 51, ch. 99-2478, provided for the deletion of the provision setting out the membership of the Green Swamp Land Authority and that “[henceforth, the Green Swamp Land Authority shall mean the Department of Environmental Protection for purposes of [Section 380.0677, F.S.,] and statutes related thereto.”

### Management Policy Statement

The primary goals of management of the Green Swamp Florida Forever project are: to conserve and protect lands within areas of critical state concern; to conserve and protect significant habitat for native species or endangered and threatened species; to conserve, protect, manage, or restore important ecosystems, landscapes, and forests, in order to enhance or protect significant surface water, coastal, recreational, timber, fish or wildlife resources which local or state regulatory programs cannot adequately protect; and to provide areas, including recreational trails, for natural-resource-based recreation.

### Management Prospectus

**Qualifications for state designation** The Green Swamp Florida Forever project has the size and wildlife resources to qualify as a wildlife management area.

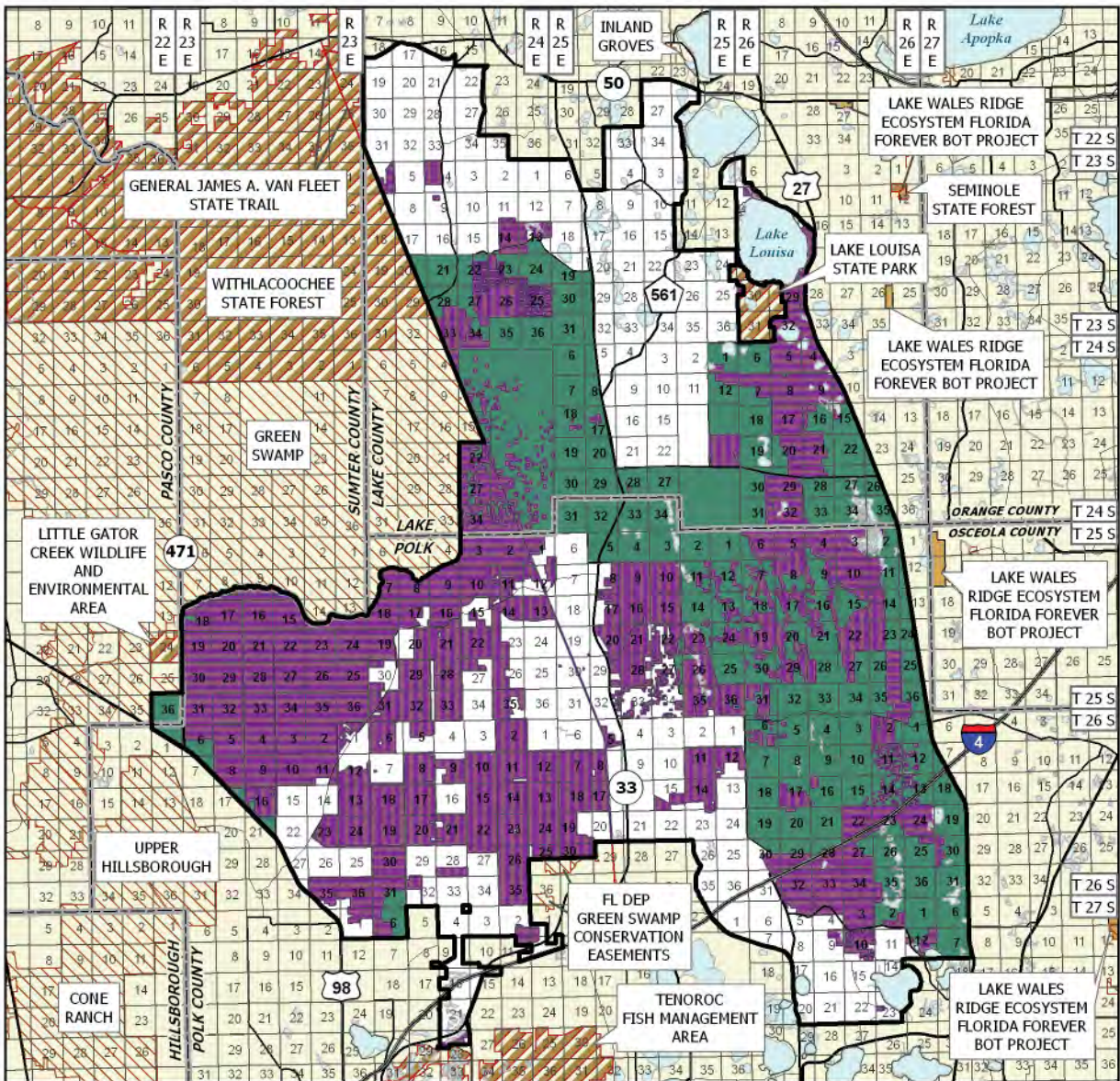
**Manager** DEP has been recommended as manager.

**Conditions affecting intensity of management** The primary management tools in the area to be managed by FWC involve prescribed introduction of fire and control of human access. Some pine forests will require restoration. The portion of the project adjacent to Lake Louisa, to be managed by DRP, is a high-need management area with emphasis on public recreational use and development and major resource restoration. The majority of the properties in this area are or were citrus groves. The portion of the project known as the Overstreet Ranch to be managed by DRP is within the Department of Transportation’s Hillsborough Watershed mitigation/restoration area. The southwest portion has been identified for potential mitigation.

### Timetable for implementing management and provisions for security and protection of infrastructure

Within the first year after acquisition, FWC’s management activities will concentrate on site security, natural and cultural resource protection, and the development of a plan for long-term public use and resource management that is consistent with the goals and objectives stated for this project. Long-term management will include restoration of natural pine forests. Growing-season fire will be important in this restoration. FWC will emphasize the provision of old-growth forest, but for game species will also provide areas of successional vegetation in pine areas adjacent to wetlands. FWC also plans to provide high-quality habitat and protection for listed wildlife species. FWC will keep public facilities to a minimum, hiking and horseback trail in upland areas, and perhaps interpretive centers and wildlife observation towers in selected areas.

# Green Swamp - Group A / Full Fee / Less-Than-Fee



## GREEN SWAMP

### LAKE AND POLK COUNTIES

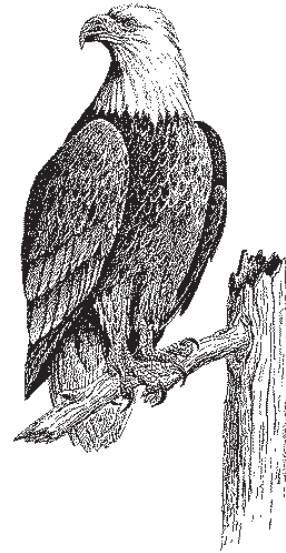
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Acquired for Conservation (Less-Than-Fee)
-  Essential Parcel(s) Remaining
-  Other Florida Forever BOT Projects
-  State Owned Lands
-  Other Conservation Lands



SEPTEMBER 2009

## Green Swamp - Group A / Full Fee / Less-Than-Fee

**Revenue-generating potential** FWC expects no significant revenue from this project initially, but will continue to offer hunting opportunities. For the area next to Lake Louisa State Park, DRP also expects no significant revenue to be generated initially. After acquisition, it will probably be several years before any significant public use facilities are developed in the Lake Louisa area, and the amount of any revenue generated will depend on the nature and extent of public use and facilities.



### Management Cost Summary/FWC

Category	1996/97	1997/98	1998/99
Source of Funds	CARL	CARL	CARL
Salary	\$18,290	\$43,100	\$77,650
OPS	\$0	\$0	\$1,000
Expense	\$43,280	\$37,900	\$30,000
OCO	\$0	\$28,500	\$29,200
FCO	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$61,570</b>	<b>\$109,500</b>	<b>\$137,850</b>

### Management Cost Summary/DRP

Category	1996/97	1997/98	1998/99
Source of Funds	SPTF/CARL	SPTF/CARL	SPTF/CARL
Salary	\$103,834	\$106,949	\$110,157
OPS	\$12,254	\$12,000	\$12,000
Expense	\$19,268	\$22,000	\$22,000
OCO	\$29,807	\$0	\$0
FCO	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$135,356</b>	<b>\$140,949</b>	<b>\$144,157</b>

## **Appendix H**

### **Florida Fish and Wildlife Conservation Commission Report (FFWCC)**

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Lisa Galocy  
Florida Department of Environmental Protection  
Office of Greenways and Trails  
3900 Commonwealth Blvd.  
Tallahassee, FL 32399

April 19, 2010

Dear Ms. Galocy,

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

**Project:** General James A. Van Fleet State Trail  
**Date Received:** April 12, 2010  
**Location:** Sumter, Lake and Polk Counties

### 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 maps and element occurrence tables). 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 and State Listed Species

Our data indicate two federally listed species, Cooley's water willow (*Justicia cooleyi*) and Eastern indigo snake (*Drymarchon couperi*), and three state-listed species, terrestrial peperomia (*Peperomia humilis*), sand butterfly pea (*Centrosema arenicola*), and gopher tortoise (*Gopherus polyphemus*), are present on or near your site (see enclosed maps and element occurrence tables for details). This statement should not be interpreted as a legal determination of presence or absence of federally or state 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.*

### 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. These species should be taken into consideration in field surveys, land management, and impact avoidance and mitigation.



Florida Resources  
and Environmental  
Analysis Center

Institute of Science  
and Public Affairs

The Florida State University

*Tracking Florida's Biodiversity*

Appendix G

A portion of the property occurs within the Florida Natural Areas Inventory's (FNAI's) Rare Species Potential Habitat model for Cooley's water willow (*Justicia cooleyi*) and Sand butterfly pea (*Centrosema arenicola*). Cooley's water willow occurs primarily at the extreme northern portion of your property. Sand butterfly pea primary occurs where your property adjoins Green Swamp and the Southwest Florida Water Management District Green Swamp Conservation Easements. A large portion of the property occurs within the FNAI's Rare Species Potential Habitat model for Eastern indigo snake (*Drymarchon couperi*) and Florida sandhill crane (*Grus canadensis pratensis*). Eastern indigo snake primarily occurs from the northern part of the trail to just south of Green Pond Road in Polk County. Florida sandhill crane primarily occurs to the east of where your property adjoins Withlacoochee State Forest and the area south of Green Swamp to the southern extent of your property. Thus these species may utilize these sections of the trail.

*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.*

### **Managed Areas**

As you are aware, the site is the General James A. Van Fleet State Trail, managed by the Florida Department of Environmental Protection, Office of Greenways and Trails. Your property is adjacent to Green Swamp, Green Swamp Land Authority Land Protection Agreements, Southwest Florida Water Management District Green Swamp Conservation Easements, and Withlacoochee State Forest.

*The Managed Areas data layer shows public and privately managed conservation lands throughout the state. Federal, state, local, and privately managed conservation lands are included.*

### **Land Acquisition Projects**

This site appears to be located within the Green Swamp 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 should 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,

**Alicia C. Newberry**

Alicia C. Newberry  
GIS/Data Services Analyst

Encl

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## 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
- State Aquatic Preserves

### Land Acquisition Projects

- Florida Forever
- Board of Trustees 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

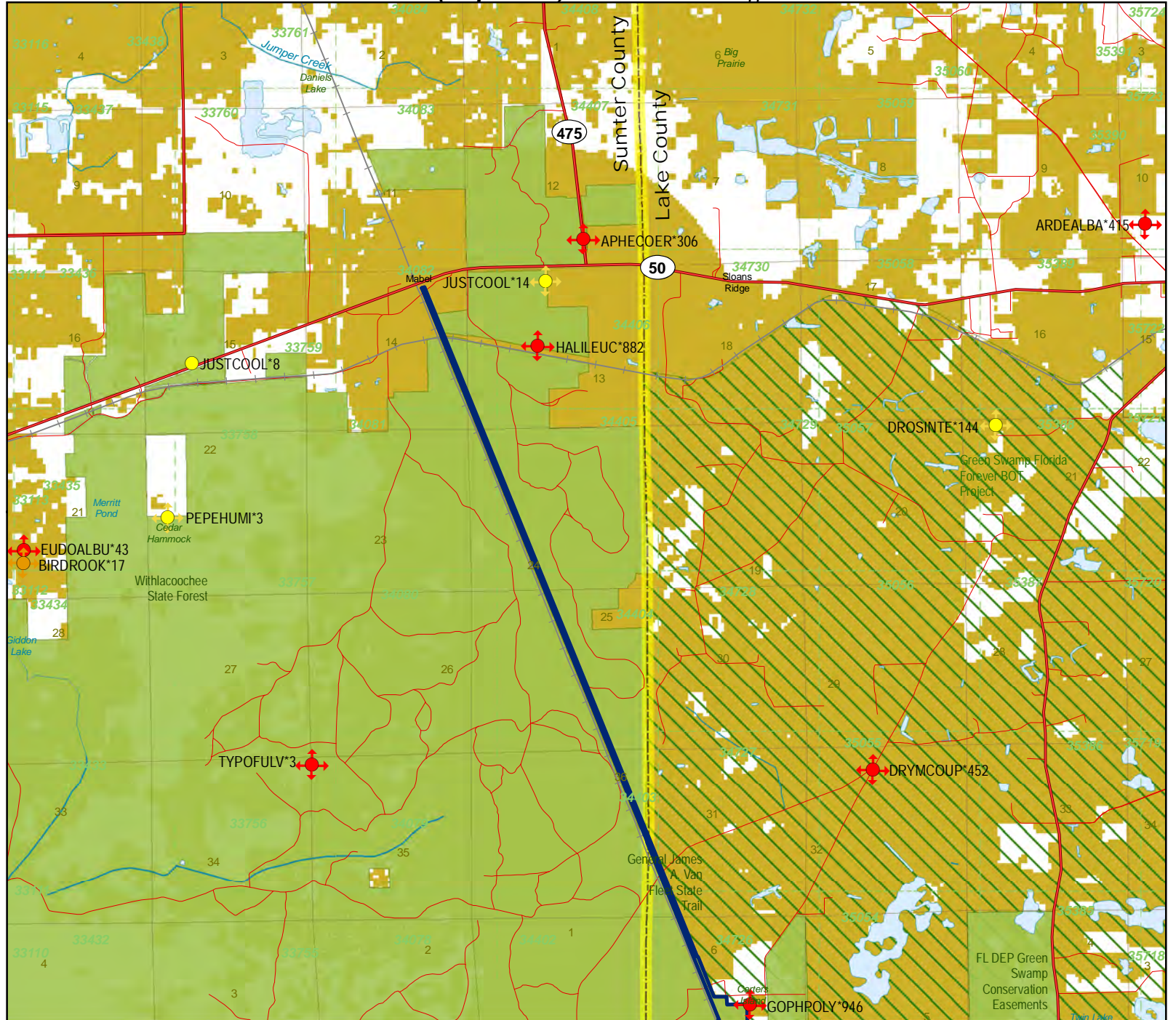


**NOTE**  
Map should not be interpreted without accompanying documents.

# General James A. Van Fleet State Trail (Map 1 of 5)

Site boundaries are approximate.

# Sumter and Lake Counties



0 0.5 1 2 Miles

Map produced by ACN  
Map Date: 14 APR 2010

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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 1 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
ARDEALBA*415	Ardea alba	Great Egret	G5	S4	N	N	1987-06-16	Freshwater marsh.	1987/06/16: D.E. Runde, GFC; Count of GREG nests from photo, CAEG count of individuals; Total = X (unknown)(implies count was made but total given as unknown ?NeSmith). Vacant 1989.
DROSINTE*144	Drosera intermedia	Spoon-leaved Sundew	G5	S3	N	LT	1990-04-12	N/A	1990-04-12: Specimen taken [ster] (Daubenmire, et al.).
DRYMCOUP*452	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1994-08-09	IN A GRAZED MESIC FLATWOODS LANDSCAPE.	ONE 4' LONG SNAKE CROSSING ROAD.
PEPEHUMI*3	Peperomia humilis	Terrestrial Peperomia	G5	S2	N	LE	1996-01-01	CEDAR HAMMOCK. WELL DEVELOPED HARDWOOD HAMMOCK, VERY MOIST SOILS	THIS SPECIMEN OCCURS ON ONLY THE SIDES OF ONLY A FEW LIVE OAKS IN THIS HAMMOCK
APHECOER*306	Aphelocoma coerulescens	Florida Scrub-jay	G2	S2	LT	LT	1981-06-14	1-2M SLASH PINES, ONE CLUMP OF SCRUB OAKS.	1981-06-14: 2 SCRUB JAYS. (HABITAT IS MUCH ALTERED IN 1996. I WOULD BE VERY SURPRISED TO STILL FIND ELEMENT AT THIS LOCATION (JDB))
JUSTCOOL*14	Justicia cooleyi	Cooley's Water-willow	G2	S2	LE	LE	1990-10-12	Hammock.	No EO data given
BIRDROOK*17	Bird Rookery		G5	SNR	N	N	1978-07	SWAMP HARDWOODS & SHRUBS IN PONDS; NESTING SUBSTRATE OF MAPLES, WILLOWS, & ELDERBERRIES OVER WATER.	CATTLE EGRET (600-700 PRS IN 4/78; 700 PRS IN 7/78); WHITE IBIS (150 PRS IN 7/78).
GOPHPOLY*946	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-08-26	2008-08-26: fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: ruderal area with woody encroachment that is Van Fleet State Trail towards mesic hammock on Green Swamp WMA (PNDDIA02FLUS). 1994-08-09: in a h	2008-08-26: burrow observed in fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: observed tortoise walking from Van Fleet Trail towards mesic hammock (PNDDIA02FLUS). 1994-08-09: three active burrows noted
EUDOALBU*43	Eudocimus albus	White Ibis	G5	S4	N	LS	1978-07	SWAMP HARDWOODS & SHRUBS IN PONDS; NESTING SUBSTRATE OF MAPLES, WILLOWS, & ELDERBERRIES OVER WATER.	150 NESTING PAIRS IN 7/78.



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 1 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
JUSTCOOL*8	<i>Justicia cooleyi</i>	Cooley's Water-willow	G2	S2	LE	LE	1991-11-19	RICH, ROCKY WOODS (LIMESTONE OUTCROPPINGS) DOMINATED BY CELTIS LAEVIGATA, QUERCUS VIRGINIANA, ULMUS AMERICANA, LIQUIDAMBAR STYRACIFLUA, AND QUERCUS LAURIFOLIA. SHRUBS INCLUDE ULMUS ALATA, ILEX VOMITORIA, CALLICAUPA AMERICANA, SOMBUCUS CANADENSIS, AND SAB	HUNDREDS OF INDIVIDUALS SCATTERED WITH THE RICH, ROCKY WOODS. PLANTS IN FLOWER AND FRUIT. SEED SET GOOD.
HALILEUC*882	<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S3	N	N	1999	No general description given	Nest status 1999-2003: Active - 1999; Inactive - 2003, 2002, 2000; Unknown/not assessed - 2001; Status 1995-98: Continuously active. (U03FWC01FLUS). Previous data (note different format) Nest; Produced 1 young.
TYPOFULV*3	<i>Typocerus fulvocinctus</i>	Yellow-banded Typocerus Long-horned Beetle	G2	S2	N	N	1994-Pre	1994-Pre: occurs in pine flatwoods (B94DEY01FLUS).	1994-Pre: This species occurs in pine flatwoods (B94DEY01FLUS).





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## FLORIDA Natural Areas INVENTORY

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- Animals
- Plants
- Communities
- Other
- Data Sensitive

Point Indicates General Vicinity of Element

U.S. Fish & Wildlife Service Scrub Jay Survey 1992-96

### Conservation Lands

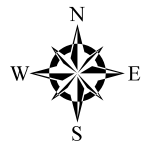
- Federal
- State
- Local
- Private
- State Aquatic Preserves

### Land Acquisition Projects

Florida Forever Board of Trustees Projects

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

- County Boundary
- Interstate
- Turnpike
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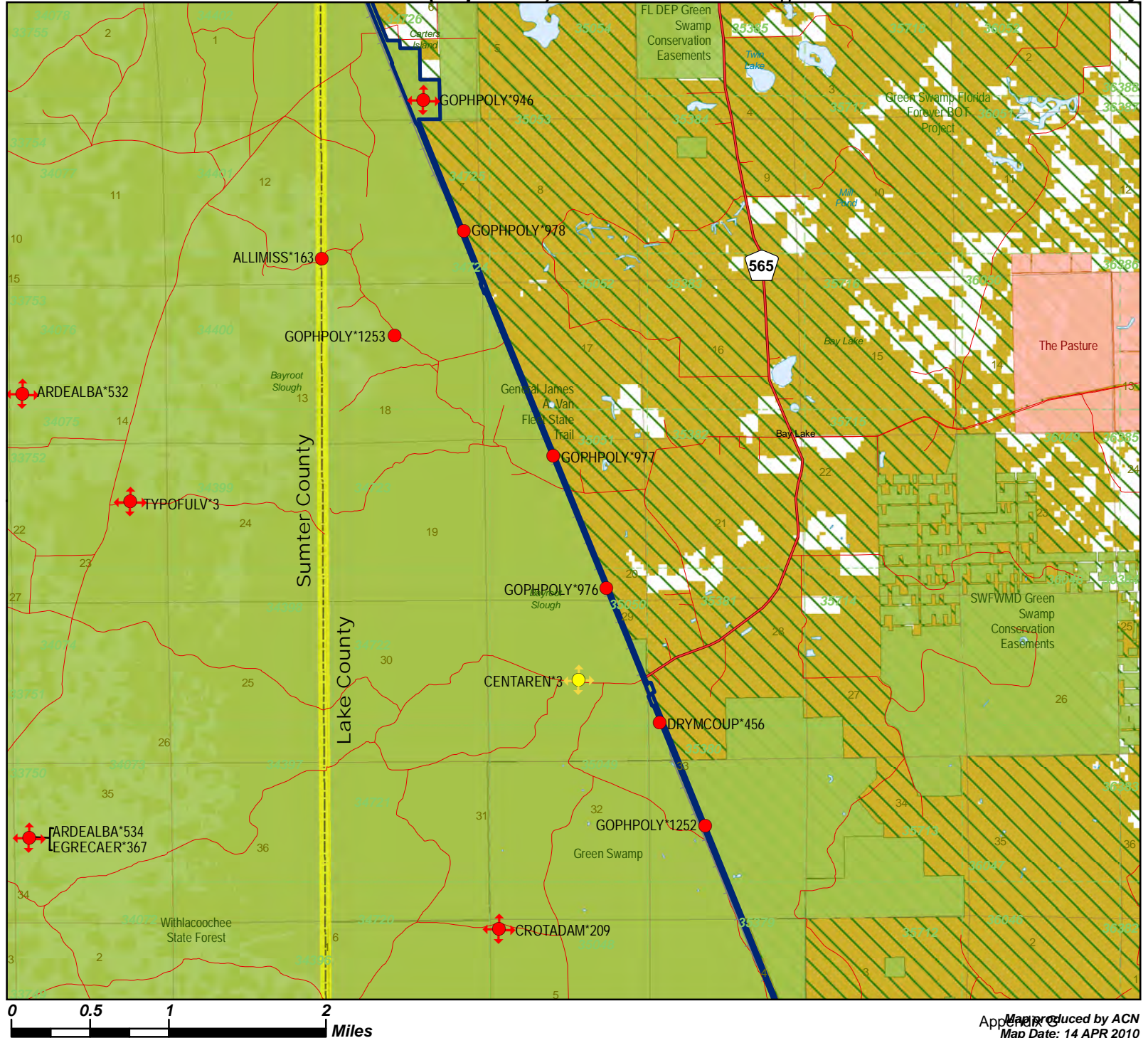


**NOTE**  
Map should not be interpreted without accompanying documents.

## General James A. Van Fleet State Trail (Map 2 of 5)

Site boundaries are approximate.

## Lake County



Map produced by ACN  
Map Date: 14 APR 2010

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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 2 of 5)



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			Rank	Rank	Status	Listing			
EGRECAER*367	Egretta caerulea	Little Blue Heron	G5	S4	N	LS	1989-04-24	Shrubs in pond	1989/04/24: D.E. Runde, GFC, observation. Helicopter flight; LBHE low on nest, immature LBHE roosting in colony "Total" = D (includes GREG, CAEG, LBHE, SMWHITE).
CENTAREN*3	Centrosema arenicola	Sand Butterfly Pea	G2Q	S2	N	LE	1981-08-30	No general description given	COLL. BY ROCHOW (S.N.) 31 AUG. 1981 (USF)
ARDEALBA*532	Ardea alba	Great Egret	G5	S4	N	N	1989-04-24	Cypress trees on edge of marshy lake.	1989/04/24: D.E. Runde, GFC; copter flight; birds low on nests, nest count. Total = 30.
ARDEALBA*534	Ardea alba	Great Egret	G5	S4	N	N	1989-04-24	Shrub swamp in cypress.	1989/04/24: D.E. Runde, GFC; copter flight; LBHE low on nest, immature LBHE roosting in colony Total = D (includes GREG, CAEG, LBHE, SMWHITE).
CROTADAM*209	Crotalus adamanteus	Eastern Diamondback Rattlesnake	G4	S3	N	N	1995-Pre	No general description given	1995-Pre: snake observed by Paul Elliot (SWFWMD) (M95MAR01).
GOPHPOLY*946	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-08-26	2008-08-26: fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: ruderal area with woody encroachment that is Van Fleet State Trail towards mesic hammock on Green Swamp WMA (PNDDIA02FLUS). 1994-08-09: in a h	2008-08-26: burrow observed in fire-suppressed mesic hammock at Green Swamp WMA (PNDELA01FLUS). 2008-07-31: observed tortoise walking from Van Fleet Trail towards mesic hammock (PNDDIA02FLUS). 1994-08-09: three active burrows noted
DRYMCOUP*456	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1994-08-09	ALONG AN ABANDONED RAILROAD RIGHT-OF-WAY IN A LANDSCAPE OF MESIC FLATWOODS AND DOME SWAMPS.	ONE SNAKE SEEN CROSSING RIGHT-OF-WAY.
GOPHPOLY*977	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-08-26	2008-08-26: along Van Fleet State Trail (PNDELA01FLUS). 1994-08-09: one live tortoise seen along an abandoned railroad ROW (PNDREE04FLUS).	2008-08-26: Observed one female tortoise commuting (PNDELA01FLUS). 1994-08-09: one tortoise seen commuting (PNDREE04FLUS).



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Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
GOPHPOLY*976	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-31	2008-07-31: ruderal area along Van Fleet State Trail; linear habitat (bordered by ditches/canals) with exotic plant species and encroaching woodies (PNDDIA02FLUS). 2008-07-29: sand spoil pile, moderately disturbed wet flatwoods; fire suppr	2008-07-31: one adult tortoise (PNDDIA02FLUS). 2008-07-29: single burrow (PNDDIA02FLUS). 1994-08-09: 1 tortoise seen (PNDREE04FLUS).
GOPHPOLY*978	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	1994-08-09	FORMER RAILROAD RIGHT-OF-WAY THROUGH MESIC FLATWOODS AND DOME SWAMPS.	ONE ACTIVE BURROW SEEN.
TYPOFULV*3	Typocerus fulvocinctus	Yellow-banded Typocerus Long-horned Beetle	G2	S2	N	N	1994-Pre	1994-Pre: occurs in pine flatwoods (B94DEY01FLUS).	1994-Pre: This species occurs in pine flatwoods (B94DEY01FLUS).
ALLMISS*163	Alligator mississippiensis	American Alligator	G5	S4	SAT	LS	2008-07-24	2008-07-24: ruderal; pool of muddy water under utility transmission lines, adjacent to sand road/service corridor (PNDDIA02FLUS).	2008-07-24: Single juvenile gator, approximately 1.25m long. Loafing, then submerged in pool of muddy water under utility transmission lines (PNDDIA02FLUS).
GOPHPOLY*1252	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-29	2008-07-29: moderately disturbed ruderal area; limited foraging access with ditches on either side of paved Van Fleet State Trail (PNDDIA02FLUS).	2008-07-29: one burrow located along Van Fleet State Trail; limited foraging access with ditches on either side of Van Fleet State Trail (PNDDIA02FLUS).
GOPHPOLY*1253	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-24	2008-07-24: mesic flatwoods, heavily disturbed by forestry operations, clearcutting (PNDDIA02FLUS).	2008-07-24: observed one inactive tortoise burrow in mesic flatwoods (PNDDIA02FLUS).

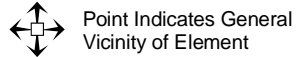


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## FLORIDA Natural Areas INVENTORY

### Element Occurrences

- Animals
- Plants
- Communities
- Other
- Data Sensitive



- U.S. Fish & Wildlife Service Scrub Jay Survey 1992-96

### Conservation Lands

- Federal
- State
- Local
- Private
- State Aquatic Preserves

### Land Acquisition Projects

- Florida Forever Board of Trustees 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

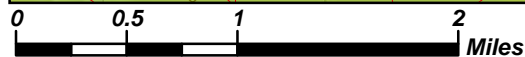
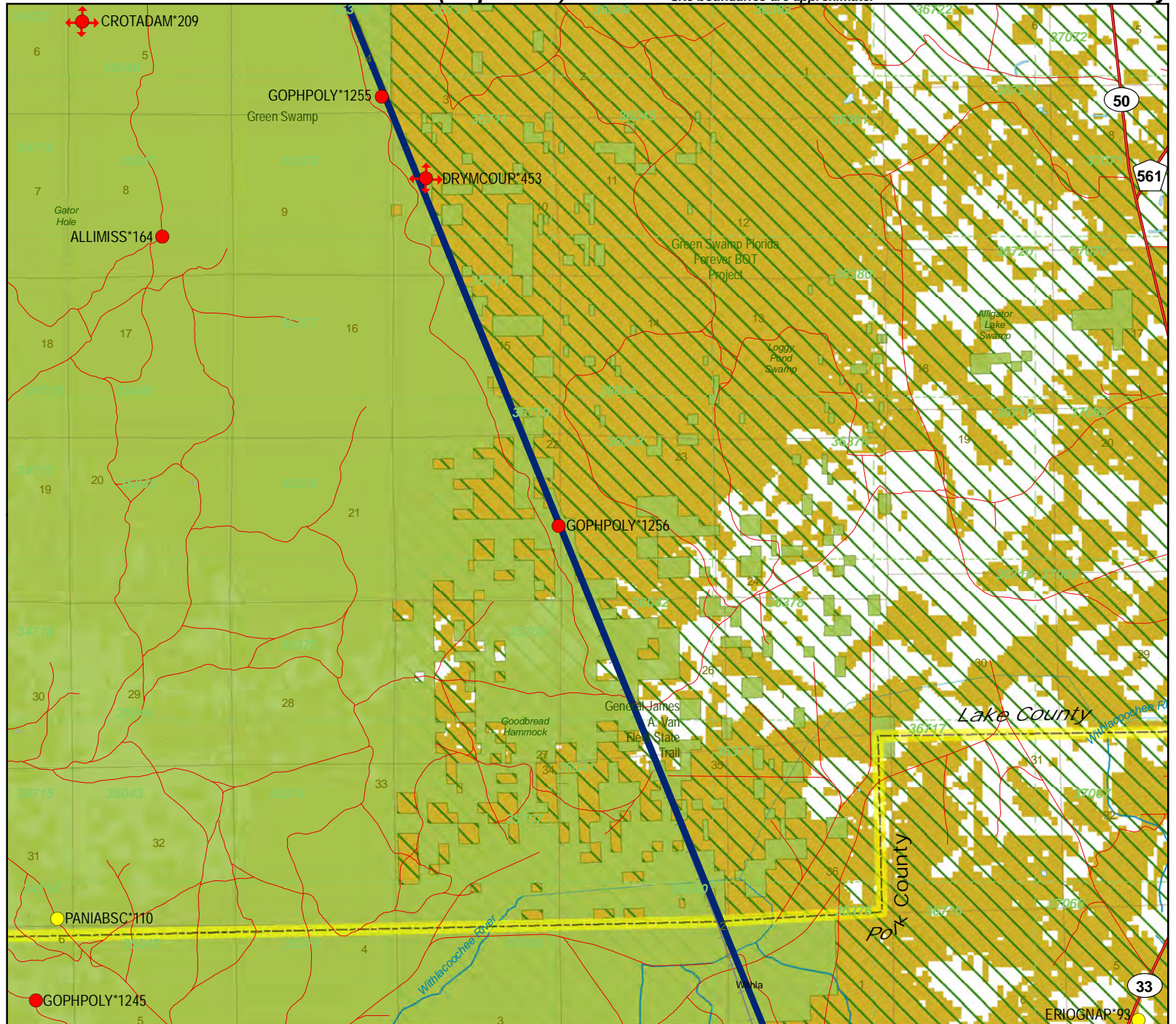


**NOTE**  
Map should not be interpreted without accompanying documents.

# General James A. Van Fleet State Trail (Map 3 of 5)

Site boundaries are approximate.

# Lake County



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**Natural Areas**  
INVENTORY

## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 3 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
ERIOGNAP*93	Eriogonum longifolium var. gnaphalifolium	Scrub Buckwheat	G4T3	S3	LT	LE	1998-05-16	Highway right-of-way with bahia grass and Berlandiera subacaulis.	Approx. 75 plants, flowering, scattered along a one-half mile stretch of road right-of-way.
CROTADAM*209	Crotalus adamanteus	Eastern Diamondback Rattlesnake	G4	S3	N	N	1995-Pre	No general description given	1995-Pre: snake observed by Paul Elliot (SWFWMD) (M95MAR01).
DRYMCoup*453	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1994-08-09	A GRAZED MESIC FLATWOODS AND DOME SWAMP LANDSCAPE WITH AN ABANDONED RAILROAD GRADE WITH PERIMETER DITCHES CROSSING IT.	ONE SNAKE SEEN CROSSING RIGHT-OF-WAY.
PANIABSC*110	Panicum abscissum	Cutthroat Grass	G3	S3	N	LE	2008-06-27	2008-06-27: Fire suppressed wet flatwoods adjacent to road (PNDHEA02FLUS).	2008-06-27: 1-10 vegetative plants covering less than one square meter of woody-encroached wet flatwoods (PNDHEA02FLUS).
GOPHPOLY*1245	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-03	2008-07-03: Mesic flatwoods, moderately disturbed by fire suppression and woody encroachment. Recent but incomplete burn (PNDHEA02FLUS).	2008-07-03: Active tortoise burrow in mesic flatwoods (PNDHEA02FLUS).
ALLIMISS*164	Alligator mississippiensis	American Alligator	G5	S4	SAT	LS	2008-07-17	2008-07-17: ruderal edge to basin swamp; shallow water in ditch alongside gravel road (PNDDIA02FLUS).	2008-07-17: Single juvenile gator, 1m long; loafing in shallow water of ditch alongside gravel road (PNDDIA02FLUS).
GOPHPOLY*1255	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-29	2008-07-29: two sightings made on Van Fleet State Trail, a moderately disturbed ruderal area bordered on either side by ditches/canals and, to the west, by Green Swamp WMA. At northern point one adult tortoise was loafing at burrow entrance. At souther	2008-07-29: two live tortoise sightings on General James A. Van Fleet State Trail, along western boundary of Green Swamp WMA (PNDDIA02FLUS).
GOPHPOLY*1256	Gopherus polyphemus	Gopher Tortoise	G3	S3	N	LT	2008-07-31	2008-07-31: linear habitat; moderately disturbed ruderal area bordered by ditch/canal (PNDDIA02FLUS).	2008-07-31: observed single tortoise enter its burrow along General James A. Van Fleet State Trail (PNDDIA02FLUS).

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## 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
- State Aquatic Preserves

### Land Acquisition Projects

- Florida Forever Board of Trustees 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

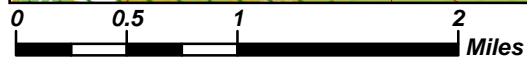
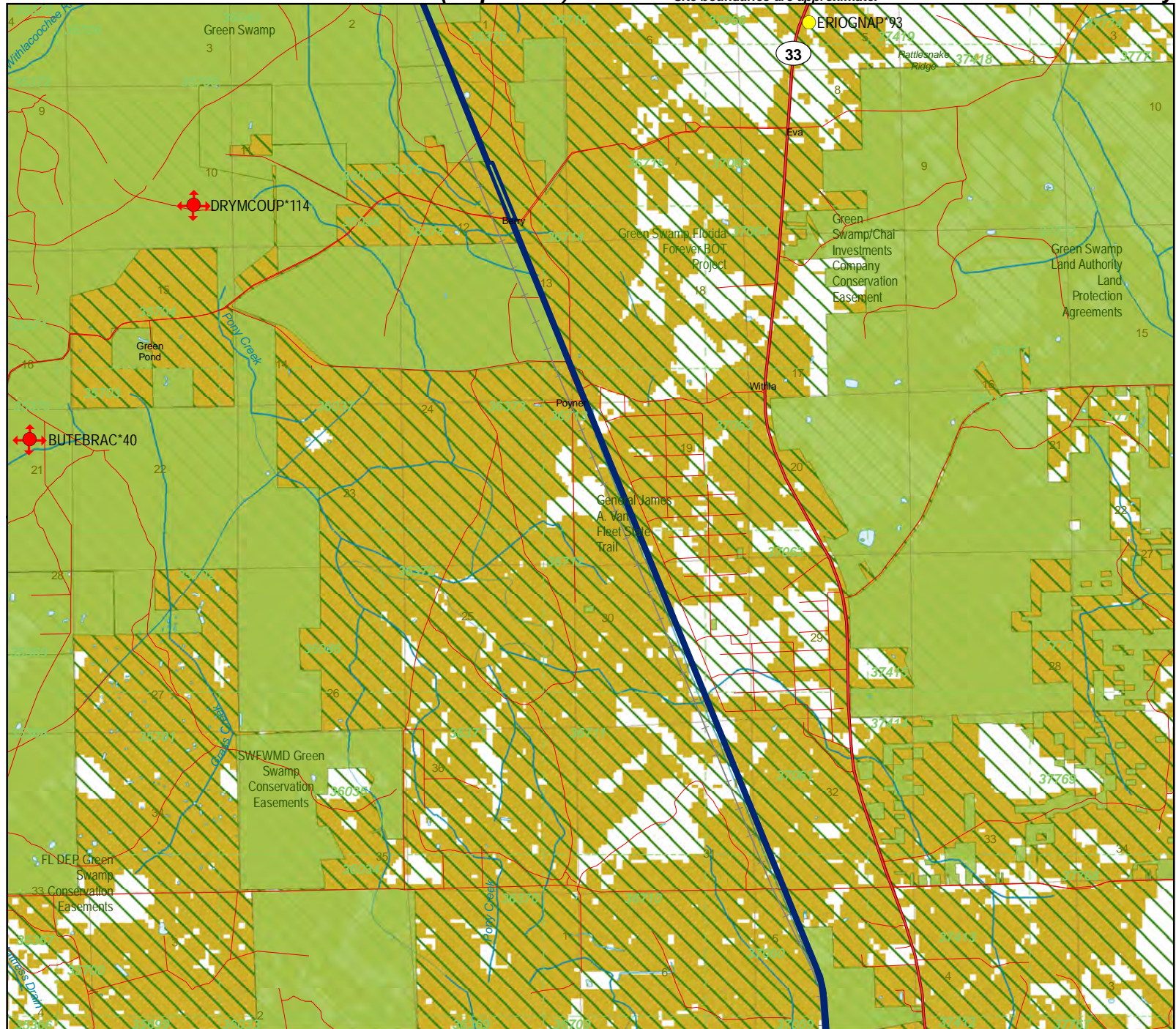


**NOTE**  
Map should not be interpreted without accompanying documents.

# General James A. Van Fleet State Trail (Map 4 of 5)

Site boundaries are approximate.

# Polk County



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 4 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation					Date	Description	EO Comments
			Rank	Rank	Status	Listing	Listing			
ERIOGNAP*93	Eriogonum longifolium var. gnaphalifolium	Scrub Buckwheat	G4T3	S3	LT	LE	1998-05-16	Highway right-of-way with bahia grass and Berlandiera subacaulis.	Approx. 75 plants, flowering, scattered along a one-half mile stretch of road right-of-way.	
BUTEBRAC*40	Buteo brachyurus	Short-tailed Hawk	G4G5	S1	N	N	1986-06-01	Strand Swamp; Mesic Flatwoods.	1986-06-01: B. Cooper, NAS, observed 1 hawk roosting.	
DRYMCoup*114	Drymarchon couperi	Eastern Indigo Snake	G3	S3	LT	LT	1982-Pre	No general description given	CA. 1978-1980: DENNIS DAVID OBSERVED INDIGO SNAKE HERE (P. MOLER INTERVIEW OF 22 OCT 1981: U82MOL01FLUS).	

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**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**

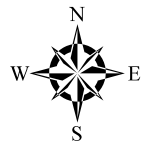
- Federal
- State
- Local
- Private
- State Aquatic Preserves

**Land Acquisition Projects**

- Florida Forever
- Board of Trustees Projects

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

- County Boundary
- Interstate
- Turnpike
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- Railroad [Inactive railroads shown in Gray]
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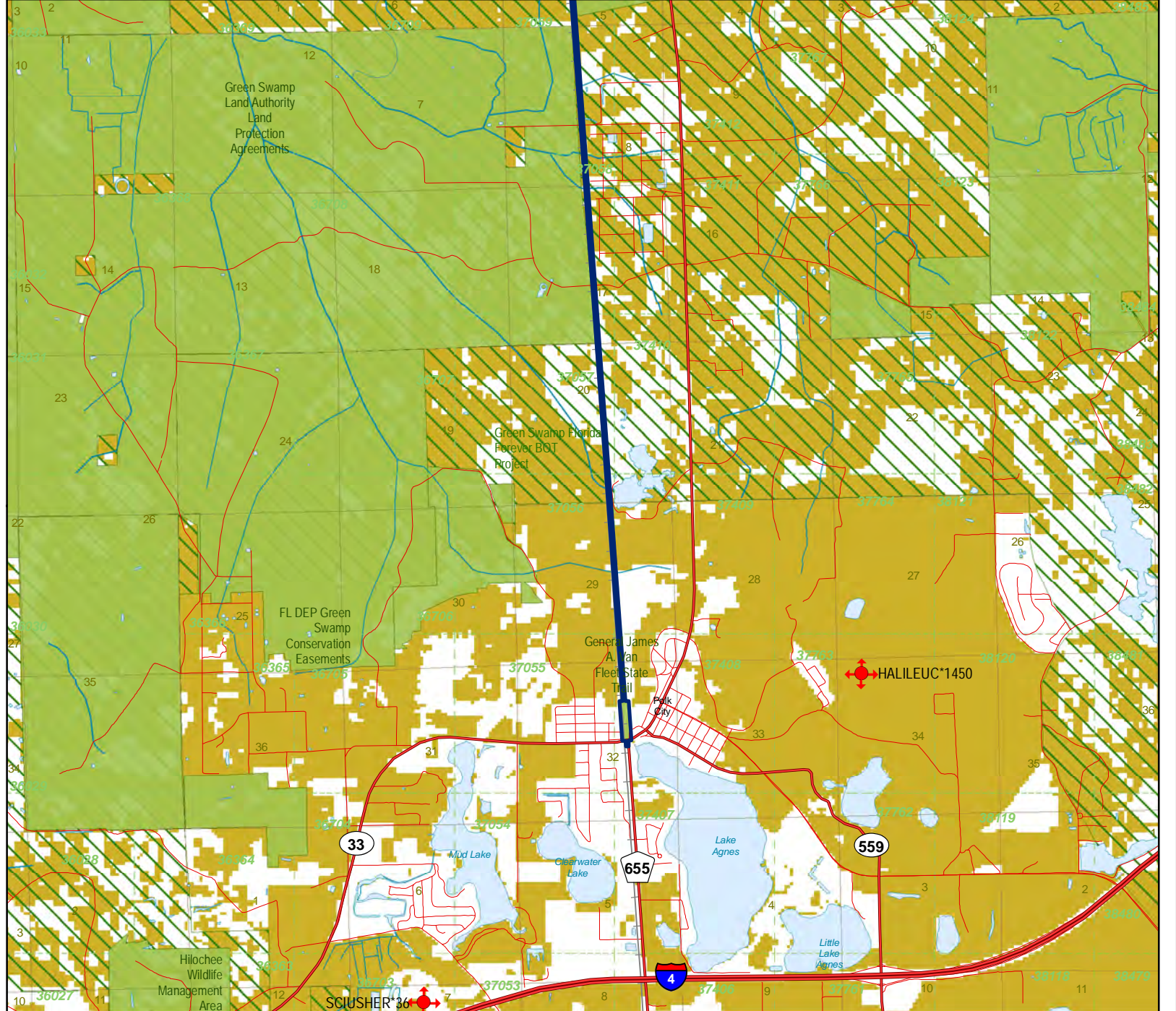


**NOTE**  
Map should not be interpreted without accompanying documents.

**General James A. Van Fleet State Trail (Map 5 of 5)**

Site boundaries are approximate.

**Polk County**



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## Florida Natural Areas Inventory

### ELEMENT OCCURRENCES DOCUMENTED ON OR NEAR Gen. James A. Van Fleet State Trail (Map 5 of 5)



Map Label	Scientific Name	Common Name	Global State Federal State Observation				Date	Description	EO Comments
			Rank	Rank	Status	Listing			
SCIUSHER*36	Sciurus niger shermani	Sherman's Fox Squirrel	G5T3	S3	N	LS	1988-05-18	OPEN-CANOPY BAYHEAD WITH PINE FRINGES, SURROUNDED BY IMPROVED PASTURE WITH SCATTERED OAKS.	1988-05: WINCHESTER OBSERVED 3 INDIVIDUALS IN PASTURE WITH SCATTERED OAKS ADJACENT TO BAYHEAD.
HALILEUC*1450	Haliaeetus leucocephalus	Bald Eagle	G5	S3	N	N	2003	2005-07-12: Source does not provide a description.	Nest status: Active, 2003, 2002, 2001, 2000, 1999;(U03FWC01FLUS)

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## GLOBAL AND STATE RANKS

Florida Natural Areas Inventory (FNAI) defines an **element** as any rare or exemplary component of the natural environment, such as a species, natural community, bird rookery, spring, sinkhole, cave, or other ecological feature. FNAI assigns two ranks to each element found in Florida: the **global rank**, which is based on an element's worldwide status, and the **state rank**, which is based on the status of the element within Florida. Element ranks are based on many factors, including estimated number of occurrences, estimated abundance (for species and populations) or area (for natural communities), estimated number of adequately protected occurrences, range, threats, and ecological fragility.

## GLOBAL RANK DEFINITIONS

- 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.
- 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.
- GH** Of historical occurrence throughout its range, may be rediscovered (e.g., ivory-billed woodpecker)
- GNA** Ranking is not applicable because element is not a suitable target for conservation (e.g. as for hybrid species)
- GNR** Not yet ranked (temporary)
- GNRTNR** Neither the full species nor the taxonomic subgroup has yet been ranked (temporary)
- GX** Believed to be extinct throughout range
- GXC** Extirpated from the wild but still known from captivity/cultivation
- GU** Unrankable. Due to lack of information, no rank or range can be assigned (e.g., GUT2).

## STATE RANK DEFINITIONS

Definition parallels global element rank: substitute "S" for "G" in above global ranks, and "in Florida" for "globally" in above global rank definitions.

**FEDERAL AND STATE LEGAL STATUSES (U.S. Fish and Wildlife Service – USFWS)  
PROVIDED BY FNAI FOR INFORMATION ONLY.**

For official definitions and lists of protected species, consult the relevant state or federal agency.

**FEDERAL LEGAL STATUS**

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.

- LE** Listed as Endangered Species in the List of Endangered and Threatened Wildlife and Plants under the provisions of the Endangered Species Act. Defined as any species which is in danger of extinction throughout all or a significant portion of its range.
- LE,XN** A non essential experimental population of a species otherwise Listed as an Endangered Species in the List of Endangered and Threatened Wildlife and Plants. LE,XN for *Grus americana* (Whooping crane), Federally listed as XN (Non essential experimental population) refers to the Florida experimental population only. Federal listing elsewhere for *Grus americana* is LE.
- PE** Proposed for addition to the List of Endangered and Threatened Wildlife and Plants as Endangered Species.
- LT** Listed as Threatened Species, defined as any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
- LT,PDL** Species currently listed Threatened but has been proposed for delisting.
- PT** Proposed for listing as Threatened Species.
- C** Candidate Species for addition to the list of Endangered and Threatened Wildlife and Plants, Category 1. Federal listing agencies have sufficient information on biological vulnerability and threats to support proposing to list the species as Endangered or Threatened.
- SAT** Threatened due to similarity of appearance to a threatened species.
- SC** Species of Concern, species is not currently listed but is of management concern to USFWS.
- N** Not currently listed, nor currently being considered for addition to the List of Endangered and Threatened Wildlife and Plants.

**FLORIDA LEGAL STATUSES (Florida Fish and Wildlife Conservation Commission – FFWCC/  
Florida Department of Agriculture and Consumer Services – FDACS)**

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

- LE** Listed as Endangered Species by the FFWCC. Defined as a species, subspecies, or isolated population which is so rare or depleted in number or so restricted in range of habitat due to any man-made or natural factors that it is in immediate danger of extinction or extirpation from the state, or which may attain such a status within the immediate future.
- LT** Listed as Threatened Species 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.
- LT\*** Indicates that a species has LT status only in selected portions of its range in Florida. LT\* for *Ursus americanus floridanus* (Florida black bear) indicates that LT status does not apply in Baker and Columbia counties and in the Apalachicola National Forest. LT\* for *Neovison vison* pop. 1 (Southern mink, South Florida population) state listed as Threatened refers to the Everglades population only (Note: species formerly listed as *Mustela vison* mink pop. 1. Also, priorly listed as *Mustela evergladensis*).
- LS** 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.

**LS\*** Indicates that a species has LS status only in selected portions of its range in Florida. LS\* for *Pandion haliaetus* (Osprey) state listed as LS (Species of Special Concern) in Monroe County only.

**PE** Proposed for listing as Endangered.

**PT** Proposed for listing as Threatened.

**PS** Proposed for listing as a Species of Special Concern.

**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 please visit: <http://DOACS.State.FL.US/PI/Images/Rule05b.pdf>

**LE** Listed as Endangered Plants in the Preservation of Native Flora of Florida Act. Defined as species of plants native to the state 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, and includes all species determined to be endangered or threatened pursuant to the Federal Endangered Species Act of 1973, as amended.

**PE** Proposed by the FDACS for listing as Endangered Plants.

**LT** Listed as Threatened Plants in the Preservation of Native Flora of Florida Act. Defined as 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 such number as to cause them to be endangered. LT\* indicates that a species has LT status only in selected portions of its range in Florida.

**PT** Proposed by the FDACS for listing as Threatened Plants.

**N** Not currently listed, nor currently being considered for listing.



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# Green Swamp

Lake and Polk Counties

# Group A

## Full Fee / Less-Than-Fee

**Purpose for State Acquisition**

The mosaic of cypress swamps, pine forests, and pastures known as the Green Swamp is a vital part of the water supply of central Florida. This project gives rise to four major river systems, has the highest groundwater elevation in the peninsula, and is important for maintaining the flow of water from the Floridan Aquifer. By preserving the mosaic of land use in this region, the Green Swamp Florida Forever project will protect the Floridan Aquifer and the several rivers; preserve a large area for wildlife; and provide areas for public recreation in the rapidly growing region between Tampa and Orlando. This project may also help complete the Florida National Scenic Trail, a statewide non-motorized trail that crosses a number of Florida Forever project sites.

**Managers**

The Fish and Wildlife Conservation Commission (FWC) is recommended as the manager for most of the project area. The Department of Environmental Protection's Division of Recreation and Parks (DRP) will manage the Overstreet Ranch and the area adjacent to Lake Louisa State Park, with Sections 3, 4, and 5, T24S, R26E being the southern extent of its management.

**General Description**

The project is a critical hydrological resource: it en-

compasses the headwaters of four major rivers; the Withlacoochee, Oklawaha, Hillsborough, and Peace; and has the highest ground water elevation in the Peninsula. It is therefore considered critical to the recharge of the Floridan Aquifer. For this reason, it has been designated an Area of Critical State Concern. The area is a complex mosaic of disturbed uplands and wetlands intermixed with higher quality swamps. It is estimated that 90% of the native upland vegetation in the project has been disturbed by agriculture and development, but the project does contain some uplands with natural communities such as flatwoods and sandhills. The project has a moderate potential for archaeological or historical sites. The wetlands are threatened by sand mining and the uplands are threatened by residential, commercial and high-intensity recreational development.

**Public Use**

The project will become a wildlife management area and a state park, providing for such activities as hunting, hiking and nature appreciation. The less than fee parcel qualifies as a wildlife management area. The amount and nature of public use will be negotiated with the landowners.

**Acquisition Planning**

On December 10, 1992, the Land Acquisition Advisory Council (LAAC) added the Green Swamp project to the CARL Priority list. This fee-simple & less-than-fee acquisition, sponsored by the Department of Environmental Regulations, consisted of approximately 230,000 acres, divided into Phase I (126,800 acres) and II (103,200 acres), multiple owners, and a 1991 taxable

Green Swamp FNAI Elements	
Eastern Indigo Snake	G3/S3
Gopher Tortoise	G3/S3
Florida Mouse	G3/S3
Swallow-tailed Kite	G5/S2
Arogos Skipper	G3T1T2/S1S2
Celestial Lily	G2/S2
Giant Orchid	G2G3/S2
Florida Sandhill Crane	G5T2T3/S2S3
Short-tailed Hawk	G4G5/S1
Peninsular Floater	G3/S2S3
Scrub Plum	G3/S3
Florida Bonamia	G3/S3
34 rare species are associated with the project	

<b>Placed on List</b>	<b>1992</b>
<b>Project Area (Acres)</b>	<b>233,598*</b>
<b>Acres Acquired</b>	<b>69,447**</b>
<b>at a Cost of</b>	<b>\$115,321,102**</b>
<b>Acres Remaining</b>	<b>164,151</b>
<b>with Estimated (Tax Assessed) Value of \$194,407,313</b>	

\*Previously only Phase 1 reported

\*\*includes acreage acquired & funds expended by the South-west Florida and St. Johns River Water Management Districts

## Green Swamp - Group A / Full Fee / Less-Than-Fee

value of \$272,628,200. Two non-contiguous Phase I areas have been identified based on relative intactness of their natural communities. In general, priority areas are the relatively large contiguous parcels and strategic smaller parcels. In Lake County, the northern half of the western Phase I area extends south to the county line, less the subdivisions. Specifically in the Lake Louisa area, the Bradshaw ownership (acquired) is the most important tract.

The Black Bear Land Company, Ray, and Oswalt ownerships have also been acquired. Other large ownerships have been mapped and appraised.

On October 30, 1996, the LAAC approved a fee-simple, 3,598-acre addition to the project boundary. The addition was distributed as follows: Phase I, 890 acres with a taxable value of \$995,830 and Phase II, 2,708 acres with a taxable value of \$3,030,000. The addition was sponsored by the DEP, consisted of multiple owners, and a total taxable value of \$4,025,830. LAAC also moved 19,000 acres from Phase II to Phase I and approved the deletion of the priority areas designation within Phase I.

On December 15, 1996, the Overstreet (acquired in 2006) and portions of the Jahna (acquired in a conservation easement) ownerships (11,383 acres) were transferred to the CARL Less-Than-Fee category.

On April 6, 2001, the Acquisition & Restoration Council (ARC) established a Florida Forever (FF) priority list consisting of Groups A & B. The Green Swamp Less-Than-Fee acreage went to Group A and the Full-Fee acreage went to Group B.

On June 6, 2002, the ARC approved combining the Green Swamp full-fee and less-than-fee categories into one Group A Less-Than-Fee category. Parcels can still be acquired in full-fee if appropriate.

### Coordination

The Green Swamp Land Authority has acquired 17,948 acres within the project boundary and expended \$13,848,442. The SWFWMD has acquired considerable acreage adjacent to and partly within the overall project boundary. Section 51, ch. 99-2478, provided for the deletion of the provision setting out the membership of the Green Swamp Land Authority and that “[henceforth, the Green Swamp Land Authority shall mean the Department of Environmental Protection for purposes of [Section 380.0677, F.S.,] and statutes related thereto.”

### Management Policy Statement

The primary goals of management of the Green Swamp Florida Forever project are: to conserve and protect lands within areas of critical state concern; to conserve and protect significant habitat for native species or endangered and threatened species; to conserve, protect, manage, or restore important ecosystems, landscapes, and forests, in order to enhance or protect significant surface water, coastal, recreational, timber, fish or wildlife resources which local or state regulatory programs cannot adequately protect; and to provide areas, including recreational trails, for natural-resource-based recreation.

### Management Prospectus

**Qualifications for state designation** The Green Swamp Florida Forever project has the size and wildlife resources to qualify as a wildlife management area.

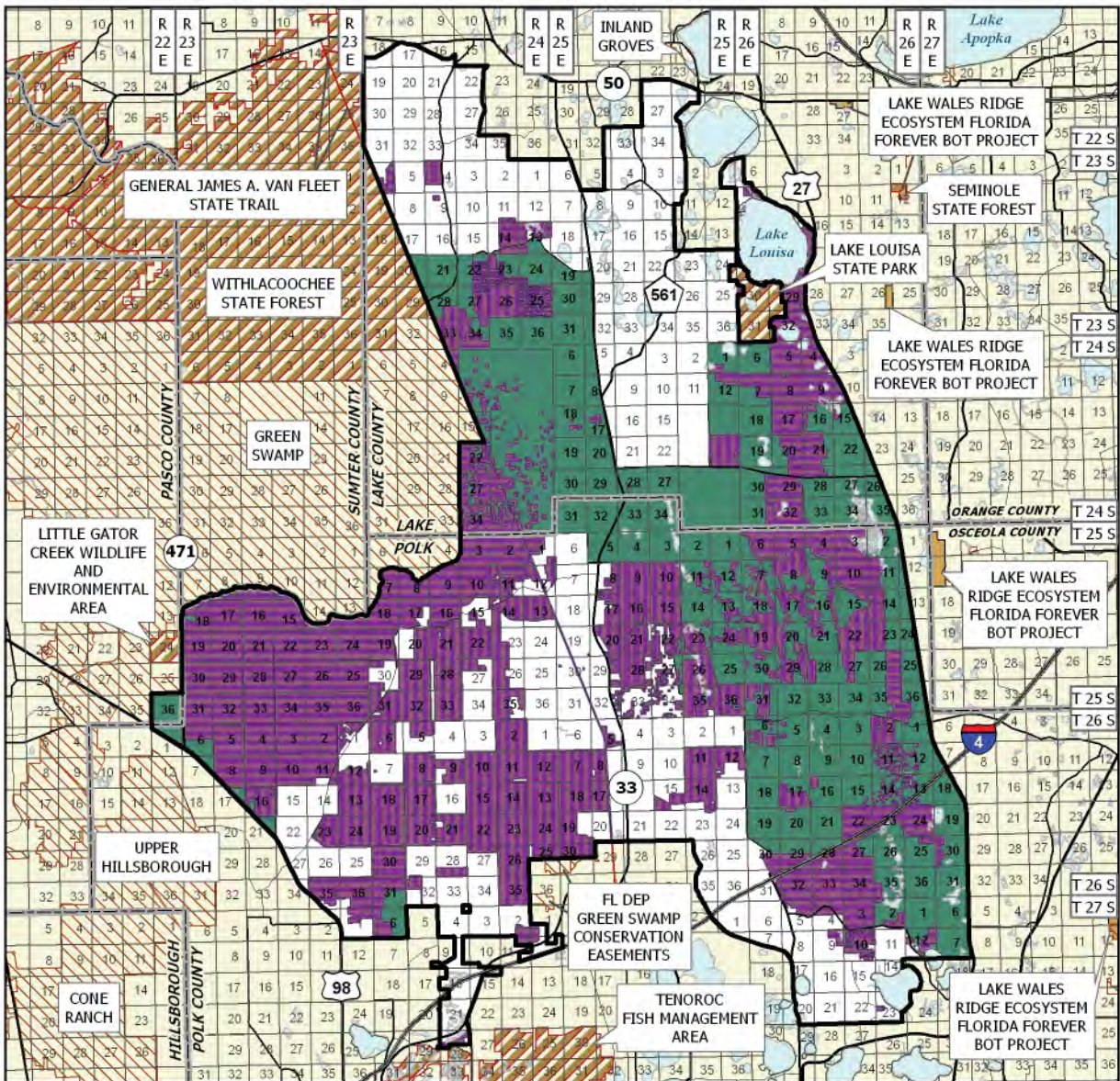
**Manager** DEP has been recommended as manager.

**Conditions affecting intensity of management** The primary management tools in the area to be managed by FWC involve prescribed introduction of fire and control of human access. Some pine forests will require restoration. The portion of the project adjacent to Lake Louisa, to be managed by DRP, is a high-need management area with emphasis on public recreational use and development and major resource restoration. The majority of the properties in this area are or were citrus groves. The portion of the project known as the Overstreet Ranch to be managed by DRP is within the Department of Transportation’s Hillsborough Watershed mitigation/restoration area. The southwest portion has been identified for potential mitigation.

### Timetable for implementing management and provisions for security and protection of infrastructure

Within the first year after acquisition, FWC’s management activities will concentrate on site security, natural and cultural resource protection, and the development of a plan for long-term public use and resource management that is consistent with the goals and objectives stated for this project. Long-term management will include restoration of natural pine forests. Growing-season fire will be important in this restoration. FWC will emphasize the provision of old-growth forest, but for game species will also provide areas of successional vegetation in pine areas adjacent to wetlands. FWC also plans to provide high-quality habitat and protection for listed wildlife species. FWC will keep public facilities to a minimum, hiking and horseback trail in upland areas, and perhaps interpretive centers and wildlife observation towers in selected areas.

# Green Swamp - Group A / Full Fee / Less-Than-Fee



## GREEN SWAMP

### LAKE AND POLK COUNTIES

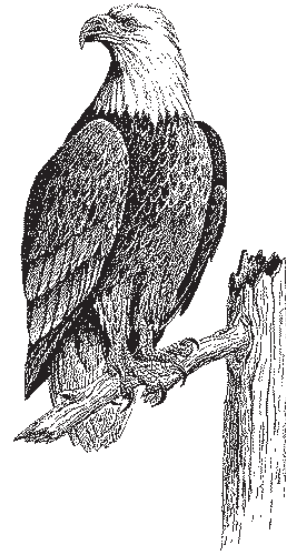
-  Florida Forever BOT Project Boundary
-  Acquired for Conservation (Fee Simple)
-  Acquired for Conservation (Less-Than-Fee)
-  Essential Parcel(s) Remaining
-  Other Florida Forever BOT Projects
-  State Owned Lands
-  Other Conservation Lands



SEPTEMBER 2009

## Green Swamp - Group A / Full Fee / Less-Than-Fee

**Revenue-generating potential** FWC expects no significant revenue from this project initially, but will continue to offer hunting opportunities. For the area next to Lake Louisa State Park, DRP also expects no significant revenue to be generated initially. After acquisition, it will probably be several years before any significant public use facilities are developed in the Lake Louisa area, and the amount of any revenue generated will depend on the nature and extent of public use and facilities.



### Management Cost Summary/FWC

Category	1996/97	1997/98	1998/99
Source of Funds	CARL	CARL	CARL
Salary	\$18,290	\$43,100	\$77,650
OPS	\$0	\$0	\$1,000
Expense	\$43,280	\$37,900	\$30,000
OCO	\$0	\$28,500	\$29,200
FCO	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$61,570</b>	<b>\$109,500</b>	<b>\$137,850</b>

### Management Cost Summary/DRP

Category	1996/97	1997/98	1998/99
Source of Funds	SPTF/CARL	SPTF/CARL	SPTF/CARL
Salary	\$103,834	\$106,949	\$110,157
OPS	\$12,254	\$12,000	\$12,000
Expense	\$19,268	\$22,000	\$22,000
OCO	\$29,807	\$0	\$0
FCO	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$135,356</b>	<b>\$140,949</b>	<b>\$144,157</b>



## **Appendix I**

### **Division of Historical Resources Report (DHR)**

#### **Management Procedures for Archaeological and Historical Sites and Properties on State-Owned or Controlled Properties**

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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.

May 4, 2011



Marsha Connell  
Office of Greenways and Trails  
3900 Commonwealth Blvd., MS 795  
Tallahassee, FL 32399-3000  
Phone: 850.245.2050  
Fax: 850.245.2083  
Email: [Marsha.Connell@dep.state.fl.us](mailto:Marsha.Connell@dep.state.fl.us)

In response to your inquiry of April 27, 2011, the Florida Master Site File lists no previously recorded archaeological sites, two resource groups and no standing structures which intersect with the following managed area within Sumter, Lake and Polk Counties:

#### **General James A. Van Fleet State Trail**

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,

Celeste Ivory  
Assistant Supervisor  
Florida Master Site File  
[mcivory@dos.state.fl.us](mailto:mcivory@dos.state.fl.us)

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CULTURAL RESOURCES REPORT

SITEID	FORMNO	T-R-S	CR	SITENAME	NRLIST	SURVEY	LOCATION	OTHER
PO07117	200803	24S/24E/35	RG	CSX RAILROAD		15679 City: LAKE WALES		RG Type: LINE, # Contrib Resources: 1
SM00578	201009	20S/23E/18	RG	SHABOARD COAST LINE RR		18036 City: SUMTERVILLE		RG Type: LINE, # Contrib Resources: 0

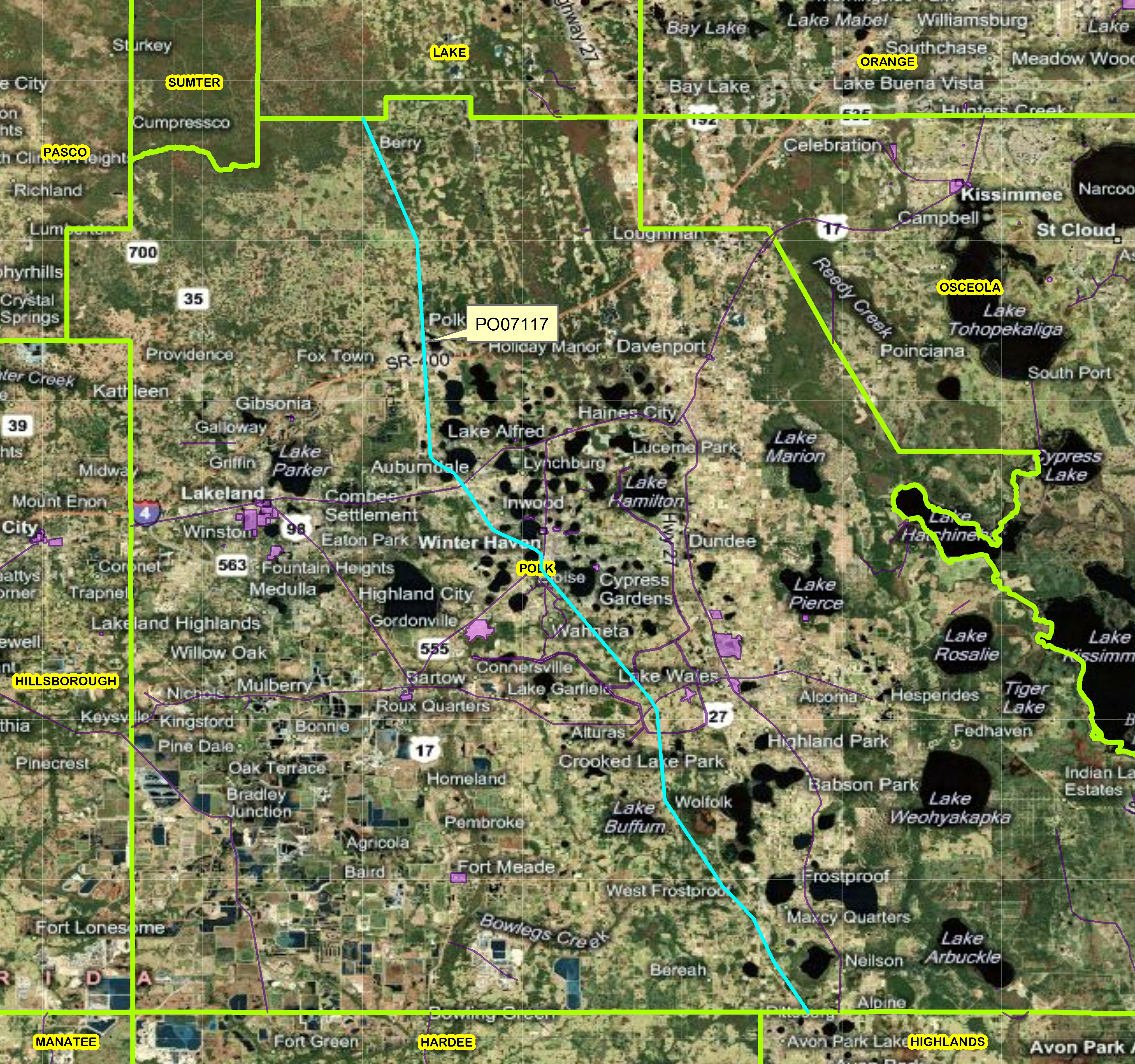
2 site(s) evaluated: 2 form(s) evaluated. (2 RG)  
 Print date: 5/4/2011 3:58:38 PM

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LAKE

ORANGE

SUMTER

PASCO

PO07117

OSCEOLA

POLK

HILLSBOROUGH

MANATEE

HARDEE

HIGHLANDS

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**Management Procedures for Archaeological and Historical Sites and Properties on State-Owned or Controlled Properties**  
(revised February 2007)

**These procedures apply to state agencies, local governments, and non-profits that manage state-owned properties.**

A. General Discussion

Historic resources are both archaeological sites and historic structures. Per Chapter 267, Florida Statutes, *‘Historic property’ or ‘historic resource’ means any prehistoric district, site, building, object, or other real or personal property of historical, architectural, or archaeological value, and folklife resources. These properties or resources may include, but are not limited to, monuments, memorials, Indian habitations, ceremonial sites, abandoned settlements, sunken or abandoned ships, engineering works, treasure trove, artifacts, or other objects with intrinsic historical or archaeological value, or any part thereof, relating to the history, government, and culture of the state.*”

B. Agency Responsibilities

Per State Policy relative to historic properties, state agencies of the executive branch must allow the Division of Historical Resources (Division) the opportunity to comment on any undertakings, whether these undertakings directly involve the state agency, i.e., land management responsibilities, or the state agency has indirect jurisdiction, i.e. permitting authority, grants, etc. No state funds should be expended on the undertaking until the Division has the opportunity to review and comment on the project, permit, grant, etc.

State agencies shall preserve the historic resources which are owned or controlled by the agency.

Regarding proposed demolition or substantial alterations of historic properties, consultation with the Division must occur, and alternatives to demolition must be considered.

State agencies must consult with Division to establish a program to location, inventory and evaluate all historic properties under ownership or controlled by the agency.

C. Statutory Authority

Statutory Authority and more in depth information can be found in the following:

**Chapter 253, F.S.** – State Lands

**Chapter 267, F.S.** – Historical Resources

**Chapter 872, F.S.** – Offenses Concerning Dead Bodies and Graves

Other helpful citations and references:

Chapter 1A-32, F.A.C. – Archaeological Research

Chapter 1A-44, F.A.C. – Procedures for Reporting and Determining Jurisdiction Over Unmarked Human Burials

Chapter 1A-46, F.A.C. – Archaeological and Historical Report Standards and Guidelines

*The Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings*

#### D. Management Implementation

**Even though the Division sits on the Acquisition and Restoration Council and approves land management plans, these plans are conceptual. Specific information regarding individual projects must be submitted to the Division for review and recommendations.**

Managers of state lands must coordinate any land clearing or ground disturbing activities with the Division to allow for review and comment on the proposed project. Recommendations may include, but are not limited to: approval of the project as submitted, pre-testing of the project site by a certified archaeological monitor, cultural resource assessment survey by a qualified professional archaeologist, modifications to the proposed project to avoid or mitigate potential adverse effects.

Projects such as additions, exterior alteration, or related new construction regarding historic structures must also be submitted to the Division of Historical Resources for review and comment by the Division's architects. Projects involving structures fifty years of age or older, must be submitted to this agency for a significance determination. In rare cases, structures under fifty years of age may be deemed historically significant. These must be evaluated on a case by case basis.

Adverse impacts to significant sites, either archaeological sites or historic buildings, must be avoided. Furthermore, managers of state property should make preparations for locating and evaluating historic resources, both archaeological sites and historic structures.

#### E. Minimum Review Documentation Requirements

In order to have a proposed project reviewed by the Division, the following information, at a minimum, must be submitted for comments and recommendations.

Project Description – A detailed description of the proposed project including all related activities. For land clearing or ground disturbing activities, the depth and extent of the disturbance, use of heavy equipment, location of lay down yard, etc. For historic structures, specific details regarding rehabilitation, demolition, etc.

Project Location – The exact location of the project indicated on a USGS Quadrangle map, is preferable. A management base map may be acceptable. Aerial photos indicating the exact project area as supplemental information are helpful.

Photographs – Photographs of the project area are always useful. Photographs of structures are required.

Description of Project Area – Note the acreage of the project, describe the present condition of project area, and any past land uses or disturbances.

Description of Structures – Describe the condition and setting of each building within project area if approximately fifty years of age or older.

Recorded Archaeological Sites or Historic Structures – Provide Florida Master Site File numbers for all recorded historic resources within or adjacent to the project area. This information should be in the current management plan; however, it can be obtained by contacting the Florida Master Site File at (850) 245-6440.

\* \* \*

Questions relating to the treatment of archaeological and historic resources on state lands should be directed to:

Susan M. Harp  
Historic Preservation Planner  
Division of Historical Resources  
Bureau of Historic Preservation  
Compliance and Review Section  
R. A. Gray Building  
500 South Bronough Street  
Tallahassee, FL 32399-0250

Phone: (850) 245-6367  
Fax: (850) 245-6438

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## **Appendix J**

### **Budget and Timeline**

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Appendix J  
Budget and Timeline  
General James A. Van Fleet State Trail

<i>Resource Management cont.</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTALS
Activity 7.1.1 – Record the Lake County portion of the railroad corridor with the FMSF. [2013]		\$200									\$200
Activity 7.1.2 – Record all identified historic railroad markers with the FMSF. [2013]		\$800									\$800
Activity 7.1.3 – Pursue funding for a Phase I cultural resource survey of Carter's Island. [2017-2021]						\$400	\$400	\$400	\$400	\$400	\$2,000
Activity 7.1.4 – Ensure the appropriate staff has participated in the Archaeological Resources Monitoring (ARM) Training for state land managers. [2012-2013]		\$950									\$950
Activity 8.1.1 – Map occurrences of imperiled species, and report identified species to partner agencies. [2012-2013]	\$1,500	\$1,500									\$3,000
Objective 8.2 (Core) – Develop monitoring protocols for <u>XX</u> selected imperiled species. [2014]			\$1,600								\$1,600
Objective 8.3 (Core) – Implement monitoring protocols for <u>XX</u> imperiled species. [2015-2021]				\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$3,500
Activity 8.4.1 – Develop an Imperiled Species Wildlife Management Strategy for <u>XX</u> imperiled species. [2014]			\$2,000								\$2,000
Activity 8.4.2 – Omplement an Imperiled Species Wildlife Management Strategy for <u>XX</u> imperiled species. [2014]				\$1,000	\$1,000	\$1,000	\$1,000	\$2,000	\$1,000	\$1,000	\$8,000
<b><i>Resource Management Totals</i></b>	<b>\$30,600</b>	<b>\$37,100</b>	<b>\$33,650</b>	<b>\$31,550</b>	<b>\$31,550</b>	<b>\$31,950</b>	<b>\$31,950</b>	<b>\$32,950</b>	<b>\$31,950</b>	<b>\$31,950</b>	<b>\$325,200</b>



Appendix J  
Budget and Timeline  
General James A. Van Fleet State Trail

<i>Administration &amp; Support</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	TOTALS
Activity 9.1.1 – Continue day to day administrative support at current levels. [2012-2021]	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$50,000
Activity 9.2.2 – Expand administrative support as new lands are acquired, new facilities are developed or as other needs arise. [2012-2021]	Fiscal year to be determined.										\$2,000
Training/Staff Development [2012-2021]	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$3,000
Vehicle Purchase [2013]					\$35,000						\$35,000
Vehicle Operation & Maintenance [2012-2021]	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$10,000
Salaries and Benefits/FTE (1) & OPS [2012-2021]	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000
<b>Administration &amp; Support Totals</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$91,300</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$56,300</b>	<b>\$600,000</b>

<i>Law Enforcement</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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<b>ANNUAL TOTALS</b>	\$863,022	\$154,950	\$151,500	\$149,400	\$184,400	\$149,800	\$149,800	\$150,800	\$149,800	\$149,800	
<b>10-YEAR TOTAL</b>	Note: costs where fiscal year is to be determined are not included in annual costs, but are included in 10-year total.										<b>\$10,105,472</b>

## **Appendix K**

### **Advisory Group and Public Meetings**

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**GENERAL JAMES A. VAN FLEET STATE TRAIL  
2011 MANAGEMENT PLAN ADVISORY COMMITTEE**

Melissa Bruneau  
Florida Trail Association  
Lake Wales, FL 33853

Marian Ryan  
Sierra Club  
Winter Haven, FL 33880

Allen Burdett  
FDEP Southwest District  
Temple Terrace, FL 33637

Carmen Sanders  
Southwest Florida Water  
Management District  
Brooksville, FL 34604

Will Byers  
Polk City, FL 33868

Jim Seymour  
Polk City, FL 33868

Marsha Connell  
Office of Greenways and Trails  
Division of Recreation and Parks  
FL Department of  
Environmental Protection  
Tallahassee, FL 32399-3000

Mickey Thomason  
Division of Recreation and Parks  
Ocala, FL 33470

Buddy Elmore  
Lake Soil and  
Water Conservation District  
Clermont, FL 34711

Joe Tyberghein  
Withlacoochee State Forest  
Brooksville, FL 34601

Dwight Kitchens  
Polk City, FL 33868

Mike Woods  
Lake-Sumter MPO  
Leesburg, FL 34748

Mayor Joe LaCascia  
City of Polk City  
Polk City, FL 33868

Charles McIntire, Manager  
Lake Louisa State Park  
Clermont, FL 34714

Rudy Parker  
Clermont, FL 34714

Commissioner Sean Parks  
Lake County Board of  
County Commissioners  
Tavares, FL 32778

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**General James A. Van Fleet State Trail (VFST) Management Plan  
Public Meeting and Advisory Group Report**

**October 5, 2011**

**Polk City Government Center  
123 Broadway Blvd., SE  
Polk City, FL**

**Note:** This is a summary, and not an actual transcript, of the meetings. Items are not necessarily presented in the order of discussion.

**Public Meeting Attendees:**

Allen Burdett, FDEP Southwest District	Marsha Connell, OGT Regional Coordinator
Charles McIntire, Manager, Lake Louisa State Park	Melissa Bureau, Florida Trail Association and Advisory Group Member
David Waldrop, Florida Trail Association	Michael Armstrong, Polk City
Dwight Kitchens, Advisory Group Member	Mickey Thomason, OGT
Gail Funk, Polk City	Rachel Payne, Lake Louisa State Park
Gaye Sharpe, Environmental Lands Coordinator Polk County Parks & Natural Resources	Robert Yero, Assistant Bureau Chief, District 3
Guy Markley, Polk City	Rudy Parker, Advisory Group Member
Joe LaCascia, Mayor of Polk City	Sean Parks, Lake County Commissioner
John D. Jowes, Sr. CAP Patrol, Auburndale	Trudy Block, Polk City Vice Mayor
Larry Fooks, DRP District 3 Bureau Chief	Will Byer, Advisory Group Member

The Public Meeting began at 10:00 a.m., with 20 people in attendance. Marsha Connell, Regional Coordinator with the Office of Greenways and Trails (OGT), opened the meeting by welcoming those in attendance and thanking them for their participation. After housekeeping announcements, attendees introduced themselves.

Ms. Connell informed the group that OGT merged with the Florida Department of Environmental Protection's Division of Recreation and Parks (DRP) as of July 1. She further stated that as part of that merger, management oversight for the Van Fleet State Trail (VFST) will shift to Lake Louisa State Park and DRP District 3 effective November 1, and that the management plan would be modified to reflect this change. Attendees were notified that a conference call would be held the following afternoon wherein Donald Forgione, DRP Director, and Jim Wood, Chief of OGT, would provide an update on the merger and the public would be given an opportunity to ask questions. Instructions for participating in that call were made available.

Ms. Connell presented a Power Point presentation regarding the VFST and the draft management plan. There were a few general questions and comments from the audience during the presentation. General comments, which do not require changes to the plan, included:

- Trudy Block asked that Polk City be made aware of updates regarding the trail, and indicated that notices could be sent out with electrical bills when appropriate.
- Dwight Kitchens stated he would like to see repaving south of Green Pond Road happen sooner rather than later, and added that ditch-witching of the roots causing problems should be done.
- Dwight Kitchens would like the trail blown off weekly.
- Dwight Kitchens would like volunteers to be able to access the trail by vehicle when performing maintenance of trail facilities, and to have a sign that permits motorized vehicle access for that purpose.

**General James A. Van Fleet State Trail (VFST) Management Plan  
Public Meeting and Advisory Group Report  
Page 2**

- Dwight Kitchens stated a need to ensure that Google Maps is always made aware of newly paved trails to keep the maps up-to-date.
  - DRP should ensure that bathrooms remain unlocked.
- 

The Management Plan Advisory Group meeting began at 1:30 p.m., with 14 people in attendance.

**Advisory Group Meeting Attendees:**

Allen Burdett, FDEP Southwest District	Marsha Connell, OGT Regional Coordinator
Charles McIntire, Manager, Lake Louisa State Park	Mickey Thomason, OGT
David Waldrop, Florida Trail Association	Rachel Payne, Lake Louisa State Park
Dwight Kitchens, Advisory Group Member	Robert Yero, Assistant Bureau Chief, District 3
Joe LaCascia, Mayor of Polk City	Rudy Parker, Advisory Group Member
Larry Fooks, DRP District 3 Bureau Chief	Sean Parks, Lake County Commissioner
Marian Ryan, Sierra Club	Will Byer, Advisory Group Member

**Advisory Group Members Absent:**

Buddy Elmore, Lake Soil & Water Conservation District	Jim Seymour, Polk City
Carmen Sanders, Southwest Florida Water Management District	Joe Tyberghein, Withlacoochee Forestry Center
	Mike Woods, Lake-Sumter MPO

Marsha Connell called the meeting to order at 1:30 p.m., and thanked advisory group members for their service.

Ms. Connell again informed the group that OGT merged with the Florida Department of Environmental Protection's (FDEP) Division of Recreation and Parks (DRP) as of July 1. She further stated that as part of that merger, management oversight for the Van Fleet State Trail (VFST) will shift to Lake Louisa State Park and DRP District 3 effective November 1, and that the management plan would be modified to reflect this change. Attendees were notified that a conference call would be held the following afternoon wherein Donald Forgione, DRP Director, and Jim Wood, Chief of OGT, would provide an update on the merger and the public would be given an opportunity to ask questions. Instructions for participating in that call were made available.

Ms. Connell shared comments submitted prior to the meeting by Advisory Group member Joe Tyberghein, which was followed by each Advisory Group member present providing their comments. A summary of the comments and any action taken are as follows:

Joe Tyberghein – Mr. Tyberghein's written comments stated the plan is all encompassing, and expressed support for the proposed improvements at Bay Lake Trailhead and the restroom facility north of Polk City. He further stated the trail is a valuable recreational venue to the Richloam Tract of the Withlacoochee Forestry Center.

**General James A. Van Fleet State Trail (VFST) Management Plan  
Public Meeting and Advisory Group Report  
Page 3**

Allen Burdett – Mr. Burdett shared information about the hydrology in the area, and the work of the Southwest Florida Water Management District (SWFWMD) and the FDEP. Mr. Burdett provided written comments relating to hydrology issues prior to the meeting, and these comments were provided to advisory group members. Most of these comments simply expanded the narrative already in place and will be incorporated into the plan. The written comments included a recommendation to replace a culvert across a private drive. In discussion, Mr. Burdett further discussed his concern about the culverts in the Progress Energy easement and the need for them to be cleaned and some replaced. Ms. Ryan echoed this concern. The consensus was that activities to be conducted by private landowners should not be added to the plan. However, Mr. Burdett and the Chuck McIntire will work closely on hydrological issues within the corridor and interact with adjacent landowners as appropriate. Towards that end, Activity 3.1.1 was modified to include private interests, as follows:

- Activity 3.1.1 – Work with the Southwest Florida Water Management District, the Department of Environmental Protection’s Watershed Management Office, ~~and other agencies~~ and private interests on hydrological issues within the trail corridor, as necessary. [2012-2013]

Dan Cleary stated that all of the culverts needed to be cleared so that they can be seen. Changes to the plan will be made to reflect that culverts are to be maintained at all times, as follows:

- Activity 3.2.3 – Maintain culverts and bridges along the trail corridor. ~~Culverts will be inspected every two years.~~ [2012-2022]
- ~~Activity 3.2.4 – Apply herbicides twice a year, once in the spring and once in the fall. [2012-2022]~~

Sean Parks – Commissioner Parks informed the group that the right-of-way acquisition has been accelerated and is currently under way for the section of the South Lake Trail from Clermont to Groveland with construction funded in FY12/13. The South Lake Trail is a planned 22.6 mile shared-use trail, of which nine miles are complete. Ultimately, the South Lake Trail will provide a key connection between the existing 29.2 mile Van Fleet State Trail and the 19 mile West Orange Trail. Commissioner Parks stated that he supports the improvements to the Bay Lake Trailhead.

Rudy Parker – Mr. Parker said he visited the VFST to provide comments from an equestrian perspective. He stated that the equestrian parking at Mabel is adequate and the corrals had water but the spigot was not turned on. He stated that there are a lot of gopher tortoise holes and snakes, and bridges are scary for horses. He added that the equestrian trail needed mowing. Overall, Mr. Parker felt that the VFST is not a horse friendly trail. Mr. Thomason noted that the rocks along the trail are also an impediment, and that equestrians in general prefer large blocks of land, so most equestrians in the area go to Lake Louisa State Park. Mr. Thomason further stated that low usage is most likely the reason the water spigots were not on.

Marian Ryan – Ms. Ryan stated that Activity 5.2.4 should be revised to include education for adjacent landowners and to clarify the removal of EPPC Category I and II exotic plant species. This activity will be modified as follows:

- ~~Activity 5.2.4 – Coordinate with adjacent landowners to minimize planting of exotic vegetation.~~
- Activity 5.2.4 – Provide educational materials to and coordinate with adjacent landowners in the removal or reduction in EPPC Category I and Category II exotic plant species.

**General James A. Van Fleet State Trail (VFST) Management Plan  
Public Meeting and Advisory Group Report  
Page 4**

Dan Cleary – Mr. Cleary stated that the language on page 19 concerning capital facilities should reflect two restrooms. Ms. Connell stated that the omission of the second restroom was due to how facilities are counted. One restroom is counted as part of the Bay Lake Trailhead and one is counted as its own facility because of its location outside of a trailhead. To avoid confusion, the language under the Capital Facilities and Infrastructure heading will be deleted.

~~Facilities include four trailheads (Mabel, Bay Lake, Green Pond and Polk City) and one proposed vault restroom to be located one-half mile north of the Polk City Trailhead.~~

Mr. Cleary stated that a sign should be erected north of Green Pond Road to let trail users know there is no cell phone service beyond that point.

Dwight Kitchens – Mr. Kitchens noted that the termination date of the sublease for the Polk City Skate Park occurs after the termination date for the main lease of the VFST corridor. Ms. Connell stated that the sublease cannot extend beyond the termination date of the parent lease. Therefore, the sublease will also be up for renewal in 2041, and not 2059 as indicated in paragraph 3. of the sublease. This shift of the termination date to 2041 can be accomplished under the provisions of Paragraph 5. of the sublease which states that the sublease shall conform to all terms and conditions of the lease. The management plan will be revised to state that Polk City was issued a “long-term sublease” rather than a 50-year sublease.

Melissa Bruneau – Ms. Bruneau stated that the VFST is excellent on foot, and the markers are easy to follow. She said she would like to see night time riding allowed because it is a great experience, and it would help reduce vandalism. She further offered that a permit program could be implemented that provides user education regarding basic safety equipment and etiquette, and the permit could be revoked for gross violations. It was noted that there is already a process in place for permits to be issued for organized rides. As an individual, Mr. McIntire suggested that Ms. Bruneau sign up as volunteer for the trail.

Will Byers – Mr. Byers discussed the new 9-1-1 Trailways Addressing Program that was implemented in Hillsborough County, and said there is a need to implement a similar system on the VFST. Looking at the feasibility of implementing a similar system will be added to the safety section of the plan.

Marsha Connell closed the meeting by again thanking the Advisory Group for their participation.

-----  
Additional comments received via email outside of the public meeting include:

Mike Woods, Lake-Sumter MPO and Advisory Group Member - Mr. Woods stated that the Trail is suitable for equestrian use, and that the Trail is generally well maintained with adequate clear zones, trail widths and signing. Mr. Woods stated that State Park intersection signing does not follow Lake County intersection signing standards. Mr. Woods stated that the one roadway crossing in Lake County does not have roadway signing or pavement markings. The trail has a stop sign. He recommends a minimum of installing a W11-1 with W16-7P sign combination, D11-1 with M7-5 sign combination and W11-1 with W16-9P sign combination at Bay Lake Road and providing roadway “TRAIL XING” pavement markings on the westbound roadway approach. Road signing will be part of the Bay Lake Trailhead improvements.

**General James A. Van Fleet State Trail (VFST) Management Plan  
Public Meeting and Advisory Group Report  
Page 5**

George Butz: - Mr. Butz stated the plan is a great document, and he loves the trail. He said the Polk City restroom is sorely needed. Mr. Butz noted a long term plan for repaving the trail, and stated that he would like to see the area of the trail south of Green Pond that is damaged by tree roots fixed. Mr. Butz stated that he found it interesting that climate data for Winter Haven was used. Mr. Butz complimented the good work of the Trail staff

Michael Armstrong: - Mr. Armstrong asked if there should be a discussion of the rail study that will soon be underway, and the possible conversion of the rail corridor back to railroad. Ms. Connell replied that this would not be appropriate at this time.

-End of Report-

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**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF RECREATION AND PARKS  
OFFICE OF GREENWAYS AND TRAILS**

**ANNOUNCES  
MEETINGS RELATED TO THE UPDATE OF THE  
LAND MANAGEMENT PLAN FOR THE**

# **GENERAL JAMES A. VAN FLEET STATE TRAIL**



Photo by John Moran

**Wednesday, October 5, 2011  
10:00 a.m. – 12:00 p.m. Public Meeting  
1:30 – 3:30 p.m. Advisory Group Meeting**

**Polk City Government Center  
123 Broadway Blvd SE  
Polk City, FL 33868**

For more information, call (850) 245-2052.  
To view a copy of the draft proposed plan, visit [www.floridagreenwaysandtrails.com](http://www.floridagreenwaysandtrails.com).

Written comments must be received by October 3, 2011.  
Office of Greenways and Trails, 3900 Commonwealth Blvd., MS 795, Tallahassee, FL 32399-3000  
Email: [Marsha.Connell@dep.state.fl.us](mailto:Marsha.Connell@dep.state.fl.us)



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## AGENDA

### GENERAL JAMES A. VAN FLEET STATE TRAIL MANAGEMENT PLAN PUBLIC MEETING

#### This Meeting is Open to the Public

Date: Wednesday, October 5, 2011

Time: 10:00 a.m. – 12:00 p.m.

Location: Polk City Government Center  
123 Broadway Blvd., SE  
Polk City, FL 33868

Purpose: To receive input from the Public on the Draft General James A. Van Fleet State Trail (VFST) Management Plan.

Pursuant to Ch 259.032(10)(b), F.S., individual management plans required by Ch. 253.04(5), F.S., for parcels over 160 acres, shall be developed with input from an advisory group (MPAG) and from both public and private stakeholders. The Draft VFST Management Plan was developed based on the statutes and rules governing the program under which the Trail was acquired, and will be updated based on input from the MPAG and public comments received during the review period.

- 1) Welcome
- 2) Introductions
- 3) Presentation of the draft update to the VFST Management Plan
- 4) Public Comment
- 5) Summary
- 6) Adjournment

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## AGENDA

### GENERAL JAMES A. VAN FLEET STATE TRAIL MANAGEMENT PLAN ADVISORY GROUP MEETING

#### This Meeting is Open to the Public

Date: Wednesday, October 5, 2011

Time: 1:30 - 3:30 p.m.

Location: Polk City Government Center  
123 Broadway Blvd., SE  
Polk City, FL 33868

Purpose: To receive input from the General James A. Van Fleet State Trail (VFST) Management Plan Advisory Committee (MPAG).

Pursuant to Ch 259.032(10)(b), F.S., individual management plans required by Ch. 253.04(5), F.S., for parcels over 160 acres, shall be developed with input from an advisory group and from both public and private stakeholders. The Draft VFST Management Plan was developed based on the statutes and rules governing the program under which the Trail was acquired, and will be updated based on input from the MPAG and public comments received during the review period.

- 1) Welcome
- 2) Introductions
- 3) Presentation of the draft update to the VFST Management Plan
- 4) Discussion and Recommendations
- 5) Review comments received from the Public
- 6) Summary
- 7) Adjournment

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For more information, you may contact: Venkata Panchakarla, Bureau of Water Facilities Funding, 2600 Blair Stone Road, Mail Station #3505, Tallahassee, Florida 32399-2400, by phone: (850)245-8366 or by e-mail: Venkata.Panchakarla@dep.state.fl.us.

The State of Florida **Department of Environmental Protection, Division of Recreation and Parks**, Office of Greenways and Trails announces a public meeting to which all persons are invited.

DATE AND TIMES: October 5, 2011, 10:00 a.m. – 12:00 Noon; 1:30 p.m. – 3:30 p.m.

PLACE: Polk City Government Center, 123 Broadway Boulevard, S.E., Polk City, Florida 33868

**GENERAL SUBJECT MATTER TO BE CONSIDERED:** These meetings are to receive and review public comments on the proposed draft update to the General James A. Van Fleet State Trail management plan. The first meeting will provide an opportunity for public comment on the proposed draft update to the management plan.

Comments may be presented verbally or in writing at the meeting. Written comments may also be submitted, but must be received 24 hours prior to the meeting. Written comments submitted prior to the meeting should be sent to: Marsha Connell, Office of Greenways and Trails, Division of Recreation and Parks, State of Florida, Department of Environmental Protection, 3900 Commonwealth Boulevard, MS #795, Tallahassee, Florida 32399-3000 or by email: Marsha.Connell@dep.state.fl.us. During the second meeting, the Management Plan Advisory Group will review public comments received and provide recommendations regarding items for inclusion in the management plan.

A copy of the agenda may be obtained by contacting: Marsha Connell, Office of Greenways and Trails, Division of Recreation and Parks, State of Florida Department of Environmental Protection, 3900 Commonwealth Boulevard, MS #795, Tallahassee, Florida 32399-3000, (850)245-2052, email: Marsha.Connell@dep.state.fl.us.

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 48 hours before the workshop/meeting by contacting: Marsha Connell at (850)245-2052. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

For more information, you may contact: Marsha Connell.

## DEPARTMENT OF HEALTH

The Probable Cause Panel of the **Board of Massage Therapy** announces a telephone conference call to which all persons are invited.

DATE AND TIME: Tuesday, October 11, 2011, 2:45 p.m. or shortly thereafter

PLACE: Conference Call: 1(888)808-6959, Conference Code: 2454590

**GENERAL SUBJECT MATTER TO BE CONSIDERED:** To review those cases on which a determination of existence of probable cause has already been made.

A copy of the agenda may be obtained by contacting: Anthony Jusevitch, Executive Director at (850)245-4161 or 4052 Bald Cypress Way, #C-06, Tallahassee, FL 32399.

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 5 days before the workshop/meeting by contacting: Paula Mask at (850)245-4161. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

If any person decides to appeal any decision made by the Board with respect to any matter considered at this meeting or hearing, he/she will need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence from which the appeal is to be issued.

The Florida **Board of Nursing**, Central Probable Cause Panel announces a telephone conference call to which all persons are invited.

DATE AND TIME: September 22, 2011, 2:30 p.m.

PLACE: Department of Health, Tallahassee at Meet Me Number: 1(888)808-6959, Code: 0109310

**GENERAL SUBJECT MATTER TO BE CONSIDERED:** For cases previously heard by the panel.

A copy of the agenda may be obtained by contacting: Joe Baker Jr., Executive Director, 4052 Bald Cypress Way, Bin #C02, Tallahassee, FL 32399-3257.

If any person decides to appeal any decision made by the Board with respect to any matter considered at this meeting or hearing, he/she will need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence from which the appeal is to be issued.

The **Board of Nursing and Council on Certified Nursing Assistants** announces a public meeting to which all persons are invited.

DATES AND TIMES: Wednesday-Friday, October 5, 6, 7, 2011

PLACE: Embassy Suites Jacksonville Baymeadows, 9300 Baymeadows Rd., Jacksonville, FL 32256, (904)731-3555

**GENERAL SUBJECT MATTER TO BE CONSIDERED:**

Wednesday, 8:30 a.m. CNA Council meets to discuss general business.

Wednesday, 2:00 p.m. Credentials Committee.

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CLERMONT

### LSCC to offer home health aid, nursing assistant classes

Lake Sumter Community College will offer its certified nursing assistant and home health aid programs at two locations, during day and evening hours.

The certified nursing assistant class will begin Oct. 7 at LSCC's South Lake Campus in Clermont.

The class meets from 5:15 to 9:15 p.m. Classes meet Mondays through Thursdays until Dec. 6.

The CNA curriculum includes procedures for caring for patients; basic anatomy and physiology; age-related changes in the body; first aid; HIV/AIDS; computer training; domestic violence and CPR.

Current certified nursing assistants needing to supplement their training to work in home health services can take the 20-hour required home health aide class at the South Lake campus from 9 a.m. to 3 p.m. during the week of Sept. 26.

Curriculum covers topics such as the aide's role in the home, differences in families, and food and household management.

Cost of the course is \$99. Students who wish to complete training to become both a certified nursing assistant and a home health aide will want to enroll in the combined course.

Evening classes on the South Lake Campus begin Oct. 7 and meet from 5:15 to 9:15 p.m.

Cost is \$99. For information call 352-363-3556.

CROVELAND

### Habitat for Humanity to open new store

Habitat for Humanity of Lake-Sumter opened a new store Thursday at 205 Woodfield Court, Groveland.

Store hours will be 10 a.m. to 4 p.m., Mondays through Fridays, and 9 a.m. to 3 p.m. Saturdays.

Grand opening will be held at 10 a.m., Oct. 21, with local community leaders and the general public invited to attend.

Donations of used furniture, building materials, clothes, electronics, and boutique items are always accepted.

Call 352-429-9032, or email grovelandstore@habitat-lake-sumter.org.

For information call Rick Wortham, Habitat project manager, at 352-483-6434, ext. 22.



The new Habitat for Humanity store in Groveland is in this group of stores at 205 Woodfield Court. COURTESY PHOTO

CLERMONT

### Munchel Brothers Jewelry adds new laser system

Munchel, owner.

The new laser, which will be located at the Clermont store, will moon same-day service for Clermont residents, as well as the ability to arrive customers of the Lakeland and Wesley Chapel stores with minimal wait time.

"We are amazed at the wide range of applications and ability to produce a higher quality product in less time with fewer materials," said Munchel.

The new laser will be used to fill porous ring platinum or gold prong settings, repair bezel settings, repair/ring rings and correct manufacturing defects.

Because the best generated remains localized, operators of the laser can handle or fix items with their fingers, welding small areas with pinpoint accuracy without causing any harm to the operator's fingers or hands.

TAVARES

### Economic development team divides county into 3 regions

TERESA CAMPBELL, Staff Writer

teresa.campbell@cityofclermont.com

Lake County's new Office of Economic Development and Tourism — a merger of two departments — believes the best way to help jump-start things here is with a hands-on approach and personal attention.

"We want to provide better service to our existing businesses than we ever have before; get closer to our clients," said Director Scott Blankenship, who announced three economic and tourism coordinators have been selected to serve three microregions within the county called the Northeast, Northwest and Southern regions.

"Instead of all the coordinators working in one building, they have been assigned different geographies throughout the county. This microregion will give them a sense of focus in a particular area and they will get to know it better than we have ever known it before."

"By dedicating an expert to cover each of the three different regions, not only will there be a more hands-on approach to supporting our local businesses, but also better coordination with our municipalities, which creates synergy to economic development initiatives throughout the region," Blankenship said.

Heading up these regions will be:

■ Robert Chandler — Before coming to Lake County, Chandler worked for Flukkind & Associates Inc. in Orlando for the past six years. He has an undergraduate degree in psychology and an MBA from the University of Florida. Chandler will be covering the Northeast Region, which includes Altamira, Howey-in-the-Hills, Essex, Mount Dora, Titusville and



CHANDLER SUMNER SMITH

■ Adam Sumner, CEO — Sumner came to Lake County from the City of Las Vegas Redevelopment Agency, where he worked as a senior economic development officer. He is a certified economic developer and received a B.S. in aviation administration. He will be targeting the

northwest region of the county to include Fruitland Park, Lady Lake and Leesburg.

■ Loretta Smith — Smith joined Lake County after previously working with the city of Tavares Economic Development Agency. She has a master's in public administration. Her focus will be on South Lake, which encompasses Clermont, Groveland, Mascotte, Minneola and Mounts.

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- Small Business Accounting
- Becoming Bankable
- WEB Marketing
- Marketing
- Business Plan Development
- Budget/Pricing
- Trends and Research

WHERE: LSCC's Leesburg Campus Business Resource Center, Bldg. M Executive Conference Room 119 WFLN October 5 through December 7, 2011 6 units 9 p.m. COST: \$83.50 Chamber of Commerce Members \$195.00 Non-Chamber of Commerce Members

CELEBRATING OVER 1,000 GRADUATES!

Planned Speaker: Rick Hays, Entrepreneurial Center, Inc. (Entrepreneurial Center, Inc. is a Chamber of Commerce member)

### The Office of Greenways and Trails,

is the Florida Department of Environmental Protection's Division of Recreation and Parks, announces meetings related to the development of the Lake Management Plan for the General James A. Van Fleet State Trail.

Wednesday, October 5, 2011 10:00 a.m. — 12:00 p.m., Public Meeting 1:30 p.m. — Advisory Group Meeting

City Council Chambers, Polk City Government Center 322 Broadway Blvd SE Polk City, FL 32908

Both meetings are open to the public. Written comments must be received by October 3, 2011; send to Office of Greenways and Trails, 3900 Commonwealth Blvd., MS 795, Tallahassee, FL 32399-3000 or Marsha.Cornell@dep.state.fl.us.

For more information, call (850) 245-2052. To view a copy of the proposed plan, see 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 by October 3, 2011 at (850) 245-2052.

If you are hearing or speech impaired, please contact the agency using the Florida Relay Service at (800) 955-4777; (TDD) or (800) 955-4770; (Voice)

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**The Office of Greenways and Trails,**  
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123 Broadway Blvd SE  
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(TDD) or 1(800) 955-8770 (Voice).

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Failure to respond by Proof Correction Deadline will be deemed as acceptance of ad.

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polk news

polk pulse

readers talk about the news

TUESDAY'S QUESTION: Should TEC proceed with a plan to pump greenhouse gases deep underground?

(472 RESPONSES)

31% YES Yes, only as fast would be against that.

69% NO No, it sounds unsafe, expensive and pointless. The potential for it not working right is high. No, let's just try to mess with Mother Nature. No, it would cause irreparable harm and it would be like what we find that out. No, we shouldn't put our water source at risk that way.

TODAY'S QUESTION: Should gambling assets be allowed in Florida?

STORY 184

Call 201-444-4600-7000 by 5 p.m. when prompted, press 1 for a Yes response, press 2 for a No response.

Polk Pulse is intended to give readers an opportunity to express opinions on a variety of subjects. It is not a scientific poll of community opinion.

fla. lottery

Sept. 20 4 11 43 44 Mega Ball 36

Sept. 14 6 9 18 20 41 45 Mega Ball 31

Sept. 17 1 3 4 12 33 Mega Ball 35

Sept. 14 16 41 42 50 59 Power Ball 60

Sept. 17 6 20 22 41 43 Power Ball 31

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Sept. 17 1 3 4 12 33 Mega Ball 35

Sept. 14 16 41 42 50 59 Power Ball 60

Sept. 17 6 20 22 41 43 Power Ball 31

FSC Lecture Series Begins Thursday

Series kicks off with Abraham Lincoln expert Orville Vernon Burton.

BY MARY TOOTHMAN THE LEDGER

LAKELAND | Florida Southern College is holding its Florida Lecture Series for the 17th year starting Thursday, and the lineup of topics offers a variety of expert speakers for those interested in learning more about Florida culture and life.

The series will kick off with Orville Vernon Burton, author of "The Age of Lincoln: Then and Now."

The programs are free and open to the public. Mike Dem- bieski, chair of the Lecture Series, said they are popular and well-attended.

"We have had growing crowds over the years we have been doing this," he said. "We always have a lot of new people all the time, and we have people who have been with us all the way back to 1995."

Speakers have included Jan- sen, Chesterfield Smith and former Florida Gov. Jeb Bush. "The greatest, most incredibly gracious guy to be with all day long was former governor Claude Kirk," Denham said. "He was amazing."

Thursday night's lecture on Lincoln will be based on nearly a lifetime of research conducted by Burton, who teaches humanities at Southern University.

President Lincoln appealed to Burton as a topic for many reasons, he said. He presents Lincoln in the role of a Southerner who would not let the South go, he said.

"Not only was Lincoln the greatest President, he was the greatest theologian of the century," Denham said. "I think he's incredible. He had his doubts, as we all do."

"His most major contribution was the Declaration of Independence — not our national statement — and he put it into our rule book, that is, the Constitution."

Burton is a native of Nantua, S.C., and a longtime scholar of southern history, the Civil War and the Civil Rights movement. He has a doctorate from Princeton University and was on the faculty at the University of Illinois for more than 33 years. His book about Lincoln was the Chicago Tribune Heartland Literary Award for Nonfiction.

Other speakers in this series are Frank Lanier, author and historian from Duke City, whose paper will be "Soldiers, Senators, and Slavery: Florida and the Second Seminole War" on Oct. 6.

John Anson II, a U.S. District Court Middle District judge, whose topic will be "America's Courts: State and Union," will speak Nov. 17.

A Tallahassee Community College professor, La Victoria, will speak Jan. 18. Her topic will be "Cypress Gardens: America's 'Tropical Wonderland'."

On Feb. 16, Tracy Ann Roberts, a professor at Wake-



BURTON

College will give a lecture on "Southern Paradise: A History of Florida Tourism."

Pulitzer Prize-winning author Isabel Wilkerson will speak on March 29. She is the author of "The Warmth of Other Suns: The Epic Story of America's Great Migration and the Odyssey of George Swanson Sterling." She is a professor at Boston University.

Thursday's lecture will be held at Brannon Auditorium. The location of other upcoming programs are to be announced.

For more information, go to www.floridiansouthhistory.org or call 863-650-3000.

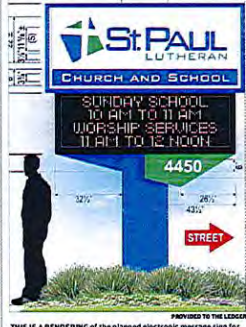
The lectures, which are funded solely on donations, will be held at 7 p.m. and last about an hour.

There will be time allowed for questions and book signings, Denham said.

"The purpose is to bring in people who have an appeal to the general public, who also have great credibility among the academic community," he said.

Mary Toothman can be reached at m.toothman@ledger.com or 863-662-9142.

St. Paul Lutheran Church to Get Electronic Sign



THIS IS A RENDERING OF THE planned electronic sign for St. Paul Lutheran Church.

BY JOHN CHAMBERLAIN THE LEDGER

LAKELAND | It looks like St. Paul Lutheran Church will get its electronic message sign after all.

The Lakeland Planning and Zoning Board voted 7-0 on Tuesday to approve the electronic message sign to be built at the St. Paul campus off Harden Boulevard.

Tuesday's vote trumps one the planning board made earlier this year that turned down the church's request for a sign.

Wedge later, city commissioners rejected an appeal by the church in a 4-3 vote. It made it clear that city officials needed to renew the sign ordinance.

St. Paul houses an elementary and middle school at the church property.

The latest vote came after city commissioners voted to revoke the sign of ordinance to allow electronic message signs at middle schools and high schools that are located across from commercial properties in residential areas. The Elk Lodge is across the street from the school.

The 12-foot sign will have 20 square feet of space to post electronic messages. It should be unveiled early next year at 4430 Harden Blvd., said Ken Walden, a past chairman of St. Paul's properties board.

Dave Munson, chairman of the board for church properties, said he was happy with the decision. "It's a process," Munson said. "My compliments go to the city and council members."

Despite the official change in status, it will still feel like summer here, with predicted high temperatures in the low 90s and a 20 percent chance of rain.

(Local weather online) www.theledger.com

The Office of Greenways and Trails, in the Florida Department of Environmental Protection Division of Recreation and Parks, announces meetings related to the development of the Land Management Plan for the General James A. Van Fleet State Trail.

Wednesday, October 5, 2011 10AM-12PM - Public Meeting 1:30PM - Advisory Group Meeting

City Council Chambers Polk City Government Center 123 Broadway Blvd. SE • Polk City, FL 33868

Both meetings are open to the public. Written comments must be received by October 3, 2011; send to Office of Greenways Trails 3900 Commonwealth Blvd., MS 795 Tallahassee, FL 32399-3000 or Marsha.Cornell@dep.state.fl.us

School District Seeks Second Trophy

Last year's winning word was "brisque," which means an ace or 10 in certain card games.

BY MERISSA GREEN THE LEDGER

HAINES CITY | Bethune Academy music teacher Jen- nifer Fredericks loves to spell out that helped the Polk County School District was a trophy from the READ Polk annual Corporate Spelling Bee last year.

The winning word was "brisque," which means an ace or 10 in certain card games.

Fredericks is hoping her re- cursive appetite for reading, which built up her vocabulary, will help her bring home the trophy for a second year in a row when the event is held again Thursday.

"I'm excited," said Fredericks, who has spent three years on the team. "I'm hoping to represent myself and make the School Board proud."

Fredericks is a part of the School District's Workforce Educators team in the lead. "Once you get past all that, it's just a wonderful cause and good provider for the students at Nora Mayo Hall in Winter

and state Sen. Paula Doody, R-Lakeland, are scheduled to be celebrity bartenders.

Fredericks' team will spell out that helped the Polk County School District was a trophy from the READ Polk annual Corporate Spelling Bee last year.

Some of the companies competing in the spelling competition are Polk County, Florida, Charlene, Moser, Fertilizer, United Way of Central Florida, CFCO, Max Florida Credit Union, PNC, KFC, State Farm Insurance, Winter Haven Hospital, Polk State College, Learning Resources Center, Community Southern Bank and A-C-T of Barrow.

John Sima, senior director of the district's Workforce Education, said he's excited to defend the title for the School District. And he said Fredericks did a wonderful job.

"It is a fun event and there's a lot of camaraderie," Sima said. "Once you get past all that, it's just a wonderful cause and good provider for the students in our community."

e-mail READPolk@tam- pabay.com.

(Merissa Green can be reached at merissa.g@ledger.com or 863-662-7542.)

Advertisement for Dental Associates of Florida, featuring a large 'A' logo and text: 'DENTAL ASSOCIATES OF FLORIDA GRAND OPENING BARTOW LOCATION! 1054 N. Broadway Avenue • 863.533.4444 Opening Soon in Winter Haven 317 Cypress Blvd., near Wal-Mart Supercenter NEW PATIENTS AND EMERGENCIES WELCOME Trey Wadding, D.M.D. | Trey Mueller, D.M.D. | John Carter, D.M.D. Comprehensive Exam D0150 & Full Set of Digital X-Rays D0210 FREE • \$175 VALUE Insurance Filed Fee.

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