

Chipola River Greenway

Land Management Plan
City of Marianna
09/07/21



LAND MANAGEMENT PLAN COMPLIANCE

CHECKLIST

→ Required for State-owned conservation lands over 160 acres ←

Instructions for managers:

Complete each item and fill in the applicable correlating **page numbers and/or appendix** where the item can be found within the land management plan (LMP). If an item does not apply to the subject property, please describe that fact on a correlating page number of the LMP. Do not mark an "N/A" for any items below.

For more information, please visit the stewardship portion of the Division of State Lands' website at: <http://www.dep.state.fl.us/lands/stewardship.htm>.

Section A: Acquisition Information Items

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
1.	The common name of the property.	18-2.018 & 18-2.021	5
2.	The land acquisition program, if any, under which the property was acquired.	18-2.018 & 18-2.021	3
3.	Degree of title interest held by the Board, including reservations and encumbrances such as leases.	18-2.021	5
4.	The legal description and acreage of the property.	18-2.018 & 18-2.021	Appendix F
5.	A map showing the approximate location and boundaries of the property, and the location of any structures or improvements to the property.	18-2.018 & 18-2.021	Appendix A
6.	An assessment as to whether the property, or any portion, should be declared surplus. <i>Provide information regarding assessment and analysis in the plan, and provide corresponding map.</i>	18-2.021	39
7.	Identification of other parcels of land within or immediately adjacent to the property that should be purchased because they are essential to management of the property. <i>Please clearly indicate parcels on a map.</i>	18-2.021	46-48
8.	Identification of adjacent land uses that conflict with the planned use of the property, if any.	18-2.021	16
9.	A statement of the purpose for which the lands were acquired, the projected use or uses as defined in 259.034 and the statutory authority for such use or uses.	259.032(10)	39
10.	Proximity of property to other significant State, local or federal land or water resources.	18-2.021	11-16

Section B: Use Items

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
11.	The designated single use or multiple use management for the property, including use by other managing entities.	18-2.018 & 18-2.021	5,39
12.	A description of past and existing uses, including any unauthorized uses of the property.	18-2.018 & 18-2.021	32-38
13.	A description of alternative or multiple uses of the property considered by the lessee and a statement detailing why such uses were not adopted.	18-2.018	39
14.	A description of the management responsibilities of each entity involved in the property's management and how such responsibilities will be coordinated.	18-2.018	39-51
15.	Include a provision that requires that the managing agency consult with the Division of Historical Resources, Department of State before taking actions that may adversely affect archeological or historical resources.	18-2.021	45
16.	Analysis/description of other managing agencies and private land managers, if any, which could facilitate the restoration or management of the land.	18-2.021	39-50
17.	A determination of the public uses and public access that would be consistent with the purposes for which the lands were acquired.	259.032(10)	39

18.	A finding regarding whether each planned use complies with the 1981 State Lands Management Plan, particularly whether such uses represent "balanced public utilization," specific agency statutory authority and any other legislative or executive directives that constrain the use of such property.	18-2.021	38
19.	Letter of compliance from the local government stating that the LMP is in compliance with the Local Government Comprehensive Plan.	BOT requirement	Appendix D
20.	An assessment of the impact of planned uses on the renewable and non-renewable resources of the property, including soil and water resources, and a detailed description of the specific actions that will be taken to protect, enhance and conserve these resources and to compensate/mitigate damage caused by such uses, including a description of how the manager plans to control and prevent soil erosion and soil or water contamination.	18-2.018 & 18-2.021	18-22 39-40
21.	*For managed areas larger than 1,000 acres, an analysis of the multiple-use potential of the property which shall include the potential of the property to generate revenues to enhance the management of the property provided that no lease, easement, or license for such revenue-generating use shall be entered into if the granting of such lease, easement or license would adversely affect the tax exemption of the interest on any revenue bonds issued to fund the acquisition of the affected lands from gross income for federal income tax purposes, pursuant to Internal Revenue Service regulations.	18-2.021 & 253.036	n/a
22.	If the lead managing agency determines that timber resource management is not in conflict with the primary management objectives of the managed area, a component or section, prepared by a qualified professional forester, that assesses the feasibility of managing timber resources pursuant to section 253.036, F.S.	18-021	n/a
23.	A statement regarding incompatible use in reference to Ch. 253.034(10).	253.034(10)	16

*The following taken from 253.034(10) is not a land management plan requirement; however, it should be considered when developing a land management plan: The following additional uses of conservation lands acquired pursuant to the Florida Forever program and other state-funded conservation land purchase programs shall be authorized, upon a finding by the Board of Trustees, if they meet the criteria specified in paragraphs (a)-(e): water resource development projects, water supply development projects, storm-water management projects, linear facilities and sustainable agriculture and forestry. Such additional uses are authorized where: (a) Not inconsistent with the management plan for such lands; (b) Compatible with the natural ecosystem and resource values of such lands; (c) The proposed use is appropriately located on such lands and where due consideration is given to the use of other available lands; (d) The using entity reasonably compensates the titleholder for such use based upon an appropriate measure of value; and (e) The use is consistent with the public interest.

Section C: Public Involvement Items

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
24.	A statement concerning the extent of public involvement and local government participation in the development of the plan, if any.	18-2.021	17,41 Appendix E
25.	The management prospectus required pursuant to paragraph (9)(d) shall be available to the public for a period of 30 days prior to the public hearing.	259.032(10)	17,41 Appendix E
26.	LMPs and LMP updates for parcels over 160 acres shall be developed with input from an advisory group who must conduct at least one public hearing within the county in which the parcel or project is located. <i>Include the advisory group members and their affiliations, as well as the date and location of the advisory group meeting.</i>	259.032(10)	41 Appendix E
27.	Summary of comments and concerns expressed by the advisory group for parcels over 160 acres	18-2.021	Appendix E
28.	During plan development, at least one public hearing shall be held in each affected county. Notice of such public hearing shall be posted on the parcel or project designated for management, advertised in a paper of general circulation, and announced at a scheduled meeting of the local governing body before the actual public hearing. <i>Include a copy of each County's advertisements and announcements (meeting minutes will suffice to indicate an announcement) in the management plan.</i>	253.034(5) & 259.032(10)	Appendix E
29.	The manager shall consider the findings and recommendations of the land management review team in finalizing the required 10-year update of its management plan. <i>Include manager's replies to the team's findings and recommendations.</i>	259.036	Appendix E

30.	Summary of comments and concerns expressed by the management review team, if required by Section 259.036, F.S.	18-2.021	Appendix E
31.	If manager is not in agreement with the management review team's findings and recommendations in finalizing the required 10-year update of its management plan, the managing agency should explain why they disagree with the findings or recommendations.	259.036	n/a

Section D: Natural Resources

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
32.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding soil types. <i>Use brief descriptions and include USDA maps when available.</i>	18-2.021	18-20
33.	Insert FNAI based natural community maps when available.	ARC consensus	Appendix B
34.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding outstanding native landscapes containing relatively unaltered flora, fauna and geological conditions.	18-2.021	Appendix B 20-23
35.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding unique natural features and/or resources including but not limited to virgin timber stands, scenic vistas, natural rivers and streams, coral reefs, natural springs, caverns and large sinkholes.	18-2.018 & 18-2.021	27-25,28-30
36.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding beaches and dunes.	18-2.021	26
37.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding mineral resources, such as oil, gas and phosphate, etc.	18-2.018 & 18-2.021	17
38.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding fish and wildlife, both game and non-game, and their habitat.	18-2.018 & 18-2.021	23-24
39.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding State and Federally listed endangered or threatened species and their habitat.	18-2.021	23-24
40.	The identification of resources on the property that are listed in the Natural Areas Inventory. <i>Include letter from FNAI or consultant where appropriate.</i>	18-2.021	Appendix B
41.	Specific description of how the managing agency plans to identify, locate, protect and preserve or otherwise use fragile, nonrenewable natural and cultural resources.	259.032(10)	51-56
42.	Habitat Restoration and Improvement		41-42
42-A.	Describe management needs, problems and a desired outcome and the key management activities necessary to achieve the enhancement, protection and preservation of restored habitats and enhance the natural, historical and archeological resources and their values for which the lands were acquired.	259.032(10) & 253.034(5) ↓	41-42
42-B.	Provide a detailed description of both short (2-year planning period) and long-term (10-year planning period) management goals, and a priority schedule based on the purposes for which the lands were acquired and include a timeline for completion.		51-52
42-C.	The associated measurable objectives to achieve the goals.		51-52
42-D.	The related activities that are to be performed to meet the land management objectives and their associated measures. <i>Include fire management plans - they can be in plan body or an appendix.</i>		52
42-E.	A detailed expense and manpower budget in order to provide a management tool that facilitates development of performance measures, including recommendations for cost-effective methods of accomplishing those activities.		Table 2 : 50-51 Table 3: 56-58
43.	***Quantitative data description of the land regarding an inventory of forest and other natural resources and associated acreage. <i>See footnote.</i>	253.034(5)	Appendix B & H

44.	Sustainable Forest Management, including implementation of prescribed fire management	18-2.021, 253.034(5) & 259.032(10) ↓	24, 44-45
44-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		44-45
44-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		51-55
44-C.	Measurable objectives (see requirement for #42-C).		51-55
44-D.	Related activities (see requirement for #42-D).		44-45
44-E.	Budgets (see requirement for #42-E).		56-58,62
45.	Imperiled species, habitat maintenance, enhancement, restoration or population restoration	259.032(10) & 253.034(5) ↓	41-42
45-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		41-42
45-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		51-52
45-C.	Measurable objectives (see requirement for #42-C).		51-52
45-D.	Related activities (see requirement for #42-D).		41-42
45-E.	Budgets (see requirement for #42-E).		56-58
46.	***Quantitative data description of the land regarding an inventory of exotic and invasive plants and associated acreage. See footnote.	253.034(5)	Appendix B & H
47.	Place the Arthropod Control Plan in an appendix. If one does not exist, provide a statement as to what arrangement exists between the local mosquito control district and the management unit.	BOT requirement via lease language	49
48.	Exotic and invasive species maintenance and control	259.032(10) & 253.034(5) ↓	43
48-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		43
48-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		54-55
48-C.	Measurable objectives (see requirement for #42-C).		54-55
48-D.	Related activities (see requirement for #42-D).		43
48-E.	Budgets (see requirement for #42-E).		56-58

Section E: Water Resources

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
49.	A statement as to whether the property is within and/or adjacent to an aquatic preserve or a designated area of critical state concern or an area under study for such designation. If yes, provide a list of the appropriate managing agencies that have been notified of the proposed plan.	18-2.018 & 18-2.021	18
50.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding water resources, including water classification for each water body and the identification of any such water body that is designated as an Outstanding Florida Water under Rule 62-302.700, F.A.C.	18-2.021	25-28
51.	Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding swamps, marshes and other wetlands.	18-2.021	26-28
52.	***Quantitative description of the land regarding an inventory of hydrological features and associated acreage. See footnote.	253.034(5)	Appendix A, H & B
53.	Hydrological Preservation and Restoration	259.032(10) & 253.034(5) ↓	
53-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		25-28
53-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		54-55

53-C.	Measurable objectives (see requirement for #42-C).	54-55
53-D.	Related activities (see requirement for #42-D).	25-28
53-E.	Budgets (see requirement for #42-E).	56-58

Section F: Historical, Archeological and Cultural Resources

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
54.	**Location and description of known and reasonably identifiable renewable and non-renewable resources of the property regarding archeological and historical resources. <i>Include maps of all cultural resources except Native American sites, unless such sites are major points of interest that are open to public visitation.</i>	18-2.018, 18-2.021 & per DHR's request	28-30 & 45
55.	***Quantitative data description of the land regarding an inventory of significant land, cultural or historical features and associated acreage.	253.034(5)	Appendix C
56.	A description of actions the agency plans to take to locate and identify unknown resources such as surveys of unknown archeological and historical resources.	18-2.021	28-30 & 45
57.	Cultural and Historical Resources	259.032(10) & 253.034(5) ↓	28-30 & 45
57-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		28-30
57-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		55-56
57-C.	Measurable objectives (see requirement for #42-C).		55-56
57-D.	Related activities (see requirement for #42-D)		45
57-E.	Budgets (see requirement for #42-E)		56-58

**While maps of Native American sites should not be included in the body of the management plan, the DSL urges each managing agency to provide such information to the Division of Historical Resources for inclusion in their proprietary database. This information should be available for access to new managers to assist them in developing, implementing and coordinating their management activities.

Section G: Facilities (Infrastructure, Access, Recreation)

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
58.	***Quantitative data description of the land regarding an inventory of infrastructure and associated acreage. <i>See footnote.</i>	253.034(5)	Appendix K
59.	Capital Facilities and Infrastructure	259.032(10) & 253.034(5) ↓	45-46
59-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		45-46
59-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		55
59-C.	Measurable objectives (see requirement for #42-C).		55
59-D.	Related activities (see requirement for #42-D).		45-46
59-E.	Budgets (see requirement for #42-E).		56-58
60.	*** Quantitative data description of the land regarding an inventory of recreational facilities and associated acreage.	253.034(5)	Appendix K
61.	Public Access and Recreational Opportunities	259.032(10) & 253.034(5) ↓	43-44
61-A.	Management needs, problems and a desired outcome (see requirement for # 42-A).		43-44
61-B.	Detailed description of both short and long-term management goals (see requirement for # 42-B).		55-56
61-C.	Measurable objectives (see requirement for #42-C).		55-56
61-D.	Related activities (see requirement for #42-D).		43-44
61-E.	Budgets (see requirement for #42-E).		56-58

Section H: Other/ Managing Agency Tools

Item #	Requirement	Statute/Rule	Page Numbers and/or Appendix
62.	Place this LMP Compliance Checklist at the front of the plan.	ARC and managing agency consensus	
63.	Place the Executive Summary at the front of the LMP. Include a physical description of the land.	ARC and 253.034(5)	
64.	If this LMP is a 10-year update, note the accomplishments since the drafting of the last LMP set forth in an organized (categories or bullets) format.	ARC consensus	61-62
65.	Key management activities necessary to achieve the desired outcomes regarding other appropriate resource management.	259.032(10)	59-61
66.	Summary budget for the scheduled land management activities of the LMP including any potential fees anticipated from public or private entities for projects to offset adverse impacts to imperiled species or such habitat, which fees shall be used to restore, manage, enhance, repopulate, or acquire imperiled species habitat for lands that have or are anticipated to have imperiled species or such habitat onsite. The summary budget shall be prepared in such a manner that it facilitates computing an aggregate of land management costs for all state-managed lands using the categories described in s. 259.037(3) which are resource management, administration, support, capital improvements, recreation visitor services, law enforcement activities.	253.034(5)	56-58
67.	Cost estimate for conducting other management activities which would enhance the natural resource value or public recreation value for which the lands were acquired, include recommendations for cost-effective methods in accomplishing those activities.	259.032(10)	56-58
68.	A statement of gross income generated, net income and expenses.	18-2.018	62

*** = The referenced inventories shall be of such detail that objective measures and benchmarks can be established for each tract of land and monitored during the lifetime of the plan. All quantitative data collected shall be aggregated, standardized, collected, and presented in an electronic format to allow for uniform management reporting and analysis. The information collected by the DEP pursuant to s. 253.0325(2) shall be available to the land manager and his or her assignee.

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Introduction and General Information

Common Name of Property: *Chipola River Greenway*

Individual Properties Known As:

**Hinson Conservation and
Recreation Area**

Hinson Property

Butler Recreation Area

Florida Public Utilities Property
(FPU)

Surgnier Property

Butler Property

Gateway Overlook

Southtrust Property

All of the above referenced properties are currently under the ownership of the Board of Trustees of the Internal Improvement Trust Fund. (Parcel identification numbers: 15-4N-10-0000-0030-0010, 15-4N-10-00000030-0000, 10-4N-10-0000-0580-0000, 03-4N-10-0000-0620-0000, 02-4N-10-0000-0250-0030, 02-4N-10-0000-0120-0000, 03-4N-100000-0010-0000, 34-5N-10-0000-0010-0000, and 34-5N-10-03610070-0000).

Use: Multiple

Executive Summary: The Chipola River Greenway Land Management Plan is a living document designed to ensure resources are allocated and appropriated in a manner that guarantees State conservation lands balance conservation and public access.

Goals:

1. Provide public access and passive recreation at the Chipola River Greenway.
2. Protect the habitats located on the Chipola River Greenway.
3. Protect cultural resources on the Chipola River Greenway.
4. Protect natural resources on the Chipola River Greenway.
5. Encourage ecotourism in Marianna, Jackson County and the State of Florida.
6. Educate the public on the importance of conservation.
7. Control exotic and invasive species on the Chipola River Greenway.

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- 8.** Improve quality of life for the public.
- 9.** Restore and rebuild habitats damaged by Hurricane Michael.

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“The fundamental idea behind the parks is native. It is, in brief, that the country belongs to the people, that it is in process of making for the enrichment of the lives of all of us. The parks stand as the outward symbol of the great human principle.” —
Franklin D. Roosevelt



Hinson Conservation and Recreation Area

The City of Marianna is located in an area of abundant natural resources. It is for this reason that it is imperative for the City to progressively manage the parcels that make up the Chipola River Greenway. The greenway is located on the western side of the Chipola River, an Outstanding Florida Waterway that has been identified as impaired due to

excessive nutrients. Currently, the five parcels that make up the Chipola River Greenway have approximately 19 miles of Chipola River

frontage and consists of approximately 295 acres of conservation land. The Chipola River Greenway parcels extend from the northern to the southern city boundaries. The beauty of the parcels is often noted by visitors. However, it is the unique and varied habitats that create the environment loved by all.



*Bird Watching at
Hinson
Conservation
and Recreation
Area*

Hinson Conservation and Recreation Area is the southernmost park within the Chipola River Greenway. Visitors enjoy hiking, biking, horseback riding, paddling, non-motorized boating, fishing, swimming, scuba diving and picnicking. The park features diverse terrain, plant and animal habitats. The four-mile trail provides hikers the opportunity to enhance fitness while enjoying the beautiful natural surroundings. Hikers can choose from cross



*Educational
Opportunities
at Hinson Conservation
and Recreation Area*

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trails to vary the length of their experience. The terrain fluctuates from meadows, hilly forests, and rocky ledges. The trail meanders around caves, sink holes, a spring, a railroad trestle, an old railroad track and a camp house.

The tranquility of the park's beautiful and rare species of animal and plant life enhance the senses and revive the soul. Regardless of the season there are many wildflowers in bloom to provide photo opportunities during the visit. It is common for visitors to see wildlife and rare bird species.



*Community
Event at Hinson
Conservation
and Recreation
Area*

Hinson Conservation and Recreation Area also has many open areas where families and friends enjoy games and community events. In fact, the scenic park has been a venue for many weddings and photo shoots. It was featured a few years ago on the Animal Planet Channel, Finding Bigfoot series. It is also an excellent setting to learn conservation through experience, while appreciating the beautiful outdoors.

town. The majority of the area was previously disturbed, with the exception of the riverine shore line. The upland bluff was the site of limestone mining for many years. Once level the site was left in

a neglected, nuisance state. Now, the park features a large parking area, picnic pavilion,



Butler Recreation Area

boat landing and look-out point over the Chipola River. Conveniently located near downtown and other landings, Gateway Overlook provides paddlers opportunities for shorter trips, and the park provides a nice escape for local workers at lunch.

Butler Recreation Area is located within the most northern portion of the Chipola River Greenway. The neighborhood park is within the vicinity of a public school and downtown Marianna. This area of the Chipola River Greenway is largely untouched. The park provides opportunities for picnicking, hiking, biking, swimming and fishing. Since Butler Recreation Area is boggy or flooded the majority of the year, its best feature is the natural environment. Picnic facilities are available at the park's entrance. A few years ago, a local Boy Scout Troop labeled trees and plants, built a small bridge, and provided benches along the



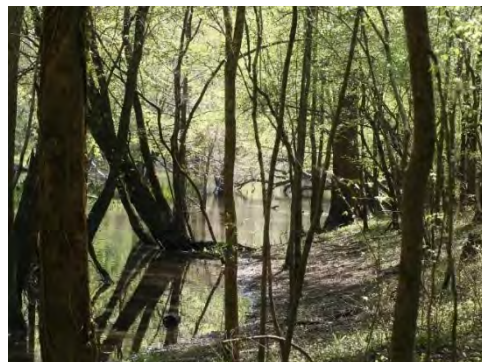
Gateway Overlook

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trail to the Chipola River. The pristine nature of the park provides increased opportunities to revel in the area wildlife.

On May 31, 2013, the U.S. Department of the Interior recognized the Chipola River Greenway – Butler Trail and the Chipola River Greenway – Hinson Conservation and Recreation Area Trail as National Recreation Trails. The program was created to recognize exemplary trails of local and regional significance. In 2013 the two Marianna trails were among 28 newly designated trails within the United States. At the time of award, there were more than 1100 trails throughout the United States with this designation, but only eight other trails in the State of

Florida. The Hinson and Butler Trails have been added to the database on the Department of Interior's website. This designation should lead to more ecotourism in Marianna. This announcement came on the heels of the Florida Wildlife Commission's designation of the same trails as part of the Great Florida Birding and Wildlife Trails on December 4, 2012.



Butler Recreation Area



*Hinson Conservation
and
Recreation
Area Canoe
Launch*

On October 10, 2018, Category 5 Hurricane Michael wreaked havoc on Marianna. The Chipola River Greenway suffered extreme damage. Hinson Conservation and Recreation Area lost approximately 80 percent of the trees resulting in a temporary closing of the park. For several weeks park entry was impossible due to the number of fallen trees blocking the entrance. Wildlife habitats were destroyed, and areas once pristine had to be cleared with heavy equipment. Signage and kiosks were knocked down and dismantled. The location of trails previously developed by the Florida Trail Association were unidentifiable. Despite the amount of desecration at the site, the cabin remained untouched.

Only about ten percent of Gateway Overlook was natural environment prior to Hurricane Michael. However, the park still experienced damage to trees and fencing, which took time and money to repair. Most repairs have been completed at this time.



*Historic Marianna
Blountstown Railroad
Tracks at Hinson
Conservation and
Recreation Area*

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The once pristine Butler Recreation Area lost about 80 percent of the trees. Many of the trees are still down within the park. There was also damage to signage, picnic facilities and fencing.

More than two years later the signs of Hurricane Michael are still clearly visible with trees that appear to be twisted off about 15 feet above ground. Those who loved the sites are saddened by the state, but thankful for photos and memories. Recovery will take time and money.



Hinson Conservation and Recreation Area at Historic Marianna and Blountstown Railroad Tracks



Pecan Orchard at Hinson Conservation and Recreation Area



Entrance at Hinson Conservation and Recreation Area



Gateway Overlook



Butler Recreation Area



Butler Recreation Area

Location

The properties are located within the City of Marianna, Jackson County, State of Florida, and lie just west of the Chipola River (See *Appendix A*). Hinson Conservation and Recreation Area can be accessed directly by the Chipola River or State Road 73

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South. Gateway Overlook is accessible via the Chipola River and Adams Street, and Butler Recreation Area is accessible by way of Noland Street.

Acquisition

Hinson Conservation and Recreation Area was purchased in October 1998 from the Dick Hinson family. The 11-acre portion of Butler Recreation Area that was previously owned the Steven Surgnier family was acquired in November 1998, and the 28-acre portion that was owned by Florida Public Utilities was purchased in May 1999. The remaining 63-acres of Butler Recreation Area was procured in August 2004 from Charles J. Butler, Junior. Gateway Overlook was purchased from Southtrust Bank in May 2005.



*OGT Visit with Dick Hinson,
Commissioner Clay and
Commissioner Milton at Hinson
Conservation and Recreation
Area in 2003*

Title Interests and Encumbrances

The Chipola River Greenway properties are owned by the Board of Trustees of the Internal Improvement Trust Fund. Hinson Conservation and Recreation Area has an easement for ingress and egress across the North 15 feet of the property. Gateway Overlook has an easement for subaqueous pipelines. Butler Recreation Area has two easements for utilities.

Proximity to Other Public Lands

City owned Yancey Boat Landing is northwest of Butler Recreation Area. The City of Marianna purchased and annexed the property in 2009. In 2012 the City used State grant funding to provide parking, boat landing upgrades, picnic facilities and overlook improvements. The boat landing provides access to the Chipola River for those wishing to delight in fishing, photography, bird watching, picnicking, swimming, boating and paddling. The Chipola River access also provides a blueway connection between City of Marianna, Jackson County and State of Florida managed parks. The recreation area is also connected via a pedestrian crossing to State owned and Jackson County managed Citizens Lodge park (County greenway parcel).

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Located northwest of the project within the City of Marianna on Caverns Road is the Florida Caverns State Park. The recreation and conservation area provides visitors picnic areas, playgrounds, cave tours, swimming, fishing, paddling, camping (individual and group), equestrian trails and hiking. The 1306-acre grounds is the home to



indigenous trees, such as the American Beech, Southern Magnolia, Spruce Pine, White Oak and Dogwoods. Regardless of the season there are many wildflowers in bloom, such as the Atamasco Lily, Lyre-Leaf Sage, Columbine, Mayapple, Yellow Leafcup and the Cardinal Flower. Not only can visitors watch the vast variety of birds and butterflies, but there are also many different species of animals, including beavers, alligators, the Barbour's Map Turtle, and the Alligator Snapping Turtle. The park is built around the Chipola River, which flows underground in the park near the boat ramp, but reappears a few hundred feet downstream, forming a natural bridge. The Florida Caverns State Park was named for its famous caves. Equal in beauty to such famous sites as Mammoth Cave and Carlsbad

Caverns, the Florida Caverns offer a dazzling collection of stalactites, stalagmites, soda straws, columns, rimstone pools, flowstones and draperies, which formed naturally over the last ten thousand or more years. These fragile formations are composed of calcite, a mineral dissolved from limestone rock when surface water containing natural acids percolates into the caves. The caves also provide a home for the Gray Bat.

North of the Chipola River Greenway is State owned, Jackson County managed greenway properties (known as Citizen's Lodge Park, Surgnier, and FPU parcels). Citizen's Lodge Park (Manor parcel) was purchased by Mr. John Manor in 1970 and remained in his possession until state acquisition in October 2000. The 103acre park includes a caretaker's house and a lodge now used for public meetings, community events and a trail head. The park features six multipurpose trails (paved and unpaved) ranging from one half mile to two miles in distance. A large stage is available for community concerts and festivals.



The 93-acre parcel commonly known as the Jackson County Florida Public Utility parcel was purchased by Florida Public Utilities in 1935, and the 33-acre parcel commonly known as the Jackson County Surgnier parcel was purchased by the Surgnier family in 1940. These parcels were later sold to the State, and are currently under Jackson County management also for greenways and trails. In recent years the parcels were developed with

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trails and a parking area. This portion of Jackson County's greenways is accessible on Old U.S. Road.



Jackson County manages other significant land resources, which are close in proximity (Blue Springs Recreational Area, Spring Creek Park, and Eastshore Park). Blue Springs Recreational Area is located approximately five miles east of Marianna. The First Magnitude Spring supplies water to a 202-acre reservoir known as Merritt's Millpond, a nationally recognized fishing site. More than forty years ago the Federal

Government owned the Blue Springs parcel and operated an officer's club for members of Graham Air Force Base. An existing historic structure is still located at the site for future rehabilitation. However, Hurricane Michael may have left the building in a state that cannot be restored. For approximately forty years the primary spring and

headwater of the Millpond has been leased to Jackson County and managed as a recreation area with swimming, picnicking, and limited SCUBA training and exploration. Merritt's Millpond serves as one of Jackson County's most popular fishing and boating areas. A variety of natural wooded growth indigenous to the area can be seen at the site, including ferns, Cypress stands, Pines, Magnolias and other hardwoods. Typical animals include those associated with upland hardwood



forests, and certain bird species, such as Kingfisher, Rough-winged Swallow, and Bank Swallow. The Blue Springs Recreational Area cave complex provides a home for two rare obligatory aquatic cave dwelling animals: Georgia Blind Salamander and Dougherty Plain Cave Crayfish. Historically, this site has been used by the public for recreation, and can be accessed via Merritt's Millpond or a County paved road.

Undeveloped Eastshore Park (also known as Huff/Mixon) is located along Merritt's Millpond within Indian Springs Subdivision. The pocket park has access to the nationally recognized Redear Sunfish fishery. As a major attraction for Jackson County, the millpond has produced at least seven state records, and two world record Redear. Covering 202 acres, Merritt's Millpond is seven kilometers long. The reservoir was created by the impoundment of Blue Springs Run in the late 1800s for the purposes of operating a grist mill (Game and

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Freshwater Fish Commission, 1996). At one time the impounded waters powered a small electric generating plant managed by Florida Public Utilities. The millpond dam is now located in this area. Merritt's Millpond feeds Spring Creek. Hardwood swamps, freshwater marshes, mixed hardwood pine forests, hardwood hammocks, forests and aquatic plants can be seen along the shore of Merritt's Millpond. The Millpond provides a habitat for animals such as Mollusks, Stoneflies, Mayflies, Caddisflies, Simuliids, Chironomids, American Alligator, Alligator Snapping Turtles, Suwannee Cooter, Loggerhead Musk Turtles, Rainbow Snakes, Red-Belly Watersnakes and Brown Watersnakes; for fish such as Largemouth Bass, Bluegill, Redear Sunfish and Spotted Sunfish; and a major population of Applesnail. Jackson County's original intent was to provide a pocket park for neighborhood residents and school students to enjoy that would provide access to Merritt's Millpond. In 2002 the residents voiced concerns about development of the park due to additional traffic and crime potential within the neighborhood. The park remains undeveloped to date.

Spring Creek Park is located at the Merritt's Millpond Dam site off SR 10. A 355foot elevated ADA accessible walkway provides access for canoeing and tubing in Spring Creek. Other recreational activities that can be enjoyed at the park include picnicking, snorkeling and fishing. Snorkelers using the creek and river often find fossilized shark teeth and historical artifacts. The crystal-clear water of Spring Creek is fed by over sixty fresh water springs (Blue Springs). The spring water is held in the Merritt's Millpond reservoir before flowing first into Spring Creek and then, the Chipola River. Hardwood swamps, freshwater marshes, mixed hardwood pine forests, hardwood hammocks, forests and aquatic plants can be seen along the shore of Spring Creek. The area provides a habitat for animals such as Mollusks, American Alligators, Alligator Snapping Turtles, Suwannee Cooters, Loggerhead Musk Turtles; for fish such as Largemouth Bass, Bluegill, Redear Sunfish and Spotted Sunfish; and for a major population of Applesnail.

The Chipola River Greenway is located within thirteen miles of at least twelve significant land and water resources (See *Appendix A, Exhibit 2*). The ultimate goal is to create a regional trail both via water and land through the connectivity of conservation/recreational lands in the area.

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Table 1

NAME	SIZE (Acres)	MANAGING AGENCY	DISTANCE	DESCRIPTION
Florida Caverns State Park	1,306.47	FDEP	3 mi. WNW	Calcite Caverns; Rare cavernicious animals; plant refugia from glacial period
Judges Cave Wildlife and Environmental Area	37	FFWCC	.5 mi. N	Calcite Caverns; Maternal bat cave
Three Rivers State Recreation Area	686	US Army Corps of Engineers	11.5 mi. SE	High Pineland; Hardwood Hammock; Mixed Pine Hardwood Forests; Special Plants and Animals
Upper Chipola River Water Management Area	7,374	NFWFMD	4 miles WNW	Encompasses numerous creeks between Alabama
				and the Florida Caverns State Park that feed the Chipola River
Ecofina Creek Water Management Area	Jackson County, 1,258; Washington County, 39,000	NFWFMD	13 mi. SW	Bluffs; Deep Ravines; Springs; High Diversity of Rare Plants and Animals
Apalachee Wildlife Management Area	7,952	FFWCC	8.1 mi. SE	Located on the west shore of Lake Seminole
Citizen's Lodge Park (Manor Parcel)	103.1	Jackson County	.5 mi. NNW	Bound by the Chipola River, a mix of open pasture land and woodlands
Florida Public Utilities Parcel (FPU)	93.33	Jackson County	Separated from City of Mariannamanaged FPU property by the Chipola River	Bound by Chipola River and a mix of woodland and residential properties, the area consists primarily of undeveloped woodlands

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Surgnier Property	33.39	Jackson County	Separated from City of Marianna managed Surgnier Property by the Chipola River	Bound by Chipola River, and a mix of woodland and residential properties, consists primarily of undeveloped woodlands
Jackson Blue Springs	195	Jackson County	6.5 mi. ENE	First Magnitude Spring, Underwater Caves, Cypress Stands, and Rare Aquatic Life
Spring Creek Park	21.48	Jackson County	2 mi. ENE	Cypress Stands, Hardwood hammocks and forests, aquatic plant and animal life
Yancey Boat Landing	5	City of Marianna	1 mi. WNW	Bound by the Chipola River, Developed Boat Landing, Overlook and Woodlands
East Shore Park	18.9	Jackson County	3.5 mi. ENE	Cypress Stands, Hardwood hammocks and forests, aquatic plant and animal life

Adjacent Land Use

The properties surrounding Chipola River Greenway have a variety of Future Land Uses. The land uses adjacent to Hinson Conservation and Recreation Area are primarily residential, mixed use and conservation, while Gateway Overlook is surrounded by commercial, industrial, mixed use and conservation uses. Butler Recreation Area is surrounded by commercial, residential, public and conservation uses (see *Appendix A, Exhibits 3 and 4*). There are no adjacent land uses that directly conflict with the planned use of the subject property. The Chipola River Greenway is located near areas of expanding residential development. Creation of the recreation and conservation areas will help to limit the encroachment of surrounding development. The City of Marianna will carefully plan future development in the area to ensure the functional integrity of the watershed system and associated natural areas will not be compromised. There are no known incompatible or conflicting uses.

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Public Involvement

The Marianna City Commission appointed an Advisory Committee to provide input regarding updates to the Chipola River Greenway Land Management Plan. A series of public workshops were initiated with the first held on June 17, 2021 at 5:00 pm. The second was conducted on July 8, 2021 at 5 pm and third was held on July 22nd, at which time the advisory committee recommended approval of the Land Management Plan. On June 28, 2021 at 4 pm the Marianna Planning and Zoning Board recommended approval of the Chipola River Greenway Land Management Plan. In regular session on July 6, 2021 the Marianna City Commission held the first reading of Ordinance #1117 and instructed staff to transmit the document to the Division of State Lands (*Appendix E*).

Prior to the meetings the greenway properties were posted on June 1st, 2021. The same day the proposed plan was posted on the City of Marianna website. The site was updated as meetings took place. A copy was made available to the public during this time in the Municipal Development Department at City Hall. An announcement was made about the availability of the plan and meetings at the May 24th and June 28th Planning and Zoning Board meeting. Announcements were also made at the June 1st and July 6th City Commission meetings. The meetings were advertised by display ads in the Jackson County Floridan on June 26th, July 17th, and July 24th, 2021. A display advertisement appeared in the Jackson County Times on July 22nd, 2021.

Natural and Cultural Resources

Physiography/ Mineral

The Chipola River Greenway is located in the Marianna River Valley Lowlands province (aka Marianna Lowlands), developed when the uplift was formed in Jackson County due to the “northeast-southwest directed Chattahoochee Anticline” (Southeastern Geological Society, 2003). The limestone beneath the surface is not solely responsible for the creation of the lowlands, but rather the dissection of Miocene formations (Southeastern Geological Society, 2003). A complicated sequence of erosion and deposition in areas around the Chipola River created floodplains and terraces. The Marianna Lowlands has been segmented into physiographic regions based on geomorphic surroundings. The Chipola River Greenway is located in the Marianna Karst Plain Unit, which is a part of the Dougherty Karst Plain District.

There are no known reserves of mineral resources within the boundaries of the subject property. Timber and mineral rights rest with the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida (*Appendix F*).

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Topography

The area is characterized by hills, depressions, and sinks. Surface exposures of karst can negatively affect groundwater protection due to rapid infiltration of contaminants into the aquifer. Conservation of areas with karst features, which can be found on all of the Chipola River Greenway, helps to protect the aquifer for the area. Elevations at Hinson Conservation Area range from 68' at water's edge to 160' at the park's entrance. The terrain is typified by moderate slopes toward the Chipola River. Elevations at Gateway Overlook range from 70' at water's edge to 110' at SR10. The terrain is mostly level with a 40' steep slope at the river's edge. Elevations at Butler Recreation area range from 70' at water's edge to 80' at the park's entrance. The terrain has a slight slope to the southeast with the park's entirety prone to flooding (See *Appendix A, Exhibit 5*).

Aquatic Preserve/ Area of Critical State of Concern/ Area under Study

As reported by FDEP (1999, 2003 and 2020), the Chipola River Greenway is neither in nor adjacent to an aquatic preserve. In addition, the Department of Economic Opportunity determined that the property is not located in or near an area of Critical State Concern (*Appendix H, Exhibit 1*). However, the City of Marianna is aware that the Chipola River is a tributary to the Apalachicola River, whose terminus is Apalachicola Bay, an Area of Critical Concern. Therefore, care will be taken during both the planning and implementation process of all City development to ensure no negative impacts occur due to the Chipola River Greenway. In addition, the City of Marianna will take advantage of resources at FDEP and FDEO to ensure the project remains environmentally safe and accessible to the public.

Soil Types, Using USDA Maps

Hinson Conservation Area, Gateway Overlook and Butler Recreation Area (WRS, Phase I Environmental Assessment, 1998) lie within the Marianna River Valley Lowlands in the Coastal Plain physiographic province. This area is a terraced lowland with both terraces and floodplains resulting from erosion and deposition by the Chipola River. The topography consists of rolling hills of a mixture of clays, silts, and sands bisected by stream valleys with outcroppings of limestone. Areas of the site are within the Coharie Marine Terrace, which is comprised of heterogeneous masses of sand, silt, and clay with pockets of ground water frequently located within the sandy portions of these formations (elevations 170 – 240 feet above the current flood plain). Underlying these marine and stream terraces is the Miocene-age Chattahoochee Formation, which consists of creamy-white limestone, greenish-gray marls, silty sands and clay. This area has a very low porosity and permeability and forms an aquiclude for the limestone layers beneath. This unit may exist in the Floridan Aquifer or the lower surficial aquifer. The Chattahoochee Formation unconformably overlies the Oligocene-age Suwannee and

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Marianna limestone, and the upper Eocene-age Crystal River limestone formations. All of these limestone units are sources of ground water, but the Crystal River formation is the most important source of ground water in the area and consists of a shallow marine environment limestone composed of large foraminiferan and mollusks. Ground water in the Crystal River formation aquifer is considered to be artesian (Moore, 1955).

Hinson Conservation Area has a gradual ground slope to the east and south towards the Chipola River. Surface drainage generated west of the property discharges to the local stormwater system. Surface drainage generated north, south, and east of the property is assumed to readily percolate into the sandy soil underlying the subject property or flow into the Chipola River. Most of the property is within the 100-year flood zone and is classified a wetland per the National Wetlands Inventory. The only surface water body within a one-mile radius of the site is the Chipola River, which borders the eastern edge of the property. According to the **Soil Survey of Jackson County, Florida**, Hinson Conservation Area is comprised of several well drained loamy fine sand surfaces and several clay loam soils (***United States Department of Agriculture Soil Conservation Service & University of Florida Institute of Food and Agricultural Sciences and Agricultural Experiment Stations Soil Science Department***). These findings are consistent with correspondence received from the United States Department of Agriculture (1999), which stated the soils found within the subject property are dominantly well drained with loamy fine sand surfaces and sandy loam to sandy clay loam subsoil layers (*Appendix A, Exhibits 6, 7, and 8*).

The northwest and eastern portion of **Butler Recreation Area** has a moderate ground slope to the south/southwest. Surface drainage generated south and west of the property discharges into the local storm water system. Surface drainage generated north of the property is assumed to readily percolate into the swampland located on the subject property and the sandy soil underlying the subject property. The property is within the 100-year flood zone and is classified as a wetland per the National Wetlands Inventory. The only surface water body within a one-mile radius of the site is the Chipola River, which borders the eastern edge of the property.

The southern-most portion of Butler Recreation Area has a moderate ground slope but to the west/southwest. Surface drainage generated on the southern portion discharges into the local storm water system. Surface drainage generated elsewhere on the property is assumed to flow into the Chipola River and adjacent swampland and percolate into the sandy soil underlying the pine areas. The property is within the 100-year flood zone and is classified as a wetland per the National Wetlands Inventory. As with the Hinson Conservation Area, the remainder of Butler Recreation Area, the only surface water body within a one-mile radius of the site is the Chipola River, which borders the eastern edge of the property.

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According to the ***Soil Survey of Jackson County, Florida***, Butler Recreation Area is comprised of a combination of Oktibbeha Variant-Rock outcropping complex, Faceville loamy fine sand, and Yonges-Herod Association (***United States Department of Agriculture Soil Conservation Service & University of Florida Institute of Food and Agricultural Sciences and Agricultural Experiment Stations Soil Science Department***). Yonges-Herod Association is nearly level poorly drained soil. The moderately-slow permeable soil has a medium moisture capacity. The water table is within 10 inches of the surface level for about two months out of the year and 10 to 20 inches for four to six months of the year. This type of soil is subject to occasional flooding. Water protection measures are needed for flooding. Oktibbeha Variant-Rock outcropping complex features sloping to strongly sloping areas. The moderately drained soil is intermingled with limestone outcrops with the soils encompassing about 60 percent of the area. Dark reddish-brown and red clay can be found within the top two inches. The subsoil extends 22 inches ranging from yellow-red and red clay to molted yellowish brown and gray clay. Throughout the soil black manganese occurs leading to white and light gray limestone at 46 inches. The property is within the 100-year flood zone and is classified as a wetland per the National Wetlands Inventory (*Appendix A, Exhibits 6, 7, and 8*).

Gateway Overlook is located on a limerock bluff. There is very little slope for drainage. Surface drainage generated at the site discharges into an onsite storm water system. Surface drainage generated elsewhere on the property is assumed to flow into the Chipola River. According to ***Soil Survey of Jackson County, Florida***, Gateway Overlook is comprised of Oktibbeha Variant-Rock outcropping complex features sloping to strongly sloping areas. (***United States Department of Agriculture Soil Conservation Service & University of Florida Institute of Food and Agricultural Sciences and Agricultural Experiment Stations Soil Science Department***). These findings are consistent with correspondence received from USDA (1999), which stated the soils found within the subject property are moderately drained and intermingled with limestone outcrops with the soils encompassing about 60 percent of the area. Dark reddish-brown and red clay can be found within the top two inches. The subsoil extends 22 inches ranging from yellow-red and red clay to molted yellowish brown and gray clay. Throughout the soil black manganese occurs leading to white and light gray limestone at 46 inches. The property is within the 100-year flood zone and is classified as a wetland per the National Wetlands Inventory (*Appendix A, Exhibits 6, 7, and 8*).

Natural Communities

The Chipola River Greenway contains the natural communities of Mesic Flatwoods and Upland Hardwood Forests (FNAI, 08/07/20) (*Appendix B, Exhibit 1*).

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Mesic Flatwoods can be identified by tall pines with an open canopy over low shrubs such as dwarf live oak (*Quercus minima*), dwarf huckleberry (*Gaylussacia dumosa*), shiny blueberry (*Vaccinium myrsinites*), runner oak (*Q. elliotii*), and Darrow's



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blueberry (*V. darrowii*). Primarily grasses make up the herbaceous layer, such as wiregrass (*Aristida stricta* var. *beyrichiana*), broomsedges (*Andropogon* spp.), broomsedges (*Andropogon* spp.), dropseeds (*Sporobolus curtissii*, *S. floridanus*), panicgrasses (*Dichanthelium* spp.), and forbs. Some of the rare plants found in this community include: white

birds-in-a-nest (*Macbridea alba*), telephus spurge (*Euphorbia telephioides*), pine-woods aster (*Aster spinulosus*),

mock pennyroyal (*Hedeoma graveolens*), scare-weed

(*Baptisia simplicifolia*), and narrow-leaved

phoebanthus (*Phoebanthus tenuifolius*). Rare

animal species make their homes in these communities including the Florida black bear (*Ursus americanus floridanus*) eastern diamondback rattlesnake (*Crotalus adamanteus*), reticulated flatwoods salamander (*A. bishopi*), Big Cypress fox squirrel (*Sciurus niger avicennia*), frosted flatwoods salamander (*Ambystoma cingulatum*), timber rattlesnake (*Crotalus horridus*), Sherman's fox squirrel (*Sciurus niger shermani*), red-cockaded woodpecker (*Picoides borealis*), and Bachman's sparrow (*Aimophila aestivalis*). Rare butterflies are also found in these communities: the dusky roadside skipper (*Amblyscirtes alternata*), the Loammi skipper (*Atrytonopsis loammi*), and the Arogos skipper (*Atrytone arogos arogos*). These communities need frequent burning to reproduce plant life.

Upland Hardwood Forests are located most commonly in inland areas of Florida around



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sinkholes and areas where hills slope over floodplains. and streams, and watershed. They

canopy and midstory shade tolerant trees of deciduous and evergreen species. Groundcover is typically scarce. Some of the canopy trees commonly seen within an upland hardwood forest in the Florida Panhandle are sweetgum



Flame Azalea at Hinson Conservation and Recreation Area

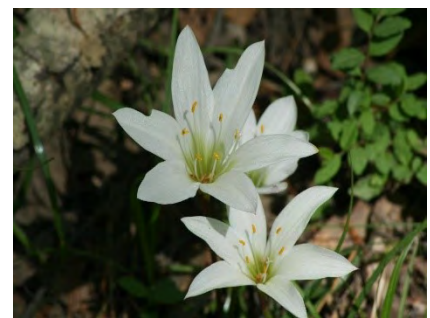
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(Liquidambar styraciflua), southern magnolia (Magnolia grandiflora), Florida maple (Acer saccharum ssp. floridanum), pignut hickory (Carya glabra), live oak (Quercus virginiana), loblolly pine (Pinus taeda), swamp chestnut oak (Q. michauxii), white ash (Fraxinus americana), white oak (Q. alba), American beech (Fagus grandifolia), laurel oak (Q. hemisphaerica), and spruce pine (Pinus glabra), and southern hackberry (Celtis occidentalis). The mid-story trees include tall shrubs and younger canopy species. The American holly (Ilex opaca), silverbells (Halesia spp.), devil's walkingstick (Aralia spinosa), red bay (Persea borbonia), flowering dogwood (Cornus florida), American hornbeam (Carpinus caroliniana), black cherry (Prunus serotina), eastern redbud (Cercis canadensis), gum bully (Sideroxylon lanuginosum), eastern hophornbeam (Ostrya virginiana), horse sugar (Symplocos tinctoria), American strawberrybush (Euonymus americanus), winged elm (Ulmus alata), and basswood (Tilia americana) are common in the panhandle of Florida. Though sparse, shade-tolerant herbs, vines and graminoids combine to create a groundcover. Examples in the panhandle of Florida include woodsglass (Oplismenus hirtellus), partridgeberry (Mitchella repens), sedges (Carex spp.), Virginia creeper (Parthenocissus quinquefolia), Trilliums (Trillium spp.), violets (Viola spp.), longleaf woodoats (Chasmanthium laxum var. sessiliflorum), sarsaparilla vine (Smilax pumila), ebony spleenwort (Asplenium platyneuron), and woodsglass (Oplismenus hirtellus). The dense canopy and layers of understory contribute to the restriction of light penetration and air movement, and the high levels of moisture. It is also the reason more than fifty varieties of rare plants including the Marianna columbine can be found in upland hardwood forests. It is also the reason that animals such as the Louisiana waterthrush (Seiurus motacilla), four-toed salamander (Hemidactylium scutatum), worm-eating warbler (Helmitheros vermivorum), copperhead (Agkistrodon contortrix), American redstart (Setophaga ruticilla), and eastern chipmunk (Tamias striatus) make their home in these communities.

Development, logging, feral hog rooting, refuse dumping, and foot and vehicular traffic are common disturbances. Invasive exotic plant and animal species are also a common problem to soil, vegetation. Forest regeneration, and slope erosion.

Plant and Animal Species

The Florida Fish and Wildlife Conservation Commission (*Appendix H, Exhibit 3, & Appendix B*) provided information regarding fish, wildlife and their habitat found on the three subject properties in the City of Marianna.



Atamasco Lily at Hinson Conservation Area

FWC has also noted Strategic Habitat Conservation Areas for Coopers Hawk and gray bats within one mile of the properties. Of special concern to Florida Fish and Wildlife

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Conservation Commission is the major maternity roost of the Gray Bat and the Southeastern Bat that is within 0.5 miles of the Chipola River Greenway. Since these bats are very sensitive to human disturbance, the City of Marianna will contact a biologist to assist with a sitespecific wildlife inventory prior to facility development to avoid unnecessary destruction of wildlife and their habitats. (*Appendix H, Exhibit 3*)

The Florida Natural Areas Inventory (FNAI) was contacted and provided information regarding the “Element Occurrence Records” related to the project (*Appendix H, Exhibits 2*). Several Element Occurrences were located within one mile of the Chipola River Greenway project site. According to FNAI, Element Occurrences are of rare species and natural communities, generally refer to more than a casual sighting, and indicate a viable population of the species. Some occurrences may represent historically documented observations that may no longer be extant. FNAI noted that portions of the project site appear to be located near Potential Natural Areas (PNA). These PNA are FNAI priority 3 and 5, and may include: spring-run streams, upland pine forests, dense sandhills, depression marshes, upland mixed forests, floodplain swamps, upland hardwood forests, and basin swamps. FNAI also determined that portions of the site appear to be located near Potential Habitats for Rare Species. The potential habitat is associated with the known occurrences in the vicinity of the following: Wood Stork (*Mycteria Americana*), Barbour’s Map Turtle (*Graptemys barbouri*), Chipola Slabshell (*Elliptio chipolaensis*), Dougherty Plain Cave Crayfish (*Cambarus cryptodytes*), Flatwoods Salamander (*Ambystoma cingulatum*), Florida Merrybells (*Uvularia floridana*), Georgia Blind Salamander (*Haideotriton wallacei*), Gray Bat ((*Myotis grisescens*), Gulf Moccasinshell (*Medionidus penicillatus*), Marianna Columbine (*Aquilegia Canadensis var australis*), Oval Pigtoe (*Pleurobema pyriforme*), Shinyrayed Pocketbook (*Lampsilis subangulata*), Shoal Bass (*Micropterus cataractae*), Southern Creekmussel (*Strophitus subvexus*), and Southern Hognose Snake (*Heterodon simus*).

In accordance with the Migratory Bird Treaty Act (16 USC Sec. 703-712), hunting, capturing, killing, pursuing in any manner, shipping or otherwise transporting, and selling of the Cooper’s Hawk will be prohibited. No hunting or trapping on the greenway’s property will be allowed.

Listed Species

Florida Natural Areas Inventory provided information about endangered and threatened plant and animal species who may have habitats within the Chipola River Greenway.

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FNAI has also indicated that there may be PNA and related habitats in the area associated with the following occurrences: Wood Stork (*Mycteria Americana*), Barbour's Map Turtle (*Graptemys barbouri*), Chipola Slabshell (*Elliptio chipolaensis*), Dougherty Plain Cave Crayfish (*Cambarus cryptodytes*), Flatwoods Salamander (*Ambystoma cingulatum*), Florida merrybells (*Uvularia floridana*), Georgia Blind Salamander (*Haideotriton wallacei*), Gray Bat (*Myotis grisescens*), Gulf Moccasinshell (*Medionidus penicillatus*), Marianna Columbine (*Aquilegia Canadensis var australis*), Oval Pigtoe (*Pleurobema pyriforme*), Shiny-rayed Pocketbook (*Lampsilis subangulata*), Shoal Bass (*Micropterus cataractae*), Southern Creekmussel (*Strophitus subvexus*), and Southern Hognose Snake (*Heterodon simus*).



Wild Turkey

In addition to these findings, the City of Marianna is aware of historical records indicating the presence of the Northern Long-Eared Bat (*Myotis septentrionalis*) and the Indiana Bat (*Myotis sodalist*) on the property (Environmental Services, Ecological Assessment, 2002). Information from Mr. Mark Ludlow (Florida Department of Environmental Protection) and Mr. Jeffrey A. Gore (Florida Fish and Wildlife Conservation Commission) indicates these bats represent historic isolated finds, and it is unlikely that either of these species is present in the project vicinity today. Also, one state threatened species, the Gopher tortoise (*Gopherus polyphemus*) was noted on the property. The vegetative habitat on site in the vicinity of the gopher tortoise burrows was primarily Loblolly Pine forests and cleared fields. Hurricane Michael destroyed much of the habitat, but restoration will expand and improve the available habitat for gopher tortoises. According to the previous property owner, there were approximately six known individual Gopher Tortoises on the property, which likely represent an isolated population (Environmental Services, 2002).

Forest Resources

The Chipola River Greenway properties are located on the west side of the Chipola River. The properties contain a combination of pecan trees, tall pines and upland hardwoods. Forest resources on the properties have been substantially diminished due to Hurricane Michael damage.

Native Landscapes

The majority of Gateway Overlook was previously developed. Much of Hinson

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Conservation and Recreation Area was previously farmed. However, the areas near the Chipola River and caves, until recently, were mostly pristine. Recent hurricane cleanup efforts have resulted in the disturbance of pristine areas. Though Butler Recreation Area received much damage, it still has many areas pristine in nature. Existing fragile communities require protection from human impacts.

Water Resources

The typical, regional, hydrogeologic organization of the Marianna area consists of three systems: the surficial aquifer, the intermediate aquifer, and the Floridan Aquifer. The hydrology at the three referenced sites are similar, but may be void of the intermediate aquifer system due to erosional events in the local Marianna area.



Chipola River

The surficial aquifer is a relatively thin water table aquifer composed of undifferentiated sand and clay terrace deposits and admixtures. These clastic sediments generally have low permeability, and produce very small quantities of water from wells. The surficial aquifer, therefore, is rarely utilized for potable water supplies. It exists under unconfined conditions, and in general, is recharged by local rainfall.

The intermediate aquifer is an extensive layer of clays, sandy clays, intercalated sands, creamy white limestone, and greenish-gray marls. It is the confining unit between the surficial aquifer and the Floridan Aquifer System, but can be breached by sinkholes, which provide localized areas of fluid exchange and semiconfining conditions. This unit, generally the Chattahoochee Formation in the Marianna area, is Mid-Miocene to Upper Paleocene in age and often contains thick, irregular lenses of sandy limestone and dolomites, which yield small quantities of water under artesian conditions. Recharge is through leakage from the overlying surficial aquifer.

The Floridan Aquifer is the primary drinking water source for Marianna and regionally is Late Eocene to Early Miocene in age. It consists of calcareous, clayey sands which grade into pure, fine-grained, dolomitic limestones and foraminiferal limestones. Much of the Floridan Aquifer contains good secondary porosity caused by dissolution following deposition. It is recharged where the unit outcrops at the surface or is breached by sinkholes; flow is generally to the south.

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The Chipola River meanders along the edge of the project sites forming the eastern boundary of the properties. As verified by FDEP (1999, 2003, 2019 and 2020), the Chipola River and all jurisdictionally connected waters and wetlands have been designated as Outstanding Florida Waters (**Rule 62-302.700(9)(I) 6., Florida Administrative Code**). Any surface waters located within the property boundaries are classified as Class III waters (**Rule 62-302.400(12)(b)32., F.A.C.**) (*Appendix A, Exhibit 4*). The State of Florida defines Class III waters as supporting recreation and the propagation and maintenance of healthy wildlife and fish populations. The proposed management activities and recreational uses for the Chipola River Greenway are fully compatible with a Class III designation. Water quality conditions within the Chipola River are especially important and are monitored due to its designation as an Outstanding Florida Water (OFW).

Beaches and Dunes

There are no saltwater beaches or dune systems within the property boundaries referenced in this plan.

Swamps, Marshes, and Other Wetlands

According to an Ecological Assessment and Management Report for the Hinson property (Environmental Services, 2002), prior to cultivation of the Hinson Parcel in 1955, the parcel was most likely entirely wooded with a mixed hardwood/pine forests. Areas closer to the river during that time would have been either characterized by upland mixed hardwood communities or floodplain forests. Vegetation existing prior to October 10, 2018 was a combination of secondary growth in old fields, and areas that had been conserved that make up six general community types: clearings, wetland forested floodplain, mixed hardwood forest, loblolly pine forest and mixed hardwood/pine forest (wetland and non-wetland).

Cleared areas, prior to October 10, 2018, were substantially less in area than in 1955. The community was experiencing a regeneration of loblolly pines (*Pinus taeda*) and other shrubby vegetation.

The wetland forested floodplain areas are connected to the Chipola River and represent a fraction of the floodplain on the property. These areas include Bald Cypress (*Taxodium distichum*), Laurel Oak (*Quercus laurifolia*), Black Gum (*Nyssa biflora*) and Red Maple (*Acer rubrum*).

Prior to October 10, 2018 the majority of the property was covered in mixed hardwood forests, which was a host to most of the endangered and threatened plant species that could be found on the site. Trees included Bald Cypress Laurel Oak, Water Oak

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(*Quercus nigra*), Pignut Hickory (*Carya glabra*), Black Gum (*nyssa biflora*), Red Maple, Southern Red Cedar (*Juniperous stiliciola*), Sugarberry (*Celtis laevigata*), Spruce Pine (*Pinus glabra*), Ironwood (*Carpinus caroliniana*), Southern Magnolia (*Magnolia grandiflora*), Florida Sugar Maple (*Acer floridanum*), White Ash (*Fraxinus americna*), Sweet Gum (*Liquidambar styraciflua*), Mulberry (*Morus rubra*), Florida Basswood (*Tilia floridana*), American Beech (*Fagus grandiflora*), Swamp Chestnut Oak and the following groundcover; Common Witch Hazel (*hamamelis virginiana*), Wild Azalea (*Rhododendron canescens*), Flame Azalea (*Rhodendrum austrinum*), Beautyberry (*Callicarpa Americana*), Virginia Creeper (*Parthenocissus quinquefolia*), Poison Ivy (*Toxicodendron radicans*), Red Buckeye (*Aesculus pavia*), Muscadine Grape (*Vita rotundifolia*), Bamboo (*Arundinaria gigantean*), Partridge Berry (*Mitchella repens*), Yaupon Holly (*Ilex vomitoria*), Tree Sparkleberry (*Vaccinium arboretum*), Wax Myrtle (*Myrica cerifera*), and Coralberry (*syphoricarpos orbiculatus*) as well as other species.

Another large section of the property had an inactive pecan orchard, with the dominant species being Pecan (*Carya illinonensis*) and a ground cover of Japanese Honeysuckle (*Lonicera japonica*), but this community was completely destroyed by Hurricane Michael in 2018.

In the areas of the Loblolly Pine forest ground cover was sparse [included Muscadine, Bracken Fern (*Pteridium aquilinum*) and unidentified native grasses] and the canopy was a near monoculture of Loblolly Pine with Southern Red Cedar, Yaupon (*Ilex vomitoria*), and Chinese Ligustrum (*Ligustrum sine*se) in the understory.

The mixed hardwood/pine wetland area is located in the southwest corner of the Hinson Conservation and Recreation Area and is isolated and not regulated by either the Army Corps of Engineers or Florida Department of Environmental Protection. The dominant tree in the canopy is the Loblolly Pine, but there are also some Water Oak, Wax Myrtle (*Myrica cerifera*), Sugarberry, and Mayberry (*Vaccinium elliottii*). Strong evidence of periodic ponding was visible.

The mixed hardwood/pine forest upland areas were predominantly found on the southern portion of the Hinson Conservation and Recreation Area. Timber had been harvested over a portion of Hinson Conservation and Recreation Area. Loblolly pines were removed along the southern boundary and pines were removed in areas described as mixed hardwood/pine forest uplands, mixed hardwood forest and wetland forested floodplain. (*Appendix A, Exhibits 8*).

According to the FFWCC Landsat Habitat Mapping Database and an Environmental Phase I Site Assessment (WRS, 1998), the southeast and northeast parcels of the Butler Recreation Area contained a variety of upland, wetland, aquatic, and disturbed plant

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communities, including; hardwood hammock forests, mixed hardwood and pine forests, hardwood swamps, and cypress swamp. Cypress swamps were a wetland community type regularly inundated and typically formed by a forested border along a large river, creek and/or lake. Cypress swamps occurred in depressions as circular domes or linear strands and are strongly dominated by either bald or pond cypress with very low numbers of scattered black gum, red maple and sweetbay. A portion of all the subject parcels contained this plant community.

Gateway Overlook is located on a limestone bluff. Though the Chipola River borders the eastern side of the property, no marshes or swamps are present.

Extensive damage occurred during the impact of Hurricane Michael in October of 2018, and many of the aforementioned plant communities suffered significant ramifications. The city continues to work toward recovery from this natural disaster and will be doing all it can to inventory the communities and implement restoration programs as funding is available. The City is currently experiencing both funding and staffing shortages in the wake of the disaster but will work to restore, and prevent any further degradation of, the habitats to the best of their abilities as funding and staffing is available.

Cultural Resources

The Florida Department of State, Division of Historical Resources (2003 and 2019) confirmed the presence of two archaeological sites (8JA466 & 8JA467) within Hinson Conservation and Recreation Area and one archaeological site (8JA465) located within close proximity to the subject property. Both of the sites noted on the property are associated with prehistoric cultures. A field inspection and interview with Mr. R. L. Hinson, the previous owner, confirms the site has a high probability of having significant historical and/or archeological resources present (Environmental Services, 2002). The Division of Historical Resources has determined that there is a reasonable probability of historic properties potentially eligible for listing in the National Register of Historic Places, or otherwise of historical or archaeological value, to occur within the subject property. Therefore, the City of Marianna will contact the Division of Historical Resources prior to any ground disturbing activities within the property boundaries and conduct a Phase I archeological assessment supervised by a qualified



*Alamo Cave at Hinson Conservation and
Recreation Area*

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archaeologist in order to follow ***Chapter 253 and Section 267.061, Florida Statutes***. In addition, the City of Marianna will follow the guidelines set up in “Management Procedures for Archeological and Historical Sites and Properties on State-Owned or Controlled Lands” (*Appendix C, Exhibit 1*).

In April 2002, Michael Wisenbaker, Archeologist for the Florida Division of Historical Resources, assessed Alamo Cave (*Appendix C, Exhibit 2*). Although test pits were not utilized, no solid evidence for aboriginal use was found. Wisenbaker returned a few years later and evaluated the last open area on the south side of Gator Hole Lane before following the road to the field where the launch is located. Wisenbaker commented on the possibility for a homestead in this location.

A cave assessment was conducted in 2010 and 2011 by Allen Mosler and the Flint River Grotto, a Tallahassee chapter of the National Speleological Society. The survey mapped all of the karst formations within the subject property.

In 2015 a team from the University of West Florida led by Dr. Ramie Gougeon and Gregg Harding completed a dig on archaeological site 8JA467 (Hinson Tree House), and 8JA1929 (Hollow Ridge). A total of 80 shovel tests were excavated over the eight-acre field of 8JA467 along Gator Hole Lane. Forty-six of the tests yielded remains, but only 39 provided archeological materials concordant with previous findings. Aboriginal ceramics (n=4) and a single whiteware ceramic sherd was recovered. The aboriginal ceramics (sand tempered sherds) were all found at depths of 11-84 cmbs. Three were check-stamped in a manner suggestive of the Woodland Period (500 BC – 1000 AD). Hollow Ridge, commonly known as Almo Cave, was also investigated for torch markings, cave art and artifacts, but nothing new was found. From the 24 shovel tests, all but one was positive for prehistoric materials at the depths of 0 to 100 cmbs. Sixtysix aboriginal sand-tempered ceramics, mostly unstamped or indeterminately stamped were found. While no intact cultural deposits were located, the team determined the site use dated back to the Middle Archaic Period (6500 BC-200 AD). The findings were added to the data for the site. The team found no further archeological investigations were warranted (*Appendix C, Exhibit 3*).

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*Historical Marker at
Gateway Overlook*

Gateway Overlook was a site of the Battle of Marianna during the Civil War. Confederate Soldiers retreated to the Chipola River after pursuing

Union Soldiers at the intersection of Lafayette and Russ Streets

(a.k.a. Ely Corner). Confederate Captain Robert Chisolm's Woodville Scouts, a calvary unit from Alabama, drove Union soldiers back to allow Confederate soldiers time to loosen the bridge planks and cross the river. Once the Union soldiers crossed, the Confederate soldiers fled across and pulled up the bridge planks as they went. The Union soldiers did not attempt to cross the river. This is where the last shots of the Battle of Marianna were fired. A historic marker is located at the park commemorating the history of the site.



Alamo Cave

Scenic Resources



Spring Cave

Hinson Conservation Area has beautiful open areas, forests with various types of plant and animal life, caves to explore and the beautiful Lily Spring all along the banks of the Chipola River. An exceptional and picturesque view can be enjoyed from the bluff over the Ovens near the cabin. Gateway Overlook is located on a bluff on the River's edge. Though the area is mostly developed, the overlook provides an opportunity to look down on paddlers and others enjoying the river. Butler Recreation Area is located in low-lying, undisturbed wetlands. The park provides a different

experience that includes wildlife viewing. The park also has many plant communities of botanical significance.

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Unique Natural Features

The primary unique natural feature of the Chipola River Greenway is the meandering Chipola River, which forms a portion of the eastern boundary of the subject properties.

The Chipola River and all jurisdictionally-connected waters and wetlands have been designated as Outstanding Florida Waters (**Rule 62302.700(9)(i)6., Florida Administrative Code**). Any surface waters located within this property's boundaries are classified as Class III Water (**Rule 62302.400(12)(b)32., F.A.C.**). The Chipola River is a calcareous stream, or predominantly of spring origin. Water characteristics include: cool temperatures, low turbidities and dense levels of submerged vegetation. Average flow for the Chipola is 42.8 m³/s. Fauna includes a large variety of fish and mollusks, especially snails of the genera *Elimia* (*Goniobasis*), *Campeloma*, *Viviparus* and *Pomacea* (Nordlie, 1990). The properties also contain caves, caverns, limestone bluffs and springs.



Lily Springs

Outstanding Native Landscapes



The Ovens

On the Hinson property there is one terrestrial limestone cavern, Alamo Cave, onsite that is located between a grass clearing and the river. It is accessible via two large entrances on opposite sides of the cavern. The interior of the cavern is similar to a large room sunken below the ground level. The Department of State, Division of Historical Resources has identified it as a potential site of historical or archeological value. In April 2002, Michael Wisenbaker,

Archeologist for the Florida Division of Historical Resources, assessed Alamo Cave (*Appendix A, Exhibit 11*). Although test pits were not utilized, no solid evidence for aboriginal use was found. Additionally, there is another cave located near the cabin on the Hinson property, which includes a subterranean stream. Located along the bluffs of the Chipola River and within the subject property boundaries, are a series of Ovens, or small cavernous entrances. These Ovens are hidden from view when standing atop of the bluffs on the subject property, and are accessible only from the river.



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A cave assessment was conducted in 2010 and 2011 by Allen Mosler and the Flint River Grotto, a Tallahassee chapter of the National Speleological Society. The survey mapped all of the karst formations within the subject properties as well as identified potential safety measures to take and occurrences of unique flora and fauna. Building off of this assessment, a Cave Management Plan detailing best management practices that protect the natural features while providing for public safety and access will be developed as funding becomes available. Finally, at the southwest corner of the Hinson property an isolated wetland has been identified.



Butler Recreation Area contained vast areas of wetlands that were in excellent condition prior to Hurricane Michael and the area reflected relatively minor human impacts along limited areas of the shoreline associated with recreational water use. A full assessment, contingent on funding availability, will be conducted to ascertain present condition of the wetlands and develop a management/restoration

strategy if needed. Surrounding uplands and wetlands on the parcels contain healthy examples of mesic hammocks and forested, floodplain communities. Transitions range from wetlands to limestone bluffs. In some areas, lowlands extend 100 feet inland from the river's edge and then rise steeply in elevation over the next 500 feet from the Chipola River.

Uses of the Property

Previous Use and Development

A personal interview with Mr. R.L. Hinson, Jr. and aerial photograph review of the site performed by WRS Infrastructure & Environment, Incorporated reported the following: “the property was purchased by the Hinson family and has remained in their possession a minimum of 50 years. Most change appears to be in the form of an increase in the number of surrounding residential and commercial structures with a corresponding decrease in the amount of farming performed on and around the subject property. The 1997 aerial photograph shows the property to be a mix of woodland, old pecan groves, and open fields. The surrounding area is a mix of residential and commercial properties. The 1984 aerial photograph shows the subject property to be basically unchanged. The 1974 aerial photograph shows the subject property to be unchanged except for an increase in the size of the pecan groves. In addition, the surrounding area appears more rural in character. The 1971 aerial photograph shows the subject property to be relatively open. There are no pecan groves and the property appears to be farmland. The surrounding area appears very rural in character” (WRS, 1998). A site

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inspection performed by WRS on August 13, 1998 revealed the following: “No areas of stressed vegetation were witnessed across the site or on adjacent properties. No evidence of the existence of Underground Storage Tanks (USTs) or evidence of hazardous materials dumping was witnessed. No surface water conditions or other environmental concerns were witnessed on the subject property or adjacent land parcels” (WRS, 1998).

According to a general site history obtained by WRS in 1998 (including a 50-year title search and 30-year aerial photograph review), the southeast parcel of Butler Recreation Area appears to have never been developed. Most of the slow change that has taken place over the past years has been in the number of residential and commercial structures to the east and south of the property. Therefore, it appears the parcel remained unchanged until the State of Florida purchased the property.

A similar site history examination, along with interviews with Mark Cutshaw, an employee of Florida Public Utilities, provides a history of the Florida Public Utility portion of Butler Recreation Area (WRS, 1998). The property was purchased by Florida Public Utilities in 1935 and was never developed. The surrounding area had slow residential and commercial development over time, but the parcel itself remained unchanged.

The remainder of Butler Recreation Area was owned by the Surgnier and Butler families. These areas have never been developed.

Gateway Overlook is located on the western side of the Chipola River and the southern side of US90 (SR10). There have been several owners over time. It appears that the limestone bluff was extracted at some time and the limestone sold. The previously developed site has natural habitat leading down to the riverine shore line.



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Description of Existing and Planned Uses

Development throughout the State of Florida and within the City of Marianna is rapidly depleting and fragmenting natural communities. Waterfront, wetlands and natural forest areas are all becoming increasingly vulnerable to expanding residential and commercial



growth patterns. A number of species are becoming rare, threatened and endangered due to the loss of habitat and declining viability of existing habitat. The City of Marianna and the entire community has long felt that the Chipola River is a public treasure to be enjoyed by all citizens, as well as protected. The Chipola River Greenway is an effort by the City of Marianna to conserve and protect sensitive areas along the Chipola River, while providing passive recreational opportunities for area citizens and tourists. It helps

foster economic growth in a City listed as a Rural Area of Opportunity (previously called a Rural Area of Critical Economic Concern). Since opening the Hinson Conservation and Recreation Area portion of the Chipola River Greenway in May 2012, visitors have been able to enjoy hiking and bicycling trails, canoeing, and picnicking. Future plans include the addition of equestrian trails at the south loop, primitive camping, pavilions and playgrounds for children. Since its grand opening, Hinson Conservation and Recreation Area has served as a community gathering center for numerous city events.

Chipola River Greenway is located near areas of expanding residential development. Creation of the recreation and conservation area limits the encroachment of surrounding development threatening the watershed system and associated natural areas, but will also continue to blend with the existing residential development and improve property values. The City of Marianna will continue to manage the area for low impact recreation, environmental education and conservation of natural ecosystems. The management objectives will be accomplished by creating a connected system of conservation and recreation areas. The conservation areas will be designated for preservation and management of the natural communities, together with nondestructive scientific research. These areas will provide a buffer between adjacent residential developments, and promote the preservation of the unique biological diversity while providing public access and environmental education.



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Hinson Conservation and Recreation Area is located on the south side of Marianna and can be accessed via SR73S. The property is approximately 226.62 acres in size and provides numerous resources. Among the most valuable to area residents are the



*Trail Creation at Hinson Conservation
Recreation Area*

terrestrial caves located inland and a system of geological formations known as “the Ovens” located along the bank of the Chipola River. Of equal importance is the approximately 1.5 miles of Chipola River frontage. Also located on the parcel is a river camp house (equipped with well, electricity and septic system) built by the previous owner.

In 2002, the City of Marianna created a roadway within the park. A few years later the City of Marianna with funding from the Florida Department of Environmental Protection installed split rail fencing throughout the and

park. This was followed a by the City partnering with the Florida Trail Association to establish trails throughout the park.

The trail system located on Hinson Conservation and Recreation Area extends approximately 1.5 miles along the Chipola River bank, as well as within the parcel for a total length of approximately 4.6 miles. The trail follows the inner property boundary and includes three connector links so as to form four loops. This allows visitors to vary their path, as well as the length of their hike. The trail at Hinson Conservation and Recreation Area has been recognized as a designated National Recreation Trail as well as a Great Florida Birding and Wildlife Trail (*Appendix I, Exhibits 1 and 2*). Later, the City purchased and installed signage and a kiosk to assist park visitors. Flyers were created and a payment box was installed at the park’s entrance.

Several times over the years the non-motorized boat landing has been improved. While River Cleanup events had taken place many times over the years, the Chipola River Greenway Volunteers began meeting and assisting with care of the property in 2011. The volunteers assisted in removal of non-native invasive species and maintaining trails. The same year the City entered into a contract with the Florida Forest Service to begin conducting regular burns of the park to prevent forest fires and remove non-native plant life.



*Chipola River Greenway Volunteers after an
Annual River Cleanup*

In 2018 Hurricane Michael destroyed an estimated 80% of the trees at Hinson Conservation and Recreation Area. Removal of the trees for mere entry into the park took months. As money has been available City staff has been working on cleaning up

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the park. Most recently the City has been working with a team of individuals to reestablish trails. Evidence of the devastation from Hurricane Michael is evident throughout the trails and some paths are still partially impacted. However, further restoration and development will continue as funding and resources allow. Future plans



Gateway Overlook Prior to Development

include continued assessment and removal of exotic plant species, development of a cave management plan, installation of picnic, playground and campground facilities, erosion control measures, renovation and possible relocation of the existing camp house, infrastructure improvements, and development of educational programs through cooperation with the local school systems, the County Agricultural Extension Cooperative and various state and local agencies. Long range plans include establishment of onsite park management employees (as needed) for security, safety, preservation, maintenance, directional and educational purposes.

Gateway Overlook is located at the eastern gateway into Marianna, and can be accessed via State Road 10 (US90) and Adams Street. The property is approximately 1.69 acres in size and provides residents and visitors with convenient entry onto the Chipola River. Gateway Overlook Park features a non-motorized boat landing, picnic facilities and twenty-five parking spaces, including program accessible spaces and spaces designed for accommodating boat trailers. During the park's development, a local engineer prepared plans for a landmark overlook at the park that would draw tourist into the City of Marianna. The development has not taken off due to lack of funding. City staff has been in discussions with the Florida Department of Transportation about the need for pedestrian access across the Chipola River. The current bridge does not have pedestrian walkways. The City has been in discussions with property owners on the eastern side of the Chipola River regarding the possibility of a pedestrian bridge to connect greenways.



Gateway Overlook



Gateway Overlook Plans

Butler Recreation Area is located approximately 2.37 miles north of the Hinson parcel.

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Although not yet connected to the Hinson Conservation and Recreation Area, the park offers more than 0.5 miles of Chipola River frontage and is located east of Jackson County School Board property (Hope School). The location of the park offers the City of Marianna and Jackson County School Board opportunities to work together in providing ecological educational opportunities and passive recreational activities to area children. Less than 1.5 miles away is Chipola College, a designated four-year college. The City of Marianna plans to continue partnering with both Chipola College and Jackson County School Board for the educational advancement of students and the conservation of the land. Directly across the river on the east side is property owned by the State of Florida and managed by Jackson County known as the Manor, Surgnier and FPU parcels. Two of the parcels have common names with Citymanaged parcels due to the same previous owners. The City is working with Jackson County on a plan to connect the greenway parcels for further enjoyment by the citizens. The property is adjacent to a residential area on the western boundary. Property adjacent to the north and south boundaries are zoned conservation. There is one shopping center within a quarter mile of the site. The property is located in the City's community redevelopment area (CRA), and historic district is less than 0.25 miles away from the parcels.



*An Overlook Plan Discussed and
Considered During Development*

The Park entrance is located at the intersection of Kelson Avenue and Noland Street. The City has provided primitive parking, picnic facilities and a trail. In 2012 a local boy scout troop built and installed benches, a small bridge, and signs identifying plant species. On the northern-most parcel of the park, the largest drainage area of the City drains into the Chipola River. Over the past twenty years the City has been working towards establishing a stormwater facility to filter debris traveling deep ditches directly into the river. As a part of this plan, the City will establish trails around the facility for passive recreation at the site. Funding has been requested many times over the years. The City has an active grant application to fund this endeavor.

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Butler Recreation Area

Hurricane Michael destroyed much of the park's trees in 2018. Following the hurricane, a team of federal and state officials, referred to as R2P2, met with the City of Marianna and stakeholders. A plan of smaller cascading stormwater facilities was developed to assist with debris and pollutants prior to entering the Chipola River (*Appendix J*). The City plans to extend the trails in Butler Recreation Area about 0.5 miles along the Chipola River and also provide access to areas within the parcels. In low areas a boardwalk will be constructed. Observation points, rest areas, picnic and playground facilities will be available near the trails in upland areas. Ultimately, kiosks with brochures will be provided to identify location and points of interest. In addition, directional and interpretive signage is planned for placement throughout the trail system. The trails will be kept as natural as possible by attempting to utilize pre-existing trails and open spaces.

The City's Hinson Conservation and Recreation Area project was planned as a trail and canoe launch designed to serve the region as recreational, educational and conservation corridors. Low impact recreational activities such as hiking, canoeing, and picnicking are available to visitors of the property. Prior to acquisition of the property, there was no public access to the Chipola River within the City limits. Since that time the City has annexed Yancey Boat Landing and the Florida Cavern's State Park, in addition to developing non-motorized launches at Hinson Conservation and Recreation Area and Gateway Overlook. Currently, the City has at least four access points to the Chipola River. All existing and proposed future uses of the Chipola River Greenway comply with the 1981 State of Florida Lands Management Plan, particularly in regards to "balanced utilization."



Event at Hinson Conservation Area - Marianna Optimist Club made bamboo poles and taught area families how to fish.

Multiple times the City has requested and been selected for acquisition funding for purchase of additional properties by the State of Florida to provide a trail connecting the three parks from the Hinson site to the Florida Cavern's State Park. Unfortunately, the property owners have not been interested in selling at the offered prices. The City will continue to pursue acquisition through a variety of resources.

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Purpose for Acquisition

Consistent with Chapter 259, Florida Statutes, the properties were acquired for the purposes of providing public access and passive recreational opportunities in areas of special habitats that require conservation to ensure the resources are maintained. The activities at Chipola River Greenway are passive. Fishing, paddling, hiking, picnicking, tubing and spelunking are recreational opportunities that allow enjoyment of nature but have low impacts on existing habitats. The City has no plans to encourage anything but passive recreational opportunities at these parks.

Single- or Multiple-Use Management

The City will utilize a multiple-use approach to management of resources for purposes of preservation and recreation. Proposed uses include partnering with area schools and agencies for education, research, protection, fire management, exotics control, and restoration of sensitive areas and unique habitats. The City of Marianna will assume management responsibilities and will not facilitate the services of a private land manager for management of these lands.

Alternative Uses

There were no alternative uses discussed that have not been included in this plan.

Surplus Acreage

There are no areas considered surplus. All property owned by the State and managed by the City of Marianna are being used.

Management Activities and Intent

The primary objectives of the land management plan are the provision of protection/restoration of natural vegetative communities, public recreation, and the sensitive habitats and historically significant resources. The City of Marianna is in the process of formulating strategies and will continue to formulate strategies. These strategies will guide exotic plant species removal, preservation and protection of environmentally, historically, and protected resources, and forestry/fire management activities. These plans will adhere to the principle that ecosystem protection takes precedence over development plans. The City of Marianna will coordinate with appropriate agencies to acquire necessary expertise to conduct site surveys for the purposes of assessing, on a site-specific basis, the current condition of, existing and

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potential threats to, and actions necessary for preserving and/or restoring significant resources of the properties prior to or as a part of development activities.

Impacts from planned uses on the renewable and nonrenewable resources of the subject property will range from no impact to minimal impact. Planned uses for the subject property include low impact trails with interpretive signs, cave management as proposed by an archeological cave management assessment, picnic facilities, playgrounds, primitive camping, and paved canoe launch that provides access to the Chipola River.

The Chipola River Greenway will be handled with a "preservation first" approach. Steps will be taken to provide visitors the opportunity for low impact recreation while simultaneously protecting nonrenewable and cultural resources. The previously created low-impact trail will be maintained in a manner as to best facilitate natural restoration of habitats negatively impacted by Hurricane Michael. The skill of a biologist will be utilized to perform a wildlife inventory that would identify natural resources, should any facility developments be planned. Likewise, the Department of State, Division of Historical Resources will be consulted before any land clearing or ground disturbing activities in order to protect the nonrenewable archeological resources. A Cave Management Plan will be established to ensure preservation of special cave features, while ensuring public safety. Safety and preservation measures will be provided in areas that could be hazardous to visitors or vulnerable to damage. Specifically, there is an open ground cave located inland and the Oven series located along the bank of the river. The Cave Management Plan will specifically address the safety and protection of these geological resources.

The only areas under consideration for paving are pavilions, facilities and the canoe launch. In addition, directional and interpretive signs are planned for placement throughout the trails. A primitive picnic facility is planned for a location near the canoe launch.

All proposed construction plans and other plans for improvements, including those identified in this plan will be submitted to the Office of Greenways and Trails for review and approval. All third-party agreements for easements, concession agreements or other actions affecting the site will also be submitted for review and approval by the Office of Greenways and Trails.

Land Management Review

Pursuant to ***Sec.259.032 Florida Statutes***, the City of Marianna has created a Land Management Advisory Group (LMAG) to advise and provide input to this document and future plans related to the Chipola River Greenway. The LMAG was provided a draft of

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this document for review and their suggestions were incorporated in its development. Members of this group include the following: Kenny Hamilton, City Commissioner (District 5); Jim Dean, City Manager; Kay Dennis, Municipal Development Director; Clay Wells, Parks and Recreation Director; Marty Vickery, land owner; Frances Stone, Avid Paddler; Rhett Daniels, County Public Works Director; Ben Allen, Terri Keith, Family and Consumer Services Expert with University of Florida IFAS; Ashley Kush, Horticultural Expert with University of Florida IFAS; Christie Andreasen, Director Jackson County Tourist Development Council; Randall Hinson, Former owner; Barry Tillman, and Lola Allard.

The proposed plan was available for the public review beginning on June 1, 2021. The Land Management Advisory Group met on June 17, 2021, July 8, 2021 and July 22, 2021 to provide the Advisory Group members the opportunity to discuss this management plan (*Appendix E*).

The Marianna Planning & Zoning Board met, reviewed the management plan, provided an opportunity for feedback, and recommended approval of transmission to the State on June 28, 2021 and July 26 (*Appendix E*). The Marianna City Commission held a public hearing on August 3, 2021 at 6:00 p.m. to provide additional opportunities for public input (*Appendix E*).

The notice of public hearings was posted on the parcels designated for management on Monday, June 1, 2021 (*Appendix E*). In addition, the public hearings were advertised in the Jackson County Floridan on June 26, 2021, July 17, 2021, and the Jackson County Times on July 22, 2021 (*Appendix E, Exhibit 1*). The Land Management Plan was posted on the City of Marianna website on June 1, 2021 and available the public to view beginning June 1, 2021 (*Appendix E, Exhibit 1*).

Habitat Restoration and Improvement

As resources permit, the restoration and improvement of natural landscapes and ecosystems will be supported. Consultation with the Florida Department of Environmental Protection, Florida Fish and Wildlife Commission, and US Fish and Wildlife Service will be the primary resources for habitat preservation and improvement guidance.

Upland restoration areas shall be identified and managed. For such areas identified for restoration, the appropriate agencies will be contacted for guidance and assistance. The agencies could include but are not limited to the Florida Department of Agriculture and Consumer Services, Florida Forest Service, the County Agricultural Extension Cooperative, the Florida Department of Environmental Protection, the Florida Natural Areas Inventory and the Florida Fish and Wildlife Conservation Commission.

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As this management plan indicates, the Chipola River Greenway properties have many natural resources that require protection and preservation measures. These resources include flora and fauna, sensitive habitats, unique rock and cave formations, and an outstanding water body. Since there is a significant amount of environmentally sensitive areas that support rare species within these properties, careful consideration of development and management practices must be utilized to avoid degradation. There are special areas of concern on the property that are extremely susceptible to human disturbance, and will require careful regulation to protect. All construction activities must be monitored closely to ensure development does not alter hydrological characteristics of wetlands, destroying habitats and contributing to water quality and flood control issues. In addition, only chemicals safe for aqua systems will be used for fertilizing plants and removing unwanted plants, especially in areas in and surrounding floodplains and wetlands to avoid negative impacts on water quality. A large quantity of the parcel is located in the FEMA floodplain and/or in jurisdictional wetlands. Proposed facilities built in these areas must be limited to open air, flood resilient picnic pavilions and boardwalks. The majority of Butler Recreation Area is within the floodplain. To minimize disturbances to these environmentally sensitive areas, proposed uses will be limited to trails, boardwalks, educational displays and picnicking activities. Location of trails and other facilities on all the Chipola River Greenway properties will be designed in accordance with best practices in order to maintain constant preservation of wetland areas. Natural resource protection and preservation will be accomplished through coordination with knowledgeable agencies including the Florida Department of Environmental Protection, Florida Natural Areas Inventory and the Florida Fish Wildlife Conservation Commission, among others. Interpretive signs will help to educate visitors on the importance of the preservation of important habitats and ecosystems. The City of Marianna will work with archeologists and biologists to establish a Cave Management Plan to protect natural rock formations and open caves, while at the same time ensure the safety of visitors to the site. The Ovens, found along the bank of the Chipola River and within the subject property, along with the open ground caves, will be managed according to the Cave Management Plan. Trash removal will be performed at all public access areas.

Prescribed Fire and Fire Management

Prescribed fire is a cost-effective tool used to reduce bio hazardous fuel buildups, control disease in young pines, improve wildlife habitats, preserve endangered animal and plant species, maintain fire-dependent ecosystems, while also protecting people and homes. The City of Marianna is working with the local office of Florida Forest Service with maintaining a Forestry Management plan. Prescribed burns are currently conducted semi-annually.

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Listed Species

City staff will coordinate and consult with appropriate federal, state, and local agencies to protect and manage designated species. Specifically, data collected by the Florida Fish and Wildlife Commission and the US Fish and Wildlife Service will be used as part of ongoing research and monitoring programs.

City staff will consult and coordinate with appropriate local, state and federal agencies for protection of imperiled species. Data provided by FWC and USFWS will be a guide for monitoring and periodic review.

Exotic and Invasive Species Management and Control

Exotic species are those plants and animals that do not naturally occur in an area and have been introduced, or their spread facilitated by human activities. Exotics often thrive in their new predator and disease-free environment, successfully out-competing native plants and animals for limited local resources (food, shelter, water, sunlight, etc). Some exotic species are able to co-exist with their native counterparts. Other exotics proliferate aggressively, threatening the survival of the established native flora and fauna subsequently altering the natural habitat. Exotic species control measures are necessary to prevent the alterations in habitat that could threaten the existence of native flora and fauna.

An extensive exotic species has not been developed for the Chipola River Greenways. Bamboo has been difficult to control on the southwestern side of Hinson Conservation Area. City staff and visitors have noted Japanese Honeysuckle, Chinaberry Trees, Wisteria, Mimosa, Privet, Chinese Tallow Trees, Brazilian Pepper, Lantana, Camphor trees and other exotics on the property. The City will coordinate with a biologist to identify exotic invasive species to minimize their destruction to natural communities.

The most invasive species will be given priority for eradication from the properties. The City of Marianna will coordinate with the Florida Fish and Wildlife Conservation Commission and other appropriate agencies in an effort to maintain a hearty native species population. This effort may include public education on the methods of exotic species introduction to the property in addition to plant eradication methods.

Public Access and Recreational Opportunities

In the aftermath of Hurricane Michael, the tree communities suffered significant damage on the subject properties resulting in debris and blockages throughout the trail

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system located on the Hinson Conservation and Recreation Area. The City has undertaken the task of restoring the trails to usable condition and have successfully removed large amounts of debris. However, the trails are not fully restored to their original condition and need additional restoration management. The City plans to replace wayfinding and information signage, and kiosks. Lastly, the City would like to continue to improve the recreational opportunities for residents by providing campsites and equestrian trails. To accomplish this, the City is actively seeking funding and will move forward with these projects as they become possible.

The City takes care to limit vehicular traffic to Hinson Conservation and Recreation during periods of excessive amounts of rain to ensure the safety of visitors and limit damage to the trails and ecosystem. Extensive work was performed to clear out trees in the Chipola River felled by Hurricane Michael. However, damage to the trees and further storms have continued to cause tree debris in the Chipola River. Visitors to Gateway Overlook, Yancey Bridge and Hinson continue to access the River for kayaking and fishing. As funding becomes available more tree debris removal will need to be performed.

Additionally, way-finding and information signage and kiosks need to be replaced. Lastly, the City would like to continue to improve the recreational opportunities for residents by providing opportunities for primitive camping and horseback riding. The additions of playgrounds, more picnic facilities and canoe landing improvements are also prioritized. To accomplish this, the City is actively seeking funding and will move forward with these projects as funding is available.

Hydrological Preservation and Restoration

Preservation and restoration of the aquifer and Chipola River waters is a priority for the City of Marianna. The City is striving to identify non-point sources of pollution and implement improved stormwater management practices. Plans created in conjunction with FEMA (R2P2) have mapped out a hybrid system of stormwater management that reduces the runoff that discharges into the Chipola River and enables improved infiltration rates to recharge ground water sources. The City is currently pursuing funding in order to undertake this project.

Forest Resource Management

In previous years the City of Marianna has partnered with the Florida Forest Service to provide fire breaks and controlled burns at Hinson Conservation and Recreation Area. The fire breaks eliminate fuel for forest fires and prevent fires from spreading. The controlled burns reduce hazardous forest fires to protect natural habitats, homes and people. Controlled burns are also effective in preservation of endangered species,

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disease control in plants and overall habitat improvement. The City will continue to work with the Florida Forest Service. Gateway Overlook does not have a forest to manage. The Florida Forest Service found Butler Recreation Area to be too boggy and wet to have controlled burns. Fire Breaks were provided within the park to protect the forest and the nearby residential area.

Recently the City of Marianna applied for funding to create a database and maps of trees in the City.

Cultural Resources

A search of the Florida Master Site File has resulted in no cultural resources recorded for the Chipola Greenway properties. Although there are no recorded archaeological sites the areas may contain unrecorded archaeological sites, historical structures or other sources not previously recorded. Therefore, the City of Marianna will follow the guidelines set up in “Management Procedures for Archeological and Historical Site and Properties on State-owned or Controlled Lands” The City is aware that a significant event in City of Marianna’s history occurred at the Chipola Bridge on September 27, 1864 during the US Civil War. The event is forever recorded with a historical marker placed near Gateway Overlook illustrating the determination and courage of confederate soldiers who held off Union soldiers by removing the wood flooring of the bridge.

Although not required, the City of Marianna is interested in working with the State of Florida in coordinating additional archeological site surveys and incorporating archeological and historical information into educational activities and protection efforts.

The City of Marianna acknowledges the requirement to consult the Division of Historic Preservation, Department of State before taking actions that may adversely affect archeological and historical resources. The city is committed to adhering to this policy.

Capital Facilities and Infrastructure

As part of the City’s efforts to protect the hydrological integrity and ecosystems of the Chipola River, a stormwater park has been designed for Butler Recreation Area that will be part of a hybrid stormwater management system. The City is actively seeking funding and will work on starting the project as it becomes financially viable.

Encouraging walkability within the Chipola Greenways and increased eco-tourism is a high priority for the City. To achieve both goals the City has long-range plans to purchase additional land and build a pedestrian bridge across Chipola River to connect the greenway properties as funding becomes available. Hinson Conservation and

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Recreation Area is popular among locals and tourist looking to hike, canoe, fish and hold family events.

Optimal Boundary

The City of Marianna is interested in acquisition of parcels that connect Hinson Conservation and Recreation Area, Butler Recreation Area, and Gateway Overlook properties together.

In 2003, the City of Marianna was approved for a project for the acquisition of eleven additional parcels (approximately 183 acres), all of which are located along the western shoreline of the Chipola River. The proposed acquisition parcels are contiguous to the currently managed lands and other City owned properties. Using the three currently leased parcels as a nucleus for the trail, the City of Marianna wants to secure a lease on the other eleven proposed parcels to connect the Marianna Greenways Trail.

The project required the acquisition of eleven parcels owned by nine different property owners. The City wants to manage the parcels and establish passive recreational trails, canoe launches, picnic facilities, and playgrounds. To this means, the Marianna City Commission adopted by Resolution # 2003-7 a waterways trail and hiking/exercise trail plan (*Appendix A, Exhibit 10*). The restoration of the Griffin Industries parcel (formerly a rendering plant) would involve removal of existing dilapidated structures and impervious surfaces on the site and the replanting of native species. An additional benefit that would be derived from the project is a portion of the property will be used as a stormwater retention area to treat the stormwater runoff from the northeastern quadrant of the City, which is currently dumping into the Chipola River. The Griffin Industries cleanup would also reduce untreated stormwater, which is currently emptying directly into the Chipola River. Upon completion, most of the approximately 4.5-mile-long trail would be located directly along the Chipola River. The entire trail would be located within the City of Marianna's urban service area, conveniently accessible to all the City's citizens. In addition to use by local citizens, it is anticipated that the trail will be enjoyed by County citizens and may serve as a regional tourist attraction.

There are plans for several observation areas that overlook the river at strategic locations along the Riverbank. The project includes two canoe launch areas, one new launch to be located at the north end of the project site and one existing launch located at the Hinson parcel. Playground and beach volleyball courts will be constructed on the property formerly owned by New Life Family Church property. A physical fitness trail would be constructed along a portion of the nature trail, as well as several par stations. The trails will also include interpretive signs along the route pointing out types of

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vegetation that are present and animal species that live on the land and in the river. The signs will be designed so that they are not intrusive and will not distract from the beauty of the area.

Hope School, the eastern boundary of which is contiguous to the trail and both the northeast and southeast parcels of the Butler Recreation Area, had committed to conduct a minimum of twenty-four environmental educational classes per year for their students. The classes will be part of their “down by the riverside” series and will teach the students the importance of the Chipola River in their history, the importance of protecting and preserving the River and the different types of plant and animal life that is found within and along the banks of the River.

All of the parcels are contiguous to the Chipola River. The transition from the river to the parcels proposed for purchase in this application ranged from areas with fairly significant limestone bluffs to areas that provide a wide wetlands transition to the slopes leading to the upland properties. Several of the parcels contain lowlands extending approximately 100 feet inland from the river’s edge. The land then slopes, rising steeply in elevation as you transverse the next 500 feet away from the river. Construction of boardwalks will be required to complete the Chipola River Greenway in some of the areas along the riverbank that consists predominately of wetland and lowland communities.

The Tid Properties, LLC, Charles Butler parcel, and portions of the Fred M. Webb, Sr. parcels all contain significant upland communities, which include the following types of trees: American Beech, Southern Magnolia, Spruce Pine, White Oak, and dogwoods. Additionally, wildflowers found in the area include: Atamasco Lily, Lyre-Leaf Sage, Columbine Mayapple, Yellow Leafcup and the Cardinal Flower. The upland communities on these parcels total approximately ninety-two acres. Natural communities cover in excess of ninety percent of these parcels.

The Fred M. Webb, Sr. parcel contains the historic L & N Railroad Bridge site (Master Site File Form JA01733). Sites JA00467, the “Hinson Tree House,” JA00466, the “Hinson Orchard Sink,” and JA00465, “Insurance Mansion,” are all located on the Chipola River Greenway property within ¼ mile of the parcels for purchase. The City of Marianna staff have reason to believe additional archeological artifacts may exist, especially in areas around caves.

The City of Marianna parcel, as well as portions of the Enrico Raccach and Fred M. Webb, Sr. parcels contain significant wetland communities totaling approximately forty-five acres. These areas are located in floodplains, which are made up of freshwater marshes and cypress swamps. Trees in the area include of loblolly pine, eastern cottonwood, sweet gum and water oak. These areas are nearly one hundred percent

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natural communities. This area contains one of the highest concentrations of imperiled natural communities in the state. The adjacent section of the Chipola River has a significant community of Chipola Slabshell (*Elliptio chipolaensis*) mollusk, which is considered “imperiled” or “critically imperiled.” It is estimated that the community covers a five-acre area. By protecting the shoreline from development and addressing the stormwater runoff entering directly into the river, the communities in this area will be protected.

Several of the parcels proposed for purchase contain limestone caves, which contain the southeastern bat (*Myotis austroriparius*). The number of bats that inhabit this area is estimated at around one hundred. The purchase of the property by the City and the use of the property for preservation purposes would preserve and protect these caves and their inhabitants.

The area surrounding the trail has paved streets, and municipal water, sewer and gas services available. The proposed site is less than one half mile from downtown Marianna, the City’s commercial, restaurant and business center.

The project is located in the City of Marianna downtown Community Redevelopment Area (CRA). In addition, the proposed parcels have been targeted for purchase by FDEP as part of the “Middle Chipola River” project, due to the uniqueness of terrain and number of endangered species inhabiting that area. The City of Marianna proposes this project to provide protection and passive recreational enjoyment of the natural features, while enhancing economic development opportunities in the area.

Ultimately, the City would like to connect to the Florida Caverns State Park Land to the north and continue the project along the entire length of the City limits along the Chipola River south. In addition, the City is working with Jackson County to connect the County and City greenways for a joint and more regional project.

From the 2003 application, only the Butler property was acquired. In 2014 the City of Marianna followed up with another acquisition application.

Research Opportunities

Habitat loss is one of the environmental costs of Hurricane Michael. An ongoing challenge since October 2018 has been restoration of habitats on Hinson Conservation and Recreation Area and Butler Recreation Area. Related to this concern is how imperiled flora and fauna have survived the destruction and whether they will return as prolifically as prior to the hurricane. Additionally, investigation into whether Hurricane Michael brought in more and different non-native invasive plant life would be beneficial to management.

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Soil and Water Resource Conservation

The City of Marianna is sensitive to the need for soil and water conservation. One of the first measures will be to ensure adequate and healthy ground cover in open areas to decrease pollutants entering the Chipola River and decrease soil erosion. The City will also utilize boardwalks in sensitive areas to decrease foot traffic in areas of concern. Another measure will be the constant patrol and removal of trash from the area. Finally, the City will take necessary steps to prevent negative stormwater affects.

The City of Marianna will work with FDEP, FFWCC, FDOT, the local health unit, local law enforcement, local service organizations, and local educational assets in accomplishing these and other objectives in this plan. The City of Marianna believes that through community involvement ownership and responsibility for the Chipola River Greenway will be created.

Cooperating Agencies

City staff will continue to cooperate with the Florida Department of Environmental Protection, Division of State Lands, and the Florida Department of State, Division of Historical Resources relative to future improvements on the sites. Coordination with the Florida Fish and Wildlife Conservation Commission has been helpful for security at Hinson Conservation and Recreation Area.

Anthropod Control Plan

The Chipola River Greenway has many types of anthropoids. Many have important ecosystem roles, because they are invaluable agents in pollination. Due to the numbers and diseases related to encounters, some anthropods are pests. Land managers must find a balance between treatment that removes the unwanted anthropods, and protecting fireflies, bees, butterflies and other wanted anthropods.

The City of Marianna and the Jackson County Health Department offer a mosquito control program. Spraying takes place in residential areas throughout the City. However, insecticides kill firefly larvae, and mosquito pellets and broad-spectrum sprays are harmful to adult fireflies. Area environmentalists and citizens have requested Hinson Conservation and Recreation Area, and Butler Recreation Area not be sprayed so to enjoy the fireflies. The City recommends visitors to these areas use repellent on their bodies to avoid unwanted mosquitoes and ticks. In addition, visitors are encouraged to tuck their pants into their socks or boots to help prevent ticks from attaching to their clothing, and to wear light weight long sleeved shirts to help prevent mosquito bites, especially while in the wooded areas.

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Maintenance and Security

As the Chipola River Greenway develops the need for increased maintenance and security will be needed. Since the onset, the City of Marianna has provided security fencing that is closed at sunset, security cameras in sensitive areas, patrols by the City of Marianna Police Department and garbage removal. However, as the park increases in size, the City of Marianna will look toward staffing the facility to ensure protection of sensitive resources, provide emergency support, and provide information relative to the environment.

Greenways Connectivity

At the present there are parcels that prevent the connectivity of the Hinson Conservation and Recreation Area with the Butler Recreation Area and the Gateway Overlook. The City of Marianna will continue to pursue acquisition of parcels between the three sections. If the three sections never meet, each will be managed separately. However, the ultimate goal of the project is to connect the City managed parcels together and then connect the City managed parcels with the Jackson County managed parcels to form a regional trail. The ultimate goal is to connect to Chipola River Greenway to other greenways to the coast and throughout the state to provide tourists an opportunity to enjoy long, short, overnight, and day trips. Connectivity is crucial for regional marketing efforts.

Management Responsibilities

Table 2.

River and Trail Cleanup, Removal of Nonnative Invasive Species, etc.	Chipola River Greenway Volunteers
Law Enforcement/Security	City of Marianna Police Department; Florida Fish and Wildlife Conservation Commission
Construction and Maintenance	City of Marianna Public Works and Recreation Departments, Jackson County Inmate Labor

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Planning, Design, Review, Oversight, Administration and grants	City of Marianna Commission, Planning and Zoning Board, Municipal Development Department, City of Marianna Recreation Department.
Advisory	Chipola River Greenway Land Management Advisory Group

Resource Management Goals and Objectives

Extensive damage to the greenway properties occurred during the impact of Hurricane Michael in October of 2018. The City of Marianna was devastated as well and is still in recovery mode. However, the city remains committed to its goal of safeguarding the natural resources it manages and ensuring that residents have access to low impact, ecologically responsible recreational activities.

The City's long-term goals is to rebuild from Hurricane Michael while improving upon the greenways so that the beautiful ecosystem can be enjoyed for many generations. Ecotourism is not the City's only goal. Greenways are important as a means of educating the public on the region's history, boundless natural beauty, animal habitat and importance of protecting both.

Habitat Restoration and Improvement

Objective: The City of Marianna is dedicated to reestablishing damaged habitats and protecting existing habitats.

The City's short-term (2-year) management goals include:

- Collaborate with State and Federal agencies to secure grant funding to restore the greenway properties following Hurricane Michael.
- Upon securing funding, conduct biological assessments for each parcel within the Chipola River Greenway, paying special attention to damage sustained to ecosystems during the hurricane and identifying any critical habitats that may be or have been jeopardized.
- With the findings of the assessment, formulate a restoration plan to effectively mitigate the damage from Hurricane Michael and facilitate the recovery of critical habitats found within the greenways. This could include amendments to burn management plans as well as increased eradication of invasive species so as to

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ensure they don't overtake native species during a period when those populations are vulnerable.

The City's long-term (10-year) management goals include:

- Implement the strategies outlined in the restoration plan of the natural landscape.
- Develop and implement a sustainable forestry management plan.
- Provide signage educating visitors on protection of habitats.
- Continually monitor element occurrences within subject properties to ensure populations of critical wildlife species haven't been negatively impacted due to habitat alteration.
- Develop an effective electronic means to track progress of habitat restoration and critical species populations.

Prescribed Fire Management

Objective: The City of Marianna is dedicated to preventing forest fires.

The City's short-term (2-year) management goals include:

- Collaborate with State and Federal agencies to secure grant funding to restore the greenway properties following Hurricane Michael.
- Upon securing funding, conduct assessments of the woodland portions for each parcel within the Chipola River Greenway, paying special attention to damage sustained during the hurricane. Many trees were damaged or lost due to the nature of the disaster and intervention may be needed in order to help those ecosystems restore their status.
- With the findings of the assessment, formulate a restoration plan to effectively mitigate the damage from Hurricane Michael and facilitate the recovery of dominant tree communities found within the greenway. This could include amendments to the burn management plan, as well as increased eradication of invasive species.

The City's long-term (10-year) management goals include:

- Implement the strategies outlined in the restoration plan.
- Continue to work with the Florida Forest Service to implement prescribed burn management that considers the altered ecosystem after the hurricane.

Listed Species Management

Objective: The City of Marianna is dedicated to protecting species of concern.

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The City's short-term (2-year) management goals include:

- Coordinate with State and Federal agencies to secure grant funding for restoration of the greenway properties following Hurricane Michael.
- Upon securing funding, conduct biological assessments for each parcel within the Chipola River Greenway, paying special attention to damage sustained to ecosystems during the hurricane and identifying any populations of critical species that may be jeopardized.
- With the findings of the assessment, formulate a restoration plan to effectively mitigate the damage from Hurricane Michael and facilitate the recovery of critical habitats necessary for threatened/endangered species found within the greenway. This could include amendments to burn management plans as well as increased eradication of invasive species so as to ensure they don't overtake native species during a period when those populations are vulnerable.

The City's long-term (10-year) management goals include:

- Implement the strategies outlined in the restoration plan.
- Develop a listed species occurrence inventory list.
- Develop invasive plant eradication plan.
- Continually monitor element occurrences within subject properties to ensure populations of critical wildlife species haven't been negatively impacted due to habitat alteration.
- Develop an effective electronic means to track progress of habitat restoration and critical species populations.

Public Access and Recreational Opportunities

Objective: The City of Marianna is dedicated to providing citizens and visitors public access and recreational opportunities within the Chipola River Greenways.

The City's short-term (2-year) management goals include:

- Replace information signage.
- Upon finding funding, implement the design for primitive camping facilities located on the Hinson Conservation and Recreation Area.
- Work with local Boy Scout troops to provide a children's trail at Hinson Conservation and Recreation Area
- Provide increased signage, awareness and marketing to include awareness, education, engagement, maintenance, trail pride and bird watching.
- Establish an autism nature trail.

The City's long-term (10-year) management goals include:

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- Work with State and Federal agencies to secure grant funding for acquisition of adjacent properties so as to connect the Butler Recreation Area with the Hinson Conservation and Recreation Area.
- Connect the Chipola River Greenway with the Chipola Greenway managed by Jackson County so as to accomplish the goal of the creation of a regional trail of both greenways and waterways.
- Work with the Florida Trail Association to re-establish trails.

Hydrological Preservation and Restoration

Objective: The City of Marianna is dedicated to preservation and restoration of ground water.

The City's short-term (2-year) management goals include:

- Work with State and Federal agencies to secure grant funding to assist with recovery following Hurricane Michael.
- Continue to work with FEMA to formulate plans for improved stormwater management in critical areas near the greenways that are currently impacting the river.

The City's long-term (10-year) management goals include:

- Upon securing funding, plan and construct a stormwater park with passive recreational capabilities on the Northwest parcel of the Butler Recreation Area.
- Upon securing funding, improve upstream mitigation network feeding into Chipola River including improving natural drainage along streets and underground stormwater vaults.

Exotic and Invasive Species Maintenance and Control

Objective: The City of Marianna is dedicated to eradicating exotic and invasive species on the Chipola River Greenway.

The City's short-term (2-year) management goals include:

- Provide public information regarding the dangers of introducing invasive/exotic flora in classes, on kiosks and park flyers.
- Coordinate with State and Federal agencies to secure grant funding to restore the greenway properties following Hurricane Michael.

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- Upon securing funding, conduct biological assessments for each parcel within the Chipola River Greenway, paying special attention to damage sustained to ecosystems during the hurricane and identifying any areas in which exotic and invasive species might be of critical concern in regards to slowing down or preventing the recovery of native species.
- With the findings of the assessment, formulate a plan to effectively identify, track, and remove exotic and invasive species.

The City's long-term (10-year) management goals include:

- Work with Northwest Florida Water Management District and the Florida Department of Environmental Protection to limit the spread and growth of invasive species (*Appendix B, Exhibit 1*).
- Continue to implement and improve public information to alert and educate visitors of the potential of spreading invasive/exotic flora into the parks.
- Implement the strategies outlined in the restoration plan.
- Continually monitor the greenway properties to ensure levels of exotic or invasive species are kept to minimal acceptable levels.
- Develop an effective electronic means to trace occurrences of exotic and invasive species, population numbers, and scheduled activities to eradicate them

Capital Facilities and Infrastructure

Objective: The City of Marianna is dedicated to providing necessary infrastructure to support passive recreational use of the Chipola River Greenways.

The City's short-term (2-year) management goals include:

- Work with State and Federal agencies to secure grant funding to continue improving recreation capacities of greenway properties.
- Upon securing funding, re-establish the trails located on the Butler Recreation Area and the Hinson Conservation and Recreation Area.
- Upon securing funding, implement the design for an equestrian trail located on the South loop of the Hinson Conservation and Recreation Area's trail system.

The City's long-term (10-year) management goals include:

- Upon securing funding, plan and construct a pavilion area for Butler Recreation Area.

Cultural Resources

Objective: The City of Marianna is dedicated to preserving historic artifacts, caves and cultural remains at the Chipola River Greenways.

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The City's short-term (2-year) management goals include:

- Work with State and Federal agencies to secure funding for the creation of kiosks to inform visitors of culturally and historically significant areas within the greenway.
- Educate the public regarding steps to take when an artifact has been located.

The City's long-term (10-year) management goals include:

- Work with State and Federal agencies to secure funding to designate a public building/space within the city limits that can serve as a natural history museum for artifacts found on greenway properties.
- Hinson camp house improvements.

Outreach

Objective: The City of Marianna is dedicated to ecotourism outreach projects, so that more people can visit the beautiful Chipola River Greenways.

The City's short-term (2-year) management goals include:

- Educate the public regarding the available resources and conservation.
- Continue to coordinate with local/state agencies in promoting the City's recreational resources
- Update flyers and provide flyers to welcome centers, the Jackson County Chamber of Commerce and other locations that would promote the area.
- Update kiosk information for visitors.
- Update trail maps with points of interest.

The City's long-term (10-year) management goals include:

- Develop a marketing strategy and a publicity program.

Table 3. Ten-Year Implementation Schedule, Measures and Cost Estimates

Management Activity	Planning Period	Estimated Cost
Habitat Restoration and Improvement	Ongoing	\$10,000 annually
Listed Species Management	Ongoing	\$3,000 annually

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

Public Access and Recreational Opportunities		
1. Access Improvements Butler Recreation Area	2023-2027	\$800,000
2. Trail Construction and Maintenance Butler Recreation Area	2026-2031	\$300,000
3. Trail Maintenance at Hinson Conservation and Recreation Area and Butler Recreation Area	Ongoing	\$10,000 annually
4. Children's Trail Creation at Hinson Conservation and Recreation Area	2021-2025	\$25,000
Exotic and Invasive Species Maintenance and Control	Ongoing	\$15,000 annually
Capital Facilities and Infrastructure		
1. Stormwater Facility at Butler Recreation Area	2021-2025	\$11 million
2. Campground Infrastructure Hinson Conservation and Recreation Area	2024-2027	\$500,000
3. Pavilions at Hinson Conservation and Recreation Area	2023-2031	\$200,000
4. Playground equipment at Hinson Conservation and Recreation Area	2025-2027	\$100,000

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

5. Equestrian Trail creation at Hinson Conservation and Recreation Area	2023-2028	\$100,000
6. Restrooms at Hinson Conservation and Recreation Area	2027-2031	\$200,000
7. Restrooms at Gateway Overlook	2027-2031	\$200,000
8. Restrooms at Butler Recreation Area	2027-2031	\$200,000
9. Hinson signage	2022-2026	\$100,000
10. Gateway Overlook Pedestrian Crossing and Connection to Jackson County Greenways	2025-2031	\$10 million
11. Canoe launch Butler Recreation Area	2023-2031	\$150,000
12. Canoe Launch Improvements at Hinson Conservation and Recreation Area	2023-2031	\$200,000
13. Improvements to Hinson Camphouse	2028-2031	\$100,000
14. Kiosks	2021-2025	\$200,000
15. Research Opportunities	Ongoing	Unknown
Outreach	Ongoing	\$10,000 annually

Resource Management Challenges and Strategies

The most significant challenge is restoration and preservation of the Chipola River Greenways following a category 5 hurricane, while continuing to maintain water quality and protect sensitive habitats still in existence that support rare flora and fauna.

Another challenge is management of City stormwater runoff at Butler Conservation Area that brings with it debris and silt to the Chipola River. The current stormwater system is not adequate and presents a public safety threat to homes and people in the area.

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

A third challenge is development of Butler Conservation Area while protecting the jurisdictional wetlands, which are subject to frequent flooding. To mitigate and minimize impacts, the City will take care in development by using elevated boardwalks. Educational kiosks will also be provided to educate visitors about the importance of preserving wetland areas.

Prioritized Management and Success Strategies

1. *Improve connectivity of public lands and increase opportunity for public use.* Continue to work with local land owners and State officials to connect the Chipola River Greenway through conservation easements and purchases.
2. *Work with the Northwest Florida Water Management, FDEP and Jackson County and other Counties to create a connected greenway system that extends to the coast.* Look for opportunities to create a connectivity and coordinate effort for funding and development.

Hinson Conservation and Recreation Area

1. *Reestablishment of Trails.* The City will seek funding opportunities and partnerships to re-establish trails that are in many areas unidentifiable.
2. *Replace damaged signage and kiosks.* Replace preexisting signage and kiosks and add additional signage and kiosks to educate and direct the public.
3. *Work with the Federal, State and Local Officials and Experts to protect existing and reestablish damaged habitats.* The City will seek expert advice on preservation of undamaged areas and reforestation of damaged areas in a manner that creates ideal surroundings for sensitive flora and fauna to thrive.
4. *Development of Equestrian Trails in areas that are not sensitive to impacts.* Create an equestrian trail system on the southwestern portion of the park in a manner that allows for the optimal equestrian experience but protects sensitive areas.

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

5. *Eliminate exotic and invasive plant species.* Work with stakeholders, the County Forester and local experts on creation and implementation of an eradication plan.
6. *Develop additional picnic facilities with playgrounds.* In upland areas provide pavilions and playgrounds for families to enjoy.
7. *Development of a campground.* Develop a campground for tourists.
8. *Move and renovate the existing camp house.* Move the camp house to entrance of the park and renovate it to serve as a visitor center/museum.
9. *Improve access and experience quality of the park.* Provide additional program accessible parking and restrooms.
10. *Provide a visitor focused product.* Establish a budget for staffing and park maintenance.

Gateway Overlook

1. *Provide pedestrian access across the Chipola River.* Seek out State and Federal funding to provide a multi-use elevated trail across the Chipola River.

Butler Recreation Area

1. *Reestablishment of Trails.* The City will seek funding opportunities and partnerships to reestablish trails that are in many areas unidentifiable.
2. *Replace damaged signage and kiosks.* Replace preexisting signage and kiosks and add additional signage and kiosks to educate and direct the public.
3. *Work with the Federal, State and Local Officials and Experts to protect existing and reestablish damaged habitats.* The City will seek expert advice on preservation of undamaged areas and reforestation of

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

damaged areas in a manner that creates ideal surroundings for sensitive flora and fauna to thrive.

4. *Eliminate exotic and invasive plant species.* Work with stakeholders, the County Forester and local experts on creation and implementation of an eradication plan.
5. *Improve picnic facilities and add a playground.* Provide a pavilion and playground for families to enjoy.
6. *Improve and protect water quality of the Chipola River.* Develop a system of cascading stormwater facilities to filter debris and sediment, and to prevent flooding. Install landscaping and trails around the facility located at Butler Recreation Area.
7. *Develop new trails.* Plan and develop new trails in a manner that protects wetland areas and sensitive habitats.
8. *Improve access and experience quality of the park.* Provide better parking.

Analysis of Potential for Contracting Private Vendors for Restoration and Management

It's the City's intent to continue management and restoration of the Chipola River Greenway properties. Should the City decide to investigation the potential for private vendors, any proposed subleasing action will meet compliance with the lease agreement between the City of Marianna and the Board of Trustees of the Internal Improvement Trust Fund.

Some of the potential vendor opportunities are:

- Watercraft operations
- Campground management
- Park management
- Invasive Plant Removal
- Cabin Management (museum/gift shop)
- Security

Accomplished Objectives from 2006 Management Plan

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

The primary objectives of the 2006 Management Plan involved assessing and maintaining resources, managing the properties, creating a volunteer group, and opening the parks. The City has been successful in meeting these objectives. In supporting the provision of public recreation, the City worked with the Florida Trail Association to create trails at Hinson Conservation and Recreation Area. Additionally, Gateway Overlook was developed and trails were provided at Butler Conservation Area.

Compliance with Federal, State and Local Government Requirements

Management of the Marianna Chipola River Greenway properties is consistent with the State Lands Management Plan, and the City of Marianna Comprehensive Plan.

Income and Expenses

The 2020 revenues for the City of Marianna recreation department are as follows: Revenues = \$70,752.47; and Expenditures = \$92,959.01. Operational costs are supplemented by the City's General Revenue Fund and donations made by visitors.

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

References

- Blanchard, J., S. Jue & A. Crook (1998). *Florida conservation land 1998*. Tallahassee, Florida. Florida Natural Areas Inventory.
- Carlisle, V. W. (ed.) (1995). *Hydric soils of Florida handbook*. Florida Association of Environmental Soil Scientists.
- City of Marianna (2003). Resolution 2003-7 and Map.
- City of Marianna (2002). South Marianna trail & boat landing management plan.
- Cox, J., R. Kautz, M. MacLaughlin, & T. Gilbert (1994). *Closing the gaps in Florida's wildlife habitat conservation system*. Tallahassee, Florida. Florida Fish and Wildlife Conservation Commission.
- Environmental Data Resources (1998, August). Southport, CT.
- Environmental Services, Inc. (2002). *Ecological assessment and management report: Hinson Tract*. Destin, Florida.
- Federal Emergency Management Agency. FIRM flood insurance rate map: Jackson County, Florida and incorporated areas, Panels 12063C0313D, 12063C0314E, and 12063C0315D.
- Florida Department of State Division of Historic Resources. Florida Master File. Tallahassee, Florida.
- Florida Exotic Pest Plant Council's 2015 List of Invasive Plant Species.
- Florida Fish and Wildlife Conservation Commission.
- Florida Natural Areas Inventory and Florida Department of Natural Resources (1990). *Guide to the natural communities of Florida*. Tallahassee, Florida.
- Florida Natural Areas Inventory. Element Occurrence Records.
- Harding, Gregg E. and Ramie A. Gougeon (2021). *Phase I Cultural Resources Assessment Surveys of the Hinson Conservation and Recreation Park and Jackson County Greenway in Jackson County, Florida*.

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

Langeand, K. A., & K. C. Burks (eds) (1998). *Identification and biology of non-native plants in Florida's natural areas*. University of Florida. Gainesville, Florida.

Moore, W. E. (1955). *Geology of Jackson County, Florida*. Florida Geological Survey Geological Bulletin No. 37.

Southeastern Geological Society. *The Floridan Aquifer within the Marianna Lowlands*. August 2, 2003.

U.S. Department of Agriculture Soil Conservation Service & University of Florida Institute of Food and Agricultural Experiment Stations Soil Science Department (1979, July). Soil survey of Jackson County, Florida.

U.S. Geological Survey & State of Florida Agencies. Geological Survey: Marianna, Florida. Map 30085-G2-TF-024. Series DMA 3945 I SW-Series V847.

WRS (1998). *Phase I environmental site assessment: Florida Public Utilities parcel*. Tallahassee, Florida.

WRS (1998). *Phase I environmental site assessment: Hinson parcel*. Tallahassee, Florida.

WRS (1998). *Phase I environmental site assessment: Surgnier parcel*. Tallahassee, Florida.

**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT PLAN**

Appendix A - Maps

- Exhibit 1 – Location
- Exhibit 2 - Nearby Land and Water Resources
- Exhibit 3 - Future Land Use
- Exhibit 4 - Zoning
- Exhibit 5 - Topography
- Exhibit 6 – Soils
- Exhibit 7 - Wetlands
- Exhibit 8 - Floodplains
- Exhibit 9 - Greenway

Appendix B

- Exhibit 1 – FNAI
- Exhibit 2 - FLEPPC

Appendix C – Cultural

- Exhibit 1 - Wisenbaker Letter
- Exhibit 2 - State Historic Preservation Office, Florida Master Site File Letter
- Exhibit 3 - Cultural Resource Assessment Surveys
- Exhibit 4 - Cave Reports

Appendix D – Comprehensive Plan Letter

Appendix E – Public Meeting Information

- Exhibit 1 - Advertisements
- Exhibit 2 - Agendas and Minutes

Appendix F – Legal Documents

Appendix G – Hinson Conservation and Recreation Area Master Plan

Appendix H – State Documents

Appendix I – Designations

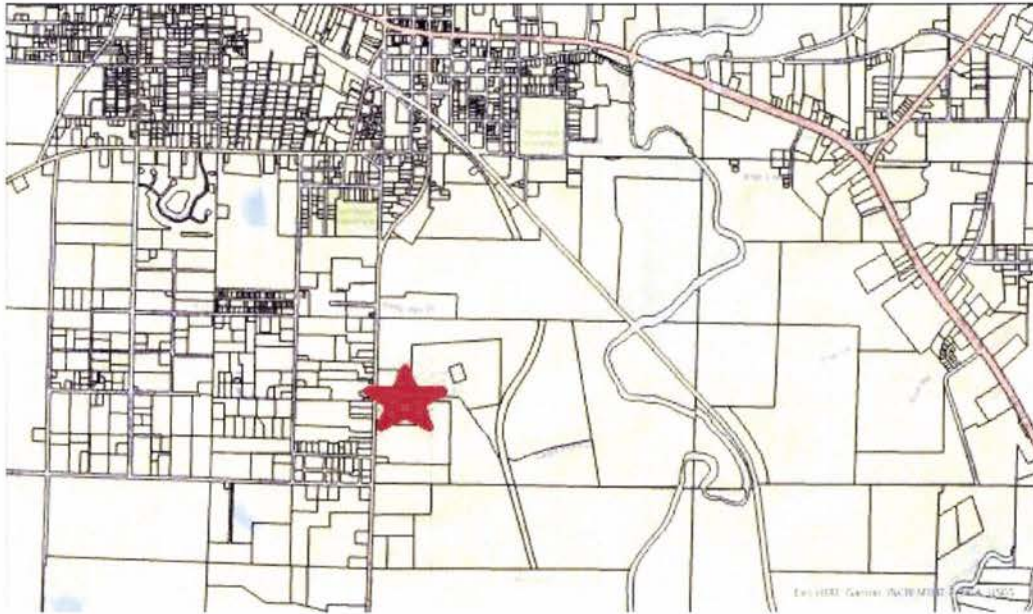
- Exhibit 1 – National Recreational Trail
- Exhibit 2 - Great Florida Birding and Wildlife Trail

Appendix J – R2P2 Plan

Appendix A

Exhibit 1

**SITE LOCATION MAP
HINSON CONSERVATION
AND RECREATION AREA**



SITE LOCATION MAP BUTLER RECREATION AREA



SITE LOCATION MAP BUTLER RECREATION AREA

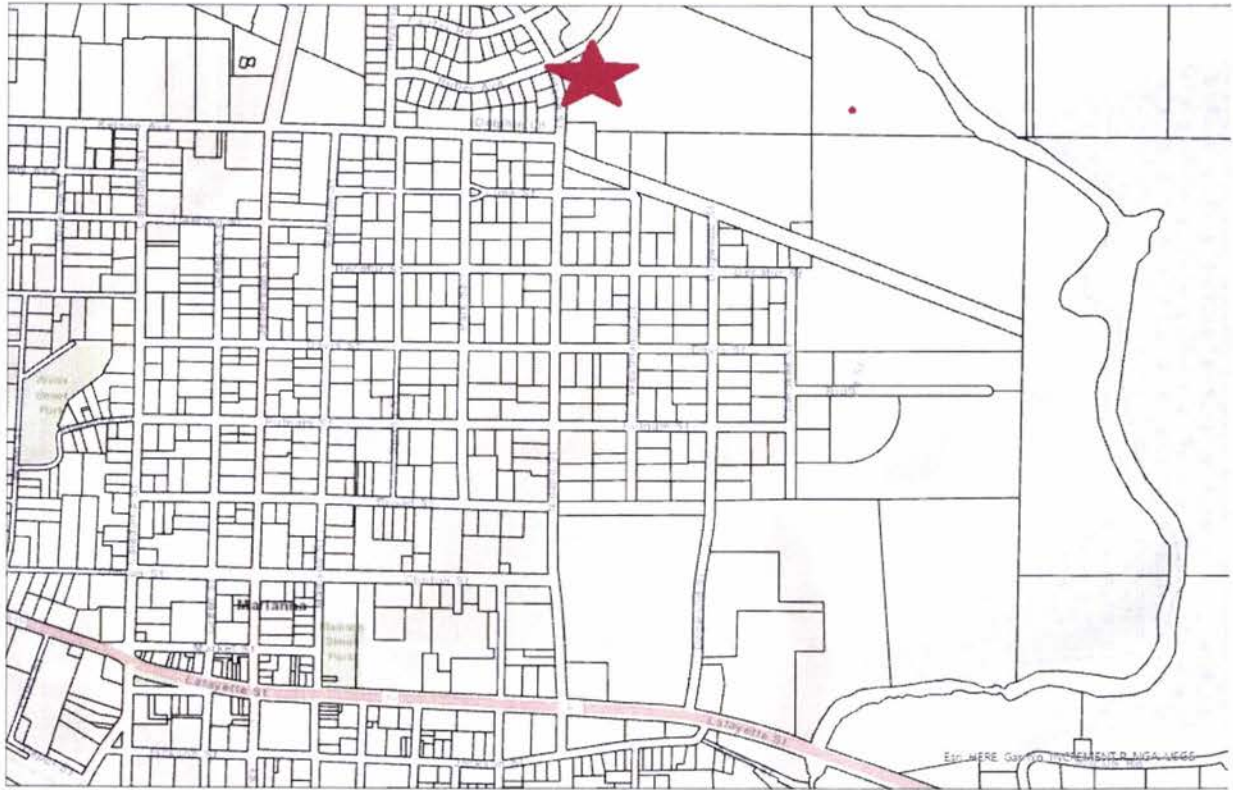


Exhibit 2

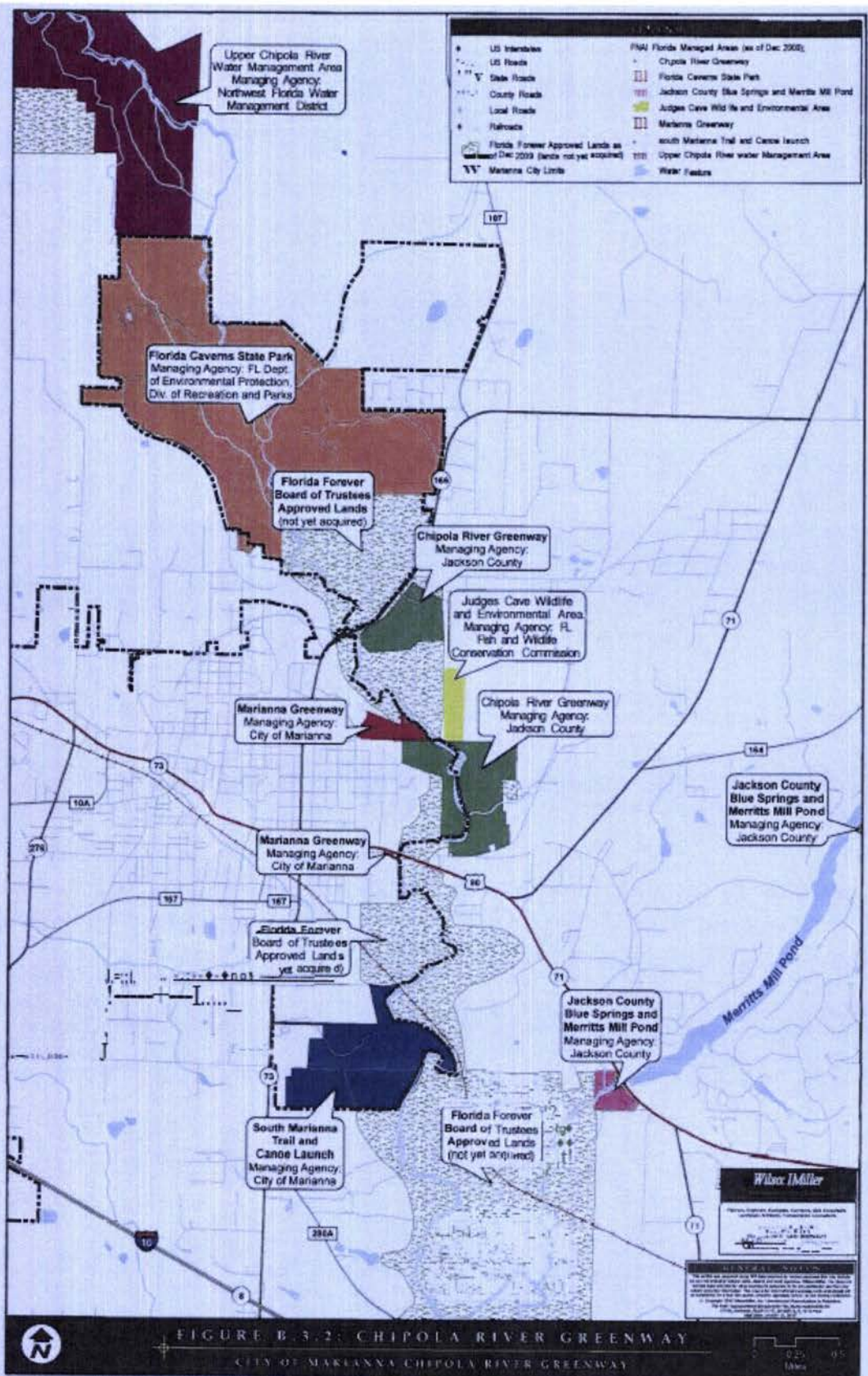


Exhibit 3

Exhibit 4

CITY OF MARIANNA

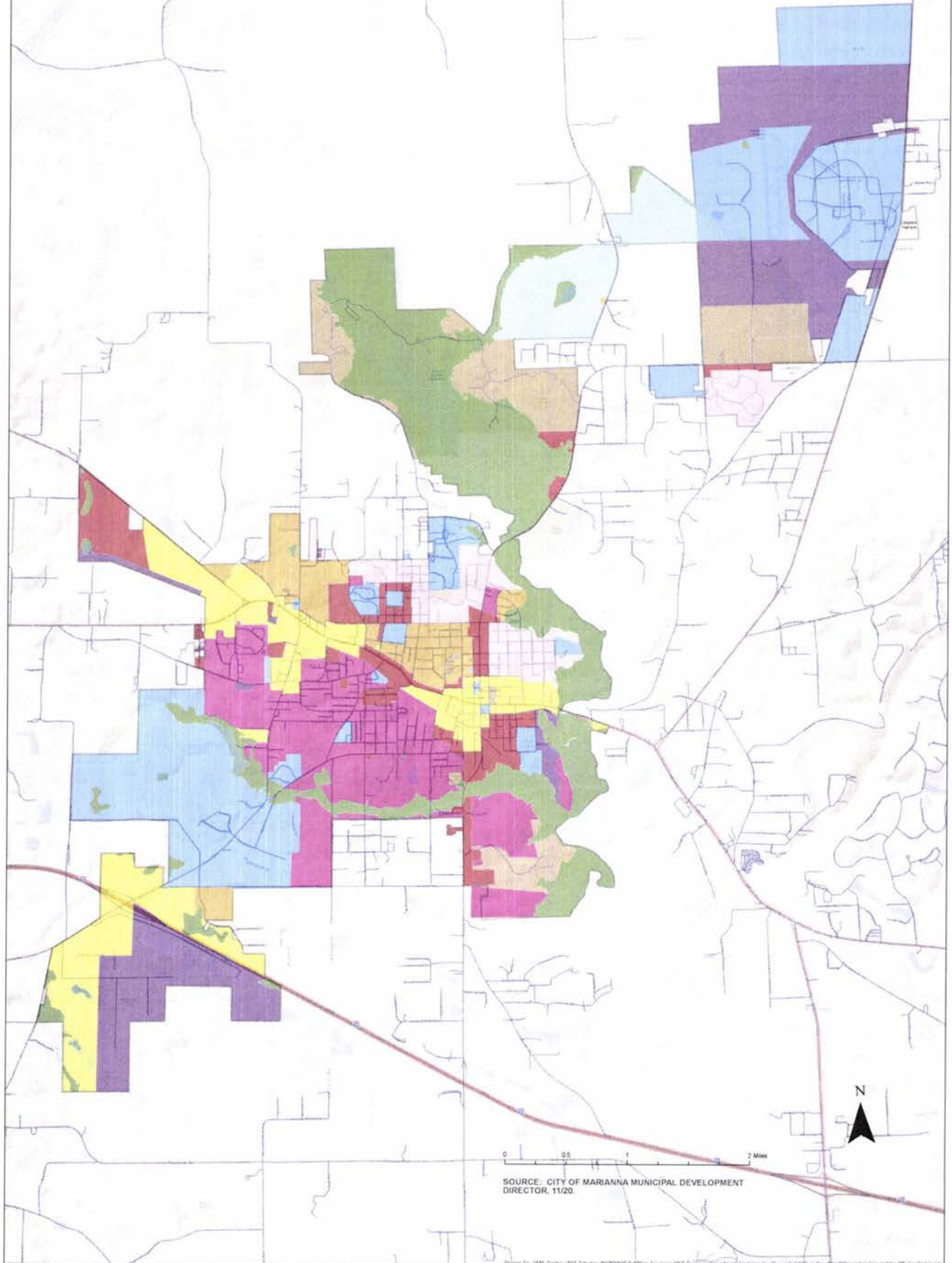
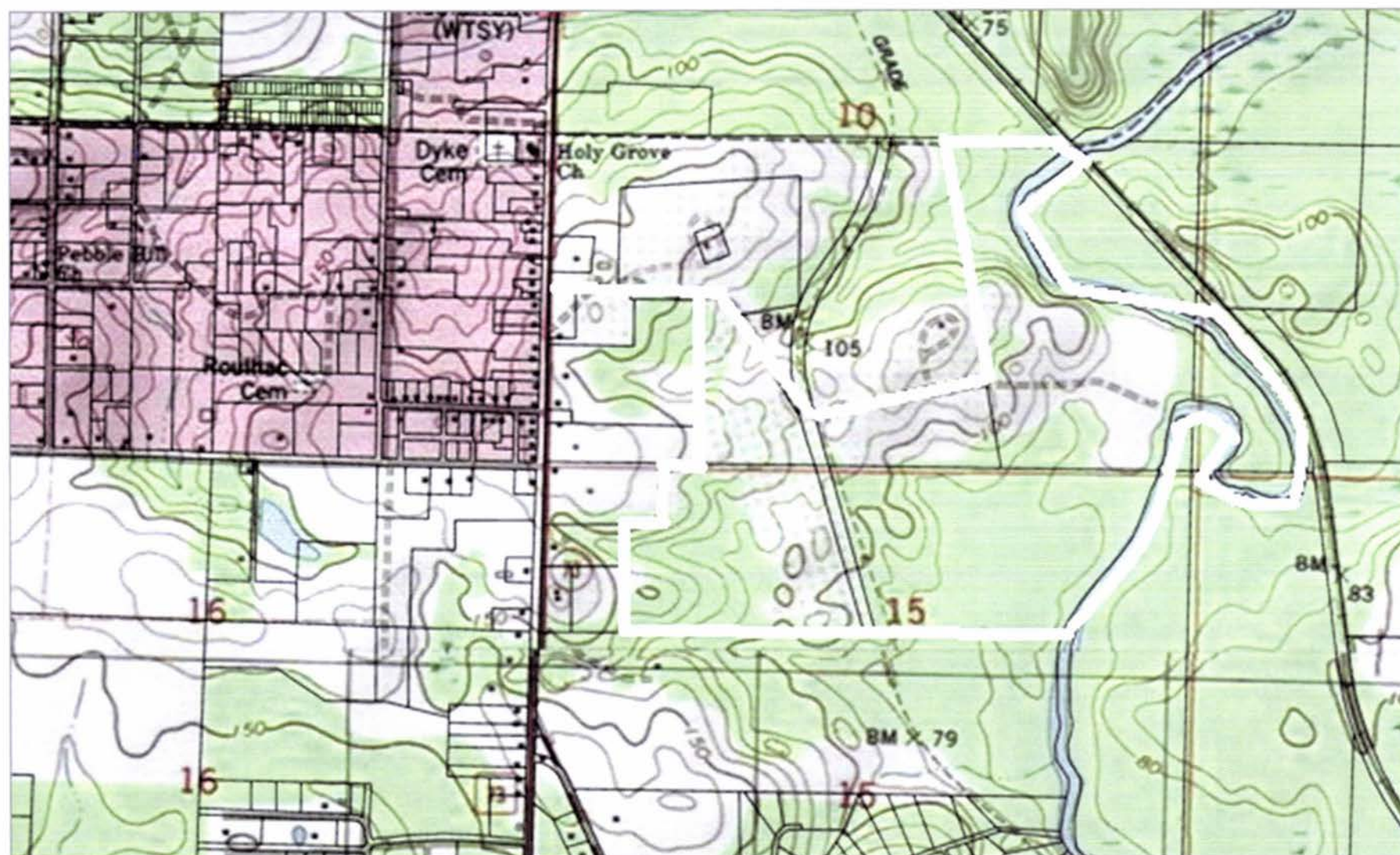
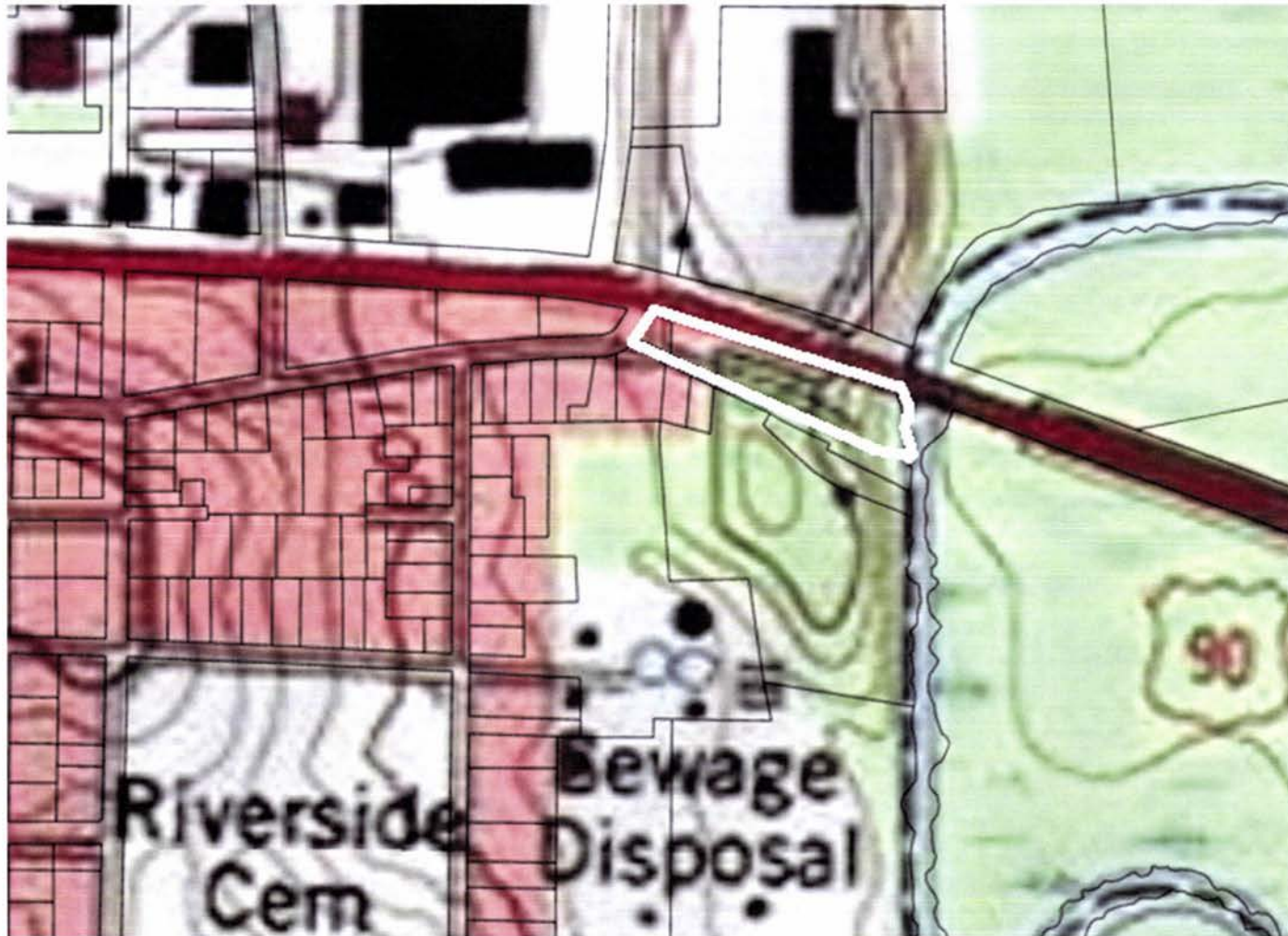


Exhibit 5

Hinson Conservation and Recreation Area Topographic Map



Gateway Overlook Topographic Map



Butler Recreation Area Topographic Map

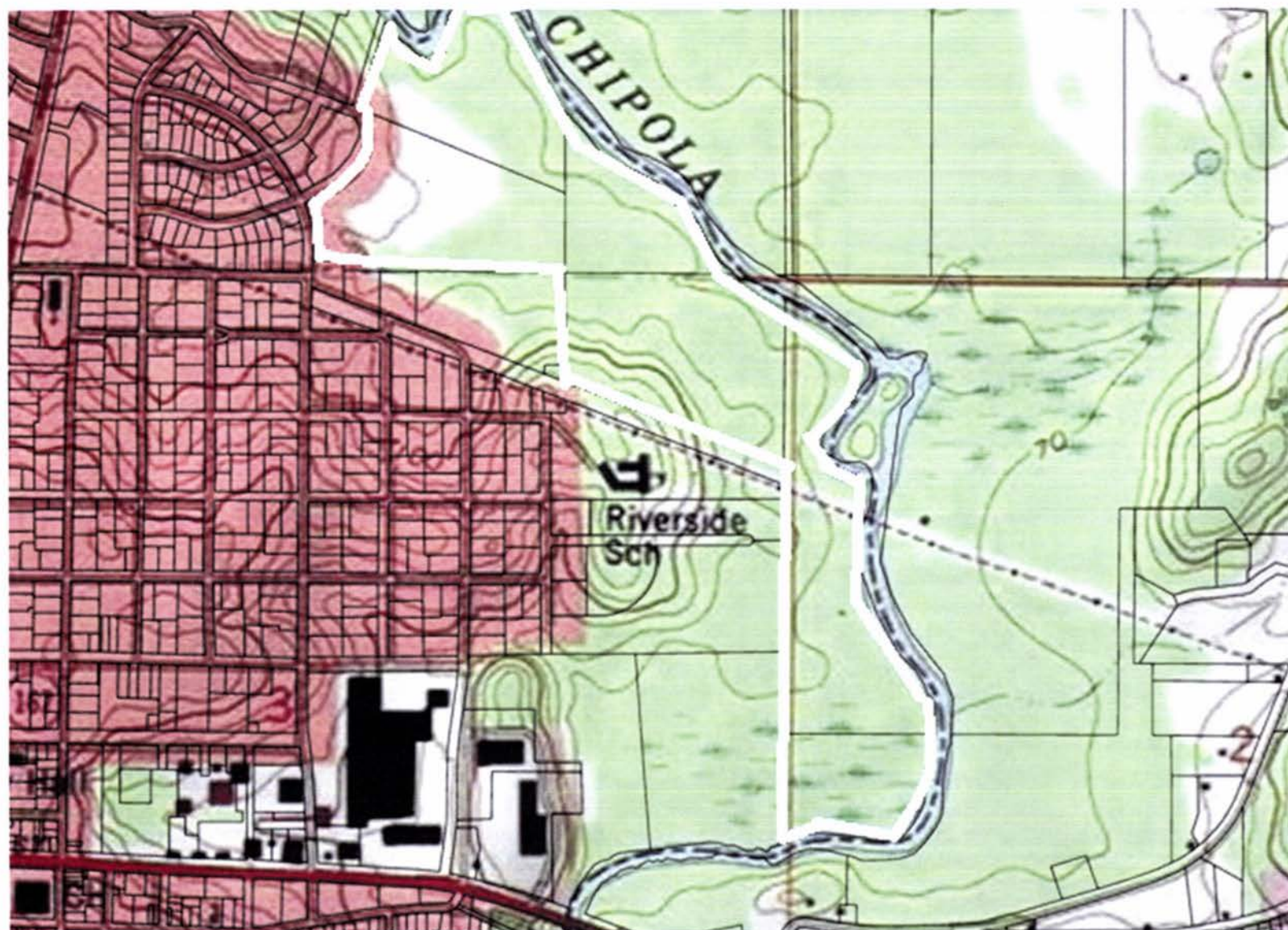
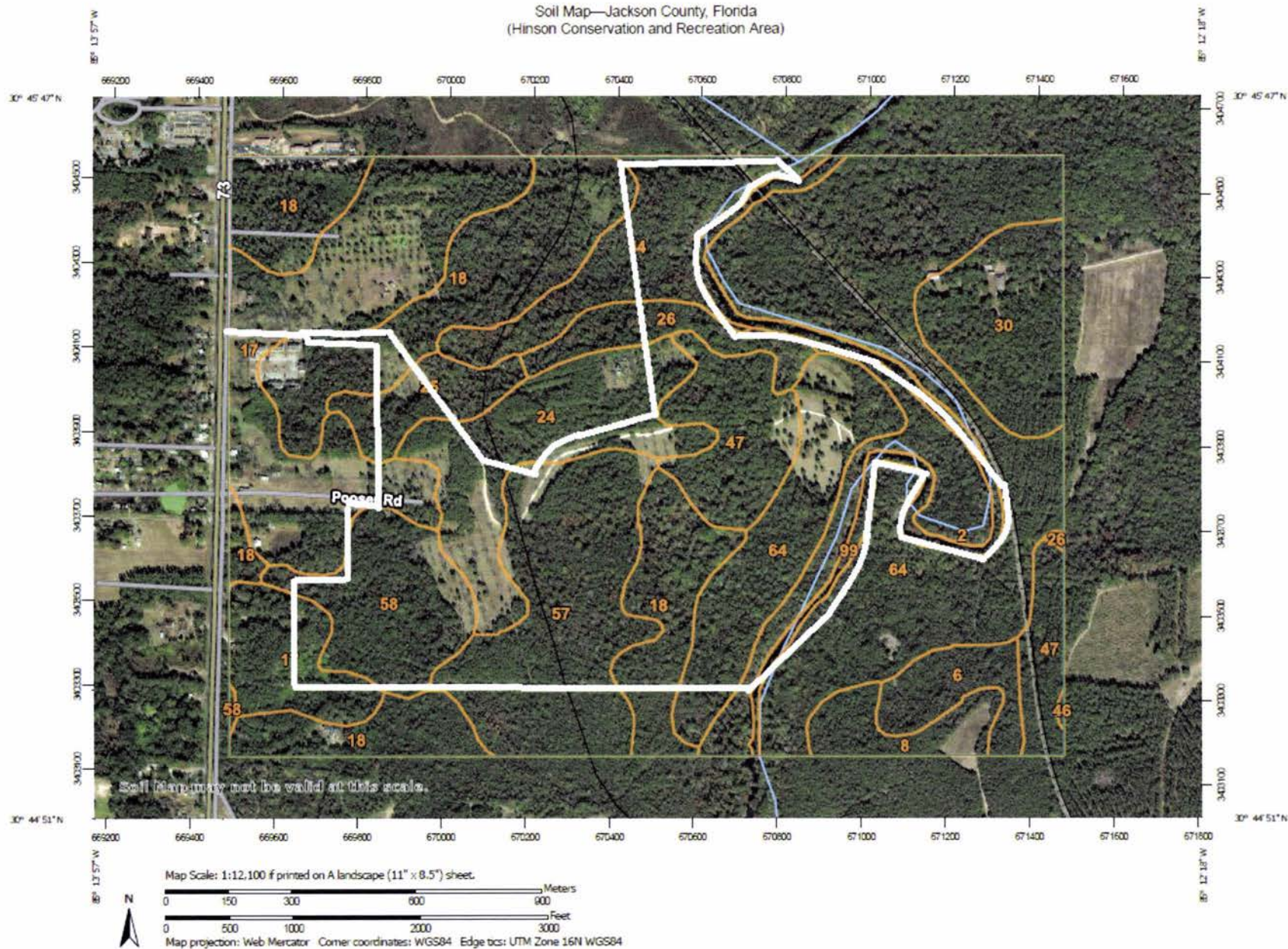


Exhibit 6

Soil Map—Jackson County, Florida
(Hinson Conservation and Recreation Area)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/28/2021
Page 1 of 3

Soil Map—Jackson County, Florida
(Hinson Conservation and Recreation Area)

MAP LEGEND

Area of Interest (AOI)		Spoil Area
Area of Interest (AOI)		Stony Spot
Soils		Very Stony Spot
Soil Map Unit Polygons		Wet Spot
Soil Map Unit Lines		Other
Soil Map Unit Points		Special Line Features
Special Point Features		
Blowout	Water Features	Streams and Canals
Borrow Pit	Transportation	
Clay Spot	Rails	
Closed Depression	Interstate Highways	
Gravel Pit	US Routes	
Gravelly Spot	Major Roads	
Landfill	Local Roads	
Lava Flow	Background	
Marsh or swamp	Aerial Photography	
Mine or Quarry		
Miscellaneous Water		
Perennial Water		
Rock Outcrop		
Saline Spot		
Sandy Spot		
Severely Eroded Spot		
Sinkhole		
Slide or Slip		
Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Jackson County, Florida
Survey Area Data: Version 19, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Nov 28, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

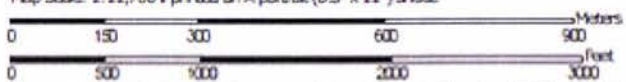
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2	Albany sand, 0 to 5 percent slopes	24.7	3.5%
6	Blanton coarse sand, 0 to 5 percent slopes	13.7	2.0%
8	Bonifay sand, 0 to 5 percent slopes	12.7	1.8%
17	Dothan loamy sand, 2 to 5 percent slopes	94.0	13.4%
18	Dothan loamy sand, 5 to 8 percent slopes	108.6	15.5%
24	Faceville loamy fine sand, 2 to 5 percent slopes	45.5	6.5%
25	Faceville loamy fine sand, 5 to 8 percent slopes	14.1	2.0%
26	Faceville loamy fine sand, 8 to 12 percent slopes	14.8	2.1%
30	Fuquay coarse sand, 0 to 5 percent slopes	32.3	4.6%
44	Oktibbeha variant-Rock outcrop complex, 5 to 12 percent slopes	34.2	4.9%
46	Orangeburg loamy sand, 2 to 5 percent slopes	0.3	0.0%
47	Orangeburg loamy sand, 5 to 8 percent slopes	36.0	5.1%
57	Tifton loamy sand, 2 to 5 percent slopes	61.1	8.7%
58	Tifton loamy sand, 5 to 8 percent slopes	31.8	4.5%
64	Yonges-Herod association	159.3	22.7%
99	Water	17.4	2.5%
Totals for Area of Interest		700.4	100.0%

Soil Map—Jackson County, Florida
(Butler Recreation Area)



Map Scale: 1:11,700 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/28/2021
Page 1 of 3

Soil Map—Jackson County, Florida
(Butler Recreation Area)

MAP LEGEND

Area of Interest (AOI)		Spoil Area
Area of Interest (AOI)		Stony Spot
Soils		Very Stony Spot
Soil Map Unit Polygons		Wet Spot
Soil Map Unit Lines		Other
Soil Map Unit Points		Special Line Features
Special Point Features		Water Features
Blowout		Streams and Canals
Borrow Pit		Transportation
Clay Spot		Rails
Closed Depression		Interstate Highways
Gravel Pit		US Routes
Gravelly Spot		Major Roads
Landfill		Local Roads
Lava Flow		Background
Marsh or swamp		Aerial Photography
Mine or Quarry		
Miscellaneous Water		
Perennial Water		
Rock Outcrop		
Saline Spot		
Sandy Spot		
Severely Eroded Spot		
Sinkhole		
Slide or Slip		
Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG 3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Jackson County, Florida
Survey Area Data: Version 19, Jun 11, 2020

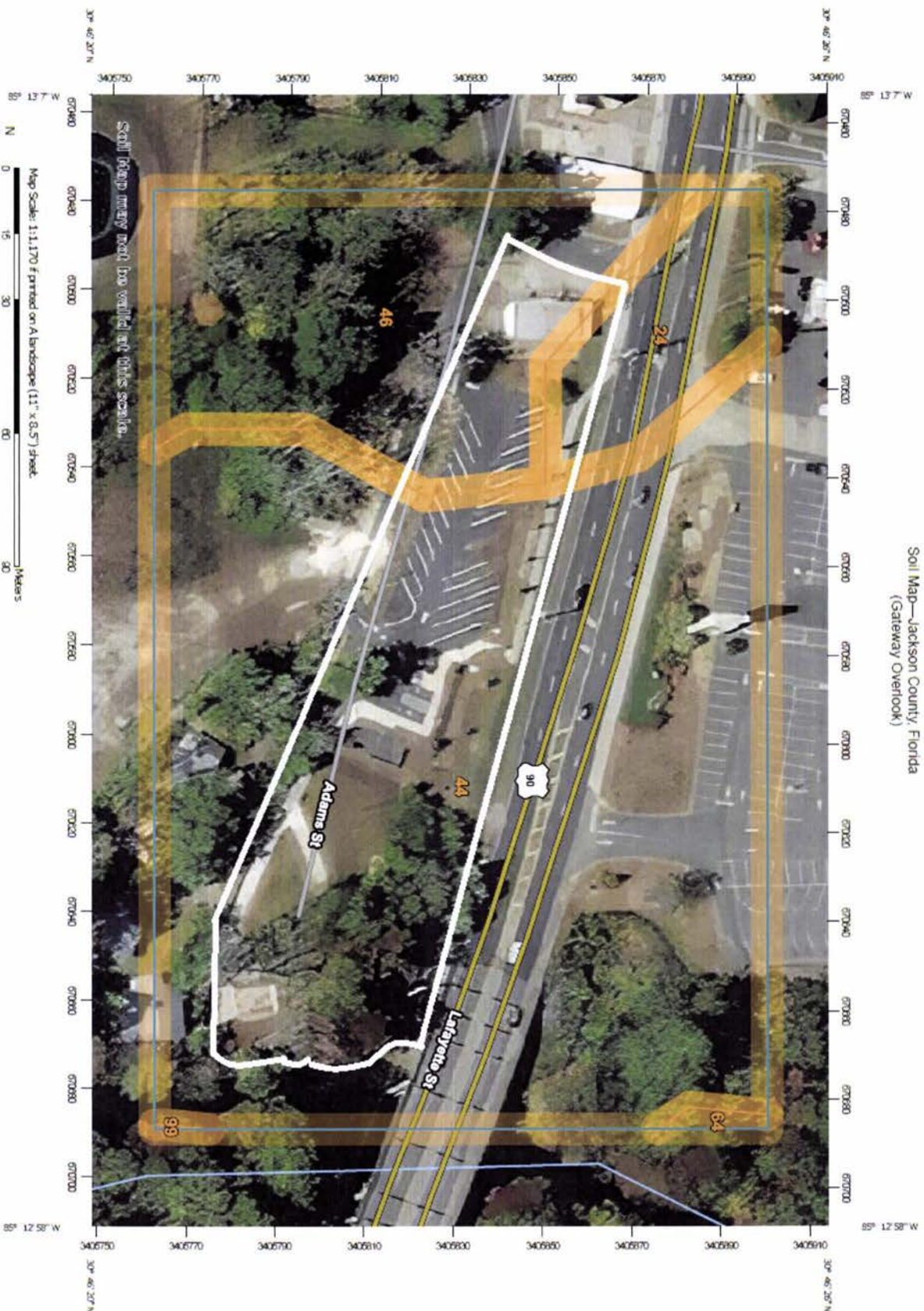
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 13, 2014—Nov 28, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
24	Faceville loamy fine sand, 2 to 5 percent slopes	31.3	4.5%
26	Faceville loamy fine sand, 8 to 12 percent slopes	77.5	11.1%
30	Fuquay coarse sand, 0 to 5 percent slopes	2.0	0.3%
33	Greenville fine sandy loam, 2 to 5 percent slopes	47.9	6.8%
34	Greenville fine sandy loam, 5 to 8 percent slopes	24.3	3.5%
37	Iuka loam	7.7	1.1%
44	Oktibbeha variant-Rock outcrop complex, 5 to 12 percent slopes	56.1	8.0%
46	Orangeburg loamy sand, 2 to 5 percent slopes	42.7	6.1%
47	Orangeburg loamy sand, 5 to 8 percent slopes	5.3	0.8%
64	Yonges-Herod association	384.3	55.0%
99	Water	19.9	2.8%
Totals for Area of Interest		699.0	100.0%

[illegible][illegible][illegible][illegible]

Soil Map—Jackson County, Florida
(Gateway Overlook)

MAP LEGEND

Area of Interest (AOI)		Spoil Area
Area of Interest (AOI)		Stony Spot
Soils		Very Stony Spot
Soil Map Unit Polygons		Wet Spot
Soil Map Unit Lines		Other
Soil Map Unit Points		Special Line Features
Special Point Features		
Blowout	Water Features	Streams and Canals
Borrow Pit	Transportation	
Clay Spot	Rails	
Closed Depression	Interstate Highways	
Gravel Pit	US Routes	
Gravelly Spot	Major Roads	
Landfill	Local Roads	
Lava Flow	Background	Aerial Photography
Marsh or swamp		
Mine or Quarry		
Miscellaneous Water		
Perennial Water		
Rock Outcrop		
Saline Spot		
Sandy Spot		
Severely Eroded Spot		
Sinkhole		
Slide or Slip		
Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Jackson County, Florida
Survey Area Data: Version 19, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 13, 2014—Nov 28, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

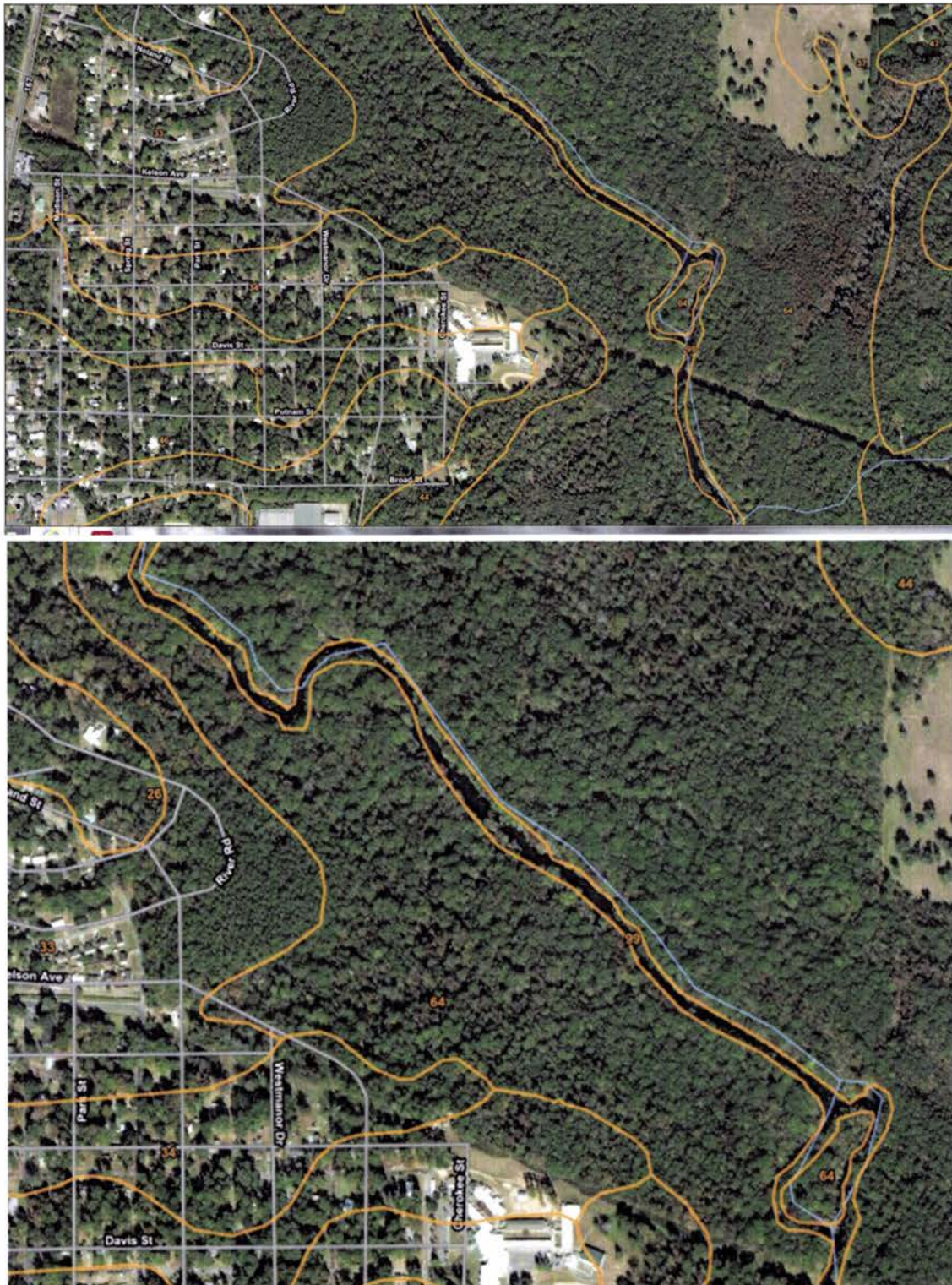
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
24	Faceville loamy fine sand, 2 to 5 percent slopes	0.5	6.8%
44	Oktibbeha variant-Rock outcrop complex, 5 to 12 percent slopes	5.2	72.3%
46	Orangeburg loamy sand, 2 to 5 percent slopes	1.5	20.5%
64	Yonges-Herod association	0.0	0.3%
99	Water	0.0	0.0%
Totals for Area of Interest		7.2	100.0%

City of Marianna
Hinson Conservation and Recreation Area
Soil Map



City of Marianna
Butler Recreation Area
Soil Map



City of Marianna
Gateway Overlook
Soil Map

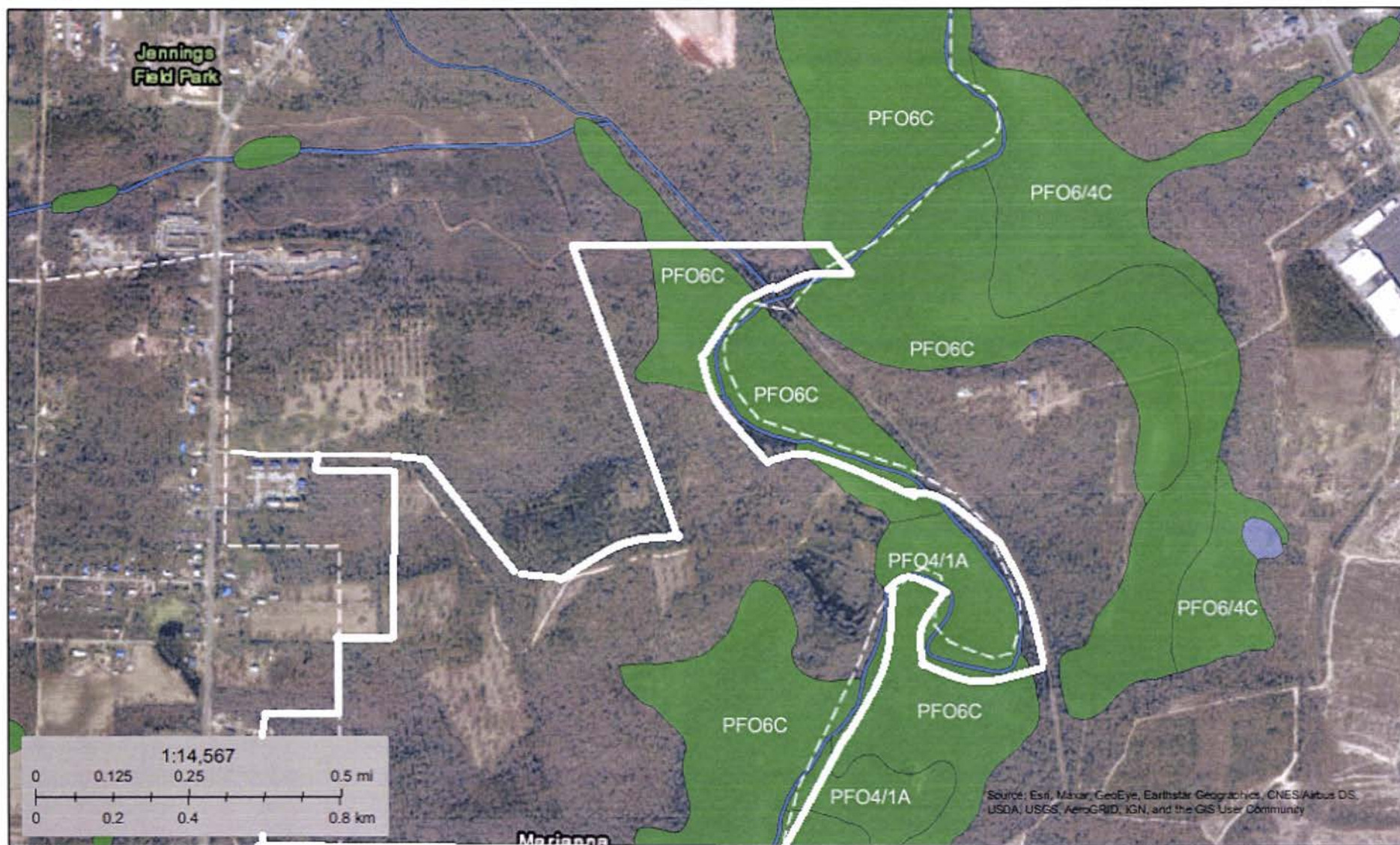


Exhibit 7



U.S. Fish and Wildlife Service
National Wetlands Inventory

Hinson Conservation And Recreation Area



May 28, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service
National Wetlands Inventory

Butler Recreation Area



May 28, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service
National Wetlands Inventory

Gateway Overlook Wetland Mapper



May 28, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

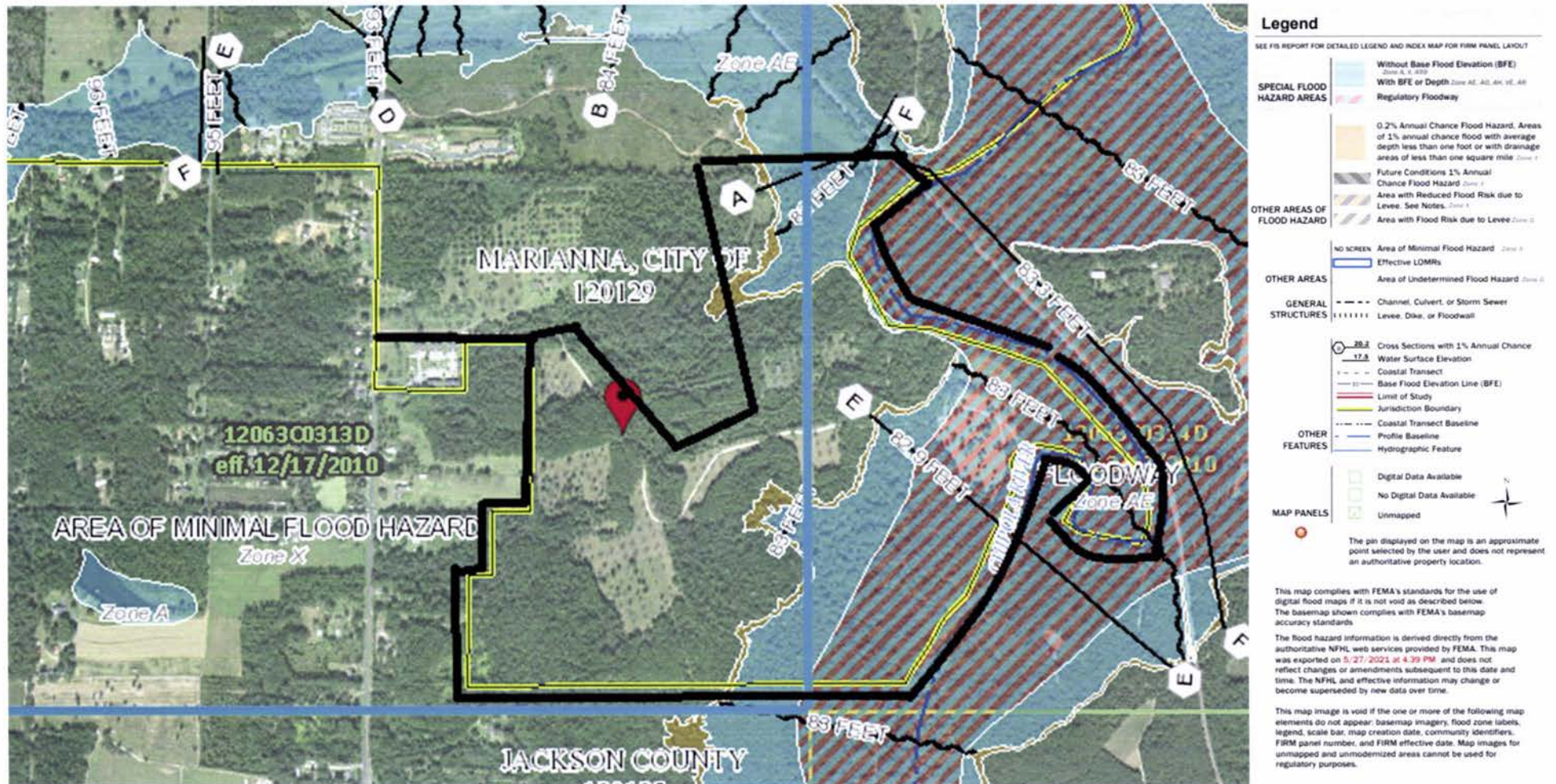
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

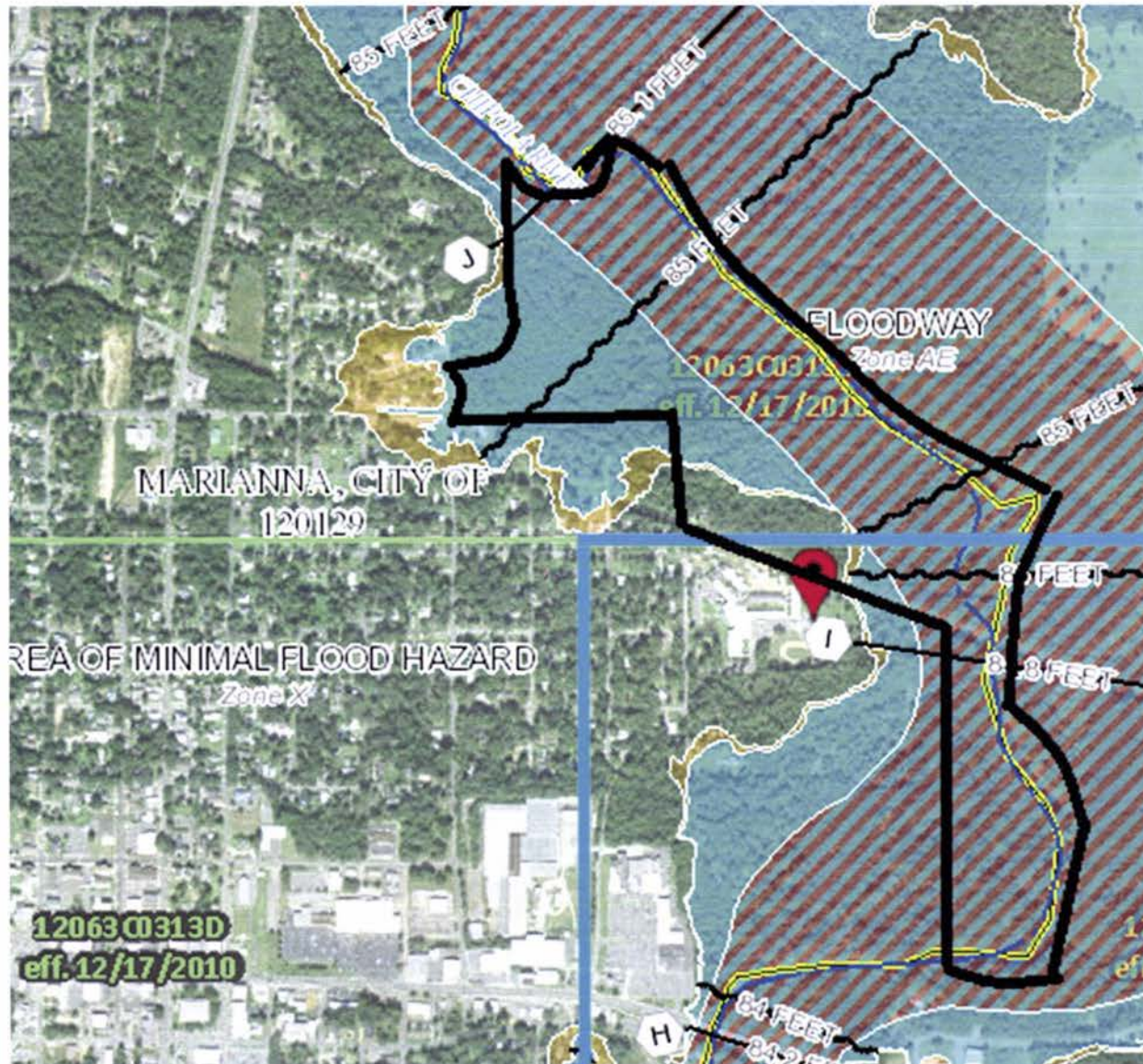
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Exhibit 8

Hinson Conservation and Recreation Area National Flood Hazard Layer Firmette



Butler Recreation Area National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, AE
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee: See Notes Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN: Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/27/2021 at 4:39 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

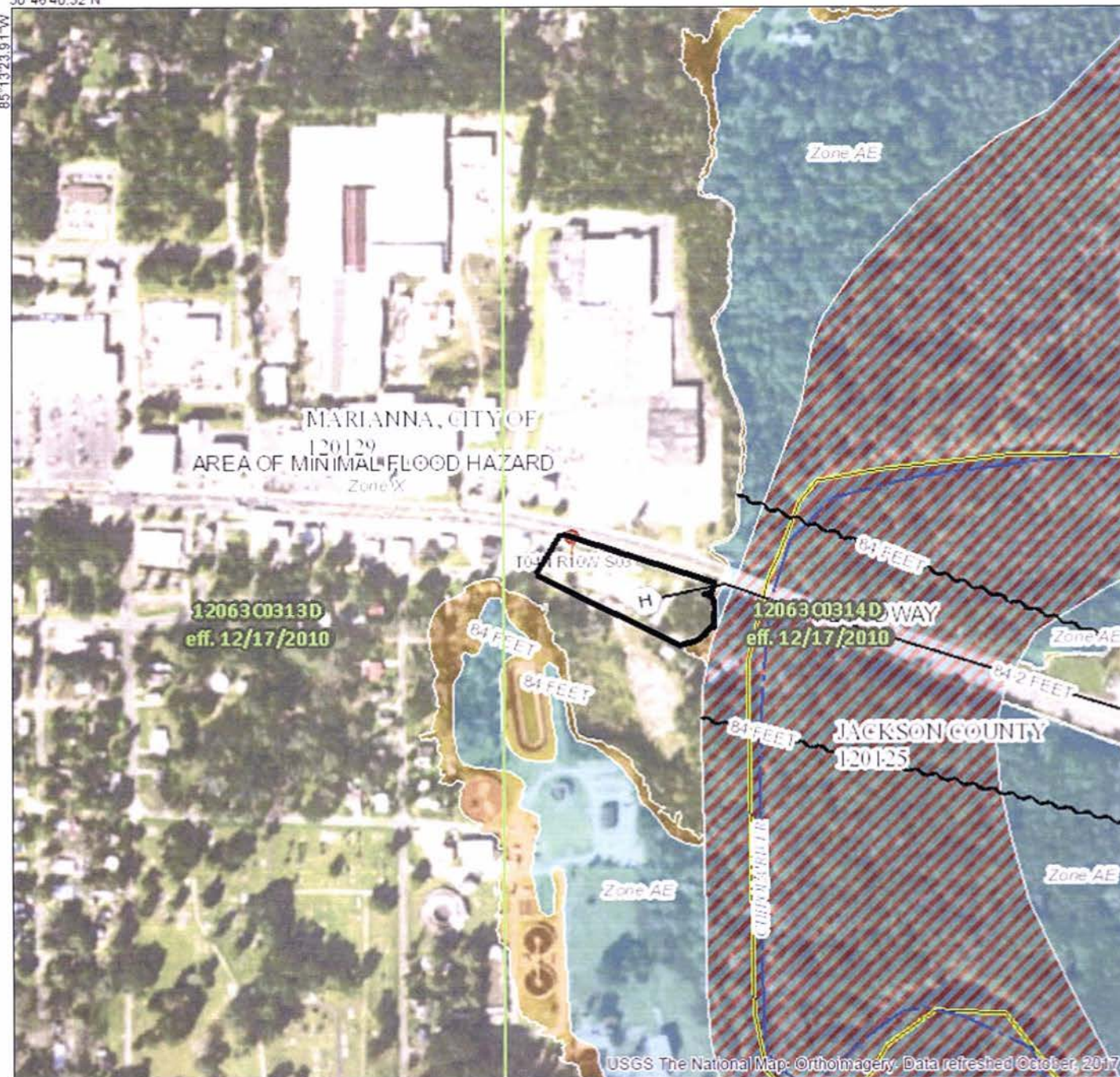
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



30°46'40.32"N

85°13'23.91"W



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
OTHER AREAS	NO SCREEN Area of Minimal Flood Hazard Zone X
	Effective LOMRs
GENERAL STRUCTURES	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer
OTHER FEATURES	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS	Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Digital Data Available
	No Digital Data Available
	Unmapped

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/19/2019 at 5:47:19 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Exhibit 9

RESOLUTION # 2003-7

**A RESOLUTION OF THE CITY OF MARIANNA,
FLORIDA, ESTABLISHING BOTH A PADDLING AND A
HIKING TRAIL SYSTEM WITHIN THE CITY OF
MARIANNA, FLORIDA**

WHEREAS, the City of Marianna, Florida desires to preserve and protect the Chipola River and the adjacent lands which are located within the City of Marianna, and

WHEREAS, the City of Marianna, Florida desires to provide recreational opportunities within the community for both paddlers and hikers, and

WHEREAS, the City of Marianna, Florida wishes to establish both a paddling trail and hiking trail to provide recreational opportunities for both the City's citizens and visitors;

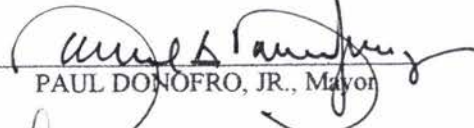
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Marianna, Florida, that:

- Section 1. The City Council hereby establishes a recreational trail program that is conducive to both the users of self propelled water craft and recreational hikers.
- Section 2. The City Commission hereby adopts the attached Exhibit "A" Waterways Trail Plan detailing waterways which are located within the City of Marianna which are herein designated as waterways which may be utilized by canoes, kayaks and other self propelled watercraft.
- Section 3. The City Council hereby adopts the attached Exhibit "B" Hiking and Exercise Trail Plan, which indicated properties located within the City of Marianna which are herein designated as existing and future hiking trails.

RESOLVED this 3rd day of June, 2003, by the City Commission of the City of Marianna, Florida.

CITY COMMISSION OF THE CITY OF
MARIANNA, FLORIDA

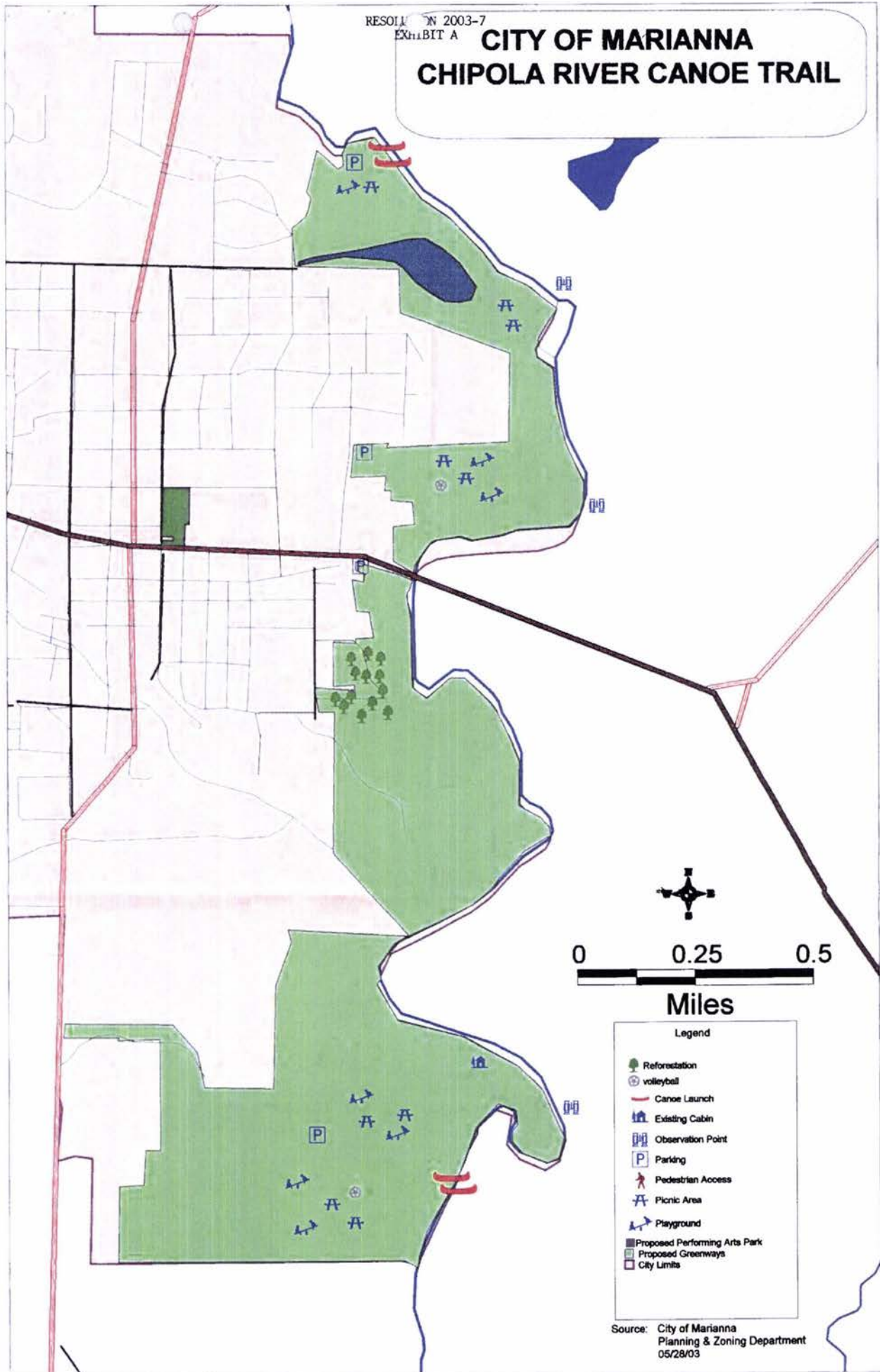
BY:


PAUL DONOFRO, JR., Mayor

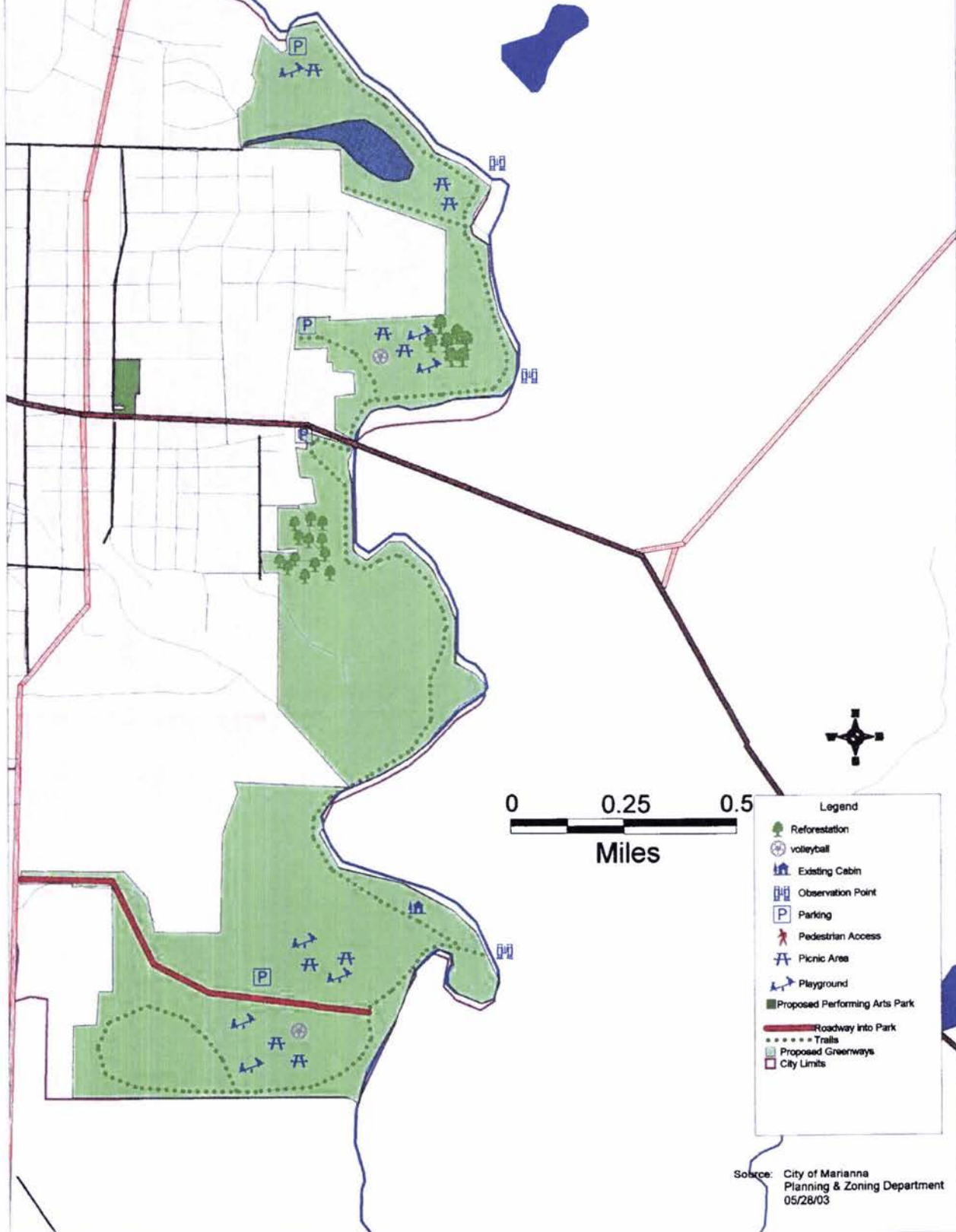
ATTEST:


DANIELLE PIPPIN, City Clerk

CITY OF MARIANNA CHIPOLA RIVER CANOE TRAIL



CITY OF MARIANNA GREENWAYS HIKING TRAILS



Appendix B

Exhibit 1



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

December 1, 2020

Tiffany Stewart
City of Marianna
2898 Green Street
Marianna, FL 32448

Dear Ms. Stewart,

Thank you for requesting information from the Florida Natural Areas Inventory (FNAI). At your request we have produced the following report for your project area.

The purpose of this Standard Data Report is to provide objective scientific information on natural resources located in the vicinity of a site of interest, in order to inform those involved in project planning and evaluation. This Report makes no determination of the suitability of a proposed project for this location, or the potential impacts of the project on natural resources in the area.

Project: Chipola River Greenway Land Management Plan
Date Received: 11/13/2020
Location: Jackson County

Based on the information available, this site appears to be located in a significant region of natural areas and habitat for several rare species.

Element Occurrences

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

Federally Listed Species

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

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

*Several of the species and natural communities tracked by the Inventory are considered **data sensitive**. Occurrence records for these elements contain information that we consider sensitive due to collection*



Florida Resources
and Environmental
Analysis Center

Institute of Science
and Public Affairs

The Florida State University

Tracking Florida's Biodiversity

pressures, extreme rarity, or at the request of the source of the information. The Element Occurrence Record has been labeled "Data Sensitive." We request that you not publish or release specific locational data about these species or communities without consent from the Inventory. If you have any questions concerning this please do not hesitate to call.

Likely and Potential Rare Species

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

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

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

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

CLIP

The enclosed map shows natural resource conservation priorities based on the Critical Lands and Waters Identification Project. CLIP is based on many of the same natural resource data developed for the Florida Forever Conservation Needs Assessment, but provides an overall picture of conservation priorities across different resource categories, including biodiversity, landscapes, surface waters, and aggregated CLIP priorities (that combine the individual resource categories). CLIP is also based primarily on remote sensed data and is not intended to be the definitive authority on natural resources on a site.

For more information on CLIP, visit <http://www.fnai.org/clip.cfm>.

Managed Areas

Portions of the site appear to be located within:

- Hinson Conservation and Recreation Area, managed by the City of Marianna
- Chipola River Greenway, managed by Jackson County
- Marianna Greenway, managed by City of Marianna

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 Middle Chipola River Florida Forever BOT Project, which is part of the State of Florida's Conservation and Recreation Lands land acquisition program. For more information on this Florida Forever Project, contact the Florida Department of Environmental Protection, Division of State Lands.

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

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

Please visit www.fnai.org/trackinglist.cfm 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. **The maps contain sensitive environmental information, please do not distribute or publish without prior consent from FNAI.** FNAI data may not be resold for profit.

Thank you for your use of FNAI services. If I can be of further assistance, please contact me at (850) 224-8207 or at kbrinegar@fnai.fsu.edu.

Sincerely,



Kerri Brinegar
GIS / Data Services

Encl



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
- Roads
- Water

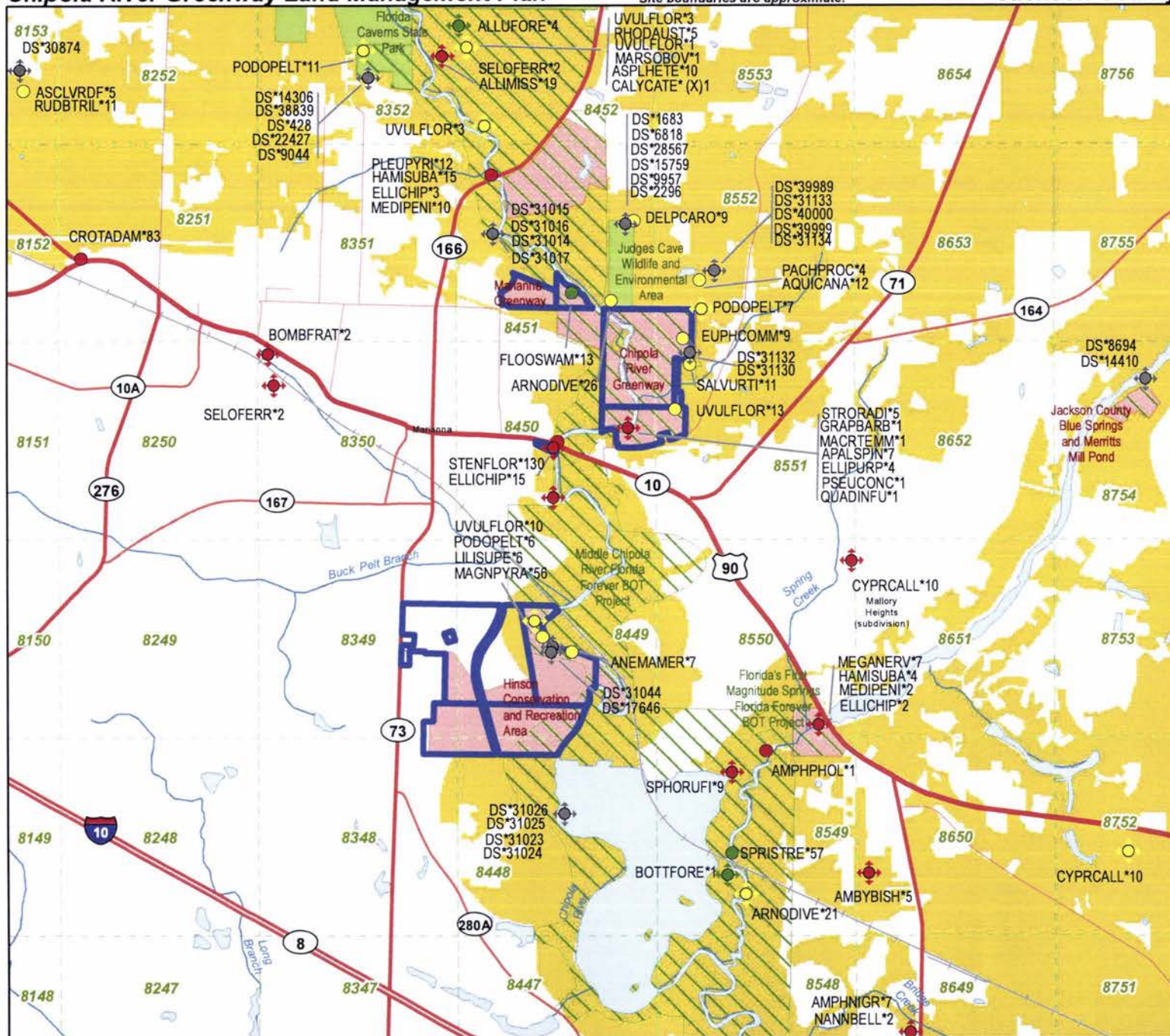
NOTE

This map contains environmentally sensitive information. Please do not distribute or publish without prior consent from FNAI. Map should not be interpreted without accompanying documents.

Chipola River Greenway Land Management Plan

Site boundaries are approximate.

Jackson County



Map produced by KAB
11/19/2020



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CLIP v4.0 Resource Priorities

Biodiversity Resource Category

- Priority 1 - highest
- Priority 2
- Priority 3
- Priority 4
- Priority 5

Landscape Resource Category

- Priority 1 - highest
- Priority 2
- Priority 3
- Priority 4
- Priority 5

Surface Water Resource Category

- Priority 1 - highest
- Priority 2
- Priority 3
- Priority 4
- Priority 5

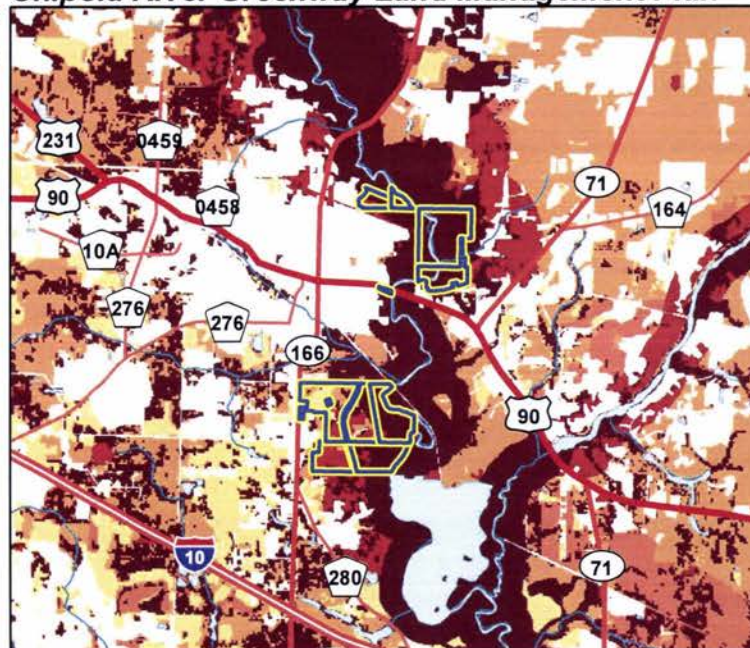
Aggregated CLIP Priorities

- Priority 1 - highest
- Priority 2
- Priority 3
- Priority 4
- Priority 5
- Site Boundary

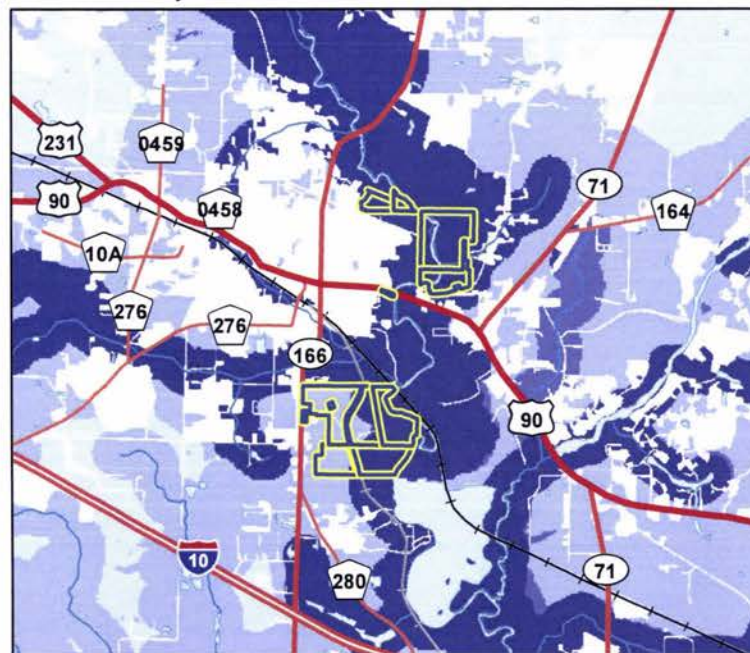
Map should not be interpreted without accompanying documents.

Critical Lands and Waters Identification Project (CLIP) is a cooperative effort between the FSU Florida Natural Areas Inventory, UF Center for Landscape Conservation Planning, and FL Fish & Wildlife Conservation Commission, with additional funding from FL Dept of Environmental Protection and US Fish & Wildlife Service.

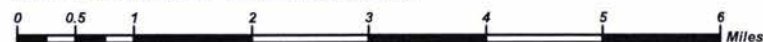
Chipola River Greenway Land Management Plan



CLIP Biodiversity Resource Priorities

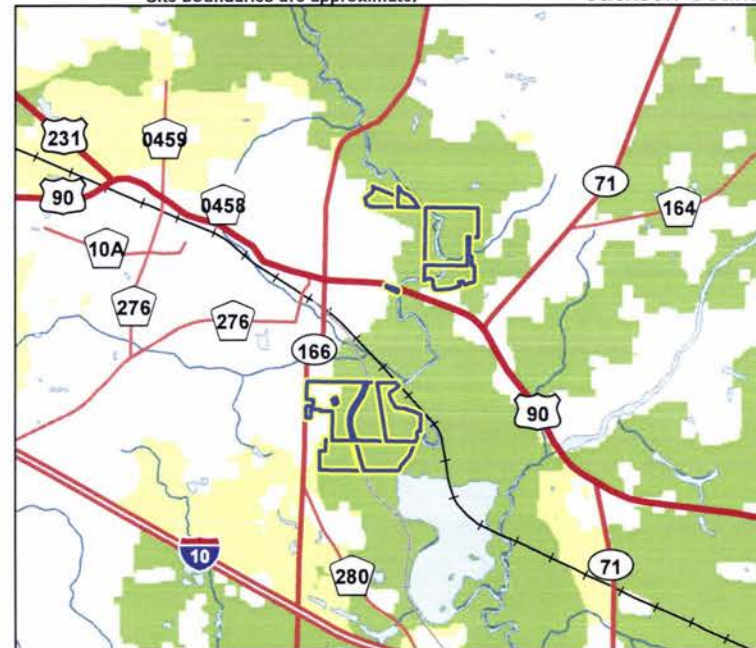


CLIP Surface Water Resource Priorities

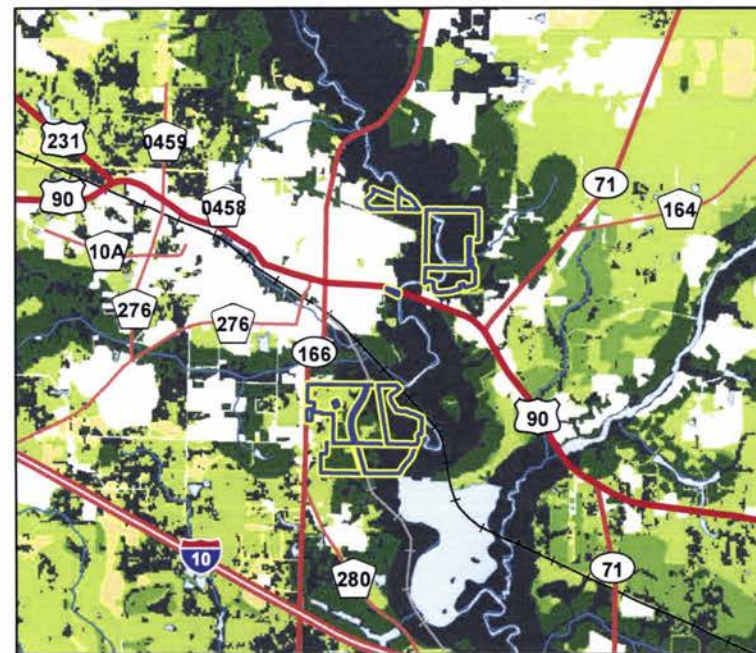


Site boundaries are approximate.

Jackson County



CLIP Landscape Resource Priorities



CLIP Aggregated Resource Priorities

Map produced by KAB
12/1/2020



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FNAI ELEMENT OCCURRENCE REPORT on or near Chipola River Greenway Land Management Plan



Global State Federal State Observation

Map Label	Scientific Name	Common Name	Rank	Rank	Status	Listing	Date	Description	EO Comments
ACHALYCI*6	<i>Achalarus lyciades</i>	Hoary Edge	G5	S2	N	N	2002-09-18	None provided.	2009-06-23: None seen on the annual butterfly count (PNDJUE02FLUS). 2002-09-18: One adult seen and photographed (I09FRI01FLUS).
ALLIMISS*19	<i>Alligator mississippiensis</i>	American Alligator	G5	S4	SAT	FT(S/A)	1984	1984: Chipola River floodplain (PNDBRO03FLUS).	No detailed information available from Best Source (PNDBRO03FLUS).
ALLUFORE*4	Alluvial forest		G4	S3	N	N	2004	CHIPOLA RIVER FLOODPLAIN.	2010: Prior to the 2010 natural community reclassification effort this EO had been known as Floodplain forest EO number 4 (see U10FNA01FLUS for updated community descriptions). 2004: Update to last obs date was based on interpretation of aerial photography (previous value was 1984) (U05FNA02FLUS). "HUGE GUMS, MAPLES, OAKS, COTTONWOODS, ASHES AND WATER LOCUSTS" (ALSO SYCAMORE) (A63MIT01).
AMEISERR*23	<i>Ameiurus serracanthus</i>	Spotted Bullhead	G3	S3	N	N	2002-05-01	2002-05-01: Alluvial stream (G03WAL01FLUS).	2002-05-01: One individual observed (G03WAL01FLUS).
AMPHPHOL*1	<i>Amphiuma pholeter</i>	One-toed Amphiuma	G3	S3	N	N	1979-05-06	1979-05-06: Floodplain of spring run stream with red maple, magnolia, sweet gum, etc; one-toed amphiuma live in deep, loose mud pockets on forest floor, along small streamlets (PNDMEA01FLUS).	1979-05-06: Means and D. Jackson collected 5 individuals (Means #2198) by raking through muck (PNDMEA01FLUS).
ANEMAMER*7	<i>Anemone americana</i>	roundlobed liverleaf	G5T5	S2	N	E	2015-01-27	2001-05-19: HARDWOOD FOREST ON BLUFF OVERLOOKING CHIPOLA RIVER (PNDNEL01FLUS).	2015-01-27: about 30 plants seen with 6-9 flowering in 3 separate colonies. 2001-07-09: Several additional colonies of this species north of the mapped colony on the trail from Alamo Cave north to the cabin (U01NEL01FLUS). 2001-05-19: NUMEROUS PLANTS IN SEVERAL COLONIES IN THIS POPULATION (PNDNELO1FLUS).



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Global State Federal State Observation

Map Label	Scientific Name	Common Name	Rank	Rank	Status	Listing	Date	Description	EO Comments
APALSPIN*7	<i>Apalone spinifera</i>	Spiny Softshell	G5	S3	N	N	2014-10-13	The Apalachicola River is a relatively large alluvial river that extends from headwaters in northern Georgia to the Gulf of Mexico. The Chipola River is a medium-sized tributary that is partially fed by abundant springs as well as other surface tributaries. Much of the landscape surrounding these rivers is devoted to agriculture and forestry. Water withdrawal in Georgia negatively affects hydrology and hence biota in the Apalachicola River.	This occurrence is documented by multiple records extending from pre-1962 - 2014, from multiple sites within the river system.
AQUICANA*12	<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E	1999-01-08	1999: forested ridge with karst features in Marianna Lowlands physiographic province; lies ca. 0.6 km east of Chipola River though closely approaches floodplain. Ridge is mostly covered by upland mixed forest, some of which was cleared in the past and is undergoing second growth regeneration or converted to pine plantation (F99JAC01FLUS).	1999-01-08: Hipes and Jackson observed two clusters of plants on rocky areas overlying two caves (Hollow Ridge and Marianna Otter Spring), although they did not survey the ridge for other potential clusters (F99JAC01FLUS).
ARNODIVE*21	<i>Arnoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T	1995-06-03	1995-06-03: Plants abundant on wet, shaded floodplain of Spring Creek (S95GARFSFLUS).	1995-06-03: Plants abundant (S95GARFSFLUS).
ARNODIVE*26	<i>Arnoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T	2005-05-03	2005-05-03: Floodplain swamp and bottomland forest transition.	2005-05-03: Hipes and Russo observed less than 10 plants at site 1 and 50 to 100 plants at site 2. Observed at other areas in vicinity that were not mapped (F05HIP02FLUS).
ASPLHETE*10	<i>Asplenium x heteroresiliens</i>	Morzenti's spleenwort	G2	S1	N	N	1957-02-09	ON LIMESTONE LEDGES IN DECIDUOUS WOODS.	1957-02-09: FERTILE PLANTS (CITED BY V. MORZENTI, 1966).
BOMBFRAT*2	<i>Bombus fraternus</i>	Southern Plains Bumble Bee	G2G4	S1S2	N	N	1967-05-16	none given	2 specimens collected



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Global State Federal State Observation

Map Label	Scientific Name	Common Name	Rank	Rank	Status	Listing	Date	Description	EO Comments
BOTTFORE*1	Bottomland forest		G4	S3	N	N	2004	FLOODPLAIN FOREST PROVIDES PARTIAL CANOPY FOR SPRING-RUN STREAM W/ DEPTH TO 1.5 M & WIDTH TO 5 M. HEAVY LEAF LITTER.	2010: Prior to the 2010 natural community reclassification effort this EO had been known as Floodplain forest EO number 1 (see U10FNA01FLUS for updated community descriptions). 2004: Update to last obs date was based on interpretation of aerial photography (previous value was empty) (U05FNA02FLUS). ACER RUBRUM,PERSEA BORBONIA,QUERCUS NIGRA,FRAXINUS PROFUNDA,TAXODIUM DISTICHUM& ILEX CASSINE>SABAL PALMETTO,SABAL MINOR, & ARUNDINARIA GIGANTEA. UNDERSTORY MODERATELY OPEN.
CALYCATE*(X)1	<i>Calystegia catesbeiana</i>	trailing bindweed	G3	S1	N	E	1960-04-22	1960-04-22: None given on herbarium label (S60MITFSFLUS).	2001-06-02: SPECIES NOT OBSERVED DURING A SURVEY OF MUCH OF THE PARK ROADSIDE IN SEVERAL LOCATIONS, ESPECIALLY LOCATIONS WITH OPEN EDGES BORDERING MIXED HARDWOOD/PINE FORESTS LIKE THOSE FOUND AT PARRAMORE LANDING CALYSTEGIA SITE (PNDNELO1FLUS). 2001-04-26: SPECIES NOT OBSERVED DURING SURVEY OF RELICT UPLAND PINE FOREST NEAR CURRENT PARK ENTRANCE AND SURVEY OF OAK-HICKORY-PINE WOODS SURROUNDING THE GOLF COURSE (PNCHA05FLUS). 1960-04-22: Twining on the ground and low herbs; specimen taken (S60MITFSFLUS).
CYPRCALL*10	<i>Cyprinella callitaenia</i>	Bluestripe Shiner	G2G3	S2	N	N	1941-10-11	No description given.	One specimen was collected (U13FLO01FLUS).
DELPCARO*9	<i>Delphinium carolinianum</i>	Carolina larkspur	G5	S1	N	E	2005-05-03	2005-05-03: Small (5 by 10 m) opening with rock at or very near the surface. Threatened by woody encroachment.	2005-05-03: Hipes and Russo observed one plant flowering in small opening (observed late in the flowering season; other plants likely present) (F05HIP02FLUS).
DS*14306	Data Sensitive Element	Data Sensitive	G2	S2	N	ST	2016-03-01	Data Sensitive	Data Sensitive
DS*15759	Data Sensitive Element	Data Sensitive	G3	S3	N	N	1981-09	Data Sensitive	Data Sensitive



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FNAI ELEMENT OCCURRENCE REPORT on or near Chipola River Greenway Land Management Plan



Map Label	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing	Observation Date	Description	EO Comments
DS*1683	Data Sensitive Element	Data Sensitive	G2	S2	N	ST	1970	Data Sensitive	Data Sensitive
DS*17646	Data Sensitive Element	Data Sensitive	G4	S3	N	N	1988-10-12	Data Sensitive	Data Sensitive
DS*22427	Data Sensitive Element	Data Sensitive	G3	S2	N	N	2016-03-01	Data Sensitive	Data Sensitive
DS*2296	Data Sensitive Element	Data Sensitive	G4	S3	N	N	1992 spring	Data Sensitive	Data Sensitive
DS*28567	Data Sensitive Element	Data Sensitive	G4	S1	E	FE	1981-09	Data Sensitive	Data Sensitive
DS*31014	Data Sensitive Element	Data Sensitive	G3	S3	N	N	2003-05-30	Data Sensitive	Data Sensitive
DS*31015	Data Sensitive Element	Data Sensitive	G2	S2	N	ST	2003-05-30	Data Sensitive	Data Sensitive
DS*31016	Data Sensitive Element	Data Sensitive	G1G3	S1S2	N	N	2003-05-30	Data Sensitive	Data Sensitive
DS*31017	Data Sensitive Element	Data Sensitive	G2G3	S2	N	N	2003-05-30	Data Sensitive	Data Sensitive
DS*31023	Data Sensitive Element	Data Sensitive	G2	S2	N	ST	2012-02	Data Sensitive	Data Sensitive
DS*31024	Data Sensitive Element	Data Sensitive	G2G3	S2	N	N	2012-02	Data Sensitive	Data Sensitive
DS*31025	Data Sensitive Element	Data Sensitive	G1G3	S1S2	N	N	2003-05-31	Data Sensitive	Data Sensitive
DS*31026	Data Sensitive Element	Data Sensitive	G3	S3	N	N	2012-02	Data Sensitive	Data Sensitive
DS*31044	Data Sensitive Element	Data Sensitive	G3	S2	N	N	2003-05-29	Data Sensitive	Data Sensitive
DS*31130	Data Sensitive Element	Data Sensitive	G2G3	S2	N	N	1993	Data Sensitive	Data Sensitive
DS*31132	Data Sensitive Element	Data Sensitive	G2	S2	N	ST	1993	Data Sensitive	Data Sensitive
DS*31133	Data Sensitive Element	Data Sensitive	G3	S3	N	N	1999-01-08	Data Sensitive	Data Sensitive
DS*31134	Data Sensitive Element	Data Sensitive	G3	S2	N	N	1999-01-08	Data Sensitive	Data Sensitive
DS*33988	Data Sensitive Element	Data Sensitive	G5	S1	N	N	2009-06-13	Data Sensitive	Data Sensitive
DS*34936	Data Sensitive Element	Data Sensitive	G5T2	S2	N	N	2009-06-13	Data Sensitive	Data Sensitive
DS*39989	Data Sensitive Element	Data Sensitive	G3	S3	N	N	2015-02-23	Data Sensitive	Data Sensitive
DS*39999	Data Sensitive Element	Data Sensitive	G2G3	S2	N	N	2015-02-23	Data Sensitive	Data Sensitive
DS*40000	Data Sensitive Element	Data Sensitive	G2	S2	N	ST	2015-02-23	Data Sensitive	Data Sensitive
DS*428	Data Sensitive Element	Data Sensitive	G2G3	S2	N	N	2016-03-01	Data Sensitive	Data Sensitive



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FNAI ELEMENT OCCURRENCE REPORT on or near Chipola River Greenway Land Management Plan

Global State Federal State Observation

<i>Map Label</i>	<i>Scientific Name</i>	<i>Common Name</i>	<i>Rank</i>	<i>Rank</i>	<i>Status</i>	<i>Listing</i>	<i>Date</i>	<i>Description</i>	<i>EO Comments</i>
DS*6818	Data Sensitive Element	Data Sensitive	G3	S2	N	N	1981-09	Data Sensitive	Data Sensitive
DS*9044	Data Sensitive Element	Data Sensitive	G3	S3	N	N	2016-03-01	Data Sensitive	Data Sensitive
DS*9957	<i>Data Sensitive Element</i>	Data Sensitive	G2G3	S2	N	N	1970-06	Data Sensitive	Data Sensitive
ELLICHIP*15	<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT	1918	No general description given	1918: 3 specimens probably in UMMZ collection and collected between 1915-1918 (A40VAN01FLUS).
ELLICHIP*2	<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT	1918	1918: spring run of Blue Springs; from US-90 upstream now impounded as Meritts Mill Pond, but presumably not so when these specimens were collected (A40VAN01FLUS).	1918: A40VAN01FLUS reported collection of 4 specimens. Probably in UMMZ collection and collected 1915-1918 (A40VAN01FLUS).
ELLICHIP*3	<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT	1987-10-10	1987-10-10: river about 15 meters wide, clear greenish, visibility about 1.5 meters, rough limestone bedrock and hard sand with gravel in channel silty sand in slack-water margins, some mud and limestone here also; site spring-influenced (UNDBUT01FLUS).	1987-10-10: Butler collected 2 specimens (UF 135 338) in soft silty sand substrates, slack current areas at river margin; both mature; about 75 meters of river surveyed upstream from boatramp, mostly along west bank; survey time = 1.0 man-hour. Older specimens from 1954 (Clench and Turner, UF-389). 1915-1918 (A40VAN01FLUS); and 1902 (A05WAL01FLUS).
ELLIPURP*4	<i>Elliptio purpurella</i>	Inflated Spike	G2	S2	N	N	2009-09-09	Moderately large river system passing principally through agricultural and forested lands. Most of the Florida portion of the upper Chipola River is bordered by conservation land, though most land along the middle and lower portions remains private.	1954-2009: Species is known from at least 12 Florida collection sites along most of the length of the river. Sites are known as far downstream as the Dead Lakes region, and upstream into headwater tributaries well north into Alabama. Specific Florida collections are recorded in U13WIL05FLUS.
EUPHCOMM*9	<i>Euphorbia commutata</i>	wood spurge	G5	S2	N	E	2015-03-15	Plants are located along the ridge at the Surgnier tract.	Unknown number of flowering and fruiting plants



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FLOOSWAM*13	Floodplain swamp		G4	S4	N	N	2004	2000-04-29: TALL, PRIMARILY DECIDUOUS SWAMP FOREST WITH LARGE-LEAVED TREES (ASH, WATER TUPELO) DOMINANT IN OVERSTORY (PNDJOH01FLUS).	2004: Update to last obs date was based on interpretation of aerial photography (previous value was 2000-04-29) (U05FNA02FLUS). 2000-04-29: CANOPY OF WATER TUPELO (NYSSA AQUATICA), ASH (FRAXINUS PENNSYLVANICA?), RED MAPLE (ACER RUBRUM), BALD CYPRESS (TAXODIUM DISTICHUM), AMERICAN ELM (ULMUS AMERICANA), SWAMP LAUREL OAK (QUERCUS LAURIFOLIA) AND OVERCUP OAK (QUERCUS LYRATA). WATER ELM (PLANERA AQUATICA) VERY COMMON ALONG RIVER BANKS. LESS FREQUENT WERE WATER LOCUST (GLEDTISIA AQUATICA), RED MULBERRY (MORUS RUBRA), BASSWOOD (TILIA AMERICANA), LIVE OAK (QUERCUS VIRGINIANA), WATER HICKORY (CARYA AQUATICA), AND WILLOW (SALIX CAROLINIANA). CORNUS (FOEMINA?) FLOWERING ALONG BANKS. GROUND COVER OF HYMENOCALLIS CHOCTAWENSIS (FL) AND CRINUM AMERICANUM, PLUS POISON IVY IN HIGHER AREAS (PNDJOH01FLUS).
FLOOSWAM*6	Floodplain swamp		G4	S4	N	N	2004	FED BY AN ALLUVIAL STREAM CA 5 M WIDE & 3 M DEEP WITH CLAYEY SAND SUBSTRATE, LITTLE LEAF LITTER. SHALLOWLY SUBMERGED SAND BARS WITH NUPHAR LUTEUM; ROCK OUTCROPS WITH BRYOPHYTES.	2004: Update to last obs date was based on interpretation of aerial photography (previous value was 1982-11-11) (U05FNA02FLUS). SALIX CAROLINIANA, TAXODIUM DISTICHUM, CARPINUS CAROLINIANA, BETULA NIGRA, ULMUS AMERICANUM AND FRAXINUS SP.; CLUMPS OF EPIDENDRUM CONOPSEUM. UNDERSTORY RELATIVELY OPEN.



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GRAPBARB*1	<i>Graptemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST	2000-06-16	1999-05-01: Apalachicola River is a large alluvial river; extensive floodplain supports floodplain swamp and bottomland forest; map turtle nests on sandy beaches/bars and spoil mounds (PNDJAC01FLUS). 1992-05-09: Chipola River is a limestone-bottomed alluvial stream and spring run stream system bordered in part by swamp forest (cypress, tupelo, etc); river bank with logs along shorelines (UNDMOL02FLUS).	This river system is the principal occurrence for the species, and at one time was believed to be the only occurrence (more recent records from other rivers may stem from introductions). 1950-2000: >1,000 turtles observed (mostly basking), complemented by museum specimens. Graptemys seem mostly confined to main river channel; abundant Pseudemys concinna share logs but are also more common in swamp forest.
HAMISUBA*15	<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE	1987-10-10	1987-10-10: Spring-run river with sand and mud as its major bottom components (PNDBUT01FLUS).	1987-10-10: One live individual collected by Robert Butler (PNDBUT01FLUS). 1954-09-02: Six live pocketbooks collected by Clench and Turner.
HAMISUBA*4	<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE	1933-05-17	1933-05-17: karst spring-run stream (A40SCH01FLUS).	1933-05-17: UF 3284 (11), collected by O.C. Van Hyning. 1933-02-28: UF 3282 (17), O.C. Van Hyning (S33VANSMLUS). 1932-11-22: UF 3279 (6), collected by O.C. Van Hyning (S32VANSMLUS). 1915-1918: 15 specimens were collected (A40SCH01FLUS). Specimens probably housed at UMMZ.
ISONSICC*13	<i>Isonychia sicca</i>	A Mayfly	G5	S2S3	N	N	1994-12-08	1994-12-08: No description given (U09DEP01FLUS).	1994-12-08: Staff from the Florida Department of Environmental Protection collected this species (U09DEP01FLUS).
LILISUPE*6	<i>Lilium superbum</i>	Turk's cap lily	G5	S1	N	E	2010-04-03	2001-05-19: HARDWOOD FOREST ON BLUFF OVERLOOKING CHIPOLA RIVER (PNDNEL01FLUS).	2010-04-03: plants noted on site (PNDBRO12FLUS). 2001-06-30: Population observed by Gil Nelson, Angus Gholson, Wilson Baker. Two plants contained flower buds (U01NEL01FLUS). 2001-05-19: 20 ROBUST PLANTS IN ONE COLONY, 2 PLANTS WITH FLOWER BUDS, FEWER PLANTS IN THE OTHER COLONY; SOME FLOWER BUDS SEEN; PLANTS IN THE SMALLER COLONY APPEARED YELLOW, WITHERED, AND UNHEALTHY (PNDNELO1FLUS).



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MACRTEMM*1	<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3	S3	N	N	2018-07-28	The Apalachicola River (AR) is a large alluvial river with many tributaries and backwaters, bordered by floodplain swamp and some floodplain and bottomland forest (A76EWE01FLUS). Additional information: AR is subject to water level changes of up to 15 feet between drought and flood stages (A76EWE01FLUS). Moler (PNDMOL01FLUS) says that logs and other snags are generally rare along the stretch of river near SR-20, and the floodplain oxbows and sloughs may support greater numbers of turtles than the main river (U96MOL01FLUS). The Chipola River (CR), the largest tributary of the AR, includes substantial spring input, passes over limestone; dam that once formed Dead Lake near Wewahitchka was removed. Most of CR drainage is in rural landscape, much of it in agriculture or silviculture.	This river system apparently supports a robust population based on multiple records from sites throughout the system and spanning several decades, from at least 1953–2018.
MAGNPYRA*56	<i>Magnolia pyramidata</i>	pyramid magnolia	G4	S3	N	E	2010-04-03	2001-05-19: hardwood forest on bluff overlooking Chipola River (PNDNEL01FLUS).	2010-04-03: plants observed on site (PNDBRO12FLUS). 2001-05-19: numerous individuals ranging in size from sprouts to mature trees (PNDNEL01FLUS).
MARSOBOV*1	<i>Marshallia obovata</i>	Barbara's buttons	G4G5	S1	N	E	1960-04-22	NONE GIVEN IN BEST SOURCE. S60MITUF AND S60MITFS AT NORTH END OF GOLF COURSE UNDER SMALL PINES, MARIANNA CAVERNS STATE PARK.	NONE GIVEN IN U83DRP01, PARK CHECKLIST OF FCREPA SPECIES. 1960-04-22: FLOWERING.
MEDIPENI*10	<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE	1975	1975: Spring-run stream (PNDBRI06FLUS).	1975: One live bivalve captured (PNDBRI06FLUS). 1965: Two live bivalves captured. 1954-09-02: 23 live bivalves captured.



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MEDIPENI*2	<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE	1933-05-17	1933-05-17: Karst spring-run stream (A40SCH01FLUS).	1933-05-17: UF 4149 (3) collected by O.C. Van Hyning. 1933-02-28: UF 8400 (1) collected by O.C. Van Hyning. 1932-11-22: UF 4161 (6) and UF 8398 (2) collected by O.C. Van Hyning. 1918-1915: 63 specimens reported in (A40SCH01FLUS). Specimens probably housed at UMMZ (U. of Michigan).
MEGANERV*7	<i>Megaloniaias nervosa</i>	Washboard	G5	S3	N	N	ZZ	Karst spring-run stream (PNDBUT01FLUS).	Specimen in UF collection (no details known at present) (PNDBUT01FLUS).
PACHPROC*4	<i>Pachysandra procumbens</i>	Allegheny spurge	G4G5	S1	N	E	2015-03-14	Forested ridge with limestone outcrops in Marianna Lowlands physiographic province.	Two clusters of plants on rocky areas overlying two caves observed in 1999 (F99JAC01FLUS). Small cluster of non-flowering plants above a limestone outcrop with water flow from base observed in 2015 (F15GRI01FLUS).
PLEUPYRI*12	<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE	1991-08-15	1991-08-15: Spring-run river with sand and trees as its major components. Current was swift and Asiatic clam was rare (PNDBRI06FLUS).	1991-08-15: 2 live individuals and one dead were discovered during a 23.9 minute survey (PNDBRI06FLUS).
PODOPELT*6	<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E	2018	1995-03-20: Plants occur on a forested slope under a filtered canopy of <i>Quercus</i> spp., <i>Acer barbatum</i> , <i>Tilia americana</i> , <i>Fagus grandifolia</i> , and <i>Liriodendron tulipifera</i> (S95SCHFSFLUS, PNDSCH05FLUS).	Population consists of 2 separate locations. In 1995 Roughly 50-60 stems with flowers and immature fruit were observed at northern location, in 2018 species observed to the south.
PODOPELT*7	<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E	2018	2005-05-03: Bottomland along the Chipola River and transition to upland hardwood forest.	Present in two separate locations within this population. In 2005, a small cluster of plants (10-15 stems) in western location, in 2018 observed to the east of original observation.



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PSEUONC*1	<i>Pseudemys concinna concinna</i>	Eastern River Cooter	G5T5	S3	N	N	1995	Apalachicola River is a large alluvial river; extensive floodplain supports floodplain swamp and bottomland forest; cooters presumably nest on sandy beaches/bars and spoil mounds; large hydroelectric dam created Lake Seminole above this occurrence (PNDJAC01FLUS). Chipola River is a limestone-bottomed alluvial stream and spring run stream system bordered in part by swamp forest (cypress, tupelo, etc); river bank with logs along shorelines (UNDMOL02FLUS). Dead Lake is a wide, slow stretch of the Chipola River, formerly dammed, hence with many dead trees and stumps; cypress (PNDJAC01FLUS). Spring Creek emanates from Merritt's Mill Pond (dammed Blue Spring Run), empties into CR just southeast of Marianna.	As documented by dozens of different observations and records spanning more than a half century, this turtle occurs throughout much of the Apalachicola and Chipola river systems and their larger tributaries. "
QUADINFU*1	<i>Quadrula infucata</i>	Sculptured Pigtoe	G3	S2S3	N	N	1992	Apalachicola River system, including Chipola River.	This occurrence is documented by multiple records extending from 1918 - 1992. Williams et al. (2014) depict at least 33 sites from which this occurrence has been documented.
RHODAUST*5	<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E	1961-04-07	NONE GIVEN IN BEST SOURCE.	NONE GIVEN IN U83DRP01; PARK CHECKLIST OF FCREPA SPECIES.
SALVURTI*11	<i>Salvia urticifolia</i>	nettle-leaved sage	G5	S1	N	E	2007-11-01	2007-11-01: potential glade # 176: plants on edge of glade-like opening with <i>Polygla boykinii</i> , <i>Juniperus virginiana</i> , <i>Silphium astericus</i> , possibly <i>Thaspium barbinode</i> , <i>Sporobolus vaginiflorus</i> , and <i>Rudbeckia triloba</i> . Non-glade species in disturbed center are <i>Andropogon virginicus</i> and <i>Eremochloa ophiuroides</i> (PNDJOH01FLUS, PNDBAK03FLUS).	2007-11-01: Ca 100 plants in flower and fruit on edge of glade-like opening (PNDJOH01FLUS).



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SELOFERR*2	<i>Selonodon ferrugineus</i>	Rusty Cebionid Beetle	G2	S1S2	N	N	1974-07-23	1974-07-23: No description given (B99GAL01FLUS).	1974-07-23: 13 specimens were caught in a black light trap (B99GAL01FLUS). 1954-06-17: One specimen was collected (B99GAL01FLUS). 1948-07-08: Two specimens were caught in a black light trap (B99GAL01FLUS).
SPHORUFI*17	<i>Sphodros rufipes</i>	Red-legged Purse-web Spider	G4	S3	N	N	1977-06-06	1977-06-06: Webs are found at bases of trees in mesic forest (A80GER01FLUS).	1977-06-06: Gertsch and Platnick (1980) recorded species as present here, based on multiple collections from 1966-1977. More precise and updated record is needed (A80GER01FLUS). Florida Caverns State Park (A80GER01FLUS).
SPHORUFI*9	<i>Sphodros rufipes</i>	Red-legged Purse-web Spider	G4	S3	N	N	1997-08-24	1997-08-24: webs found at base of trees (U98MOL02FLUS).	1997-08-24: One female was collected on-site by P.E.Moler and Q.C.Lee (U98MOL02FLUS).
SPRISTRE*57	Spring-run stream		G2	S2	N	N	1995-01	1.2 MI OF STREAM BORDERED BY FLOODPLAIN FOREST OF A. RUBRUM, P. BORBONIA, Q. NIGRA, F. PROFUNDA, T. DISTICHUM & I. LASSINE W/ UNDERSTORY OF S. PALMETTO, S. MINOR & A. GIGANTEA.	1995-01-00: SILTATION FROM ACCESS ROADS NEEDS TO BE ADDRESSED IMMEDIATELY; LITTER ALSO BECOMING A PROBLEM (PNDPRI03). WATER CLARITY GOOD, DEPTH 0.1-1.5 M; WIDTH TO 5 M; SUBSTRATE COARSE SAND W/ SOME CLAY UNDERLAIN BY LIMEROCK; LITTLE LITTER; MODERATE S FLOW, DENSE STANDS OF CHARA, ALSO SOME STANDS OF POTAMOGETON.
STENFLOR*130	<i>Stenacron floridense</i>	A Mayfly	G3G4	S3S4	N	N	1999-02-16	1999-02-16: No description given (U09DEP01FLUS).	1999-02-16: This species was documented by Florida Department of Environmental Protection agency staff at two localities (U09DEP01FLUS).
STRORADI*5	<i>Strophitus radiatus</i>	Rayed Creekshell	G2G3	S1	N	N	1993-06-21	In its upper reaches, the Chipola River receives substantial spring (aquifer) water, although lower reaches have a blackwater aspect as well. Bottom components included sand and mud. The introduced Asian clam <i>Cobocula fluminea</i> is abundant. Much of the river passes through a landscape largely dedicated to agriculture and forestry, with the city of Marianna being the principal urbanized area.	1954-1993: Multiple observations and sites spanning most of the river and at least 4 decades



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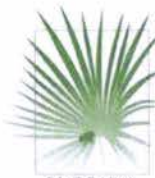
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UPLAFORE*12	Upland hardwood forest		G5	S3	N	N	2004	ON SLOPES & BLUFFS BORDERING THE FLOODPLAIN.	2004: Update to last obs date was based on interpretation of aerial photography (previous value was 1984) (U05FNA02FLUS). "MIXED HARDWOODS...GREAT VARIETY OF SPECIES...BEECH, ASH, OAK, HICKORY, WALNUT, ELM, LINDEN, FLORIDA MAPLE, SOUTHERN MAGNOLIA & AN OCCASIONAL SPRUCE PINE". (A63MIT01) MANY UNUSUAL, NORTHERN DISJUNCT FLORA.
UVULFLOR*1	<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E	1974-03-23	NONE GIVEN IN BEST SOURCE. S61MITFS: SLOPING AREA ADJACENT TO THE WETTER FLOODPLAIN ON EXTREME SOUTH SIDE MARIANNA CAVERNS STATE PARK [FLORIDA CAVERNS STATE PARK].	NONE GIVEN IN U83DRP01; PARK CHECKLIST OF FCREPA SPECIES. 1974-03-23: FLOWERING. 1961-03-19: FLOWERING.
UVULFLOR*10	<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E	2010-04-03	No general description given	2010-04-03: plants scattered along length of waterfront; flowering (PNDBRO12FLUS)
UVULFLOR*13	<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E	2015-03-14	2015-03-14 Plants occur along both sides of the entrance road, extending into the almost flatwoods, maybe two feet higher than the river floodplain. Associated species: dewberries, poison ivy, Viola sororia under mixed pines and hardwoods.	2015-03-14 Many flowering plants in numerous patches a few feet in diameter along edge of road.
UVULFLOR*3	<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E	1963-03-16	EDGE OF RIVER BOTTOM WOODS.	1963-03-16: FLOWERING. PERIANTH PALE YELLOW; RHIZOMES DEEP. STEMS CLOSE TOGETHER FORMING SINGLE COLONY.



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Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
Matrix Unit ID: 8348					
Likely					
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzentii's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	G3G4	S1	N	E
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Lythrum curtissii</i>	Curtiss' loosestrife	G1	S1	N	E
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Ruellia pedunculata</i> ssp. <i>pinetorum</i>	pinewoods wild petunia	G5T3T4	S1	N	N
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
<i>Xyris longisepala</i>	karst pond xyris	G2G3	S2S3	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T

Matrix Unit ID: 8349

Potential

<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzentii's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E

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Florida Natural Areas Inventory

Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	G3G4	S1	N	E
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Ruellia pedunculata</i> ssp. <i>pinetorum</i>	pinewoods wild petunia	G5T3T4	S1	N	N
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
<i>Xyris longisepala</i>	karst pond xyris	G2G3	S2S3	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T

Matrix Unit ID: 8448

Documented

<i>Apalone spinifera</i>	Spiny Softshell	G5	S3	N	N
<i>Elliptio purpurella</i>	Inflated Spike	G2	S2	N	N
<i>Graptemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Pseudemys concinna concinna</i>	Eastern River Cooter	G5T5	S3	N	N
<i>Quadrula infucata</i>	Sculptured Pigtoe	G3	S2S3	N	N
<i>Strophitus radiatus</i>	Rayed Creekshell	G2G3	S1	N	N

Likely

<i>Arnoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Caecidotea hobbsi</i>	Florida Cave Isopod	G1G2	S1S2	N	N
<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT
Floodplain swamp		G4	S4	N	N
<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE
<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE
Mesic flatwoods		G4	S4	N	N
<i>Micropterus catarractae</i>	Shoal Bass	G3	S1	N	N
<i>Mycteria americana</i>	Wood Stork	G4	S2	T	FT
<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE
Upland hardwood forest		G5	S3	N	N

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Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Ameiurus serracanthus</i>	Spotted Bullhead	G3	S3	N	N
<i>Amphiuma pholeter</i>	One-toed Amphiuma	G3	S3	N	N
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
Aquatic cave	Aquatic Cave	G3	S3	N	N
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzent's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	G3G4	S1	N	E
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Cambarus cryptodytes</i>	Dougherty Plain Cave Crayfish	G2G3	S2	N	N
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Magnolia ashei</i>	Ashe's magnolia	G3	S2	N	E
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Nuphar advena</i> ssp. <i>ulvacea</i>	West Florida cowlily	G5T2	S2	N	N
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integrata</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	G5T3	S3	N	N
<i>Rhexia salicifolia</i>	Panhandle meadowbeauty	G2	S2	N	T
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Ruellia pedunculata</i> ssp. <i>pinetorum</i>	pinewoods wild petunia	G5T3T4	S1	N	N
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
<i>Xyris longisepala</i>	karst pond xyris	G2G3	S2S3	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T

Matrix Unit ID: 8449

Documented

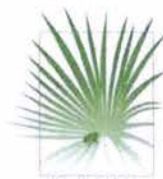
<i>Anemone americana</i>	roundlobed liverleaf	G5T5	S2	N	E
<i>Apalone spinifera</i>	Spiny Softshell	G5	S3	N	N

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<i>Elliptio purpurella</i>	Inflated Spike	G2	S2	N	N
<i>Gratemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST
<i>Lilium superbum</i>	Turk's cap lily	G5	S1	N	E
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Magnolia pyramidata</i>	pyramid magnolia	G4	S3	N	E
<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E
<i>Pseudemys concinna concinna</i>	Eastern River Cooter	G5T5	S3	N	N
<i>Quadrula infucata</i>	Sculptured Pigtoe	G3	S2S3	N	N
<i>Strophitus radiatus</i>	Rayed Creekshell	G2G3	S1	N	N
<i>Terrestrial cave</i>		G3	S2	N	N
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
Likely					
<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE
<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE
<i>Micropterus cataractae</i>	Shoal Bass	G3	S1	N	N
<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE
Upland hardwood forest		G5	S3	N	N
Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Ameiurus serracanthus</i>	Spotted Bullhead	G3	S3	N	N
<i>Andropogon arcatus</i>	pinewoods bluestem	G3	S3	N	T
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzentii's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	G3G4	S1	N	E
<i>Bombus fraternus</i>	Southern Plains Bumble Bee	G2G4	S1S2	N	N
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Nuphar advena ssp. ulvacea</i>	West Florida cowlily	G5T2	S2	N	N
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	G5T3	S3	N	N
<i>Rhexia salicifolia</i>	Panhandle meadowbeauty	G2	S2	N	T

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<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Ruellia pedunculata</i> ssp. <i>pinetorum</i>	pinewoods wild petunia	G5T3T4	S1	N	N
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Xyris longisepala</i>	karst pond xyris	G2G3	S2S3	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T
Matrix Unit ID: 8450					
Documented					
<i>Apalone spinifera</i>	Spiny Softshell	G5	S3	N	N
<i>Elliptio purpurella</i>	Inflated Spike	G2	S2	N	N
<i>Graptemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST
<i>Isonychia sicca</i>	A Mayfly	G5	S2S3	N	N
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E
<i>Pseudemys concinna concinna</i>	Eastern River Cooter	G5T5	S3	N	N
<i>Quadrula infucata</i>	Sculptured Pigtoe	G3	S2S3	N	N
<i>Stenacron floridense</i>	A Mayfly	G3G4	S3S4	N	N
<i>Strophitus radiatus</i>	Rayed Creekshell	G2G3	S1	N	N
Documented-Historic					
<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT
Likely					
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Cambarus cryptodytes</i>	Dougherty Plain Cave Crayfish	G2G3	S2	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	T	FT
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE
<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE
Mesic flatwoods		G4	S4	N	N
<i>Micropterus cataractae</i>	Shoal Bass	G3	S1	N	N
<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE
Upland hardwood forest		G5	S3	N	N
Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Ameiurus serracanthus</i>	Spotted Bullhead	G3	S3	N	N
<i>Amphiuma pholeter</i>	One-toed Amphiuma	G3	S3	N	N
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzent's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E

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<i>Bombus fraternus</i>	Southern Plains Bumble Bee	G2G4	S1S2	N	N
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Nuphar advena</i> ssp. <i>ulvacea</i>	West Florida cowlily	G5T2	S2	N	N
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	G5T3	S3	N	N
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T

Matrix Unit ID: 8451

Documented

<i>Apalone spinifera</i>	Spiny Softshell	G5	S3	N	N
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Delphinium carolinianum</i>	Carolina larkspur	G5	S1	N	E
<i>Elliptio purpurella</i>	Inflated Spike	G2	S2	N	N
Floodplain swamp		G4	S4	N	N
<i>Graptemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE
<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E
<i>Pseudemys concinna concinna</i>	Eastern River Cooter	G5T5	S3	N	N
<i>Quadrula infucata</i>	Sculptured Pigtoe	G3	S2S3	N	N
<i>Strophitus radiatus</i>	Rayed Creekshell	G2G3	S1	N	N

Documented-Historic

<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT
<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE
<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE
Terrestrial cave		G3	S2	N	N

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FLORIDA
Natural Areas
INVENTORY

Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
Likely					
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Caecidotea hobbsi</i>	Florida Cave Isopod	G1G2	S1S2	N	N
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	T	FT
<i>Micropterus cataractae</i>	Shoal Bass	G3	S1	N	N
Upland hardwood forest		G5	S3	N	N
Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Ameiurus serracanthus</i>	Spotted Bullhead	G3	S3	N	N
<i>Amphiuma pholeter</i>	One-toed Amphiuma	G3	S3	N	N
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
Aquatic cave	Aquatic Cave	G3	S3	N	N
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzent's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	G3G4	S1	N	E
<i>Cambarus cryptodytes</i>	Dougherty Plain Cave Crayfish	G2G3	S2	N	N
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Nuphar advena</i> ssp. <i>ulvacea</i>	West Florida cowlily	G5T2	S2	N	N
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	G5T3	S3	N	N
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T

Matrix Unit ID: 8551

Documented

Definitions: Documented - Rare species and natural communities documented on or near this site.

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FLORIDA
Natural Areas
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Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Pachysandra procumbens</i>	Allegheny spurge	G4G5	S1	N	E
<i>Salvia urticifolia</i>	nettle-leaved sage	G5	S1	N	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
Likely					
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	T	FT
<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT
<i>Graptemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST
<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE
<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE
Mesic flatwoods					
<i>Micropterus cataractae</i>	Shoal Bass	G3	S1	N	N
<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE
Upland hardwood forest		G5	S3	N	N
Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzent's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E
<i>Bombus fraternus</i>	Southern Plains Bumble Bee	G2G4	S1S2	N	N
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Cambarus cryptodytes</i>	Dougherty Plain Cave Crayfish	G2G3	S2	N	N
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Cyprinella callitaenia</i>	Bluestripe Shiner	G2G3	S2	N	N
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2S3	N	N
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Macranthera flammea</i>	hummingbird flower	G3	S2	N	E
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Nuphar advena</i> ssp. <i>ulvacea</i>	West Florida cowli	G5T2	S2	N	N
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	G5T3	S3	N	N
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Rhynchospora thornei</i>	Thorne's beaksedge	G3	S1S2	N	N

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FLORIDA
Natural Areas
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Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T
Matrix Unit ID: 8552					
Documented					
<i>Aquilegia canadensis</i>	wild columbine	G5	S1	N	E
<i>Euphorbia commutata</i>	wood spurge	G5	S2	N	E
<i>Pachysandra procumbens</i>	Allegheny spurge	G4G5	S1	N	E
<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E
Terrestrial cave		G3	S2	N	N
Likely					
<i>Amoglossum diversifolium</i>	variable-leaved Indian-plantain	G2	S2	N	T
<i>Brickellia cordifolia</i>	Flyr's brickell-bush	G3	S2	N	E
<i>Desmodium ochroleucum</i>	creamflower tick-trefoil	G2G3	S1	N	E
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S3	T	FT
<i>Elliptio chipolaensis</i>	Chipola Slabshell	G1	S1	T	FT
<i>Graptemys barbouri</i>	Barbour's Map Turtle	G2	S2	N	ST
<i>Hamiota subangulata</i>	Shiny-rayed Pocketbook	G2	S1S2	E	FE
<i>Medionidus penicillatus</i>	Gulf Moccasinshell	G2	S1	E	FE
<i>Micropterus cataractae</i>	Shoal Bass	G3	S1	N	N
<i>Myotis grisescens</i>	Gray Bat	G4	S1	E	FE
<i>Pleurobema pyriforme</i>	Oval Pigtoe	G2	S1S2	E	FE
Upland hardwood forest		G5	S3	N	N
Potential					
<i>Agrimonia incisa</i>	incised groove-bur	G3	S2	N	T
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander	G2	S1	E	FE
<i>Andropogon arctatus</i>	pinewoods bluestem	G3	S3	N	T
Aquatic cave	Aquatic Cave	G3	S3	N	N
<i>Asclepias viridula</i>	southern milkweed	G2	S2	N	T
<i>Asplenium x heteroresiliens</i>	Morzeni's spleenwort	G2	S1	N	N
<i>Baptisia megacarpa</i>	Apalachicola wild indigo	G2	S1	N	E
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	G3G4	S1	N	E
<i>Cambarus cryptodytes</i>	Dougherty Plain Cave Crayfish	G2G3	S2	N	N
<i>Coreopsis integrifolia</i>	ciliate-leaf tickseed	G1G2	S1	N	E
<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	G3G4	S1	N	N
<i>Eurycea wallacei</i>	Georgia Blind Salamander	G2	S2	N	ST
<i>Forestiera godfreyi</i>	Godfrey's swampprivet	G2	S2	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Heterodon simus</i>	Southern Hognose Snake	G2	S2S3	N	N
<i>Linum westii</i>	West's flax	G1	S1	N	E
<i>Lobelia boykinii</i>	Pond's lobelia	G2G3	S1	N	E
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	G3G4	S3	N	N
<i>Matelea floridana</i>	Florida spiny-pod	G2	S2	N	E

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FLORIDA
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Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Myotis austroriparius</i>	Southeastern Bat	G4	S3	N	N
<i>Nuphar advena</i> ssp. <i>ulvacea</i>	West Florida cowlily	G5T2	S2	N	N
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3	N	N
<i>Pinguicula primuliflora</i>	primrose-flowered butterwort	G3G4	S3	N	E
<i>Platanthera integra</i>	yellow fringeless orchid	G3G4	S3	N	E
<i>Pseudemys concinna suwanniensis</i>	Suwannee Cooter	G5T3	S3	N	N
<i>Rhododendron austrinum</i>	Florida flame azalea	G3	S3	N	E
<i>Rhynchospora crinipes</i>	hairy-peduncled beaksedge	G2G3	S2	N	E
<i>Ruellia noctiflora</i>	nightflowering wild petunia	G3?	S2	N	E
<i>Schisandra glabra</i>	bay star-vine	G3	S2	N	E
<i>Selonodon ferrugineus</i>	Rusty Cebrionid Beetle	G2	S1S2	N	N
<i>Spigelia gentianoides</i>	gentian pinkroot	G1	S1	E	E
<i>Torreya taxifolia</i>	Florida torreya	G1	S1	E	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E
<i>Xyris scabrifolia</i>	Harper's yellow-eyed grass	G3	S3	N	T

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Florida Natural Areas Inventory

Managed Area Element Summary

Chipola River Greenway



SCIENTIFIC NAME	COMMON NAME	Global rank	State rank	Federal status	State status
PLANTS					
<i>Euphorbia commutata</i>	wood spurge	G5	S2	N	E
<i>Pachysandra procumbens</i>	Allegheny spurge	G4G5	S1	N	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E

Note: Summary includes all documented and likely species occurrence records currently in the FNAI database.



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Natural Areas
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Florida Natural Areas Inventory
Managed Area Element Summary
Hinson Conservation and Recreation Area



SCIENTIFIC NAME	COMMON NAME	Global rank	State rank	Federal status	State status
PLANTS					
<i>Anemone americana</i>	roundlobed liverleaf	G5T5	S2	N	E
<i>Lilium superbum</i>	Turk's cap lily	G5	S1	N	E
<i>Magnolia pyramidata</i>	pyramid magnolia	G4	S3	N	E
<i>Podophyllum peltatum</i>	May apple	G5	S1	N	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E

Note: Summary includes all documented and likely species occurrence records currently in the FNAI database.



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Florida Natural Areas Inventory

Managed Area Element Summary

Marianna Greenway



SCIENTIFIC NAME	COMMON NAME	Global rank	State rank	Federal status	State status
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no elements are associated with this managed area

Note: Summary includes all documented and likely species occurrence records currently in the FNAI database.



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Florida Natural Areas Inventory

Managed Area Element Summary

Marianna Greenway



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

FNAI GLOBAL ELEMENT RANK

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

FNAI STATE ELEMENT RANK

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

FEDERAL LEGAL STATUS

Note: Summary includes all documented and likely species occurrence records currently in the FNAI database.

Florida Natural Areas Inventory

Managed Area Element Summary

Marianna Greenway



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

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

C = Candidate species for which federal listing agencies have sufficient information on biological vulnerability and threats to support proposing to list the species as Endangered or Threatened.

LE = Endangered: species in danger of extinction throughout all or a significant portion of its range.

LE, LT = Species currently listed endangered in a portion of its range but only listed as threatened in other areas

LE, PDL = Species currently listed endangered but has been proposed for delisting.

LE, PT = Species currently listed endangered but has been proposed for listing as threatened.

LE, XN = Species currently listed endangered but tracked population is a non-essential experimental population.

LT = Threatened: species likely to become Endangered within the foreseeable future throughout all or a significant portion of its range.

SAT = Treated as threatened due to similarity of appearance to a species which is federally listed such that enforcement personnel have difficulty in attempting to differentiate between the listed and unlisted species.

SC = Not currently listed, but considered a "species of concern" to USFWS.

STATE LEGAL STATUS

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

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

FE = Listed as Endangered Species at the Federal level by the U. S. Fish and Wildlife Service

FT = Listed as Threatened Species at the Federal level by the U. S. Fish and Wildlife Service

F(XN) = Federal listed as an experimental population in Florida

FT(S/A) = Federal Threatened due to similarity of appearance

ST = State population listed as Threatened by the FFWCC. Defined as a species, subspecies, or isolated population which is acutely vulnerable to environmental alteration, declining in number at a rapid rate, or whose range or habitat is decreasing in area at a rapid rate and as a consequence is destined or very likely to become an endangered species within the foreseeable future. (ST* for *Ursus americanus floridanus* (Florida black bear) indicates that this status does not apply in Baker and Columbia counties and in the Apalachicola National Forest. ST* for *Neovison vison* pop.1 (Southern mink, South Florida population) indicates that this status applies to the Everglades population only.)

SSC = Listed as Species of Special Concern by the FFWCC. Defined as a population which warrants special protection, recognition, or consideration because it has an inherent significant vulnerability to habitat modification, environmental alteration, human disturbance, or substantial human exploitation which, in the foreseeable future, may result in its becoming a threatened species. (SSC* indicates that a species has SSC status only in selected portions of its range in Florida. SSC* for *Pandion haliaetus* (Osprey) indicates that this status applies in Monroe county only.)

N = Not currently listed, nor currently being considered for listing.

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

LE = Endangered: species of plants native to Florida that are in imminent danger of extinction within the state, the survival of which is unlikely if the causes of a decline in the number of plants continue; includes all species determined to be endangered or threatened pursuant



Florida Natural Areas Inventory
Managed Area Element Summary
Marianna Greenway



to the U.S. Endangered Species Act.

LT = Threatened: species native to the state that are in rapid decline in the number of plants within the state, but which have not so decreased in number as to cause them to be Endangered.

N = Not currently listed, nor currently being considered for listing.

Elements and Element Occurrences

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

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

Element Ranking and Legal Status

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

FNAI GLOBAL ELEMENT RANK

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

FNAI STATE ELEMENT RANK

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

FEDERAL LEGAL STATUS

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

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

C = Candidate species for which federal listing agencies have sufficient information on biological vulnerability and threats to support proposing to list the species as Endangered or Threatened.

E = Endangered: species in danger of extinction throughout all or a significant portion of its range.

E, T = Species currently listed endangered in a portion of its range but only listed as threatened in other areas

E, PDL = Species currently listed endangered but has been proposed for delisting.

E, PT = Species currently listed endangered but has been proposed for listing as threatened.

E, XN = Species currently listed endangered but tracked population is a non-essential experimental population.

T = Threatened: species likely to become Endangered within the foreseeable future throughout all or a significant portion of its range.

PE = Species proposed for listing as endangered

PS = Partial status: some but not all of the species' infraspecific taxa have federal

PT = Species proposed for listing as threatened

SAT = Treated as threatened due to similarity of appearance to a species which is federally listed such that enforcement personnel have difficulty in attempting to differentiate between the listed and unlisted species.

SC = Not currently listed, but considered a "species of concern" to USFWS.

STATE LEGAL STATUS

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

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

C = Candidate for listing at the Federal level by the U. S. Fish and Wildlife Service

FE = Listed as Endangered Species at the Federal level by the U. S. Fish and Wildlife Service

FT = Listed as Threatened Species at the Federal level by the U. S. Fish and Wildlife Service

FXN = Federal listed as an experimental population in Florida

FT(S/A) = Federal Threatened due to similarity of appearance

ST = State population listed as Threatened by the FFWCC. Defined as a species, subspecies, or isolated population which is acutely vulnerable to environmental alteration, declining in number at a rapid rate, or whose range or habitat is decreasing in area at a rapid rate and as a consequence is destined or very likely to become an endangered species within the foreseeable future.

SSC = Listed as Species of Special Concern by the FFWCC. Defined as a population which warrants special protection, recognition, or consideration because it has an inherent significant vulnerability to habitat modification, environmental alteration, human disturbance, or substantial human exploitation which, in the foreseeable future, may result in its becoming a threatened species. (SSC* for *Pandion haliaetus* (Osprey) indicates that this status applies in Monroe county only.)

N = Not currently listed, nor currently being considered for listing.

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

E = Endangered: species of plants native to Florida that are in imminent danger of extinction within the state, the survival of which is unlikely if the causes of a decline in the number of plants continue; includes all species determined to be endangered or threatened pursuant to the U.S. Endangered Species Act.

T = Threatened: species native to the state that are in rapid decline in the number of plants within the state, but which have not so decreased in number as to cause them to be Endangered.

N = Not currently listed, nor currently being considered for listing.

Element Occurrence Ranking

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

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

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

FNAI also uses the following EO ranks:

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

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

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

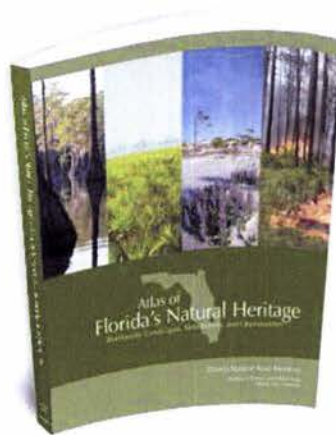
The rank of X is assigned to EOs for which there is documented destruction of habitat or environment, or persuasive evidence of eradication based on adequate survey (i.e., thorough or repeated survey efforts by one or more experienced observers at times and under conditions appropriate for the Element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



Atlas of Florida's Natural Heritage

Biodiversity, Landscapes, Stewardship, and Opportunities

The Florida Natural Areas Inventory is pleased to announce the publication of the ***Atlas of Florida's Natural Heritage: Biodiversity, Landscapes, Stewardship, and Opportunities***. This high-quality, full-color *Atlas* is sure to become a standard reference for anyone involved in the conservation, management, study, or enjoyment of Florida's rich natural resources. We hope the *Atlas* will inspire, educate, and raise awareness of and interest in biodiversity and conservation issues.



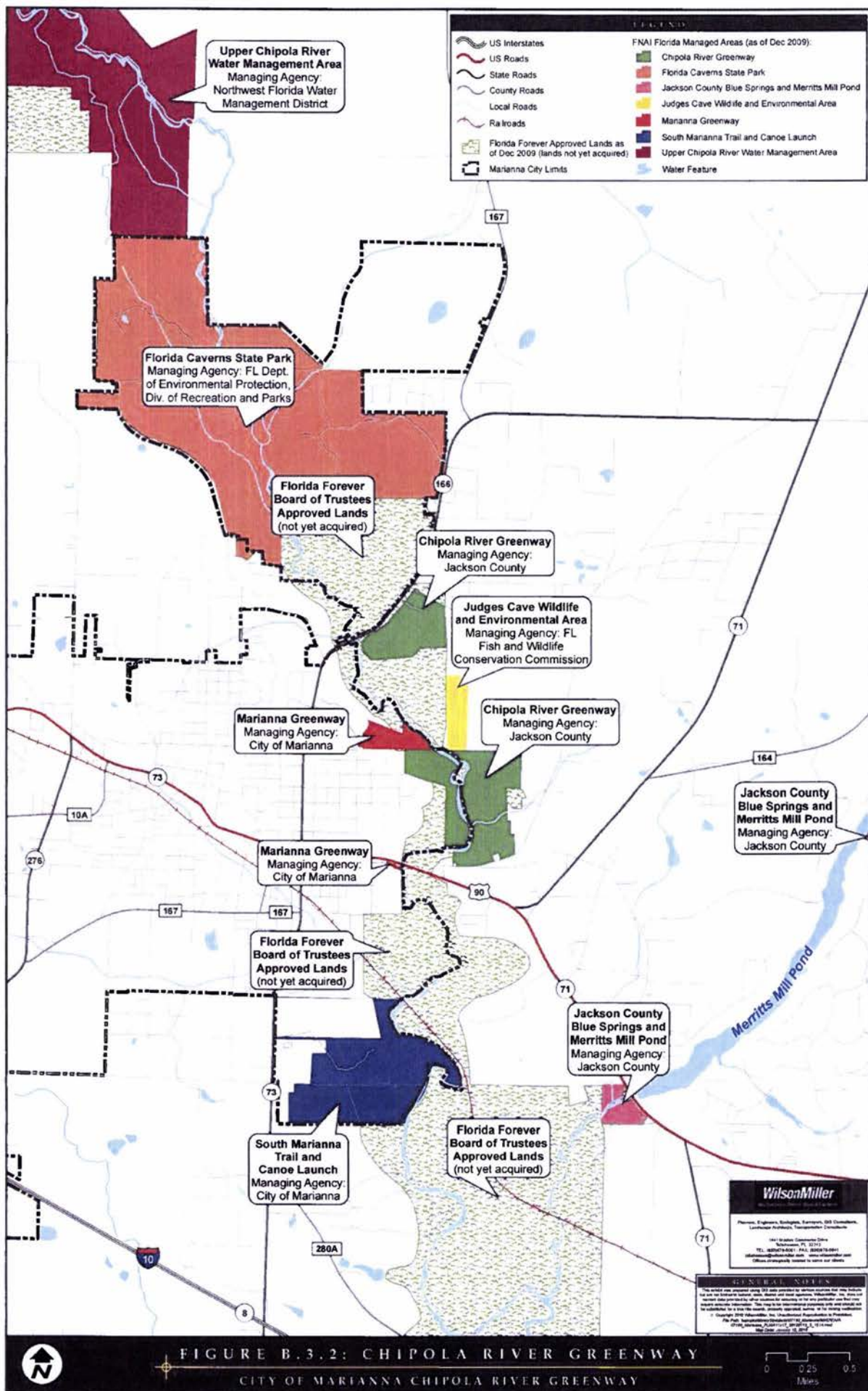
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Florida Natural Areas Inventory

Managed Area Element Summary

Chipola River Greenway



SCIENTIFIC NAME	COMMON NAME	Global rank	State rank	Federal status	State status
PLANTS					
<i>Euphorbia commutata</i>	wood spurge	G5	S2	N	E
<i>Pachysandra procumbens</i>	Allegheny spurge	G4G5	S1	N	E
<i>Uvularia floridana</i>	Florida merrybells	G3	S1	N	E

Note: Summary includes all documented and likely species occurrence records currently in the FNAI database.



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Managed Area Element Summary

Marianna Greenway



SCIENTIFIC NAME	COMMON NAME	Global rank	State rank	Federal status	State status
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no elements are associated with this managed area

Note: Summary includes all documented and likely species occurrence records currently in the FNAI database.

Florida Natural Areas Inventory

Managed Area Element Summary

Marianna Greenway



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LE = Endangered: species in danger of extinction throughout all or a significant portion of its range.

LE, LT = Species currently listed endangered in a portion of its range but only listed as threatened in other areas

LE, PDL = Species currently listed endangered but has been proposed for delisting.

LE, PT = Species currently listed endangered but has been proposed for listing as threatened.

LE, XN = Species currently listed endangered but tracked population is a non-essential experimental population.

LT = Threatened: species likely to become Endangered within the foreseeable future throughout all or a significant portion of its range.

SAT = Treated as threatened due to similarity of appearance to a species which is federally listed such that enforcement personnel have difficulty in attempting to differentiate between the listed and unlisted species.

SC = Not currently listed, but considered a "species of concern" to USFWS.

STATE LEGAL STATUS

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

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

FE = Listed as Endangered Species at the Federal level by the U. S. Fish and Wildlife Service

FT = Listed as Threatened Species at the Federal level by the U. S. Fish and Wildlife Service

F(XN) = Federal listed as an experimental population in Florida

FT(S/A) = Federal Threatened due to similarity of appearance

ST = State population listed as Threatened by the FFWCC. Defined as a species, subspecies, or isolated population which is acutely vulnerable to environmental alteration, declining in number at a rapid rate, or whose range or habitat is decreasing in area at a rapid rate and as a consequence is destined or very likely to become an endangered species within the foreseeable future. (ST* for *Ursus americanus floridanus* (Florida black bear) indicates that this status does not apply in Baker and Columbia counties and in the Apalachicola National Forest. ST* for *Neovison vison* pop.1 (Southern mink, South Florida population) indicates that this status applies to the Everglades population only.)

SSC = Listed as Species of Special Concern by the FFWCC. Defined as a population which warrants special protection, recognition, or consideration because it has an inherent significant vulnerability to habitat modification, environmental alteration, human disturbance, or substantial human exploitation which, in the foreseeable future, may result in its becoming a threatened species. (SSC* indicates that a species has SSC status only in selected portions of its range in Florida. SSC* for *Pandion haliaetus* (Osprey) indicates that this status applies in Monroe county only.)

N = Not currently listed, nor currently being considered for listing.

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

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Exhibit 2



For more information on
invasive exotic plants
including links to related
web pages, visit:

www.fleppc.org

FLEPPC List Definitions:

Exotic—a species introduced to Florida, purposefully or accidentally, from a natural range outside of Florida. **Native**—a species whose natural range includes Florida. **Naturalized exotic**—an exotic that sustains itself outside cultivation (it is still exotic; it has not “become” native).

Invasive exotic— an exotic that has not only naturalized, but is expanding on its own in Florida native plant communities.

Zone: **N** = north, **C** = central, **S** = south,
Referring to each species’ general distribution in
regions of Florida (not its potential range in the
state). Please refer to the map below.



Citation example:

FLEPPC. 2019 List of Invasive Plant Species.
Florida Exotic Pest Plant Council. Internet: www.fleppc.org

The 2019 list was prepared by the FLEPPC Plant List Committee

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CATEGORY I

Invasive exotics that are altering native plant communities by displacing native species, changing community structures or ecological functions, or hybridizing with natives. This definition does not rely on the economic severity or geographic range of the problem, but on the documented ecological damage caused.

Scientific Name	Common Name	Zone	Scientific Name	Common Name	Zone
<i>Abrus precatorius</i>	rosary pea	C, S	<i>Melinis repens</i>	Natalgrass	C, S
<i>Acacia auriculiformis</i>	earleaf acacia	C, S	<i>Microsorium grossum</i> ⁴	serpent fern, wart fern	S
<i>Albizia julibrissin</i>	mimosa, silk tree	N, C	<i>Microstegium vimineum</i>	Japanese stiltgrass	N
<i>Albizia lebbek</i>	woman's tongue	C, S	<i>Mimosa pigra</i>	catclaw mimosa	C, S
<i>Ardisia crenata</i>	coral ardisia	N, C, S	<i>Nandina domestica</i>	heavenly bamboo, nandina	N, C
<i>Ardisia elliptica</i>	shoebutton ardisia	C, S	<i>Nephrolepis brownii</i>	Asian sword fern	C, S
<i>Asparagus aethiopicus</i>	asparagus fern	N, C, S	<i>Nephrolepis cordifolia</i>	sword fern	N, C, S
<i>Bauhinia variegata</i>	orchid tree	C, S	<i>Neyraudia reynaudiana</i>	Burma reed	S
<i>Bischofia javanica</i>	bishopwood	C, S	<i>Nymphoides cristata</i>	crested floatingheart	C, S
<i>Colophyllum antillanum</i>	Santa Maria	S	<i>Paederia cruddasiana</i>	sewer vine	S
<i>Casuarina equisetifolia</i>	Australian-pine	N, C, S	<i>Paederia foetida</i>	skunk vine	N, C, S
<i>Casuarina glauca</i>	suckering Australian-pine	C, S	<i>Panicum repens</i>	torpedograss	N, C, S
<i>Cenchrus purpureus</i>	elephantgrass, Napier grass	N, C, S	<i>Pistia stratiotes</i>	water-lettuce	C, S
<i>(Pennisetum purpureum)</i>			<i>Psidium cattleianum</i>	stawberry guava	N, C, S
<i>Cinnamomum camphora</i>	camphor-tree	N, C, S	<i>Psidium guajava</i>	guava	C, S
<i>Colocasia esculenta</i>	wild taro	N, C, S	<i>Pueraria montana</i> var. <i>lobata</i>	kudzu	N, C, S
<i>Colubrina asiatica</i>	latherleaf	S	<i>Rhodomyrtus tomentosa</i>	downy rose-myrtle	C, S
<i>Cupaniopsis anacardioides</i>	carrotwood	C, S	<i>Ruellia simplex</i>	Mexican petunia	N, C, S
<i>Deparia petersenii</i>	Japanese false spleenwort	N, C	<i>Salvinia minima</i>	water spangles	N, C, S
<i>Dioscorea alata</i>	winged yam	N, C, S	<i>Scaevola taccada</i>	beach naupaka, half-flower	N, C, S
<i>Dioscorea bulbifera</i>	air potato	N, C, S	<i>Schefflera actinophylla</i>	schefflera, umbrella tree	C, S
<i>Dolichandra unguis-cati</i>	cat's-claw vine	N, C, S	<i>Schinus terebinthifolia</i>	Brazilian pepper	N, C, S
<i>(Macfadyena unguis-cati)</i>			<i>Scleria lacustris</i>	Wright's nutrush	C, S
<i>Eichhornia crassipes</i>	water-hyacinth	N, C, S	<i>Scleria microcarpa</i> [*]	tropical nutrush	C, S
<i>Eugenia uniflora</i>	Surinam cherry	C, S	<i>Senna pendula</i> var. <i>glabrata</i>	Christmas senna, climbing cassia	C, S
<i>Ficus microcarpa</i> ⁴	laurel fig	C, S	<i>Solanum tampicense</i>	wetland night shade	C, S
<i>Hydrilla verticillata</i>	hydrilla	N, C, S	<i>Solanum viarum</i>	tropical soda apple	N, C, S
<i>Hygrophila polysperma</i>	green hygro	N, C, S	<i>Sporobolus jacquemontii</i>	West Indian dropseed	C, S
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	N, C, S	<i>Syngonium podophyllum</i>	arrowhead vine	N, C, S
<i>Imperata cylindrica</i>	cogongrass	N, C, S	<i>Syzygium cumini</i>	Java plum	C, S
<i>Ipomoea aquatica</i>	water-spinach	C	<i>Tectaria incisa</i>	incised halberd fern	S
<i>Jasminum dichotomum</i>	Gold Coast jasmine	C, S	<i>Thelypteris opulenta</i>	jeweled maidenhair fern	S
<i>Jasminum fluminense</i>	Brazilian Jasmine	C, S	<i>Thespesia populnea</i>	seaside mahoe	C, S
<i>Lantana strigocamara</i> ²	lantana, shrub verben	N, C, S	<i>Tradescantia fluminensis</i>	small-leaf spiderwort	N, C
<i>Ligustrum lucidum</i>	glossy privet	N, C	<i>Tradescantia spathacea</i>	oyster plant	C, S
<i>Ligustrum sinense</i>	Chinese privet	N, C, S	<i>Triadica sebifera</i>	Chinese tallow-tree	N, C, S
<i>Lonicera japonica</i>	Japanese honeysuckle	N, C, S	<i>(Sapium sebiferum)</i>		
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	N, C, S	<i>Urena lobata</i>	Caesar's weed	N, C, S
<i>Lumnitzera racemosa</i>	black mangrove	S	<i>Urochloa mutica</i>	paragrass	N, C, S
<i>Luziola subintegra</i>	Tropical American watergrass	S	<i>Vitex rotundifolia</i>	beach vitex	N
<i>Lygodium japonicum</i>	Japanese climbing fern	N, C, S			
<i>Lygodium microphyllum</i>	Old World climbing fern	N, C, S			
<i>Manilkara zapota</i>	sapodilla	S			
<i>Melaleuca quinquenervia</i>	melaleuca, paper bark	C, S			

¹ Does not include *Ficus microcarpa* var. *fuyensis*, which is sold as "green island ficus".

² Historically this non-native has been referred to as *Lantana camara*, a species not known to occur in Florida.

³ Does not include the native endemic *Spermacoce neoterminalis*.

⁴ *Microsorium grossum* has been previously misidentified as *Microsorium scolopendria*.

^{*} Added to the FLEPPC List of Invasive Species in 2019.

Plant names are those published in the Atlas of Florida Plants (<http://www.florida.plantatlas.usf.edu>). For historical species nomenclature see "Guide to Vascular Plants of Florida Third Edition." Wunderlin and Hansen, University of Florida Press. 2011.

CATEGORY II

Invasive exotics that have increased in abundance or frequency but have extent shown by Category 1 species. These species may become Category

Scientific Name	Common Name	Zone	Sci
<i>Adenanthera pavonina</i>	red sandalwood	S	Koe
<i>Agave sisalana</i>	sisal hemp	C, S	Jorr
<i>Alstonia macrophylla</i>	devil tree	S	Lan
<i>Alternanthera philoxeroides</i>	alligatorweed	N, C, S	Leu
<i>Antigonon leptopus</i>	coral vine	N, C, S	Lim
<i>Ardisia japonica</i>	Japanese ardisia	N	Livi
<i>Aristolochia elegans</i>	calico flower	N, C, S	Ma
<i>(Aristolochia littoralis)</i>			Mei
<i>Asystasia gangetica</i>	Ganges primrose	C, S	(Ca
<i>Begonia cucullata</i>	wax begonia	N, C, S	Mei
<i>Broussonetia papyrifera</i>	paper mulberry	N, C, S	Mei
<i>Bruguiera gymnorhiza</i>	large-leafed mangrove	S	Mik
<i>Callisia fragrans</i>	Inch plant	C, S	Mo
<i>Casuarina cunninghamiana</i>	river sheoak	C, S	Mu
<i>Cecropia palmata</i>	trumpet tree	S	My
<i>Cenchrus polystachios</i>	mission grass	S	Pa
<i>(Pennisetum polystachios)</i>			Pho
<i>Cenchrus setaceus</i>	fountain grass	S	Phy
<i>(Pennisetum setaceum)</i>			Pitt
<i>Cestrum diurnum</i>	day jessamine	C, S	Plat
<i>Chamaedorea seifrizii</i>	bamboo palm	S	Pra
<i>Clematis terniflora</i>	Japanese clematis	N, C	Pte
<i>Cocos nucifera</i>	coconut palm	S	Pty
<i>Crassocephalum crepidioides</i>	redflower ragleaf	C, S	Ric
<i>Cryptostegia madagascariensis</i>	Madagascar rubbervine	C, S	Ric
<i>Cyperus involucreatus</i>	umbrella plant	C, S	Rot
<i>Cyperus proflifer</i>	dwarf papyrus	C, S	Rue
<i>Dactyloctenium aegyptium</i>	Durban crow's-foot grass	C, S	Sesi
<i>Dalbergia sissoo</i>	Indian rosewood, sissoo	C, S	Sid
<i>Dalechampia scandens</i> [*]	spurge-creeper	S	Sol
<i>Distimake tuberosus</i>	Spanish arbor vine, wood-rose	C, S	Sol
<i>(Merremia tuberosa)</i>			Spe
<i>Dracaena hyacinthoides</i>	bowstring hemp	C, S	Sph
<i>(Sansevieria hyacinthoides)</i>			Sta
<i>Elaeagnus pungens</i>	silverthorn, thorny olive	N, C	Sya
<i>Elaeagnus umbellata</i>	autumn olive, silverberry	N	Syz
<i>Epipremnum pinnatum</i> cv. 'Aureum'	pothos	C, S	Tali
<i>Eulophia graminea</i>	Chinese crown orchid	C, S	Ter
<i>Ficus altissima</i>	council tree, false banyan	S	Trib
<i>Flacourtia indica</i>	governor's plum	S	Uro
<i>Hemarthra altissima</i>	limpograss	C, S	(Pa
<i>Heteropterys brachiata</i>	redwing	S	Ver
<i>Hyparrhenia rufa</i>	jaragua	N, C, S	Vite
<i>Ipomoea carnea</i> subsp. <i>fistulosa</i>	shrub morning-glory	C, S	Wa
<i>Kalanchoe x houghtonii</i>	mother of millions	N, C, S	Wis
<i>Kalanchoe pinnata</i>	life plant	C, S	Xan



For more information on
invasive exotic plants
including links to related
web pages, visit:

www.fleppc.org

FLEPPC List Definitions:

Exotic—a species introduced to Florida, purposefully or accidentally, from a natural range outside of Florida. **Native**—a species whose natural range includes Florida. **Naturalized exotic**—an exotic that sustains itself outside cultivation (it is still exotic; it has not “become” native).

Invasive exotic— an exotic that has not only naturalized, but is expanding on its own in Florida native plant communities.

Zone: **N** = north, **C** = central, **S** = south, Referring to each species’ general distribution in regions of Florida (not its potential range in the state). Please refer to the map below.



Citation example:

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The 2019 list was prepared by the FLEPPC Plant List Committee

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Florida Exotic Pest Plant Council’s 2019 List of Invasive Plant Species

The mission of the Florida Exotic Pest Plant Council is to reduce the impacts of invasive plants in Florida through the exchange of scientific, educational, and technical information.

Note: The FLEPPC List of Invasive Plant Species is not a regulatory list. Only those plants listed as Federal Noxious Weeds, Florida Noxious Weeds, Florida Prohibited Aquatic Plants, or in local ordinances are regulated by law.

Purpose of the List

To provide a list of plants determined by the Florida Exotic Pest Plant Council to be invasive in natural areas of Florida and routinely update the list based upon information of newly identified occurrences and changes in distribution over time. Also, to focus attention on:

- The adverse effects exotic pest plants have on Florida’s biodiversity and native plant communities,
- The habitat losses in natural areas from exotic pest plant infestations,
- The impacts on endangered species via habitat loss and alteration,
- The need for pest plant management,
- The socio-economic impacts of these plants (e.g., increased wildfires or flooding in certain areas),
- Changes in the severity of different pest plant infestations over time,
- Providing information to help managers set priorities for research and control programs.

www.fleppc.org

CATEGORY I

Invasive exotics that are altering native plant communities by displacing native species, changing community structures or ecological functions, or hybridizing with natives. This definition does not rely on the economic severity or geographic range of the problem, but on the documented ecological damage caused.

Scientific Name	Common Name	Zone	Scientific Name	Common Name	Zone
<i>Abrus precatorius</i>	rosary pea	C, S	<i>Melinis repens</i>	Natalgrass	C, S
<i>Acacia auriculiformis</i>	earleaf acacia	C, S	<i>Microsorium grossum</i> ¹	serpent fern, wart fern	S
<i>Albizia julibrissin</i>	mimosa, silk tree	N, C	<i>Microstegium vimineum</i>	Japanese stiltgrass	N
<i>Albizia lebeckii</i>	woman's tongue	C, S	<i>Mimosa pigra</i>	catclaw mimosa	C, S
<i>Ardisia crenata</i>	coral ardisia	N, C, S	<i>Nandina domestica</i>	heavenly bamboo, nandina	N, C
<i>Ardisia elliptica</i>	shoebutton ardisia	C, S	<i>Nephrolepis brownii</i>	Asian sword fern	C, S
<i>Asparagus aethiopicus</i>	asparagus fern	N, C, S	<i>Nephrolepis cordifolia</i>	sword fern	N, C, S
<i>Bauhinia variegata</i>	orchid tree	C, S	<i>Neyraudia reynaudiana</i>	Burma reed	S
<i>Bischofia javanica</i>	bishopwood	C, S	<i>Nymphoides cristata</i>	crested floatingheart	C, S
<i>Calophyllum antillarum</i>	Santa Maria	S	<i>Paederia cruddasiana</i>	sewer vine	S
<i>Casuarina equisetifolia</i>	Australian pine	N, C, S	<i>Paederia foetida</i>	skunk vine	N, C, S
<i>Casuarina glauca</i>	suckering Australian pine	C, S	<i>Panicum repens</i>	torpedograss	N, C, S
<i>Cenchrus purpureus</i>	elephantgrass, Napier grass	N, C, S	<i>Pistia stratiotes</i>	water-lettuce	N, C, S
<i>(Pennisetum purpureum)</i>			<i>Psidium cattleianum</i>	stawberry guava	C, S
<i>Cinnamomum camphora</i>	camphor tree	N, C, S	<i>Psidium guajava</i>	guava	C, S
<i>Colocasia esculenta</i>	wild taro	N, C, S	<i>Pueraria montana</i> var. <i>lobata</i>	kudzu	N, C, S
<i>Colubrina asiatica</i>	latherleaf	S	<i>Rhodomyrtus tomentosa</i>	downy rose-myrtle	C, S
<i>Cupaniopsis anacardioides</i>	carrotwood	C, S	<i>Ruellia simplex</i>	Mexican petunia	N, C, S
<i>Deparia petersonii</i>	Japanese false spleenwort	N, C	<i>Salvinia minima</i>	water spangles	N, C, S
<i>Dioscorea alata</i>	winged yam	N, C, S	<i>Scaevola taccada</i>	beach naupaka, half-flower	N, C, S
<i>Dioscorea bulbifera</i>	air potato	N, C, S	<i>Schefflera actinophylla</i>	schefflera, umbrella tree	C, S
<i>Dolichandra unguis-cati</i>	cat's-claw vine	N, C, S	<i>Schinus terebinthifolia</i>	Brazilian pepper	N, C, S
<i>(Macfadyena unguis-cati)</i>			<i>Scleria lacustris</i>	Wright's nutrush	C, S
<i>Eichhornia crassipes</i>	water-hyacinth	N, C, S	<i>Scleria microcarpa</i> ²	tropical nutrush	C, S
<i>Eugenia uniflora</i>	Surinam cherry	C, S	<i>Senna pendula</i> var. <i>glabrata</i>	Christmas senna, climbing cassia	C, S
<i>Ficus microcarpa</i> ³	laurel fig	C, S	<i>Solanum tampicense</i>	wetland night shade	C, S
<i>Hydrilla verticillata</i>	hydrilla	N, C, S	<i>Solanum viarum</i>	tropical soda apple	N, C, S
<i>Hydrophyllum polysperma</i>	green hygro	N, C, S	<i>Sporobolus jacquemontii</i>	West Indian dropseed	C, S
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	N, C, S	<i>Synagonium podophyllum</i>	arrowhead vine	N, C, S
<i>Imperata cylindrica</i>	cogongrass	N, C, S	<i>Syzygium cumini</i>	Java plum	C, S
<i>Ipomoea aquatica</i>	water-spinach	C	<i>Tectaria incisa</i>	incised halberd fern	S
<i>Jasminum dichotomum</i>	Gold Coast Jasmine	C, S	<i>Thelypteris pulchra</i>	jeweled maidenhair fern	S
<i>Jasminum fluminense</i>	Brazilian Jasmine	C, S	<i>Thespesia populnea</i>	seaside mahoe	C, S
<i>Lantana strigocamaris</i> ⁴	lantana, shrub verbena	N, C, S	<i>Tradescantia fluminensis</i>	small-leaf spiderwort	N, C
<i>Ligustrum lucidum</i>	glossy privet	N, C	<i>Tradescantia spathacea</i>	oyster plant	C, S
<i>Ligustrum sinense</i>	Chinese privet	N, C, S	<i>Triplaris sebiferum</i>	Chinese tallow tree	N, C, S
<i>Lonicera japonica</i>	Japanese honeysuckle	N, C, S	<i>(Sapium sebiferum)</i>		
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	N, C, S	<i>Urena lobata</i>	Caesar's weed	N, C, S
<i>Lumnitzera racemosa</i>	black mangrove	S	<i>Urochloa mutica</i>	paragrass	N, C, S
<i>Luziola subintegra</i>	Tropical American watergrass	S	<i>Vitex rotundifolia</i>	beach vitex	N
<i>Lygodium japonicum</i>	Japanese climbing fern	N, C, S			
<i>Lygodium microphyllum</i>	Old World climbing fern	N, C, S			
<i>Manihara zapota</i>	sapodilla	S			
<i>Melaleuca quinquenervia</i>	melaleuca, paper bark	C, S			

¹ Does not include *Ficus microcarpa* var. *fuyensis*, which is sold as "green island ficus".

² Historically this non-native has been referred to as *Lantana camara*, a species not known to occur in Florida.

³ Does not include the native endemic *Spermacoce neoterminalis*.

⁴ *Microsorium grossum* has been previously misidentified as *Microsorium scolopendria*.

⁵ Added to the FLEPPC List of Invasive Species in 2019.

Plant names are those published in the Atlas of Florida Plants (<http://www.florida.plantatlas.usf.edu>). For historical species nomenclature see "Guide to Vascular Plants of Florida Third Edition." Wunderlin and Hansen, University of Florida Press. 2011.

CATEGORY II

Invasive exotics that have increased in abundance or frequency but have not yet altered Florida plant communities to the extent shown by Category 1 species. These species may become Category 1 if ecological damage is demonstrated.

Scientific Name	Common Name	Zone	Scientific Name	Common Name	Zone
<i>Adenanthura pavonina</i>	red sandalwood	S	<i>Koelerutera elegans</i> subsp. <i>formosana</i>	flamegold tree	C, S
<i>Agave sisalana</i>	sisal hemp	C, S	<i>Landolphia punctata</i>	spotted duckweed	N, C, S
<i>Alstonia macrophylla</i>	devil tree	S	<i>Leucaena leucocephala</i>	leadtree	N, C, S
<i>Alternanthera philoxeroides</i>	alligatorweed	N, C, S	<i>Limnophila sessiliflora</i>	Asian marshweed	N, C, S
<i>Antigonon leptopus</i>	coral vine	N, C, S	<i>Livistona chinensis</i>	Chinese fan palm	C, S
<i>Ardisia japonica</i>	Japanese ardisia	N	<i>Macarostegium lathyroides</i>	wild bushbean	N, C, S
<i>Aristolochia elegans</i>	calico flower	N, C, S	<i>Melaleuca viminalis</i>	bottlebrush	C, S
<i>(Aristolochia littoralis)</i>			<i>(Callistemon viminalis)</i>		
<i>Asystasia gangetica</i>	Ganges primrose	C, S	<i>Melia azedarach</i>	Chinaberry	N, C, S
<i>Begonia cucullata</i>	wax begonia	N, C, S	<i>Melinis minutiflora</i>	mollasses grass	C, S
<i>Broussonetia papyrifera</i>	paper mulberry	N, C, S	<i>Mikania micrantha</i>	mile-a-minute vine	S
<i>Bruguiera gymnorhiza</i>	large-leafed mangrove	C, S	<i>Momordica charantia</i>	balism-apple	N, C, S
<i>Callisia fragrans</i>	inch plant	C, S	<i>Muraya paniculata</i>	orange-jessamine	S
<i>Casuarina cunninghamiana</i>	river sheoak	C, S	<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	N, C, S
<i>Cecropia palmata</i>	trumpet tree	S	<i>Passiflora biflora</i>	twin-flowered passion vine	S
<i>Cenchrus polystachios</i>	mission grass	S	<i>Phoenix reclinata</i>	Senegal date palm	C, S
<i>(Pennisetum polystachios)</i>			<i>Phyllostachys aurea</i>	golden bamboo	N, C
<i>Cenchrus setaceus</i>	fountain grass	S	<i>Pittosporum pentandrum</i>	Taiwanese cheesewood	S
<i>(Pennisetum setaceum)</i>			<i>Platycodon bifurcatus</i>	staghorn fern	S
<i>Cestrum diurnum</i>	day jessamine	C, S	<i>Praxelis clematidea</i>	praxelis	C
<i>Chamaedorea seifrizii</i>	bamboo palm	S	<i>Pteris vittata</i>	Chinese brake, ladder brake	N, C, S
<i>Clematis terniflora</i>	Japanese clematis	N, C	<i>Ptychosperma elegans</i>	solitary palm	S
<i>Cocos nucifera</i>	coconut palm	S	<i>Richardia grandiflora</i>	largeflower Mexican clover	N, C, S
<i>Crossocephalum crepidioides</i>	redflower ragleaf	C, S	<i>Ricinus communis</i>	castorbean	N, C, S
<i>Cryptostegia madagascariensis</i>	Madagascar rubbervine	C, S	<i>Rotala rotundifolia</i>	dwarf rotala, roundleaf toothcup	S
<i>Cyperus involutus</i>	umbrella plant	C, S	<i>Ruellia blechum</i>	green shrimp plant	N, C, S
<i>Cyperus prolifer</i>	dwarf papyrus	C, S	<i>Sebania punicea</i>	rattlebox	N, C, S
<i>Dactyloctenium aegyptium</i>	Durban crow's foot grass	C, S	<i>Sida planicaulis</i>	mata-pasto	C, S
<i>Dalbergia sissoo</i>	Indian rosewood, sissoo	C, S	<i>Solanum diphyllum</i>	twinleaf nightshade	N, C, S
<i>Dalechampia scandens</i> ⁵	spurge creeper	S	<i>Solanum torvum</i>	turkey berry	N, C, S
<i>Distrokea tuberosus</i>	Spanish arbor vine, wood-rose	C, S	<i>Spermacoce verticillata</i> ⁵	shrubby false buttonweed	C, S
<i>(Merremia tuberosa)</i>			<i>Sphagnetocola trilobata</i>	wedelia	N, C, S
<i>Dracaena hyacinthoides</i>	bowstring hemp	C, S	<i>Stachytarpheta cayennensis</i>	nettle-leaf porterweed	S
<i>(Sansevieria hyacinthoides)</i>			<i>Syagrus romanzoffiana</i>	queen palm	C, S
<i>Elaeagnus pungens</i>	silverthorn, thorny olive	N, C	<i>Syzygium jambos</i>	Malabar plum, rose-apple	N, C, S
<i>Elaeagnus umbellata</i>	autumn olive, silverberry	N	<i>Talipariti bilaceum</i>	mahoe, sea hibiscus	C, S
<i>Epipremnum pinnatum</i> cv. <i>'Aureum'</i>	pothos	C, S	<i>Terminalia catappa</i>	tropical almond	C, S
<i>Eulophia graminea</i>	Chinese crown orchid	C, S	<i>Terminalia muelleri</i>	Australian-almond	C, S
<i>Ficus altissima</i>	council tree, false banyan	S	<i>Tribulus cistoides</i>	puncture vine, burr-nut	N, C, S
<i>Flacourtia indica</i>	governor's plum	S	<i>Urochloa maxima</i>	Guineagrass	N, C, S
<i>Hemarthra altissima</i>	limpograss	C, S	<i>(Panicum maximum)</i>		
<i>Heteropteryx brachiata</i>	redwing	S	<i>Vernicia fordii</i>	tung-oil tree	N, C, S
<i>Hyparrhenia rufa</i>	jaragua	N, C, S	<i>Vitex trifolia</i>	simple-leaf chastetree	C, S
<i>Ipomoea carnea</i> subsp. <i>fistulosa</i>	shrub morning-glory	C, S	<i>Washingtonia robusta</i>	Washington fan palm	C, S
<i>Kalanchoe x houghtonii</i>	mother of millions	N, C, S	<i>Wisteria sinensis</i>	Chinese wisteria	N, C
<i>Kalanchoe pinnata</i>	life plant	C, S	<i>Xanthosoma sagittifolium</i>	malanga, elephant ear	N, C, S

Florida Exotic Pest Plant Council's 2015 List of Invasive Plant Species

Purpose of the List: To focus attention on —

- ▶ the adverse effects of exotic pest plants on Florida's biodiversity and native plant communities,
- ▶ the habitat losses in natural areas from exotic pest plant infestations,
- ▶ the impacts on endangered species via habitat loss and alteration,
- ▶ the need for pest plant management,
- ▶ the socio-economic impacts of these plants (e.g., increased wildfires or flooding in certain areas),
- ▶ changes in the severity of different pest plant infestations over time,
- ▶ providing information to help managers set priorities for research and control programs.

CATEGORY I

Invasive exotics that are altering native plant communities by displacing native species, changing community structures or ecological functions, or hybridizing with natives. This definition does not rely on the economic severity or geographic range of the problem, but on the documented ecological damage caused.

Scientific Name	Common Name	FLEPPC Category	Gov. List	Regional Distribution
<i>Abrus precatorius</i>	rosary pea	I	N	C, S
<i>Acacia auriculiformis</i>	earleaf acacia	I		C, S
<i>Albizia julibrissin</i>	mimosa, silk tree	I		N, C
<i>Albizia lebeckii</i>	woman's tongue	I		C, S
<i>Ardisia crenata</i> (A. crenulata misapplied)	coral ardisia	I	N	N, C, S
<i>Ardisia elliptica</i> (A. humilis misapplied)	shoebuton ardisia	I	N	C, S
<i>Asparagus aethiopicus</i> (A. sprengeri; A. densiflorus misapplied)	asparagus-fern	I		N, C, S
<i>Bauhinia variegata</i>	orchid tree	I		C, S
<i>Bischofia javanica</i>	bishopwood	I		C, S
<i>Calophyllum antillarum</i> (C. calaba misapplied)	Santa Maria, mast wood, Antilles calophyllum	I		S
<i>Casuarina equisetifolia</i>	Australian-pine, beach sheoak	I	P, N	N, C, S
<i>Casuarina glauca</i>	suckering Australian-pine, gray sheoak	I	P, N	C, S
<i>Cinnamomum camphora</i>	camphor tree	I		N, C, S
<i>Colocasia esculenta</i>	wild taro	I		N, C, S
<i>Colubrina asiatica</i>	lather leaf	I	N	S
<i>Cupaniopsis anacardioides</i>	carrotwood	I	N	C, S
<i>Deparia petersenii</i>	Japanese false spleenwort	I		N, C
<i>Dioscorea alata</i>	winged yam	I	N	N, C, S
<i>Dioscorea bulbifera</i>	air-potato	I	N	N, C, S
<i>Dolichandra unguis-cati</i> (=Macfadyena unguis-cati)	cat's claw vine	I		N, C, S
<i>Eichhornia crassipes</i>	water-hyacinth	I	P	N, C, S
<i>Eugenia uniflora</i>	Surinam cherry	I		C, S
<i>Ficus microcarpa</i> (F. nitida and F. retusa var. nitida misapplied) ¹	laurel fig	I		C, S
<i>Hydrilla verticillata</i>	hydrilla	I	P, U	N, C, S
<i>Hygrophila polysperma</i>	green hygro	I	P, U	N, C, S
<i>Hymenachne amplexicaulis</i>	West Indian marsh grass	I		N, C, S
<i>Imperata cylindrica</i> (I. brasiliensis misapplied)	cogon grass	I	N, U	N, C, S
<i>Ipomoea aquatica</i>	water-spinach	I	P, U	C
<i>Jasminum dichotomum</i>	Gold Coast jasmine	I		C, S
<i>Jasminum fluminense</i>	Brazilian jasmine	I		C, S
<i>Lantana camara</i> (= L. strigocamara)	lantana, shrub verbena	I		N, C, S
<i>Ligustrum lucidum</i>	glossy privet	I		N, C
<i>Ligustrum sinense</i>	Chinese privet, hedge privet	I	N ²	N, C, S
<i>Lonicera japonica</i>	Japanese honeysuckle	I		N, C, S
<i>Ludwigia hexapetala</i>	Uruguay waterprimrose	I		N, C
<i>Ludwigia peruviana</i>	Peruvian primrosewillow	I		N, C, S
<i>Lumnitzera racemosa</i>	kripi, white-flowered mangrove; black mangrove	I		S
<i>Luziola subintegra</i>	Tropical American water grass	I		S
<i>Lygodium japonicum</i>	Japanese climbing fern	I	N	N, C, S

¹Does not include *Ficus microcarpa* subsp. *fuyensis*, which is sold as "Green Island Ficus"

²Chinese privet is a FLDACS Noxious Weed except for the cultivar 'Variegatum'

FLEPPC List Definitions:

Exotic — a species introduced to Florida, purposefully or accidentally, from a natural range outside of Florida.

Native — a species whose natural range includes Florida.

Naturalized exotic — an exotic that sustains itself outside cultivation (it is still exotic; it has not "become" native).

Invasive exotic — an exotic that not only has naturalized, but is expanding on its own in Florida native plant communities.

Abbreviations:

Government List (Gov. List):
P = Prohibited aquatic plant by the Florida Department of Agriculture and Consumer Services

N = Noxious weed listed by Florida Department of Agriculture & Consumer Services

U = Noxious weed listed by U.S. Department of Agriculture.

Regional Distribution:

N = north, C = central, S = south, referring to each species' current distribution in general regions of Florida (not its potential range in the state). Please refer to the map below.



Changes to the 2015 List:

New Category I Listings:

Sporobolus jacquemontii (West Indian dropseed)

This weedy grass, a native of the West Indies and tropical America, was introduced into Florida in the early 1900s. In the 1980s-1990s, it was becoming noticeable, especially in pastures where it crowds out forage grasses. It is not palatable for cattle and is very difficult to control. In recent years, this weed has been advancing into natural areas such as palmetto prairies and open flatwoods. West Indian dropseed is a close relative of, and very similar in appearance to, smut grass, *Sporobolus indicus*, leading to confusion with identification. The seedheads of both grasses can be affected by a smut fungus that leaves the seeds black and unfertile. Both grasses have spike-like seedheads. West Indian dropseed is taller, usually about 3-4 feet tall, with spreading seedhead branches. Smut grass is usually 1-2 feet tall with a tight cylindrical spike. Both species are very weedy, but West Indian dropseed is the one that has started invading native habitats.

David Hall

Vitex rotundifolia (Beach vitex)

Beach vitex is a deciduous shrub that can grow to 1.5 m (5'). The nodal rooting system can extend 10m (34') with stems that can extend over 6m (20') from the main taproot. Young stems are green with fleshy tips that become larger in diameter, brown, and woody with age. Vitex has simple aromatic leaves that are sometimes palmately trifoliate. Leaves are 2-6.5 cm long and 1-4.5 cm wide. The flower is purple in color and appears in late spring to early summer. Vitex can be found on dunes, vacant lots, and along public right-of-ways.

Rick O'Connor, Florida Sea Grant/ University of Florida

New Category II Listings:

Crassocephalum crepidioides (redflower ragleaf)

Crassocephalum crepidioides is a member of the Aster family native to tropical Africa. This erect herb has a soft stem with lobed leaves and red flowers, with high seed production of more than 4000 per plant. Seeds are dispersed by the wind. First found

Scientific Name	Common Name	FLEPPC Category	Gov. List	Regional Distribution
<i>Lygodium microphyllum</i>	Old World climbing fern	I	N, U	C, S
<i>MacJadyvena unguis-cati</i> (see <i>Dolichandra unguis-cati</i>)				
<i>Manilkara zapota</i>	sapodilla	I		S
<i>Melaleuca quinquenervia</i>	melaleuca, paper bark	I	P, N, U	C, S
<i>Melinis repens</i> (= <i>Rhynchelytrum repens</i>)	Natal grass	I		N, C, S
<i>Mimosa pigra</i>	catclaw mimosa	I	P, N, U	C, S
<i>Nandina domestica</i>	nandina, heavenly bamboo	I		N, C
<i>Nephrolepis brownii</i> (= <i>N. multiflora</i>)	Asian sword fern	I		C, S
<i>Nephrolepis cordifolia</i>	sword fern	I		N, C, S
<i>Neyraudia reynaudiana</i>	Burma reed, cane grass	I	N	S
<i>Nymphoides cristata</i>	crested floating heart	I	N	C, S
<i>Paederia cruddasiana</i>	sewer vine, onion vine	I	N	S
<i>Paederia foetida</i>	skunk vine	I	N	N, C, S
<i>Panicum repens</i>	torpedo grass	I		N, C, S
<i>Pennisetum purpureum</i>	Napier grass, elephant grass	I		N, C, S
<i>Phymatosorus scolopendria</i>	serpent fern, wart fern	I		S
<i>Pistia stratiotes</i>	water-lettuce	I	P	N, C, S
<i>Psidium cattleianum</i> (= <i>P. littorale</i>)	strawberry guava	I		C, S
<i>Psidium guajava</i>	guava	I		C, S
<i>Pueraria montana</i> var. <i>lobata</i> (= <i>P. lobata</i>)	kudzu	I	N	N, C, S
<i>Rhodomyrtus tomentosa</i>	downy rose-myrtle	I	N	C, S
<i>Rhynchelytrum repens</i> (See <i>Melinis repens</i>)				
<i>Ruellia simplex</i> ¹	Mexican petunia	I		N, C, S
<i>Salvinia minima</i>	water spangles	I		N, C, S
<i>Sapium schiferum</i> (= <i>Triadica schifera</i>)	popcorn tree, Chinese tallow tree	I	N	N, C, S
<i>Scaevola taccada</i> (= <i>Scaevola sericea</i> , <i>S. frutescens</i>)	scaevola, half-flower, beach naupaka	I	N	C, S
<i>Schefflera actinophylla</i> (= <i>Brassaia actinophylla</i>)	schefflera, Queensland umbrella tree	I		C, S
<i>Schinus terebinthifolius</i>	Brazilian-pepper	I	P, N	N, C, S
<i>Scleria lacustris</i>	Wright's nutrush	I		C, S
<i>Senna pendula</i> var. <i>glabrata</i> (= <i>Cassia coluteoides</i>)	climbing cassia, Christmas cassia, Christmas senna	I		C, S
<i>Solanum tampicense</i> (= <i>S. houstonii</i>)	wetland nightshade, aquatic soda apple	I	N, U	C, S
<i>Solanum viarum</i>	tropical soda apple	I	N, U	N, C, S
<i>Sporobolus jacquemontii</i> * (= <i>S. indicus</i> var. <i>pyramidalis</i>)	West Indian dropseed	I		C, S
<i>Syngonium podophyllum</i>	arrowhead vine	I		N, C, S
<i>Syzygium cumini</i>	jambolan-plum, Java-plum	I		C, S
<i>Tectaria incisa</i>	incised halberd fern	I		S
<i>Thespesia populnea</i>	seaside mahoe	I		C, S
<i>Tradescantia fluminensis</i>	small-leaf spiderwort	I		N, C
<i>Urena lobata</i>	Caesar's weed	I		N, C, S
<i>Urochloa mutica</i> (= <i>Brachiaria mutica</i>)	Para grass	I		C, S
<i>Vitex rotundifolia</i> *	beach vitex	I		N

CATEGORY II

Invasive exotics that have increased in abundance or frequency but have not yet altered Florida plant communities to the extent shown by Category I species. These species may become ranked Category I if ecological damage is demonstrated.

Scientific Name	Common Name	FLEPPC Category	Gov. List	Regional Distribution
<i>Adenanthera pavonina</i>	red sandalwood	II		S
<i>Agave sisalana</i>	sisal hemp	II		C, S
<i>Aleurites fordii</i> (= <i>Vernicia fordii</i>)	tung oil tree	II		N, C
<i>Alstonia macrophylla</i>	devil tree	II		S
<i>Alternanthera philoxeroides</i>	alligator weed	II	P	N, C, S
<i>Antigonon leptopus</i>	coral vine	II		N, C, S
<i>Ardisia japonica</i>	Japanese ardisia	II		N
<i>Aristolochia littoralis</i>	calico flower	II		N, C, S

¹Many names are applied to this species in Florida because of a complicated taxonomic and nomenclatural history. Plants cultivated in Florida, all representing the same invasive species, have in the past been referred to as *Ruellia brittoniana*, *R. tweediana*, *R. caerulea*, and *R. simplex*.

*Added to the FLEPPC List of Invasive Plant Species in 2015

Scientific Name	Common Name	FLEPPC Category	Gov. List	Regional Distribution
<i>Asystasia gangetica</i>	Ganges primrose	II		C, S
<i>Begonia cucullata</i>	wax begonia	II		N, C, S
<i>Blechum pyramidatum</i> (see <i>Ruellia blechum</i>)				
<i>Broussonetia papyrifera</i>	paper mulberry	II		N, C, S
<i>Bruguiera gymnorhiza</i>	large-leaved mangrove	II		S
<i>Callisia fragrans</i>	inch plant, spironema	II		C, S
<i>Casuarina cunninghamiana</i>	river sheoak, Australian-pine	II	P	C, S
<i>Cecropia palmata</i>	trumpet tree	II		S
<i>Cestrum diurnum</i>	day jessamine	II		C, S
<i>Chamaedorea seifrizii</i>	bamboo palm	II		S
<i>Clematis terniflora</i>	Japanese clematis	II		N, C
<i>Cocos nucifera</i>	coconut palm	II		S
<i>Crassocephalum crepidioides</i> *	redflower ragleaf, Okinawa spinach	II		C, S
<i>Cryptostegia madagascariensis</i>	rubber vine	II		C, S
<i>Cyperus involucratus</i> (<i>C. alternifolius</i> misapplied)	umbrella plant	II		C, S
<i>Cyperus prolifer</i>	dwarf papyrus	II		C, S
<i>Dactyloctenium aegyptium</i>	Durban crowfoot grass	II		N, C, S
<i>Dalbergia sissoo</i>	Indian rosewood, sissoo	II		C, S
<i>Elacagnus pungens</i>	silverthorn, thorny olive	II		N, C
<i>Elacagnus umbellata</i>	silverberry, autumn olive	II		N
<i>Epipremnum pinnatum</i> cv. Aureum	pothos	II		C, S
<i>Eulophia graminea</i>	Chinese crown orchid	II		S
<i>Ficus altissima</i>	false banyan, council tree	II		S
<i>Flacourtia indica</i>	governor's plum	II		S
<i>Hemarthria altissima</i>	limpo grass	II		C, S
<i>Heteropterys brachiata</i> *	red wing	II		S
<i>Hibiscus tiliaceus</i> (See <i>Talipariti tiliaceum</i>)				
<i>Hyparrhenia rufa</i>	jaragua	II		N, C, S
<i>Ipomoea carnea</i> ssp. <i>fistulosa</i> (= <i>I. fistulosa</i>)	shrub morning-glory	II	P	C, S
<i>Kalanchoe pinnata</i> (= <i>Brvophyllum pinnatum</i>)	life plant	II		C, S
<i>Koelerutera elegans</i> ssp. <i>formosana</i> (= <i>K. formosana</i> ; <i>K. paniculata</i> misapplied)	flamegold tree	II		C, S
<i>Landoltia punctata</i> (= <i>Spirodela punctata</i>)	spotted duckweed	II		N, C, S
<i>Leucaena leucocephala</i>	lead tree	II	N	N, C, S
<i>Limnophila sessiliflora</i>	Asian marshweed	II	P, U	N, C, S
<i>Livistona chinensis</i>	Chinese fan palm	II		C, S
<i>Macroptilium lathyroides</i>	phasey bean	II		N, C, S
<i>Melaleuca viminalis</i> (= <i>Callistemon viminalis</i>)	bottlebrush, weeping bottlebrush	II		C, S
<i>Melia azedarach</i>	Chinaberry	II		N, C, S
<i>Melinis minutiflora</i>	molasses grass	II		C, S
<i>Merremia tuberosa</i>	wood-rose	II		C, S
<i>Mikania micrantha</i>	mile-a-minute vine	II	N, U	S
<i>Momordica charantia</i>	balsam apple, balsam pear	II		N, C, S
<i>Murraya paniculata</i>	orange-jessamine	II		S
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	II	P	N, C, S
<i>Panicum maximum</i> (= <i>Urochloa maxima</i> , <i>Megathyrsus maximus</i>)	Guinea grass	II		N, C, S
<i>Passiflora biflora</i>	two-flowered passion vine	II		S
<i>Pennisetum setaceum</i>	green fountain grass	II		S
<i>Phoenix reclinata</i>	Senegal date palm	II		C, S
<i>Phyllostachys aurea</i>	golden bamboo	II		N, C
<i>Pittosporum pentandrum</i>	Philippine pittosporum, Taiwanese cheesewood	II		S
<i>Praxelis clematidea</i> *	praxelis	II		C
<i>Pteris vittata</i>	Chinese brake fern	II		N, C, S
<i>Ptychosperma elegans</i>	solitaire palm	II		S
<i>Rhoeo spathacea</i> (see <i>Tradescantia spathacea</i>)				

* Added to the FLEPPC List of Invasive Plant Species in 2015

in the US in 1997 in Miami-Dade County, redflower ragleaf was documented in the panhandle in Escambia County in 2012.

Patricia L. Howell

Heteropterys brachiata

(red wing)

Heteropterys brachiata or "redwing" is a liana (woody vine) in the Malpighiaceae family. It is native to Mexico, Central America and South America. Redwing seedlings dominate the understory of hardwood hammocks, and older plants twine up into the canopy where their flowers and fruits are present, but out of reach, in winter months. The fruits of redwing are deep red, wind-dispersed samaras; hence the name "redwing."

Jennifer Possley, Fairchild Tropical Botanic Garden

Praxelis clematidea

(Praxelis)

Praxelis clematidea is an Aster with lavender colored flowers from South America. Its short life cycle and propensity to be moved by vehicles contribute to its recent invasion in Central Florida. Look for young, light green plants with irregularly toothed leaves that soon flower, and then develop tough stems and bases. Flowers are a series of florets produced in heads, each producing a single, bristle-topped seed that is seated on a conical receptacle. This key character is easy to see because the phyllaries fall to reveal the receptacle when the head is in fruit.

Colette Jacono

Spermacoce verticillata

(scrubby false buttonweed)

A common weed of disturbed sites for over 80 years, *Spermacoce verticillata* is advancing into natural areas, especially in southern Florida. A member of the coffee family, Rubiaceae, plants are best known for their nearly woody, multiple branched structure, opposite, stalkless leaves often clustered in a whorl; and axillary, cylindrical heads of densely packed flowers. Distinguish this species from our natives by its tubular white flowers that are no longer than 1mm and fruits that are less than 1.5mm long.

Colette Jacono

Use of the FLEPPC List

The FLEPPC List of Invasive Plant Species is not a regulatory list. Only those plants listed as Federal Noxious Weeds, Florida Noxious Weeds, Florida Prohibited Aquatic Plants, or in local ordinances are regulated by law. FLEPPC encourages use of the Invasive Species List for prioritizing and implementing management efforts in natural areas, for educating lay audiences about environmental issues, and for supporting voluntary invasive plant removal programs. For more information on using the FLEPPC List of Invasive Plant Species, see *Proper Uses of FLEPPC Invasive Plant Lists* at www.fleppc.org/list/list.htm

NOTE: Not all exotic plants brought into Florida become pest plants in natural areas. The FLEPPC List of Invasive Plant Species represents only about 11% of more than 1,400 exotic species that have been introduced into Florida and have subsequently established outside of cultivation. Most escaped exotics usually present only minor problems in highly disturbed areas (such as road-sides). And there are other exotics cultivated in Florida that are “well-behaved” — that is, they don’t escape cultivation at all.



www.fleppc.org

Scientific Name	Common Name	FLEPPC Category	Gov. List	Regional Distribution
<i>Richardia grandiflora</i>	large flower Mexican clover	II		N, C, S
<i>Ricinus communis</i>	castor bean	II		N, C, S
<i>Rotala rotundifolia</i>	roundleaf toothcup, dwarf Rotala, redweed	II		S
<i>Ruellia blechum</i> (= <i>Blechum brownei</i>)	green shrimp plant, Browne's blechum	II		N, C, S
<i>Sansevieria hyacinthoides</i>	bowstring hemp	II		C, S
<i>Sesbania punicea</i>	purple sesban, rattlebox	II		N, C, S
<i>Solanum diphyllum</i>	two-leaf nightshade	II		N, C, S
<i>Solanum torvum</i>	susumber, turkey berry	II	N, U	N, C, S
<i>Spermacoce verticillata</i> *	shrubby false buttonweed	II		C, S
<i>Sphagneticola trilobata</i> (= <i>Wedelia trilobata</i>)	wedelia	II		N, C, S
<i>Stachytarpheta cayennensis</i> (= <i>S. urticifolia</i>)	nettle-leaf porterweed	II		S
<i>Syagrus romanzoffiana</i> (= <i>Arecastrum romanzoffianum</i>)	queen palm	II		C, S
<i>Syzygium jambos</i>	Malabar plum, rose-apple	II		N, C, S
<i>Talipariti tiliaceum</i> (= <i>Hibiscus tiliaceus</i>)	mahoe, sea hibiscus	II		C, S
<i>Terminalia catappa</i>	tropical-almond	II		C, S
<i>Terminalia muelleri</i>	Australian-almond	II		C, S
<i>Tradescantia spathacea</i> (= <i>Rhoco spathacea</i> , <i>Rhoco discolor</i>)	oyster plant	II		S
<i>Tribulus cistoides</i>	puncture vine, burr-nut	II		N, C, S
<i>Vitex trifolia</i>	simple-leaf chaste tree	II		C, S
<i>Washingtonia robusta</i>	Washington fan palm	II		C, S
<i>Wedelia</i> (see <i>Sphagneticola</i> above)				
<i>Wisteria sinensis</i>	Chinese wisteria	II		N, C
<i>Xanthosoma sagittifolium</i>	malanga, elephant ear	II		N, C, S

Citation example:

FLEPPC. 2015. List of Invasive Plant Species. Florida Exotic Pest Plant Council. <http://www.fleppc.org/list/list.htm>

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The Early Detection and Distribution Mapping System (EDDMapS) holds records of reported sighting of invasive species in Florida. Most records are from local, state, and federal parks and preserves; a few records document infestations in regularly disturbed public lands such as highways or utility rights-of-way. Natural area managers, veteran observers of Florida's natural landscapes, and others submit these records, with many supported further by voucher specimens housed in local or regional herbaria for future reference and verification. New and updated observations can be submitted online at EDDMapS [www.eddmaps.org/florida/]. All reports are verified by an expert. This database, along with other plant data resources such as the University of South Florida's Atlas of Florida Vascular Plants [www.plantatlas.usf.edu/], the Florida Natural Areas Inventory database [www.fnai.org/], and The Institute for Regional Conservation Floristic Inventory of South Florida database [www.regionalconservation.org/], provides important basic supporting information for the FLEPPC List of Invasive Plant Species. Greater success and accuracy in searching for plant information is likely if you search by scientific name rather than common name. Common names often vary in cultivation and across regions.

*Added to the FLEPPC List of Invasive Plant Species in 2015

Appendix C

Exhibit 1

A Historical Resource Assessment of Alamo Cave, Jackson County, Florida
By Michael Wisenbaker
Florida Division of Historical Resources
May 2002

In April of 2002, I received a call from Mark Ludlow, Park Biologist at Florida Caverns State Park located in Marianna, Florida, asking if I could come to Jackson County to examine a rock shelter that falls within a 226 acre parcel of Board of Trustees land, which is slated for management by the City of Marianna. So, we set the date of May 7, 2002, for me to meet him at Florida Caverns State Park and then proceeded to what is commonly referred to as the "Hinson Tract" to examine Alamo Cave, which is primarily a sizable rock shelter.

We took some photographs of both (north and south) entrances and the interior of the rock shelter, measured the dimensions of the cave and some concave feature along its floor and wall, and carefully examined the floor for human artifacts. The rock shelter falls near the edge of a fallow field now covered in ruderal vegetation. The rock shelter itself occurs within a relatively narrow band of upland hardwood forest. The Chipola River lies about 30 meters or so north of the cave. The rock shelter rests on the edge of about a 15-meter bluff. To the northwest of Alamo Cave, lies a prominent karst features known as The Ovens, which is a steep, limestone cliff with a short cave running through it and some boxcar sized stones that have broken off into the river.

The south entrance of the grotto measures 4.4 meters wide and 1.5 meters high at its center, while the north end measures 1.5 meters high at its center and 7.2 meters wide. The cave is 14.5 meters long from entrance to entrance. The central portion of the interior rock shelter measures 9.8 meters wide and 3.2 meters high. The floor is covered with detritus, damp soil, and loose limestone ranging from pebble to boulders in size. The ceiling of the shelter has a few short drip formations commonly referred to as soda straws and manifest several fractures or cracks. The southwest corner of the rock shelter contains a crawlway that appears to terminate about 30 meters or so from inside the main room. At extreme high water when the Chipola River overflows, it backs-up and flows from north to south through Alamo Cave. The temperature inside the cave was considerably cooler than the ambient air outside on the hot May Day that we were there.

In any event, although we searched the cave floor thoroughly, we found no evidence of any aboriginal remains that you might expect, such as pottery, stone tools or waste flakes. On the other hand, we did find broken glass, bottle fragments and a tiny bottle, rusted tin cans, a piece of flexible pipe (not copper), a container that held pre-made pies and railroad spikes. We also noted some of the latter, as well as large nails, driven into the east wall of the cave at about head height. In terms of features, some cross-hatchings occurred near on the southeast portion of the wall. Similarly, a chert face (270x80 cms) a couple of meters away from the cross-hatchings looked as though humans had been extracting that mineral for some particular purpose. It should be noted that both the cross-hatched pictograph-like feature and the chert had been removed with some sort of metal implement rather than a stone tool that prehistoric peoples would have used. Finally, a limestone boulder lying on the cave floor contained a concavity 18x23x10 cms that had been carved out by humans.

In terms of interpretation, not enough solid evidence exists for any aboriginal use of this rock shelter. However, it should be noted that we did not place any test pits there. It is the policy of the Division of Historical Resources not to do any digging unless a property is under imminent threat of development or to meet some specific and well-designed research needs. Still, presuming the shelter was open during aboriginal times, it was more than likely used by Native Americans. Use of caves and rock shelters in the Marianna area was relatively common during the Fort Walton period (1000-1600 AD), and by the Chatot, Creek and Seminoles who followed them. In fact, some of these caves were mentioned in early Spanish documents. During the Civil War, area residents allegedly took refuge in some of the caves to avoid being captured by Union troops. Also, such places were commonly used as moonshine stills during Prohibition times. It is possible that either visitors have removed artifacts from the cave or implements have been buried underneath its floor by sediments deposited when the river floods.

Regarding the historic use of the cave, I asked Henry Baker, an archaeologist who specializes in historic period sites, to examine the artifacts. He indicated that the bottles and the glass all appeared to post date 1905. Obviously, some of the artifacts such as the pie plate and metal pipe date much later than that. Be that as it may, we concluded that beyond casual visits by people plying the nearby Chipola River, that perhaps most of the artifacts resulted from an old hobo camp. We came to this conclusion based on Alamo Cave being near an existing railroad line—one less than 300 meters to the northeast and another abandoned grade less than 500 meters to the northwest. Perhaps hobos used the railroad spikes and nails to hang things from the cave wall. As for the chert extraction on the east wall of the shelter, Creeks, Seminoles or early settlers may have been extracting this mineral, which resembles Old World flints, to make gun flints. Last, the small concavity in the limestone boulder could have been used as some sort of anvil for cracking and holding nuts, since most of the hardwoods surrounding the rock shelter are hickories.

In any event, I decided to add the rock shelter to existing site 8JA467 (Hinson Tree House site), which was recorded by some of Dr. Nancy White's students from the University of South Florida during their Chipola River survey of 1986. 8JA467 is located immediately south of the rock shelter and more than likely would have been used by the same Indians that left the chert flakes and sand-tempered and grit-tempered pottery that the students found on that site. Although the cultural components from the field and rock shelter don't match, it is plausible that Alamo Cave has been used by various peoples for hundreds, if not thousands, of years.

As for our recommendations, not enough solid evidence exists from a historical resource perspective to warrant gating or fencing Alamo Cave. On the other hand, if the city wishes to do ANY ground disturbing activities on the Hinson Tract (now called the South Marianna Trail and Canoe Launch), they should contact Ms. Susan Harp in the Division's Compliance Review Section at 850/245-6333. Mr. Ludlow and I noticed that while most of the new road to the canoe launch was being filled with gravel and limerock, some recent cuts had been made beneath the ground's surface. Based on my observations of the tract, which has 1.5 miles of frontage on the Chipola River, it has a high probability of containing significant historical resources. Although Dr. White and her students surveyed this property in 1986, they did not do any subsurface testing, thus most sites there probably lie hidden beneath the surface.

Please give me a call at 850/245-6318 should you have any questions regard this report.

Exhibit 2



FLORIDA DEPARTMENT of STATE

RON DESANTIS
Governor

LAUREL M. LEE
Secretary of State

Ms. Paula Livergood
Municipal Development Planning
City of Marianna, P.O. Box 936
Marianna, Florida 32447

June 5, 2019

RE: DHR Project File No.: 2019-2652 /Applicant: City of Marianna
Project: Request for Land Management Information
Chipola River Greenway Land Management Plan Update
Marianna, Jackson County

Dear Ms. Livergood:

In accordance with this agency's responsibilities under Sections 253.034(5) and 259.032(2)(h), *Florida Statutes*, we have reviewed the information in the Florida Master Site File to determine whether any historic properties are recorded in the referenced management areas, and also to determine the potential for unrecorded resources to be present.

We have forwarded a listing of the recorded archaeological sites and structures in the three areas of the Chipola River Greenway (Butler, Gateway, and Hinson). Please note that most of these areas have not been sufficiently surveyed for cultural resources and there are likely other, unrecorded archaeological sites and/or historic structures there. In addition, most of the recorded sites there have not been evaluated to determine if they are eligible for the *National Register of Historic Places*. These greenway areas appear to have at least moderate to high site potential. Thus, any proposed project or undertaking which will include land clearing or ground disturbances should be submitted to this agency for review and comment prior to the commencement of project activities.

For questions please contact Robin Jackson, Historic Preservationist, Compliance and Review by electronic mail at robin.jackson@dos.myflorida.com, or at 850.245.6496, or 800.847.7278.

Sincerely,

For
Timothy A. Parsons, Ph.D.
Director, Division of Historical Resources and
State Historic Preservation Officer



FLORIDA MASTER SITE FILE

ARCHAEOLOGICAL SITE FORM

STATE OF FLORIDA
DEPARTMENT OF STATE
Division of Archives, History
and Records Management
AH6E00408-84

☒ Original
☐ Update

SITE NUMBER 8Ja467 COUNTY Jackson

SITE NAME: Hinson Tree House
USGS QUAD: Marianna, FL, 1982

NOTE: Please attach an 8 1/2" x 11" copy of the appropriate portion of the above map, with site location indicated.

TOWNSHIP/RANGE/SECTION:

Township	Range	Section
4N	10W	10

			X

NOTE: The figure to the left represents a regular section (1 square mile); please indicate the location of your site by placing an X in the appropriate portion of the section.

If the section is irregular or part of a land grant, please check below and disregard above instructions.

☐ Irregular section
☐ Land grant _____ (name)

UTM COORDINATES: Zone 16 Easting 670750 Northing 3403820

NOTE: If you are unfamiliar with calculating UTM measurements, leave blank.

FRESH WATER SOURCE Chipola River DISTANCE TO WATER adjacent

LOCAL VEGETATION corn field, hardwood, pine

TOPOGRAPHICAL SETTING rise W. of river

PRESENT LAND USE garden

LOCAL INFORMANT (inc. private collections) Mrs. Hinson

ADDRESS _____

LOCAL INFORMANT (inc. private collections) _____

ADDRESS _____

SURVEY DATE 6/12/86 OTHER MASTER SITE FILE NUMBERS _____

RECORDER(S) (list principal investigator first) Nancy Marie White, P. Bolden, M. Hubbard, C.J. Rossiter, K. Richert

ADDRESS Dept. of Anthropology, University of South Florida, Tampa, FL 33620

PROJECT NAME Chipola Valley Survey #1372

TYPE OF SITE (check one or more as appropriate):

- | | | |
|--|---|--|
| ☐ indeterminate | ☐ mound(s) | ☐ historic refuse |
| ☐ unknown | ☐ burial mound(s) | ☐ historic earthworks |
| ☐ single artifact | ☐ platform/temple mound(s) | ☐ shell ring |
| ☒ artifact scatter | ☐ canal | ☐ redeposited |
| ☒ lithic scatter | ☐ canoe | ☐ house/homestead |
| ☐ midden(s) | ☐ prehistoric earthworks | ☐ military |
| ☐ shell midden(s) | ☐ prehistoric cemetery | ☐ historic cemetery |
| ☐ shell works | ☐ mission | ☐ _____ |

NATIONAL REGISTER: _____ Listed _____ Date _____ Determined Eligible _____ Date
_____ Determined Not Eligible _____ Date _____ Unaccessed

THREATS TO SITE:

- ☐ zoning
- ☐ development
- ☐ deterioration
- ☐ borrowing

- ☐ transportation
- ☐ fill
- ☐ dredge
- ☐ logging

- ☐ vandalism
- ☐ phosphate mining
- ☒ agriculture/plowing
- ☐ recreation

REMARKS:

- ☐ preservation recommended
- ☐ severely disturbed/destroyed

☒ recommended for further testing

REPOSITORY University of South Florida

BIBLIOGRAPHIC DATA Archaeological Survey of the Chipola Valley (report in progress by A. Trauner and Nancy Marie White)

NOTE: Cite any reports referring *specifically* to this site. General background material need not be cited. Use Florida Anthropologist format.

CULTURAL CLASSIFICATION Indeterminate ceramic

CULTURAL PERIOD Indeterminate ceramic

ARTIFACTS (Check as many as apply):

- ☒ aboriginal ceramics
- ☐ nonaboriginal ceramics
- ☒ lithics
- ☐ worked bone
- ☐ human bone/burial(s)
- ☐ animal bone/unidentified bone
- ☐ shell food remains

- ☐ worked shell
- ☐ plant remains
- ☐ wood
- ☐ metal
- ☐ precious metal/coin(s)
- ☐ glass

- ☐ brick/bldg materials
- ☐ other human remains (e.g., hair)
- ☐ leather
- ☐ pollen
- ☐ misc. historic (please list)
- ☐ misc. prehistoric (please list)

DIAGNOSTIC ARTIFACTS sand-temp, grit-temp sherds, lithic tools, flakes

SITE SIZE (approx acreage) 8

SITE SIZE (est in sq meters) 36000

DEPTH OF CULTURAL DEPOSIT
(if known) unknown

ELEVATION

Meters	Feet
Max <u>30</u>	Max <u>100</u>
Min <u>24</u>	Min <u>80</u>

SITE DISTURBANCES

- ☐ bioturbation
- ☐ erosion
- ☐ mining/borrow pit
- ☒ agricultural
- ☒ residential/commercial
- ☐ dredging/ditching
- ☐ site looting
- ☐ forest preparation or harvesting
- ☐ fill

- ☐ previous archaeological excavations
- ☐
- ☐
- ☐

DEGREE OF SITE DESTRUCTION

- ☐ relatively undisturbed
- ☐ moderate
- ☒ minor
- ☐ major

COLLECTION STRATEGY

- ☒ general
- ☐ selective
- ☐ controlled
- ☐

TYPE OF INVESTIGATION

- ☒ surface collection
- ☐ shovel test
- ☐ extensive excavation
- ☐ test excavation
- ☐ auger test
- ☐ coring
- ☐ remote sensing
- ☐ none

- ☐ unknown
- ☐
- ☐
- ☐

OPTIONAL NARRATIVE DESCRIPTION (If there is no published report, provide a short description of the site on a separate sheet.)

OPTIONAL PHOTOGRAPHS OR SKETCHES OF DIAGNOSTIC OR UNIQUE ARTIFACTS (Please attach separate sheet(s).)

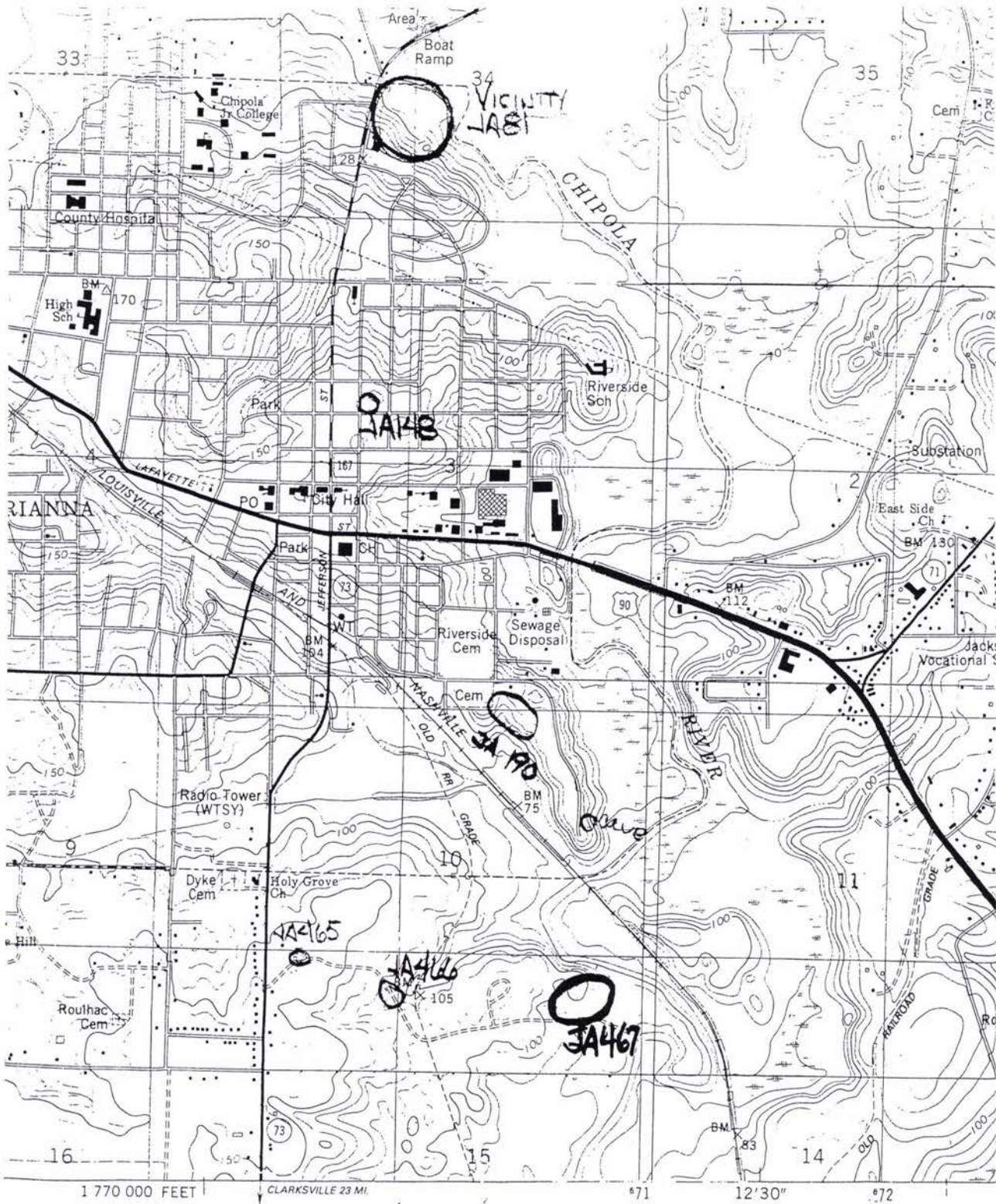
FORM PREPARED BY Audrey M. Trauner and Sarah Schenkman

ADDRESS Dept. of Anthropology, USF, Tampa, FL 33620

DATE 2/28/87

AFFILIATION (FAS chapter, government agency, etc.):

JA 467

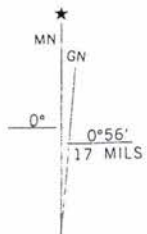


Published by the Geological Survey
with State of Florida agencies

Compiled from aerial photographs
planetable surveys 1951-52
photos taken January 1976
dated 1982

0-foot grid ticks based
north zone
false Mercator grid, zone 16

with American Datum 1983
meters south and
shed corner ticks
which only landmark buildings are shown
selected fence and field lines where
topographs. This information is unchecked
photos within the boundaries of
shown on this map



UTM GRID AND 1982 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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**MANAGEMENT PROCEDURES FOR
ARCHAEOLOGICAL AND HISTORICAL SITES AND PROPERTIES
ON STATE - OWNED OR CONTROLLED LANDS**
(revised August, 1995)

A. GENERAL DISCUSSION

Archaeological and historic sites are defined collectively in 267.021(3), F.S., as "historic properties" or "historic resources". They have several essential characteristics which must be recognized in a management program.

First of all, they are a finite and non-renewable resource. Once destroyed, presently existing resources, including buildings, other structures, shipwreck remains, archaeological sites and other objects of antiquity, cannot be renewed or revived. Today, sites in the State of Florida are being destroyed by all kinds of land development, inappropriate land management practices, erosion, looting, and to a minor extent even by well-intentioned professional scientific research (e.g., archaeological excavation). Measures must be taken to ensure that some of these resources will be preserved for future study and appreciation.

Secondly, sites are unique because individually they represent the tangible remains of events which occurred at a specific time and place.

Thirdly, while sites uniquely reflect localized events, these events and the origin of particular sites are related to conditions and events in other times and places. Sites can be understood properly only in relation to their natural surroundings and the activities of inhabitants of other sites. Managers must be aware of this "systemic" character of historic and archaeological sites. Also, it should be recognized that archaeological sites are time capsules for more than cultural history; they preserve traces of past biotic communities, climate, and other elements of the environment that may be of interest to other scientific disciplines.

Finally, the significance of sites, particularly archaeological ones, derives not only from the individual artifacts within them, but equally from the spatial arrangement of those artifacts in both horizontal and vertical planes. When archaeologists excavate, they recover, not merely objects, but also a record of the positions of these objects in relation to one another and their containing matrix (e.g., soil strata). Much information is sacrificed if the so-called "context" of archaeological objects is destroyed or not recovered, and this is what archaeologists are most concerned about when a site is threatened with destruction or damage. The artifacts themselves can be recovered even after a site is heavily disturbed, but the context - the vertical and horizontal relationships - cannot. Historic structures also contain a wealth of cultural (socio-economic) data which can be lost if historically sensitive maintenance, restoration or rehabilitation procedures are not implemented, or if they are demolished or extensively altered without appropriate documentation. Lastly, it should not be forgotten that historic structures often have associated potentially significant historic archaeological features which must be considered in land management decisions.

the responsibilities of state historic preservation programs as provided in subsection 101(b) of that act.

7. Take such other actions necessary or appropriate to locate, acquire, protect, preserve, operate, interpret, and promote the location, acquisition, protection, preservation, operation, and interpretation of historic resources to foster an appreciation of Florida history and culture. Prior to the acquisition, preservation, interpretation, or operation of a historic property by a state agency, the Division shall be provided a reasonable opportunity to review and comment on the proposed undertaking and shall determine that there exists historic authenticity and a feasible means of providing for the preservation, interpretation and operation of such property.
8. Establish professional standards for the preservation, exclusive of acquisition, of historic resources in state ownership or control.
9. Establish guidelines for state agency responsibilities under subsection (2).

Responsibilities of other state agencies of the executive branch, pursuant to 267.061(2), F.S., include:

1. Each state agency of the executive branch having direct or indirect jurisdiction over a proposed state or state-assisted undertaking shall, in accordance with state policy and prior to the approval of expenditure of any state funds on the undertaking, consider the effect of the undertaking on any historic property that is included in, or eligible for inclusion in, the *National Register of Historic Places*. Each such agency shall afford the division a reasonable opportunity to comment with regard to such an undertaking.
2. Each state agency of the executive branch shall initiate measures in consultation with the division to assure that where, as a result of state action or assistance carried out by such agency, a historic property is to be demolished or substantially altered in a way which adversely affects the character, form, integrity, or other qualities which contribute to [the] historical, architectural, or archaeological value of the property, timely steps are taken to determine that no feasible and prudent alternative to the proposed demolition or alteration exists, and, where no such alternative is determined to exist, to assure that timely steps are taken either to avoid or mitigate the adverse effects, or to undertake an appropriate archaeological salvage excavation or other recovery action to document the property as it existed prior to demolition or alteration.
3. In consultation with the division [of Historical Resources], each state agency of the executive branch shall establish a program to locate, inventory, and evaluate all historic properties under the agency's ownership or control that appear to qualify for the National Register. Each such agency shall exercise caution to assure that any such historic property is not inadvertently transferred, sold, demolished, substantially altered, or allowed to deteriorate significantly.

C. MANAGEMENT POLICY

The choice of a management policy for archaeological and historic sites within state-owned or controlled lands obviously depends upon a detailed evaluation of the characteristics and conditions of the individual sites and groups of sites within those tracts. This includes an interpretation of the significance (or potential significance) of these sites, in terms of social and political factors, as well as environmental factors. Furthermore, for historic structures architectural significance must be considered, as well as any associated historic landscapes.

Sites on privately owned lands are especially vulnerable to destruction, since often times the economic incentives for preservation are low compared to other uses of the land areas involved. Hence, sites in public ownership have a magnified importance, since they are the ones with the best chance of survival over the long run. This is particularly true of sites which are state-owned or controlled, where the basis of management is to provide for land uses that are minimally destructive of resource values.

It should be noted that while many archaeological and historical sites are already recorded within state-owned or controlled-lands, the majority of the uplands areas and nearly all of the inundated areas have not been surveyed to locate and assess the significance of such resources. The known sites are, thus, only an incomplete sample of the actual resources - i.e., the number, density, distribution, age, character and condition of archaeological and historic sites - on these tracts. Unfortunately, the lack of specific knowledge of the actual resources prevents formulation of any sort of detailed management or use plan involving decisions about the relative historic value of individual sites. For this reason, a generalized policy of conservation is recommended until the resources have been better addressed.

The generalized management policy recommended by the Division of Historical Resources includes the following:

1. State land managers shall coordinate all planned activities involving known archaeological or historic sites or potential site areas closely with the Division of Historical Resources in order to prevent any kind of disturbance to significant archaeological or historic sites that may exist on the tract. Under 267.061(1)(b), F.S., the Division of Historical Resources is vested with title to archaeological and historic resources abandoned on state lands and is responsible for administration and protection of such resources. The Division will cooperate with the land manager in the management of these resources. Furthermore, provisions of 267.061(2) and 267.13, F.S., combined with those in 267.061(3) and 253.034(4), F.S., require that other managing (or permitting) agencies coordinate their plans with the Division of Historical Resources at a sufficiently early stage to preclude inadvertent damage or destruction to known or potentially occurring, presently unknown archaeological and historic sites. The provisions pertaining to human burial sites must also be followed by state land managers

6. The cooperation of land managers in reporting sites to the Division that their field personnel may discover is encouraged. The Division will help inform field personnel from other resource managing agencies about the characteristics and appearance of sites. The Division has initiated a cultural resource management training program to help accomplish this. Upon request the Division will also provide to other agencies archaeological and historical summaries of the known and potentially occurring resources so that information may be incorporated into management plans and public awareness programs (See Management Implementation).
7. Any discovery of instances of looting or unauthorized destruction of sites must be reported to the agent for the Board of Trustees of the Internal Improvement Trust Fund and the Division so that appropriate action may be initiated. When human burial sites are involved, the provisions of 872.02 and 872.05, F. S. and Rule 1A-44, F.A.C., as applicable, must also be followed. Any state agent with law enforcement authority observing individuals or groups clearly and incontrovertibly vandalizing, looting or destroying archaeological or historic sites within state-owned or controlled lands without demonstrable permission from the Division will make arrests and detain those individuals or groups under the provisions of 267.13, 901.15, and 901.21, F.S., and related statutory authority pertaining to such illegal activities on state-owned or controlled lands. County Sheriffs' officers are urged to assist in efforts to stop and/or prevent site looting and destruction.

In addition to the above management policy for archaeological and historic sites on state-owned land, special attention shall be given to those properties listed in the *National Register of Historic Places* and other significant buildings. The Division recommends that the *Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings* (Revised 1990) be followed for such sites.

The following general standards apply to all treatments undertaken on historically significant properties.

1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
2. The historic character of a property shall be retained and preserved. The removal of historic materials or alterations of features and spaces that characterize a property shall be avoided.
3. Each property shall be recognized as a physical record of its time, place and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.

may be found outside of these areas. Therefore, actual ground inspections of project areas may still be necessary.

4. The Division will send archaeological field recording forms and historic structure field recording forms to representatives of the agency to facilitate the recording of information on such resources.
5. Land managers will update information on recorded sites and properties.
6. Land managers will supply the Division with new information as it becomes available on previously unrecorded sites that their staff locate. The following details the kind of information the Division wishes to obtain for any new sites or structures which the land managers may report:

A. Historic Sites

- (1) Type of structure (dwelling, church, factory, etc.).
- (2) Known or estimated age or construction date for each structure and addition.
- (3) Location of building (identify location on a map of the property, and building placement, i.e., detached, row, etc.).
- (4) General Characteristics: (include photographs if possible) overall shape of plan (rectangle, "L" "T" "H" "U", etc.); number of stories; number of vertical divisions of bays; construction materials (brick, frame, stone, etc.); wall finish (kind of bond, coursing, shingle, etc.); roof shape.
- (5) Specific features including location, number and appearance of:
 - (a) Important decorative elements;
 - (b) Interior features contributing to the character of the building;
 - (c) Number, type, and location of outbuildings, as well as date(s) of construction;
 - (d) Notation if property has been moved;
 - (e) Notation of known alterations to building.

B. Archaeological Sites

- (1) Site location (written narrative and mapped location).
- (2) Cultural affiliation and period.
- (3) Site type (midden, burial mound, artifact scatter, building rubble, etc.)
- (4) Threats to site (deterioration, vandalism, etc.).
- (5) Site size (acreage, square meters, etc.).

A Historical Resource Assessment of Alamo Cave, Jackson County, Florida

By Michael Wisenbaker

Florida Division of Historical Resources

May 2002

In April of 2002, I received a call from Mark Ludlow, Park Biologist at Florida Caverns State Park located in Marianna, Florida, asking if I could come to Jackson County to examine a rock shelter that falls within a 226 acre parcel of Board of Trustees land, which is slated for management by the City of Marianna. So, we set the date of May 7, 2002, for me to meet him at Florida Caverns State Park and then proceeded to what is commonly referred to as the "Hinson Tract" to examine Alamo Cave, which is primarily a sizable rock shelter.

We took some photographs of both (north and south) entrances and the interior of the rock shelter, measured the dimensions of the cave and some concave feature along its floor and wall, and carefully examined the floor for human artifacts. The rock shelter falls near the edge of a fallow field now covered in ruderal vegetation. The rock shelter itself occurs within a relatively narrow band of upland hardwood forest. The Chipola River lies about 30 meters or so north of the cave. The rock shelter rests on the edge of about a 15-meter bluff. To the northwest of Alamo Cave, lies a prominent karst features known as The Ovens, which is a steep, limestone cliff with a short cave running through it and some boxcar sized stones that have broken off into the river.

The south entrance of the grotto measures 4.4 meters wide and 1.5 meters high at its center, while the north end measures 1.5 meters high at its center and 7.2 meters wide. The cave is 14.5 meters long from entrance to entrance. The central portion of the interior rock shelter measures 9.8 meters wide and 3.2 meters high. The floor is covered with detritus, damp soil, and loose limestone ranging from pebble to boulders in size. The ceiling of the shelter has a few short drip formations commonly referred to as soda straws and manifest several fractures or cracks. The southwest corner of the rock shelter contains a crawlway that appears to terminate about 30 meters or so from inside the main room. At extreme high water when the Chipola River overflows, it backs-up and flows from north to south through Alamo Cave. The temperature inside the cave was considerably cooler than the ambient air outside on the hot May Day that we were there.

In any event, although we searched the cave floor thoroughly, we found no evidence of any aboriginal remains that you might expect, such as pottery, stone tools or waste flakes. On the other hand, we did find broken glass, bottle fragments and a tiny bottle, rusted tin cans, a piece of flexible pipe (not copper), a container that held pre-made pies and railroad spikes. We also noted some of the latter, as well as large nails, driven into the east wall of the cave at about head height. In terms of features, some cross-hatchlings occurred near on the southeast portion of the wall. Similarly, a chert face (270x80 cms) a couple of meters away from the cross-hatchings looked as though humans had been extracting that mineral for some particular purpose. It should be noted that both the cross-hatched pictograph-like feature and the chert had been removed with some sort of metal implement rather than a stone tool that prehistoric peoples would have used. Finally, a limestone boulder lying on the cave floor contained a concavity 18x23x10 cms that had been carved out by humans.

In terms of interpretation, not enough solid evidence exists for any aboriginal use of this rock shelter. However, it should be noted that we did not place any test pits there. It is the policy of the Division of Historical Resources not to do any digging unless a property is under imminent threat of development or to meet some specific and well-designed research needs. Still, presuming the shelter was open during aboriginal times, it was more than likely used by Native Americans. Use of caves and rock shelters in the Marianna area was relatively common during the Fort Walton period (1000-1600 AD), and by the Chatot, Creek and Seminoles who followed them. In fact, some of these caves were mentioned in early Spanish documents. During the Civil War, area residents allegedly took refuge in some of the caves to avoid being captured by Union troops. Also, such places were commonly used as moonshine stills during Prohibition times. It is possible that either visitors have removed artifacts from the cave or implements have been buried underneath its floor by sediments deposited when the river floods.

Regarding the historic use of the cave, I asked Henry Baker, an archaeologist who specializes in historic period sites, to examine the artifacts. He indicated that the bottles and the glass all appeared to post date 1905. Obviously, some of the artifacts such as the pie plate and metal pipe date much later than that. Be that as it may, we concluded that beyond casual visits by people plying the nearby Chipola River, that perhaps most of the artifacts resulted from an old hobo camp. We came to this conclusion based on Alamo Cave being near an existing railroad line—one less than 300 meters to the northeast and another abandoned grade less than 500 meters to the northwest. Perhaps hobos used the railroad spikes and nails to hang things from the cave wall. As for the chert extraction on the east wall of the shelter, Creeks, Seminoles or early settlers may have been extracting this mineral, which resembles Old World flints, to make gun flints. Last, the small concavity in the limestone boulder could have been used as some sort of anvil for cracking and holding nuts, since most of the hardwoods surrounding the rock shelter are hickories.

In any event, I decided to add the rock shelter to existing site 8JA467 (Hinson Tree House site), which was recorded by some of Dr. Nancy White's students from the University of South Florida during their Chipola River survey of 1986. 8JA467 is located immediately south of the rock shelter and more than likely would have been used by the same Indians that left the chert flakes and sand-tempered and grit-tempered pottery that the students found on that site. Although the cultural components from the field and rock shelter don't match, it is plausible that Alamo Cave has been used by various peoples for hundreds, if not thousands, of years.

As for our recommendations, not enough solid evidence exists from a historical resource perspective to warrant gating or fencing Alamo Cave. On the other hand, if the city wishes to do ANY ground disturbing activities on the Hinson Tract (now called the South Marianna Trail and Canoe Launch), they should contact Ms. Susan Harp in the Division's Compliance Review Section at 850/245-6333. Mr. Ludlow and I noticed that while most of the new road to the canoe launch was being filled with gravel and limerock, some recent cuts had been made beneath the ground's surface. Based on my observations of the tract, which has 1.5 miles of frontage on the Chipola River, it has a high probability of containing significant historical resources. Although Dr. White and her students surveyed this property in 1986, they did not do any subsurface testing, thus most sites there probably lie hidden beneath the surface.

Please give me a call at 850/245-6318 should you have any questions regard this report.

Exhibit 3

**Phase I Cultural Resources Assessment Surveys
of the Hinson Conservation and Recreation Park and Jackson County
Greenway in Jackson County, Florida**

Gregg E. Harding, MA, RPA
and
Ramie A. Gougeon, Ph.D., RPA

Submitted to:
City of Marianna, Florida

Report of Investigations Number 214
Archaeology Institute
Division of Anthropology and Archaeology
The University of West Florida
Pensacola, Florida

January 2021

ABSTRACT

Phase I cultural resources assessment surveys (CRAS) were conducted on two parcels of land slated to be incorporated into the Chipola River/Jackson County Greenway. The archaeological investigations were conducted by personnel from the Department of Anthropology and the Archaeology Institute at the University of West Florida (UWF) and students participating in an archaeological field school between May and July 2014. This survey is not mandated under Chapter 267, *Florida Statutes* but was conducted in anticipation of potential reviews required for grant applications or other State aid. The reviewing agency is the Florida Bureau of Historic Preservation of the Florida Department of State, Division of Historical Resources, which is the State Historic Preservation Office for the state of Florida. The archaeological work was performed in accordance with the regulations set forth in Administrative Code 1A-46 and was permitted under 1A-32 permit number 1314.056. This CRAS, undertaken for both the City of Marianna and Jackson County, was designed to locate, identify, record, and evaluate all cultural resources located within the project areas. Management recommendations for archaeological resources encountered during the project conclude this report of investigations.

The area under investigation at the Hinson Conservation and Recreation Area contains a previously identified site (8JA467). The Hinson Treehouse site was first recorded in 1987 by archaeologists from the University of South Florida as part of the Chipola River Valley Survey. Investigations at JA467 were limited to a surface survey. The site was documented as a small artifact scatter where culturally indeterminate ceramics and lithics were found. In 1998, site JA467 was revisited by USF archaeologists. During this time, a small rockshelter (Alamo Cave) was recorded directly north of site JA467. The current CRAS of the Hinson Conservation and Recreation Area further defined the boundaries of site JA467 and recorded previously unnoted Archaic and Woodland temporal components. A single isolated find was also noted to the northwest of site JA467. Ultimately, our survey determined the site to be insignificant in terms of NRHP criteria; isolated finds are not typically considered eligible for listing on the NRHP. No further work is recommended in this area.

One previously unrecorded site was encountered during the assessment of the Jackson County Greenway parcel east of the Butler tract. The Hollow Ridge site (JA1929), named for a cave owned by the Southeastern Cave Conservancy located directly east of the site, is a light prehistoric lithic scatter likely indicative of a Woodland period occupation. As a result of these survey level investigations, site 8JA1929 is determined to be insignificant in terms of NRHP criteria and no further work in the area is recommended.

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INTRODUCTION AND ENVIRONMENT

As part of the University of West Florida's Department of Anthropology Combined Maritime/Terrestrial Field School, Phase I cultural resources assessment surveys (CRAS) were conducted on two parcels of land slated to be incorporated into the Chipola River/Jackson County Greenway. The archaeological investigations were conducted by personnel from the Department of Anthropology and the Archaeology Institute at the University of West Florida (UWF) and students participating in an archaeological field school between May and July 2014. This survey is not mandated under Chapter 267, *Florida Statutes* but was conducted in anticipation of potential reviews required for grant applications or other State aid. The reviewing agency is the Florida Bureau of Historic Preservation of the Florida Department of State, Division of Historical Resources, which is the State Historic Preservation Office for the state of Florida. The archaeological work was performed in accordance with the regulations set forth in Administrative Code 1A-46 and was permitted under 1A-32 permit number 1314.056. This CRAS, undertaken as both the City of Marianna and Jackson County, was designed to locate, identify, record, and evaluate all cultural resources located within the project areas. Management recommendations for archaeological resources encountered during the project conclude this report of investigations.

Project Area Descriptions:

The Chipola River/Jackson County Greenway project was submitted to the Office of Greenway and Trails for Land Acquisition in 1997. Between 1998 and 2001, the Division of State Lands successfully negotiated offers for several parcels including what would be the Hinson Conservation and Recreation Area. Additional negotiations in 2004-2006 took place for other parcels, including the Butler tract located directly east of Marianna. Land on the west side of the Chipola River were subleased to the City of Marianna whereas parcels to the east were subleased to Jackson County. The first parcel (Hinson Conservation and Recreation Area) is maintained by the City of Marianna and offers recreational areas and trails for use by the public. The Chipola River divides the second parcel into the City-maintained Chipola River Greenway Butler Recreation Area (west) and a portion of the Jackson County Greenway (east). The eastern portion of the latter parcel has been identified by the City and County as a future addition to the Chipola River Greenway properties and is planned to be integrated and opened to the public.

The first project area is approximately 13 acres (5.26 hectares) and bounded by the Chipola River to the north and east. It is situated within the Hinson Conservation and Recreation Area, an approximately 226 acres (91.5 hectares) tract east of State Road 73, just south of Marianna and within Township 4 North, Range 10 West, Section 10 as depicted on the Marianna, FL 1994 USGS 7.5' topographic quadrangle (Figure 1). The area of investigation included the previously recorded Hinson Tree House site (8JA467) and an open field and wooded areas surrounding Alamo Cave in the eastern section of the park to the north of Gator Hole Lane.

The second project area targeted approximately 5 acres (2 hectares) of high probability areas within the southeastern portion of the Jackson County Greenway parcel. The greenway includes approximately 185 acres (74.9 hectares) off a short access road northwest of Old US Road and directly east of downtown Marianna within Section 2 of Township 4 North, Range 10 West as

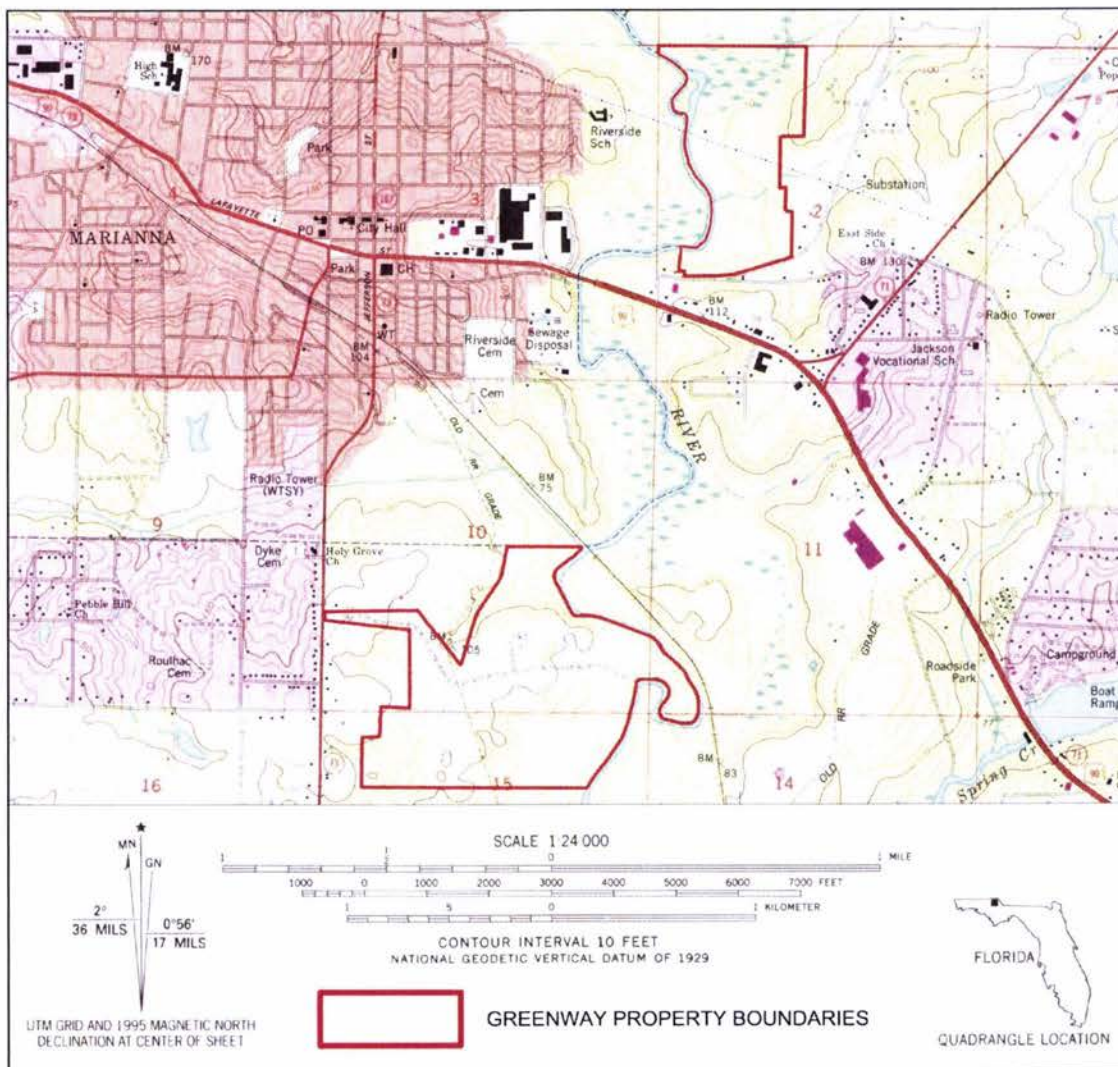


Figure 1. Hinson Conservation and Recreation Area (south) and the Jackson County Greenway Property (north) locations in Jackson County, Florida (based on the 1995 Marianna, FL USGS 7.5' topographic quadrangle).

depicted on the Marianna, FL 1994 USGS 7.5' topographic quadrangle (Figures 1 and 2). This area is maintained by Jackson County and was incorporated into the Chipola River/Jackson County Greenway for public use.

Environmental Overview

The two tracts under investigation lay in close proximity to the Chipola River, a main tributary of the Apalachicola River that flows through central Jackson County and part of the larger Apalachicola River Basin (Duffee et al. 1979). Jackson County is located in the north central section of the Florida Panhandle. It is bounded by Holmes and Washington Counties to the west and by the Apalachicola and Chattahoochee Rivers on the east. The county is bordered on the north by the state of Alabama and on the south by Bay and Calhoun Counties. Jackson County is irregular in outline, approximately 40 miles at its widest, east to west, and approximately 30 miles at its longest, north to south, and contains roughly 932 square miles.

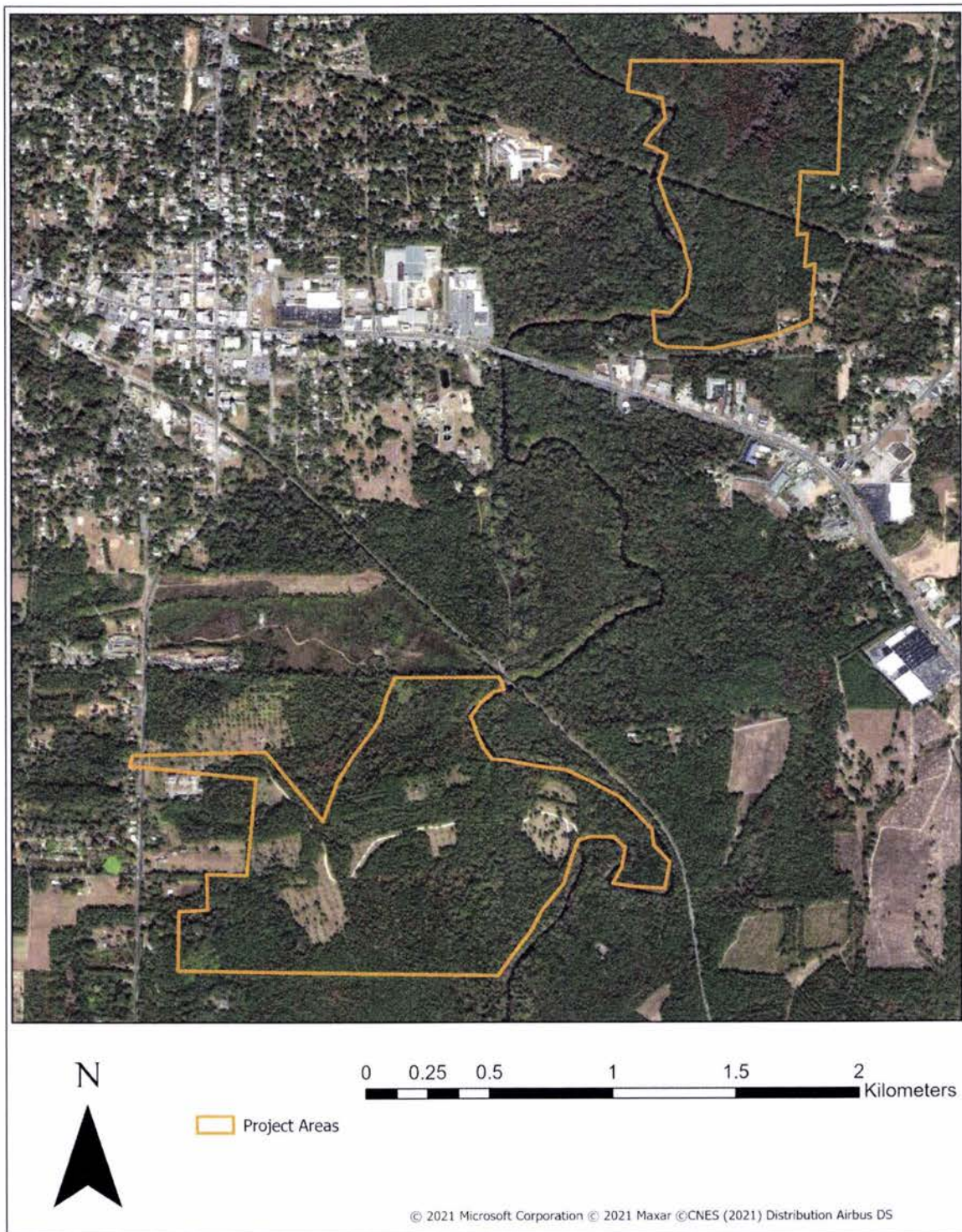


Figure 2. Hinson Conservation and Recreation Area (south) and the Jackson County Greenway Property (north) locations in Jackson County, Florida (based on the 1995 Marianna, FL USGS 7.5' topographic quadrangle). (Graphic blandishment courtesy of Jennifer Melcher, UWF Archaeology Institute.)

Physiography, Geology and Topography

Jackson County is located within the Coastal Plain physiographic province and falls within three physiographic subdivisions: the Marianna River Valley Lowlands, the Delta Plain Highlands, and the terraced Coastal Lowlands (Moore 1955; Vernon 1951). The Marianna River Valley Lowlands are characterized by low rolling hills, sinks, and terraced lowlands ranging from about 60 to 180 feet above sea level having been formed by the erosion and deposition of the area's larger rivers and creeks. This dominant subdivision includes all but the most southwestern section of the county as well as a smaller area east of the Chipola River. Jackson County's southwestern section, the sandy Delta Plain Highlands, rise in elevation from about 240 to 320 feet above sea level. The Terraced Coastal Lowlands include a widespread flat formation east of the Chipola River and range in elevation from about 180 to 240 feet above sea level (Duffee et al. 1979).

The project areas fall within the Marianna River Valley Lowlands physiographic subdivision where exposed Eocene and Oligocene limestone is found on and around the banks of the Chipola River and throughout much of the Upper Chipola River Basin (Duffee et al. 1979; Puri and Vernon 1964). Much of the Chipola River Basin sits on top of the Mariana Limestone formation and feature areas where the soft limestone has dissolved overtime creating caves, rock shelters, and sinks. During historic times, areas of exposed limestone were quarried for "chimney rock" and used as building stone in Marianna and neighboring communities (Puri and Vernon 1964). Many of these outcrops are closely associated with a similarly formed and significant resource, chert. Areas of available chert would have likely been sought out and valued by prehistoric groups for tool procurement and production.

Jackson County is drained by four dominant river systems, sinks, and depressions: Holmes Creek in the west, the Chipola River in the center, the Chattahoochee and Apalachicola Rivers in the east, and numerous sinks and depressions in the northeast (Duffee et al. 1979). Holmes Creek originates approximately five miles north of the Florida-Alabama state line and forms the boundary between Jackson and Holmes Counties to the east and flows southwest as the main tributary of the Choctawhatchee River. The Chipola River, which flows through the middle of Jackson County before merging with the Apalachicola River, begins in Houston County, Alabama, as two major tributaries, Marshall Creek and Cowarts Creek. Once converged in north Jackson County, the Chipola River is additionally fed by over 60 springs and many smaller creeks. The Chattahoochee River originates high in the Blue Ridge Mountains in north Georgia and flows south forming 160 miles of the border between Georgia and Alabama. The river runs approximately 435 miles before emptying into Lake Seminole, also fed by the Flint River to the northeast, and composes the northeastern boundary of Jackson County and southwest Georgia. The Jim Woodruff Dam lies at the southern end of Lake Seminole and marks the beginning of the Apalachicola River which winds approximately 112 miles south to the Gulf of Mexico. With a discharge rate averaging around 19,602 cubic feet per second, the Apalachicola River is the largest river in Florida in terms of flow and is surrounded by a broad floodplain which supports a diverse ecosystem (Boning 2007).

Soils

Soils in the Coastal Plain are derived from marine and fluvial sediments eroded from the Appalachian and Piedmont Plateaus (Couch et al. 1996). The Hinson Conservation and Recreation Area overlays the following soil types: Albany sand, Faceville loamy fine sand, Orangeburg loamy

sand, and Yonges-Herod association. Yonges-Herod association on 0-2 percent slopes predominate the investigated fields, comprising 54.8 percent of the project area. Orangeburg loamy sand on a 5-8 percent slope comprise 20.7 percent of the project area soils to the southwest. Faceville loamy fine sand on an 8-12 percent slope makes up 21.8 percent of the project area soils and include the wooded areas to the northwest surrounding Alamo Cave. Albany sand on a 0-5 percent slope makes up the remaining 2.7 percent of the project area soils between the field and Chipola River to the north. Yonges-Herod association and Albany sand are classified as poorly drained soils whereas Faceville loamy fine sand and Orangeburg loamy sand are classified as well drained soils (USDA 2013).

The Jackson County Greenway property overlays the following soil types: Faceville loamy fine sand, Oktibbeha variant-Rock outcrop complex, and Yonges-Herod association. Yonges-Herod association on 0-2 percent slopes predominate the surveyed areas, comprising 42.6 percent of the project area. Oktibbeha variant-Rock outcrop complex on 5-12 percent slopes make up 32.3 percent of the project area soils. Faceville loamy fine sand on 2-5 slopes make up the remaining 25.1 percent of the project area. All represented soil types in the project area, with the exception of Yonges-Herod association, are classified as well drained soil types (USDA 2013).

Climate

Jackson County, along with the northwest Florida area, has a warm-temperature and humid climate (Duffee et al. 1979). Summers are long and warm with an average temperature of about 80 degrees Fahrenheit moderated by the Gulf breeze. Winters are mild to cool with the coldest weather occurring around November and lasting sometimes as late as March. Annual rain fall averages about 58 inches with approximately 60 percent of this rainfall occurring within a 5 month rainy season. Prevailing winds are generally from the south and southwest, though November through January winds originate from the north and northwest.

Florida's climate would have been very different when people first ventured into the area around 12,000 BCE. This transitional period marked the end of the Pleistocene and beginning of the Holocene when glacial conditions imposed much cooler temperatures and a drier environment (Bense 1994). The climate began to warm and conditions became drier still, culminating in the Altithermal period of approximately 7000 – 3000 BCE. An overall period of cooling, characterized by more moisture and numerous short-term temperature fluctuations began about 3000 BCE and continues to the present.

Flora

The flood plain of the Apalachicola River, which includes the Chipola River Basin, is the largest in Florida covering approximately 450 km² (Wharton et al. 1977). This area is generally characterized by Southern Hardwood Forests which stretches from the Carolinas to Texas along the coastal plain and includes a mixed overstory of evergreen and deciduous trees such as beech, magnolia, sweetgum, oaks, and hickories. Conifers are also present, though to a lesser degree. The understory consists of both evergreen and deciduous shrubs and smaller trees as well as vines and epiphytes (Leitman 1989; Main and Allen 2007)

Fauna

Areas of the Chipola River Basin, and the surrounding Apalachicola River Valley, support a range of mammals, birds, reptiles, and amphibians. Large and small game animals such as white tail deer, wild hog, raccoon, opossum, coyote, and gray squirrel are common. Avian species such as turkey, quail, woodpeckers, owls, hawks, and a variety of songbirds are also abundant throughout the area. The environment also supports a variety of reptiles and amphibians such as the American alligator, snapping turtles, box turtles, and a variety of snakes and lizards.

Summary

Northwest Florida, and more specifically the Apalachicola River Valley and Upper Chipola River Basins, have a diverse environment that has undergone significant changes in the last 16,000 years. Modern conditions began approximately 3,000 years ago. Considering the rich abundance of resources throughout Jackson County, it is not surprising that past people viewed the area as a suitable environment for habitation. Fresh water resources, an abundance of game and food sources, as well as access to rich mineral resources provided an ideal setting for prehistoric groups as seen in the archaeological record of the region.

ARCHAEOLOGICAL AND HISTORICAL CONTEXT

Previous Research

Some of the earliest archaeological efforts within northwest Florida were conducted by Clarence B. Moore up and down many of the region's rivers (Moore 1903; 1907; 1918). Although the majority of Moore's regional digs were conducted on precolumbian mounds along the Apalachicola River, he reportedly visited at least three mounds on the southern end of the Chipola River in southwestern Calhoun County (Moore 1903). The first synthesis of northwest Florida's archaeology, though, was compiled by Willey and Woodbury (1942), a precursor for Willey's book, *Archaeology of the Florida Gulf Coast* (1949). During their study, Willey and Woodbury investigated 87 sites across Florida's northwest coast and created a regional chronology through the use of distinguishable ceramic collections. While the region's cultural chronology and ceramic typologies have been refined (i.e. Brose 1984; Fairbanks 1971; Marrinan and White 2007; Scary 1985; Sears 1967), Willey's regional analysis is still widely used.

Contemporary work within the inland areas of the Apalachicola River Valley were in the forms of early archaeological salvage projects and cultural resources management surveys at threatened sites during the construction of the Jim Woodruff Dam on the Lower Chattahoochee River (Bullen 1950, 1958). Additional surveys were conducted during the construction of Interstate 10 (Milanich 1974) and a Gulf Power development area in Jackson County (Brose and Wilkie 1976; Percy 1976). Since then a number of academic research and contractual projects have been conducted within the region, headed most notably by Nancy Marie White and colleagues (DuVernay 2011; Marrianan and White 2007; White 1981, 1982, 1994, 1996, 1999, 2000, 2011; White et al. 2012).

Prior to 1986 relatively little archaeological efforts had been conducted solely at sites in the Upper Chipola River Basin. During the development of Florid Caverns State Park in 1940, archaeological work was conducted by the Civilian Conservation Corps under the supervision of J. Clarence Simpson (Bullen 1949; Fairbanks 1941; Simpson 1941). William Gardner conducted

excavations in 1959-60 at the Waddells Mill Pond Site (1966). State archaeologist, Calvin Jones, also carried out excavations at Waddells Mill Pond in 1973-74 (Tesar and Jones 2009) and sporadically recorded a number of sites on private lands north of State Road 73 (Jones and Tessar 1998). In 1986 Nancy White and a team of archaeologists from USF conducted an extensive four week survey along the Chipola River and were able to record 184 previously undocumented sites (White and Trauner 1987). Limited archaeological work has been conducted back at Florida Caverns State Park (Tesar 1993) and Jackson Blue Springs Recreation Area located on Merritts Mill Pond that flows into the Chipola River (Deming et al. 2006; Neill 1963; Wisenbaker and Halparin 2002). Numerous Paleoindian and Early Archaic points have been found within the Chipola River (Chason 1987); some of which have been archaeologically reported on (Tyler 2008). Within the past few years though, few systematic research projects have been conducted within the basin with the exception of the occasional CRM investigation (i.e. Johnson 2007; Mikell 2013; Morehead 1996).

A review of collections and sites documented within the Chipola River Basin make it quite obvious of the abundance of archaeological materials present ranging from all periods of human occupation. Paleoindian points and tools have been recovered from the river by many of the areas collectors. Likewise, Archaic, Woodland, and Mississippian sites have been documented throughout the valley evidenced by the abundance of rich cultural materials left behind.

Precolumbian Overview

In combination, the archaeological investigations undertaken over the last 100 years in northwest Florida have produced much data on the prehistory and history of the region, and a picture of human adaptation to the northwest Florida area has emerged (Table 1). Presented below is a brief overview of the cultural history of the area. For a more complete delineation of northwest Florida cultural chronology, the reader is referred to Bense (1989, 1994), Harris (2012), Milanich and Fairbanks (1980), Milanich (1994), Tesar (1980), Tesar and Jones (2009), Thomas and Campbell (1993), White (2014), and White et al. (2012).

Paleoindian Stage (ca. 12,000 – 8,000 B.C.)

The Paleoindian Stage, representing the earliest occupation of the Western Hemisphere, began during the late Pleistocene (Great Ice Age) and ended around 8,500 B.C. (Bense 1994:38). Although some researchers lean towards earlier dates for the human migration into the Southeast, it is generally agreed that people began occupying areas of Florida around 12,000 B.C. These first human occupants probably migrated from northeast Asia during the latter stages of this last glacial period demarked by drier climates, a significantly lower sea level, and the existence of megafauna.

This period is divided into three general stages: Early, Middle, and Late. In the archaeological record these phases are designated by the changes observed in projectile point styles. The Early and Middle Paleoindian periods are characterized by lanceolate shaped projectile points with a convex or a straight haft element and base (Bense 1994:41-42). These artifacts are long, thin bifacially worked blades made of fine grained chert that often exhibit a flute or long shallow flake scar on each face. Early and Middle Paleoindian sites in north Florida are also marked by an expedient lithic tool kit of unifacial scrapers, adzes, blades, spokeshaves, flake knives, and ground stone implements. Late in the Paleoindian stage, climatic events evidently triggered changes in settlement and subsistence. These developments are reflected in late

Paleoindian settlement systems and assemblages. The Late Paleoindian artifact assemblage is demarked by small, serrated, and basally thinned projectile points with the addition of woodworking implements (Bense 1994:55; Milanich 1944:48-59).

The majority of archaeological work on Paleoindian research draws from submerged sites. Due to lower sea levels during this time, many survived Paleoindian sites are found within the continental shelf offshore in the Gulf of Mexico (Faught 2002, 2004; Faught and Gusick 2011). Additionally, during the much drier climates, Paleoindian people were likely to live in areas near accessible water sources, such as sinkholes, which later became rivers during the sea-level rise (Dunbar et al. 2005). Within the research area, Paleoindian materials seem to be largely confined to the Chipola River Valley (Tyler 2008). This is not surprising seeing that the area's main channel would have likely been the Chipola before the eastward migration of the Apalachicola River (Donoghue and White 1995:659).

Table 1. Cultural sequence for the Chipola River Basin, northwest Florida.

*Dates are synthesized from Milanich (1994), Bense (1994), Tesar and Jones(2009), and White (2014)			
Stage	Period	Date*	Culture
Paleoindian	Early and Middle	12,000 - 8,500 B.C.	Unnamed
	Late	8,500 - 8,000 B.C.	Dalton
Archaic	Early and Middle	8,000 - 6,000 B.C.	Kirk
	Middle	6,000 - 4,000 B.C.	Unnamed
	Late	4,000 - 500 B.C.	Unnamed, Norwood, Elliott's Point
Woodland	Early	500 B.C. - A.D. 200	Deptford
	Middle	A.D. 200 - 700	Swift Creek, Weeden Island
	Late	A.D. 700 - 900	Late Weeden Island (Wakulla)
Mississippian		A.D. 900 - 1650	Fort Walton

Archaic Stage (ca. 8,000 – 500 B.C.)

Within the region, the Archaic stage occurred between 8000 and 500 B.C. (Tesar 2009; White 2014). The longest stage of cultural development in the region, this period is marked by notched and broad-bladed projectile points, stone containers, and ground and polished stone implements. Among the important cultural developments that began during this stage are the initial construction of mounds and earthworks, the establishment of long distance trade networks, and the development of large settlements and sites (Bense 1994). The Archaic stage began at the outset of the Holocene climatic epoch, and ended with the beginning of modern climatic conditions. Global warming peaked midway through the Archaic, and has been cooling ever since. Concomitant with the changes in climatic conditions was a steady rise in sea level, and a change from deciduous hardwood forest communities to a fire sub-climax pine forest community. Research indicates that by the Archaic stage people had developed a diversified economy and a wide variety of animal and plant resources were exploited (Bense 1994). There is some evidence that early forms of agriculture began during the Archaic stage. Archaic settlement systems utilized

seasonal base camps and short term special use camps and subsistence patterns shifted to a more sedentary reliance on freshwater and riverine resources.

Like the Paleoindian Period, the Archaic periods (specifically the Middle and Late) are most notably distinguished by their stone tool typologies. These points are diagnostically stemmed and have come to be termed “Florida Archaic Stemmed”. There are many Middle Archaic sites throughout Jackson County including a number quarry sites such as the Marianna Quarry Cluster and the Wrights Creek Quarry Cluster (Sharon and Watson 1971; Upchurch *et al.* 1982; White and Trauner 1987).

Although Archaic earthworks and mound building are noted in areas of the Southeast, none are known to exist in the Apalachicola-lower Chattahoochee Valley. However, shell mounds are a different story and most Late Archaic sites in the region are mounded shell midden sites composed primarily of *Rangia* clams. Whether these sites were purposefully constructed or are a product of accumulated waste is not yet clear (White 2004:18, 2014:227). The Late Archaic period is hallmarked with the first appearance of fiber-tempered pottery: pottery made with Spanish moss mixed in with the clay. Fiber-tempered pottery has been recorded at many sites throughout Jackson County (Bullen 1958:339; White 1981:619-625). Tesar (2009:18) cautions that many of the area’s Late Archaic sites may be reoccupied Middle Archaic sites. It is not uncommon for these sites to have been reused as seasonal hunting camps or butchering sites and may lack fiber-tempered ceramics resulting in a misclassification of Late Archaic sites as Middle.

Woodland Stage (ca. 500 B.C. – A.D. 900)

The Woodland Period is the third major stage of cultural development in eastern North America. The major forest zones and climate during the Woodland Stage was much as it is today, although the sea-level continued to fluctuate until approximately 400 B.C. (Bense 1994:110). The stage is marked by population increases in the river valleys and along the coast, an increased use of pottery, and a rise and fall in elaborate ceremonials, interaction networks, and mortuary rituals (Anderson and Mainfort 2002; Bense 1994; Griffin 1967:180-189). This stage also saw more plants cultivated in the northern reaches of the Southeast, more burial mounds constructed, and increased trade networks. While none of these traits developed in the Woodland stage, they became more common and increasingly complex during this period. Current research of Woodland Period sites within the Apalachicola-lower Chattahoochee Valley roughly span from 500 B.C. to A.D. 900 (White 2014). Within Florida, these three stages are traditionally delineated, though not completely, by overlapping pottery typologies.

In northwest Florida the Early Woodland is traditionally associated with the Deptford ceramic series that roughly begins around 500 B.C. and last until about A.D. 200. Diagnostic ceramic varieties include sand tempered Deptford Linear Check-Stamped, Deptford Simple-Stamped, and Deptford Fabric-Marked pottery. Early Woodland groups in the Chipola and Apalachicola River Valleys began to construct earthen mounds although ceremonial materials seem to rarely be seen in the archaeological record (White 2014).

The Middle Woodland Period within the region dates to around A.D. 200 to 700 and is associated with the Swift Creek – early Weeden Island ceramic series. This period is noted as the height of mound construction and ceremonialism and brings with it the occurrence of exotic trade

goods. Diagnostic ceramics are recognized by Swift Creek Complicated-Stamped and Weeden Island Incised, Punctate, Plain, and Zoned Red ceramics. Swift Creek wares are elaborately decorated with curvilinear stamped designs pressed on clay vessels by carved wooded paddles and often appear alongside Weeden Island ceramics (White 2014). Middle Woodland Weeden Island ceramics (Willey's [1949] Weeden Island I) appear in southeastern Alabama, southwest Georgia, and throughout the panhandle of Florida and extend down the western coast of the peninsula (Milanich 2002:352-353). Weeden Island vessel form and decoration vary tremendously within the region though incision and punctuation are common trends. Stamping also occurs as does curvilinear and geometric designs and effigies figures on vessels (Willey 1949:407).

The Late Woodland Period is associated with the Late Weeden Island ceramic series (Willey's [1949] Weeden Island II) and is most heavily noted by Wakulla Check-Stamped ceramics dating from A.D. 700 to around A.D. 900. Carrabelle and Keith ceramics types also occasionally occur (White 2014). During this point in prehistory, mound building seems slow if not stopped altogether, the presence of exotic goods trickle away, and early evidence of maize is found to appear archaeologically in the interior river valleys (Milanich 1973).

Mississippian Stage (ca. A.D. 900 – 1650)

The Mississippian Period in the Southeast is typically noted by a revival of construction and reuse of earthworks, a reliance on maize agriculture, a substantial rise of institutional and political inequalities, a renewed interest in long distance trade and interaction, as well as the presence of shell tempered pottery (Ashley and White 2014). The Mississippian variant in northwest Florida during this time is known as Fort Walton culture, originally defined by Willey (Willey and Woodbury 1942; Willey 1949). Since then, the knowledge base surrounding Fort Walton culture has been expanded, redefined, and tweaked by various researchers (i.e. Blitz and Lorenz 2006; Brose 1984; Marrinan and White 2007; Mikell 1992; Scarry 1985; White 1982; White et al. 2012).

For the most part, Fort Walton culture in the interior Apalachicola-lower Chattahoochee Valley fits nicely into what is expected of a Mississippian society with the major exception of its ceramics. Fort Walton pottery is typically sand, grit or grog tempered, rather than crushed shell, and is dominated by varieties such as Fort Walton Incised, Lake Jackson, Marsh Island Incised, and Point Washington Incised decorated wares (White 2014). Limestone tempering is also observed within the Upper Chipola River Basin and in the lowest portion of the Chattahoochee Valley (see White et al. 2012:247).

It is now largely agreed upon that Fort Walton cultural locally evolved from the regional Late Woodland culture with its roots in the Middle Woodland (Blitz and Lorenz 2002). As such, many of the observed cultural traditions and materials found at Fort Walton sites exhibit Middle Woodland similarities. Middle Woodland mounds were reoccupied, Fort Walton vessel patterns and vessel shapes carry a likeness to their Middle Woodland ancestors, and a reoccurrence of exotic trade goods reappear within mound and burial contexts (White 2014:236). Fort Walton sites range from single family farmsteads to multi-family hamlets as well as village sites sometimes associated with a mound or mounds.

Historic Overview

As can be seen in Table 2, the historic chronology of northwest Florida begins with the Spanish explorers who sailed into the Pensacola Bay system. As peninsular Florida was ushered into an era of European discovery and conquest, the Apalachicola River Valley would not be visited by Europeans until more than a century later during the western push of the Franciscan mission system. As such, the early history of these areas and its protohistoric people groups is best understood within the framework of the Spanish missionization front.

Table 2. Historic chronology of northwest Florida.

<u>Period</u>	<u>Date Range</u>
<u>Colonial</u>	
First Spanish	1528 - 1763
British	1763 - 1781
Second Spanish	1781 - 1821
<u>American</u>	
Antebellum	1821 - 1860
Late 19th/early 20th century	1860 - 1917
World War I/World War II	1917 - 1940

Spanish Period (A.D. 1528 – 1763)

Following the discovery of La Florida in 1513, Ponce de León led a colonization attempt in 1521 which resulted in the conquistador's death and a retreat to Cuba (Milanich 2006:57; Tebeau and Marina 199:20; Weddle 1985:48). Over the next four decades there would be five more failed colonization attempts: Lucas Vázquez de Ayllón's expedition in 1526 (Hoffman 1992), Pánfilo de Narváez's expedition in 1528 (Hoffman 1994), Hernando de Soto's expedition from 1539-61 (Hudson et al. 1989), the Dominican friar Fray Luis Cancer de Barbastro's missionization attempt in 1549 (Gannon 1983:9-14), and Tristán de Luna's expedition from 1559-61 (Hudson et al. 1989). However, there is no definite evidence to suggest that any of these explorers spent time in the Apalachicola or Chipola River Valleys. The 1528 expedition of Pánfile de Narváez brought the first Europeans within the province of Apalachee, in north central Florida, though they quickly abandoned the area due to outbursts of malaria and Indian attacks (Cash 1946; Tebeau and Marina 1999:20). Hernando de Soto's 1539 winter stay in the Apalachee village of Anhaica, present day Tallahassee, brought Spanish influence and disease even further inland (Ewen and Hann 1998; Gannon 1996).

Well after Hernando de Soto, the expedition of Tristan de Luna landed in the Pensacola area in 1559 purposed for colonization. Though unsuccessful, Luna's colony was the first European settlement in North America. Within a month of its establishment though the area was hit by a hurricane destroying Luna's ships and supplies, and ultimately abandoned in 1561 (Priestly 1928).

Spurred by France's renewed interest in North America during the early 1560's, the Spanish Crown negotiated a contract with Pedro Menéndez de Avilés to conquer, explore, and settle La Florida in March of 1565 (Lyon 1976). Avilés sailed from Spain with nineteen ships and carrying over 1500 people three months later. Plagued by storms, only five ships reached the Florida coast in late August. The colonists established a camp a few days travel south of the St. Johns River and named the small settlement St. Augustine (Milanich 1999:84-85; Tebeau and Marina 1999:30-31).

In 1573, the Franciscan Order was brought to St. Augustine after failed attempts by the Jesuits to missionize the natives from 1568 to 1572 (Gannon 1983; McEwan 2001:633; Milanich 1999:99-103). Although early governmental disputes stalled religious efforts by the Franciscans, they were largely successful in ministering to Spanish-allied Indian towns north of St. Augustine and eventually set out to visit the Timucuan chiefdoms of interior southeast Georgia and northeast Florida (Gannon 1983:38; McEwan 1993:xix; Milanich 104-109). The first interior doctrina, San Francisco de Potano near present day Gainesville, was found in 1606 and marked the beginning of the mission San Francisco de Potano system's westward expansion. The missions north of St. Augustine were strengthened and by 1616 twenty-three missions had been established in La Florida (Milanich 1999:118). Missions were soon established in Yustaga, west of the Timucua province, by 1628 and at the close of the decade the number of Franciscan missions in La Florida rose to thirty-three (Milanich 1999:120-123).

The mission system was the most significant institution in La Florida for the expansion of Spanish influence. Its purpose was not only for the religious conversion of native populations but also acted as a means of religious and political control (McEwan 1991:36). Because Spain had outlawed the enslavement of Indians in 1542 (McAlister 1984:162-163) the mission system provided a means for chiefs to outsource human labor as sources of tribute referred to as the *repartimiento* system.

The expansion of the mission system and assimilation of the native chiefdoms also allowed the Spanish access to La Florida's natural and cultural resources. Since Florida lacked any sources of mineral wealth to export for supplemental financial support, St. Augustine was wholly dependent on native populations for food and labor. The mission system thus acted as a network of self-sustaining locales in which resources were extracted and taken to St. Augustine. During the 17th century, the two most significant resources were corn and native labor (Worth 1998).

In the early 1610's, chiefs from the western province of Apalachee began to request the service of Franciscan friars (Milanich 1999:124). However, due to its distance from St. Augustine, the governor was unable to meet these requests until 1633 (Florida Friars in Chapter 1617; Hann 1988:12). The first two Apalachee missions established were probably San Lorenzo de Ivitachuco and San Luís de Talimali. Over the course of two decades, another eight missions would be established in the Apalachee province. Calling the missionization of Apalachee a success, Spanish authorities began to look westward to the Apalachicola and Chacato provinces (Milanich 1999:125-126, 129).

The lands west of Apalachee represented the outer periphery of the Franciscan mission system during the late-17th century. People groups such as the Chine, Chacato, and Pacara were

most likely the closest neighbors west of the powerful Apalachee province (Hann 2006:22). Natives within the Apalachicola province began requesting friars and voiced a desire for Christianity during the visit of Florida governor Benito Ruíz de Salazar in 1645 or 46 (Hann 1993:111,140). As usual, the request fell on deaf ears due to the distance between the Spanish capitol in St. Augustine and the backwoods of the Apalachicola. An appeal for friars and Christianity would be made again in 1657 to another Florida governor, Diego de Rebolledo, though this time from the Chacatos. Again, the requests fell short and the Franciscans front would not venture west of the Apalachee for another seventeen years (Rebolledo 1957:111).

Under the order of the governor in April 1674, Nicolás Ponce de León, captain Juan Fernández de Florenzia, a lieutenant of Apalachee, and Fray Alonso del Moral set out west of Apalachee to the Chine village of Chaccabi, “ten to eleven leagues [...] in a southerly direction”, where the Pacaras and Amacanos were also noted to have lived (Fernández de Florenzia 1674). Here, a church was erected and dedicated to St. Peter the Apostle (Hann 1993:74-75; Hann 2006:24-27). In June of that same year Andrés Péres, a lieutenant from the province of Timucua, was provided orders from the Florida governor to establish two missions to the Chacatos. Bringing with him three additional soldiers, Fray Alonso del Moral, and three other religious persons, they traveled a distance of four days northwest from Apalachee until they arrived at the “heathen” province of Chacato. After receiving consent from the cacique and other leading men of the principle village, Achercatane, Moral erected a church and dedicated it to San Carlos Boromeo on the following Thursday, June 21, 1674. That same day, Moral said mass and baptized the infant son of the cacique as well as two other sons of the village’s leading men. Immediately afterwards, the Spanish party traveled to the Chacato village of Atanchia (Péres 1674).

The very next day, June 22, 1674, Moral erected another church at Atanchia and dedicated it to San Nicolás de Tolentino. Once the mission had been established, Moral said mass with the inhabitants of the village and baptized the infant nephew and heir of Atanchia’s cacique. Péres and Moral left the three additional friars at San Nicolás to minister to both of the newly established missions with instruction to “exhort, preach to, teach, and instruct both these and the rest of the heathens of the said province in our holy Catholic faith”. Péres provided the certification of both San Carlos and San Nicolás on June 23, 1674 (Péres 1674). However, both missions were abandoned by the Spanish a little more than a year after their establishment as a result of a Chacato uprising.

The mission system ultimately came to an abrupt end in the early 1700s when the British and Creek Indians destroyed the missions throughout Florida and forced the Spanish to leave the area. Many of the Creek Indians moved into north Florida after the British raids of 1702-1704 and existed within areas of north Florida until statehood (Mahon and Weisman 1996; Tesar 1980).

British Period (A.D. 1763 – 1781)

The British gained control of Florida from the Spanish following the Treaty of Paris in 1763. Using the Apalachicola River to divide Florida into West and East colonies, Pensacola became the capitol of the Province of West Florida while St. Augustine became the capital in the east (Wright 1986). The British took stock in West Florida’s capitol and converted the small Spanish settlement into a busy port city and center of commerce (Parks 1986). Timber, indigo, deerskins, cattle, corn, tallow, bear’s oil, rice, tobacco, salted fish, pecans, sassafras, and oranges

were exported during this period (Howard 1940:217). The Spanish fort at St. Marks was also cede to the British and turned into a trading post after military abandonment in 1769 (Olds 1962).

By the late 1770s the English and Spanish were again at war. Spanish forces under Bernardo de Galvez, attempting to destroy British influence on the northern Gulf Coast, ousted the English from Pensacola in 1781. The Spanish regained control of northwest Florida, and established Fort San Carlos de Barrancas on the mainland at the mouth of Pensacola Bay to protect the harbor.

Second Spanish Period (A.D. 1781 – 1821)

During the Second Spanish Colonial period, the population in Pensacola continued to grow. Indian trade grew in commercial importance, and brickyards and sawmills began to be established; cattle ranching also began. The Second Spanish Period also saw the rise of a profitable market for deerskins. The Industrial Revolution in England during the late 1700s created a strong demand for leather for machine belts and bands, and leather from West Florida. West Florida's chief commercial export became deer hides, and the Panton-Leslie trading company, with its main office at Pensacola, grew into a thriving firm which traded blankets, guns, and other articles with the southeastern Indians in exchange for deerskins. Begun in 1783, Panton, Leslie and Company came to dominate the Indian trade of the region. Pensacola became the center of a large trading operation, a trading operation which netted company profits from deerskins and eventually Indian lands (Brown 1959). While Panton, Leslie and Company's main trading office was located in Pensacola they established trading posts on the west bank of the Wakulla River, about four miles upstream from the abandoned fort at St. Marks, and one on the St. Johns River. In 1804, the company obtained a mass of 1,200,000 acres of land located between the Apalachicola and Wakulla Rivers, known as the Forbes Purchase, as payment of years of incurred debts by the Seminoles (Coker and Watson 1986; Tebeau and Marina 1999:84-86).

By 1800, however, Pensacola and the northwest Florida region experienced severe economic and political difficulties that were related to international developments. Pensacola was a poor, undermanned military outpost, and Spain's slipping political, economic, and military strength meant continuous difficulties for the small colonial port city. These international developments alarmed Spain. They viewed with apprehension Napoleon's rise to power, French imperialistic designs on the New World, and the sale of Louisiana to the United States. Also contributing to Spain's and Pensacola's difficulties were an increasing population of aggressive Anglo-Americans on the Spanish Florida borderlands; the inevitable Anglo-American and Indian skirmishes; and the growing conflicts between Great Britain and the United States. Starting with the Creek War of 1812, and the accompanying British and Indian intrigues along the American border, northwest Florida became a target for American military predation. Twice, General Andrew Jackson led U.S. forces into Spanish Pensacola; once in 1814 and again in 1818 after traveling south along the Apalachicola during the First Seminole War (Tebeau and Marina 1999:137; Wright 1986:203). On his second tour, Jackson built Fort Gadsden north of the city of Apalachicola and captured the Spanish fort at St. Marks. While at St. Marks, he became concerned with reports of hostile Indians gathering in Pensacola and marched his company the 275 miles west to take the city. These maneuvers convinced Spain that Florida was a liability, and the Spanish colony was officially transferred to the United States in July of 1821 (Parks 1986; Rucker 1990).

American Period (A.D. 1821 – present)

Florida became an American Territory in 1821 after a series of successful invasions of Pensacola by Andrew Jackson in pursuit of American Indians. The Spanish finally sold Florida to the United States and withdrew, ceding Florida by treaty to the United States in 1819. King Ferdinand of Spain signed the treaty in 1820, and it became an American territory in 1821 (McGovern 1974). Pensacola was the temporary capital of this new territory and Jackson became interim governor.

Even before Spain ceded Florida to the United States, people began to move into the fertile Marianna Lowlands. There were already fifty four settled families within the new state on land yet to be sold. In August 12, 1822, Jackson County was annexed from the eastern portion of Escambia County. Florida's first official governmental survey was conducted in 1825 and recorded Jackson County's population to be 2,256 (Shofner 1985:23 Stanley 1950:15; Wisenbaker and Halperin 2002). Between 1826 and 1829, five communities established post offices including Marianna which was founded in March, 1828, and declared the county seat the following year. Washington County was created in 1825 from the southern half of Jackson giving the county its current dimensions (Shofner 1985:29-36).

Many of Jackson County's early settlers pursued economic interests in the timber industry, though the staple enterprise was in agriculture. Prosperous plantations quickly sprouted up along the Chipola River, Blue Springs, and the Apalachicola River. These early planters concentrated on growing sugar cane. Consequently, the growing season for sugar cane proved too short to be profitable and planters shifted efforts towards growing cotton (Shofner 1985:61-65).

When the War Between the States began in 1861, Floridians who lived in the western panhandle area had mixed loyalties. Some citizens from Pensacola, Marianna, and Milton hoped to delay secession or postpone it indefinitely, whereas most northwest Floridians were anxious to sever ties with the North (Adams et al. 1992). The Civil War had an overwhelming effect on Jackson County. A blockade on the ports at Apalachicola and other gulf communities prevented the shipping of the area's cotton crushing Marianna's economy (Shofner 1985:231-232). Many residents of Jackson County found a lucrative industry in salt production, a resource virtually free and easily accessible a short distance south at St. Andrews Bay (Shofner 1985:237-238).

Like Jackson County, much of northwest Florida's industrial capacity had been destroyed in the war and the region laboriously began rebuilding. The lumber and turpentine industries enjoyed a boom in the late 1800s. Lumber railroads stretched deeper into the forests and tapped previously inaccessible stands of pine. These railroads provided transportation for the lumber industry and greatly facilitated logging in the interior away from the drainages. Lumbering and turpentine communities and temporary camps were set up throughout the interior of northwest Florida. Family farms were also established in the interior uplands during this period as the forests were logged. Railroad connections were reestablished to the north, and new rail lines connected Pensacola east to Jacksonville and west to other Gulf Coast communities. Communities such as DeFuniak, Bonifay, and Chipley quickly sprouted up with the construction of the Pensacola (Shofner 1985:343-344).

Increasingly, the inhabitants of Florida's panhandle turned to agriculture. Although cotton continued to be the main crop, planters began experimenting with others including corn, wheat, rice, and peanuts, blueberries, Satsumas, pecans, grapes, and pears. The lumber industry continued to be a significant economic resource and focused on the harvest of yellow pine, oak, and other hardwoods as well as cypress. From the late 1800s to around 1950 limestone mining proved to be another important industry. Quarried limestone blocks were used for chimneys and the walls in many buildings in Jackson County's communities. The Great Depression further weakened an already stagnant economy and many mines, mills, and citrus packing plants were closed (Shofner 1976:480). The onset of World War II; however, improved conditions, and in the years following the war the presence of the U.S. military profoundly altered and improved the economic climate. Military installations like the Pensacola Naval Air Station, Whiting Field, and Eglin Air Force Base have proved extremely important in the development of northwest Florida since the mid-twentieth century. The Marianna Army Air Field was activated in 1942 as an advanced flight school where pilots received training to operate light bombers (Shofner 1985:513-514). The airfield was deactivated in 1946 and reestablished as the Graham Air Base. The contract pilot training school lasted until 1960 where it was transitioned for civilian use as the Marianna Municipal Airport (Shofner 1985:533). Agricultural pursuits and the pulpwood industry are still the dominant economic mainstays of Jackson County while the economy of other areas of northwest Florida economy has diversified in the last thirty years with the addition of chemical plants, oil fields, and beach-related tourism to the local economy (Armstrong 1930; Fischer and Collier 1993; King 1972; McGovern 1976; Parks 1986; Pearce 1980:90-179; Rucker 1990:758-761; Wells 1976).

RESEARCH DESIGN AND METHODS

Project Objectives

This cultural resources assessment survey had three objectives: 1) to identify or reassess archaeological sensitive areas within the proposed project areas; 2) to conduct a Phase I level archaeological resource assessment of these work areas to locate and assess the significance of any archaeological properties; and 3) to provide resources management recommendations for any archaeological or historical resources encountered during the field work. The work conducted did not include Phase II (archaeological testing) or Phase III (data recovery) investigations.

This cultural resource assessment survey was designed to locate, identify, and evaluate all archaeological resources within the proposed research area in manner consistent with 1A-46, Florida Administrative Code and the Cultural Resources Management Standards and Operations Manual (Florida DHR 2004). The UWF Archaeology Institute conducted Phase I cultural resource assessment surveys to locate and evaluate the significance of any cultural resources present. The investigations were geared toward determining the horizontal and vertical extent of all cultural materials (bounding archaeological sites). The methods employed were designed to recover significant data to assess the potential significance of any cultural properties according to the criteria established for inclusion in the *National Register of Historic Places* (NRHP). Meeting these goals facilitated the development of recommendations for managing any archaeological or historical resources that may be impacted by construction.

Methodology

The archaeological project included four phases: 1) background research and planning; 2) Phase I survey; 3) laboratory analysis and evaluation; and 4) report preparation. The project was directed and supervised by professional archaeologists from the University of West Florida Archaeology Institute with the assistance of laboratory technicians and graduate archaeology students. Each phase of work is discussed below.

Background Research

Prior to field work, a review of all archaeological information about the project area was undertaken. This task included a thorough review of the relevant archaeological literature, a document search, and site file research. Sites in or within 1-km of the project areas were examined (Figure 3; Table 3).

Table 3. Previously Recorded Archaeological Sites Near the Hinson Conservation and Recreation Project Area.

Site Number	Site Name	Survey Number	Cultural Components	NRHP Significance
JA190	Old City Dump Road	0	Prehistoric lacking pottery	Not Evaluated by SHPO
JA466	Hinson Orchard Sink	1372	Prehistoric lacking pottery	Not Evaluated by SHPO
JA467	Hinson Tree House	1372	Prehistoric with pottery, Twentieth century American	Not Evaluated by SHPO
JA1732	Lamond Spring Site	5563	Prehistoric lacking pottery	Not Evaluated by SHPO
JA1733	L&N Railroad Bridge Site	5563	Prehistoric lacking pottery, Twentieth century American	Not Evaluated by SHPO

Local Informants

Local informants were casually interviewed during the surveys in regards to their knowledge of any previously unrecorded sites or archaeological materials within the project areas. At least three unnamed Marianna locals reported knowledge of collecting projectile points at the Hinson Conservation and Recreation Area during the Hinson family's ownership of the property. One individual recounted that another local had dabbled with flintknapping and reportedly threw his rejects into the Chipola River. Director of Jackson County Parks and Recreation, Chuck Hatcher, reported an interaction with collectors at the Jackson County Greenway property, although no cultural materials had been collected. During the two surveys, historian Dale Cox acted as a consultant and liaison to the Jackson County community.

Archaeological Site Predictive Models

Background research provided baseline information about human settlement in the project areas and allowed for the preliminary delineation of high, moderate and low probability zone for the presence of archaeological sites. These archaeological probability zones are based on a model articulated by Phillips (1994:49-52) and improved upon as new data become available. Moderate probability areas were to be tested at approximately 25 meter intervals, though some areas were surveyed at closer intervals in order to acclimate archaeological technicians/students to the

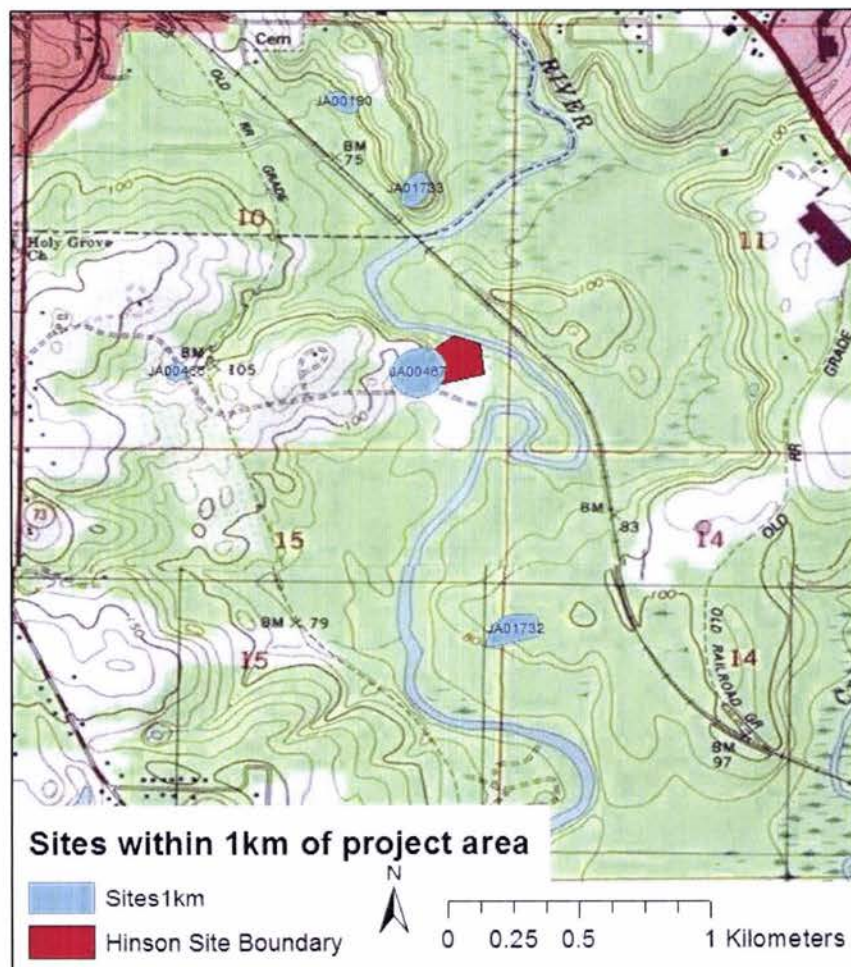


Figure 3. Previously recorded sites within 1 km of JA467.

environment. In low probability areas shovel tests were to be positioned at 50 meter intervals or judgmentally placed according to the discretion of the supervising archaeologist.

Once on-site, it was observed that some areas identified as moderate probability zones on the map did not exhibit the characteristics appropriate for that designation. For example, shovel testing some moderate probability areas within the Jackson County Greenway project area proved not possible because of exposed limestone bedrock on the surface. These areas were redefined as low probability zones and shovel tested accordingly. Using the carefully developed research design as a guide, changes were made in the field according to the conditions encountered. By doing so, resources were allocated where they would be most likely to reveal significant cultural resources that may be affected by site uses.

Expected Results

If prehistoric sites exist in the project areas, it was expected that they would be located on well-drained soils, adjacent to drainages and wetlands on level, elevated ground. The project area is characterized by rolling topography with well-drained to poorly drained sediments. Due to the acidity of these types of sediments, organics such as midden deposits are generally not preserved. Furthermore, occurrences that survive in an acidic environment would be diffuse in nature and,

given our understanding of the prehistory of the region, would probably consist of Coastal Plains chert flakes and plain sand tempered ceramics.

Unlike prehistoric and early historic sites, historic sites of the late nineteenth and early twentieth centuries are not closely associated with an easily defined range of environments. Background research indicated a low to medium probability for the presence of historic sites for the projects areas.

The Hinson Tree House project area did have a higher probability of yielding prehistoric materials since the area is relatively flat, near the Chipola River, and archaeological materials have been recovered from the site before. This site also had a moderate probability of yielding historic cultural resources since the property had once been used as a homestead; abandoned railroad tracks were also noted west of the project area. However, no substantial historic resources were encountered during this assessment. The Jackson County Greenway project area was deemed to have a moderate probability of yielding both prehistoric and historic materials. Although the area is comprised of high elevated zones and well-drained sediments, much of the project area is on a 5-12 percent slope and approximately 500 meters from the Chipola River. Though no historic resources were evident in the literature and map review, areas of quarried limestone were discovered east of the project area on Southeastern Cave Conservancy property that could have generated historic materials (<https://www.saveyourcaves.org/preserves/details/24/540-hollow-ridge-cave-preserve.html>).

Unexpected Discoveries

The procedures for dealing with unexpected discoveries, including the discovery of human remains are detailed below. In the unlikely event that after any future construction has commenced, archaeological or historical deposits in excess of 50 years of age are encountered all work should cease and a professional archaeologist should be consulted to evaluate the cultural deposits and make management recommendations to the SHPO. The University of West Florida's Archaeology Institute will provide this assessment on request. As an alternative approach, the developer may contact the Florida Department of Historic Preservation, Compliance and Review Section for guidance.

In the event of the unexpected discovery of human remains, all work should cease immediately. This is in accordance with Chapter 1A-44 Procedures for Reporting and Determining Jurisdiction Over Unmarked Human Burials and Florida statute 872.05. The individual in charge of the activity should notify the Senior Archaeologist at UWF Archaeology Institute. Under the current language of the statute, a professional archaeologist can determine whether the discovery must be reported to the appropriate District Medical Examiner (DME), or whether the State Archaeologist should be contacted per the requirements of FS Chapter 872.05 instead. Any activity that will disturb the remains should cease until authorization from the appropriate authority is given to resume work.

Field Work Activities

The archaeological survey consisted of a systematic inspection of the work reach area in a manner consistent with *The Historic Preservation Compliance Review Program of the Florida Department of State, Division of Historical Resources* (Tesar 1990). All work was performed in

compliance with the requirements set forth in the updated *Cultural Resources Management Standards Operational Manual* (2002) published by the Florida Division of Historical Resources (<http://www.flheritage.com/preservation/compliance/manual.cfm>).

Field Survey

Archaeological survey consisted of a combination of surface inspections and systematic transect-based subsurface testing and evaluation. All exposed surfaces were visually inspected. Where surface visibility was limited, shovel tests were excavated in relatively undisturbed areas at 25 m (82 ft) intervals at the Hinson Conservation and Recreation project area and 20 m (65.6 ft) intervals at the Jackson County Greenway in moderate probability areas. Low probability zones consisting of wetlands, steep slopes (>10% grade), and badly disturbed areas were visually inspected. In addition, to ensure adequate coverage, shovel tests were also placed in low probability areas according to the judgment of the supervising archaeologist. All shovel tests measured 50 cm (19.7 in) square and were excavated to a minimum depth of 100 cm (39.3 in) below land surface where conditions permitted. The fill from all shovel tests was screened through 1/4" hardware cloth.

Field documentation included notes on the type and nature of the archaeological deposits and site disturbances. Environmental information was also recorded such as topography, soil characteristics, vegetation, and nearby water sources. The work reach was documented with photographs and plotted on U.S.G.S. 1:24,000 scale topographic quadrangles using GPS technology. UTM coordinates were obtained using a hand held GPS. Recovered artifacts were packaged on-site in appropriate plastic field recovery bags and labeled with the following information: project code, occurrence number, area, segment, northing, easting, date, name of excavator(s), and bag number.

Laboratory Methods

Following the fieldwork, all documentation is returned to the Archaeology Institute at the University of West Florida for processing and analysis. Selected field maps, drawings and photographs are also digitized as needed to facilitate the site evaluations, project synthesis and production of this report. Laboratory analysis elicits the information necessary for formulating cultural resource management recommendations and to support site significance evaluations in terms of the National Register of Historic Places.

Artifact Processing and Classification

The artifacts recovered from the excavations of this project are taken to the Archaeology Institute for preliminary processing. They are cleaned with water and a soft-bristle toothbrush to remove surface debris. After cleaning, artifacts are classified according to major material classes: aboriginal ceramics, lithics, and historic ceramics; and catalogued. Artifacts are counted and weighed using a metric scale. Each artifact is then examined with a 10X handheld lens to determine its type, material, use, wear, temper, and decoration (when applicable). The standard artifact analysis guide is used in determining these types (see Lloyd 2001; Phillips and McKenzie 1997). A code sheet is completed for each artifact type recorded. Artifact data includes the project code, state site number, provenience number, catalog number, count, weight, artifact type code, and other applicable information (e.g. vessel form, lithic material, glass color). All artifact types are bagged in separate archival plastic bags, with the project code, provenience number, catalog number,

appropriate provenience information, and artifact type written in waterproof ink. The information from the code sheets is entered into a database for tabulation and analysis. All cultural materials are stored at the UWF Archaeology Institute's curation facility, in compliance with applicable federal and state regulations.

Documentation

All shovel test forms are organized and checked against the field notes. The field notes are placed in a bag with the project code and author's name written in waterproof ink. The digital project photographs are stored on a CD. The provenience and photograph logs, along with artifact code sheets and all associated and relevant documentation are placed in an archival box in preparation for curation.

Curation

After the completion of the project all documentation will be placed in archival boxes. Dependent upon the requirements of the Florida Bureau of Archaeological Services, either the artifacts and all field documentation will be sent to BAR, as they are the property of the state of Florida, or a loan agreement will be executed that allows these items to be retained at the curation facilities at the University of West Florida campus. Project information will be recorded on the exterior of all the boxes sent to the curation facilities. The location and contents of the project boxes will be entered into the master database for the curation facilities.

RESULTS AND CONCLUSIONS

Findings in Relation to Project Objectives

The objectives of this cultural resource assessment survey were to locate, identify and evaluate all archaeological resources within the proposed work reach areas. The investigations were geared toward determining the horizontal and vertical extent of all cultural materials. The methods employed were designed to recover sufficient dates to assess the potential significance of any cultural properties according to the criteria established for inclusion in the *National Register of Historic Places* (NRHP). These objectives were accomplished during the course of this project.

Hinson Conservation and Recreation Project Area Survey Summary

The Hinson Tree House site (8JA467) was resurveyed from 2-13 June by 8 UWF field school students under the direct supervision of four UWF graduate students and Ramie A. Gougeon, Ph.D., RPA. A total of 80 shovel tests were excavated across the 8 acres along Gator Hole Lane at intervals previously specified (see Figure 5). Although 46 of these tests yielded material collected and processed by the Archaeology Institute laboratory, subsequent analysis of these materials revealed that some of the items were not historic or, alternatively, not cultural. A revised total of positive shovel tests is 39. No historical structures or structural remains were noted within the project area. Archaeological materials concordant with the previously recorded archaeological site were encountered and delineated as part of this survey project. The findings of this survey updated and added data to 8JA467 and are detailed below. Typical soil profiles at these sites are also provided in the descriptions that follow.

Hollow Ridge Cave Area Survey Summary

The Jackson County Greenway project area was surveyed from 7-9 July 2014 by six UWF field school students under the direct supervision of four UWF graduate students and Ramie A. Gougeon, Ph.D., RPA. A total of 40 shovel tests were excavated across 5 acres at intervals previously specified (see Figure 8). Although 26 of these tests yielded materials collected and processed by the Archaeology Institute laboratory, subsequent analysis of these materials revealed that some of the items were not historic or, alternatively, not cultural. A revised total of positive shovel tests is 24. No historical structures or structural remains were noted. One archaeological site was encountered and delineated as part of this survey project. Typical soil profiles at these sites are also provided in the descriptions that follow.

Site Assessments

SITE DESIGNATION: JA467

SITE NAME: Hinson Tree House

TYPE: Prehistoric ceramic and lithic scatter

DRAINAGE SYSTEMS: Chipola River

MAP REFERENCE: T4N, R10W, Section 10, Marianna quadrangle

UTM COORDINATES: NAD 27, Zone 16, 670750E/3403820N

TOPOGRAPHIC SETTING: Gently sloping toe slope above drainage

ELEVATION: above the 50' AMSL contour

WATER SOURCE AND DISTANCE: < 20m to the Chipola River

SOIL TYPE: Yonges-Herod association/Faceville loamy fine sand/Albany sand

VEGETATION: Upland hardwood forest dominated by oaks, hickories, and sweetgum

SITE SIZE: 4.6 acres

DISTURBANCE ASSESSMENT: Previously cleared and plowed for agriculture

EVALUATION: Not significant

MANAGEMENT RECOMMENDATIONS: No further archaeological investigations warranted.

DESCRIPTION: The west and northern edge of the Hinton Tree House site is covered in upland hardwood dominated by oaks, hickory, and sweetgum. The majority of the site is located in a cleared field, once plowed for agriculture. The land form is on a gently sloping toe slope above the Chipola River. A typical soil profile was recorded at Shovel Test 1075N 1000E, as follows. Below a shallow (2-4 cmbs) root mat was an undulating layer of 10YR 3/4 dark yellowish brown loose loamy sand to 12-20 cmbs. This was underlain by a similarly uneven stratum of 10YR 4/6 dark yellowish brown semi-compact loamy sand extending to between 36 and 46 cmbs. The third stratum recorded was a 10YR 6/6 brownish yellow compact sandy clay encountered to the bottom of test pit.

This site contains a moderate prehistoric artifact scatter. Prehistoric materials were recovered from thirty eight of the thirty nine positive shovel tests and include a Florida Archaic Stemmed projectile point/knife and a Woodland-period projectile point, both of Coastal Plains Chert. Additionally, four bifacial blanks, one lithic scraper, and one lithic spokeshave were recovered, all of which are of Coastal Plains chert. A small quartzite hammerstone was also



Figure 5. General view of site JA467, facing east.

recovered. Eighteen pieces of Coastal Plains chert lithic shatter and a small “paint stone chunk” were recovered as well as one hundred and twenty flakes, fifteen of which appear to have been utilized. Lithic raw materials represented in these flakes include Coastal Plains chert (n=113), sandstone (n=1), and coastal agate (n=1). Lithic artifacts were recorded at depths of 0 to 80 cmbs. It should be noted that some modern metal fence staples and debris were recovered though all above the prehistoric artifacts. Additionally, while walking areas within the Hinson Conservation and Recreation Area, northwest of the project area, a stemmed Woodland-period projectile point was recovered from the surface and recorded as an isolated find.

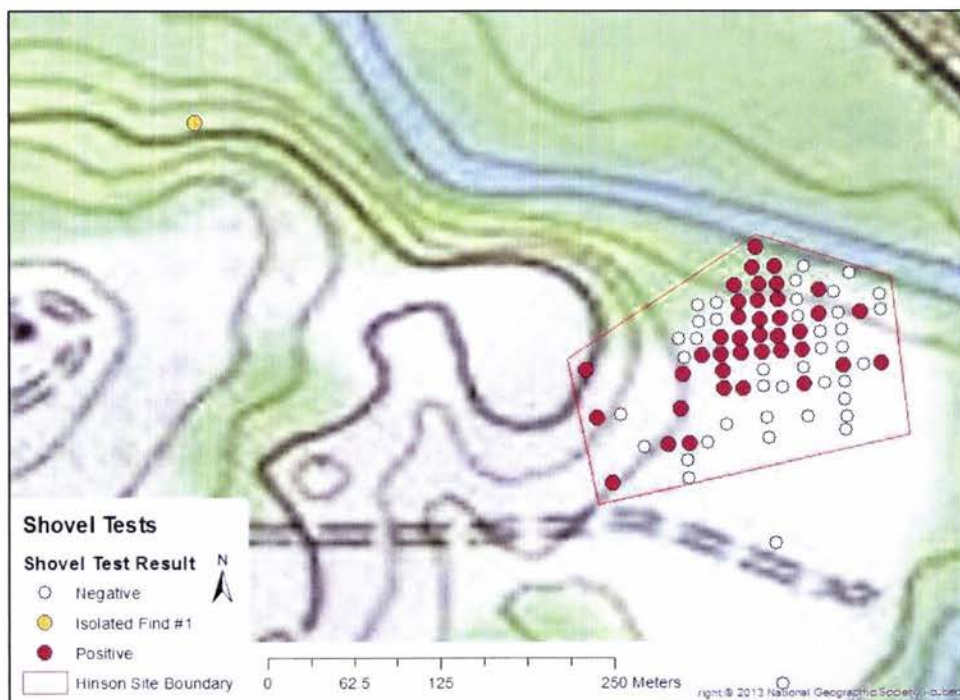


Figure 4. Plan view of site JA467.

Aboriginal ceramics (n=4) and one modern whiteware ceramic sherd were recovered from 8JA467. All of the aboriginal ceramics are sand tempered sherds, three of which are indeterminately check-stamped. All of the ceramics were recorded at depths of 11 to 84 cmbs.

Ultimately, shovel testing of the area delineated the site boundaries and revealed no intact cultural deposits. Diagnostic cultural materials recovered from JA467 show the use of the site likely extending to at least the Middle Archaic Period. Additionally the indeterminate check stamped ceramics recovered are indicative of Woodland Period site use. However, the prehistoric and historic deposits on the site do not represent unique or substantially intact (and therefore potentially useful to research programs) components. Additionally, the surface, walls, and limestone deposits of Alamo Cave were scanned for cultural resources such as artifacts, cave art, or torch markings and debris. No prehistoric materials were recorded within the cave and the only debris related to recent activities was found. A plan view of Alamo Cave was drawn using baseline offsets (Figure 6). Due to the limited potential of gleaning new or important information about the prehistory or early to middle twentieth century uses of the area, site JA467 is not recommended for listing on the NRHP. No further work is recommended.

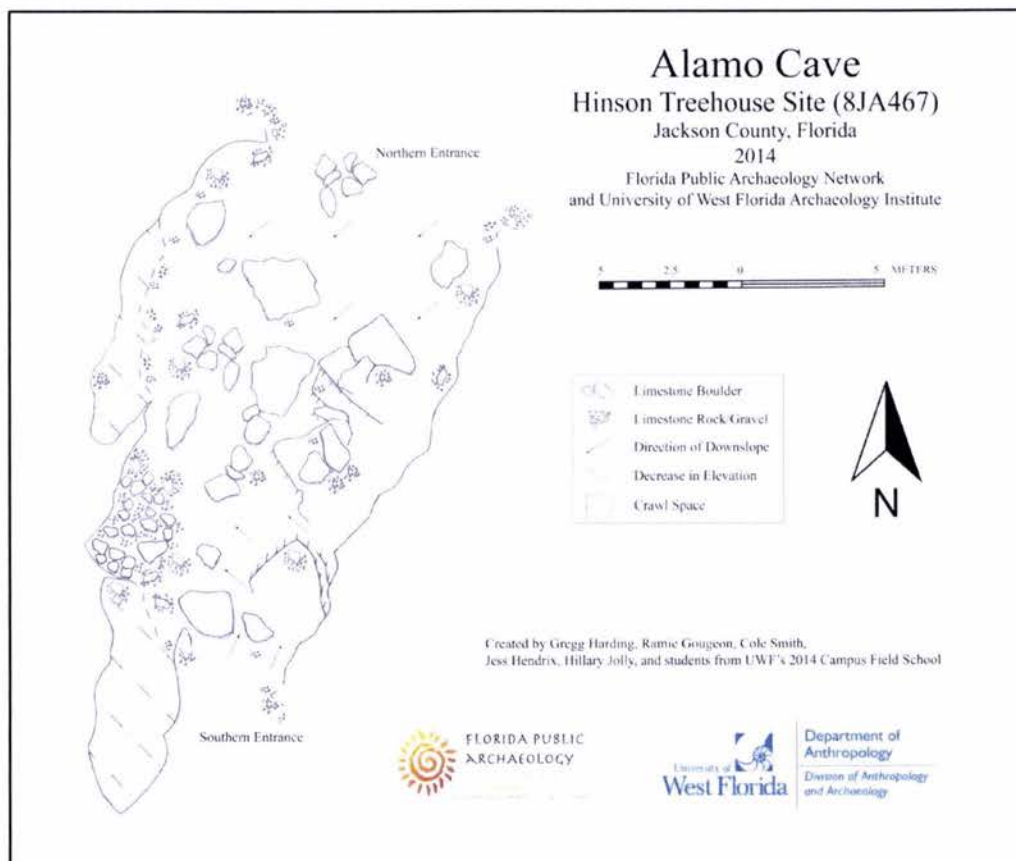


Figure 6. Plan view of Alamo Cave.

SITE DESIGNATION: JA1929

SITE NAME: Hollow Ridge

TYPE: Prehistoric ceramic and lithic scatter

DRAINAGE SYSTEMS: Chipola River

MAP REFERENCE: T4N, R10W, Section 2, Marianna quadrangle

UTM COORDINATES: NAD 27, Zone 16, 671750E/3406644N

TOPOGRAPHIC SETTING: Gentle to moderately sloping ridge above floodplain

ELEVATION: Above the 80' AMSL contour

WATER SOURCE AND DISTANCE: Approximately 500 m to the Chipola River

SOIL TYPE: Yonges-Herod association/Faceville loamy fine sand/Oktibbeha variant-Rock outcrop complex

VEGETATION: Upland hardwood forest dominated by oaks, hickories, and sweetgum

SITE SIZE: 2.5 acres

DISTURBANCE ASSESSMENT: Considerably geological/hydrological active area; eroding drainage along trails

EVALUATION: Not significant

MANAGEMENT RECOMMENDATIONS: No further archaeological testing is warranted.

DESCRIPTION: This site is located on a heavily wooded ridge that overlooks a floodplain of the Chipola River. The landform on which this site sits appears to have been hydrologically eroded over time and contains several small gorges. A typical soil profile was recorded at Shovel Test 460N 530E, as follows. Below a shallow (2-4 cmbs) root mat was an undulating layer of 10YR4/4 dark yellowish brown loose loamy sand to 10-12 cmbs. This was underlain by a similarly uneven stratum of 10YR 5/6 dark yellowish brown compact sandy clay extending to between 24 and 25 cmbs. The third stratum recorded was a 7.5YR 5/8 strong brown yellow very compact clay which could not be penetrated. Though uncommon, in some areas of the site, shovel tests exceeded to 100 cmbs.

This site contains a small prehistoric artifact scatter. Prehistoric materials were recovered from twenty three of the twenty four positive shovel tests and include one fragment of an indeterminate projectile point of Coastal Plains chert, two multidirectional worked cores of Coastal Plains chert, one quartzite groundstone, and two utilized cobbles of limestone (n=1) and quartzite (n=1). Additionally there were one hundred and one lithic flakes recovered of which ten appear to have been utilized. There were also twenty one pieces of Coastal Plains chert shatter recovered. Of the flakes, lithic raw materials represented at this sites are Coastal Plains chert (n=100) and coastal agate (n=1). Lithic artifacts were recorded at depths of 0 to 100 cmbs.



Figure 7. General view of JA1929, facing north.

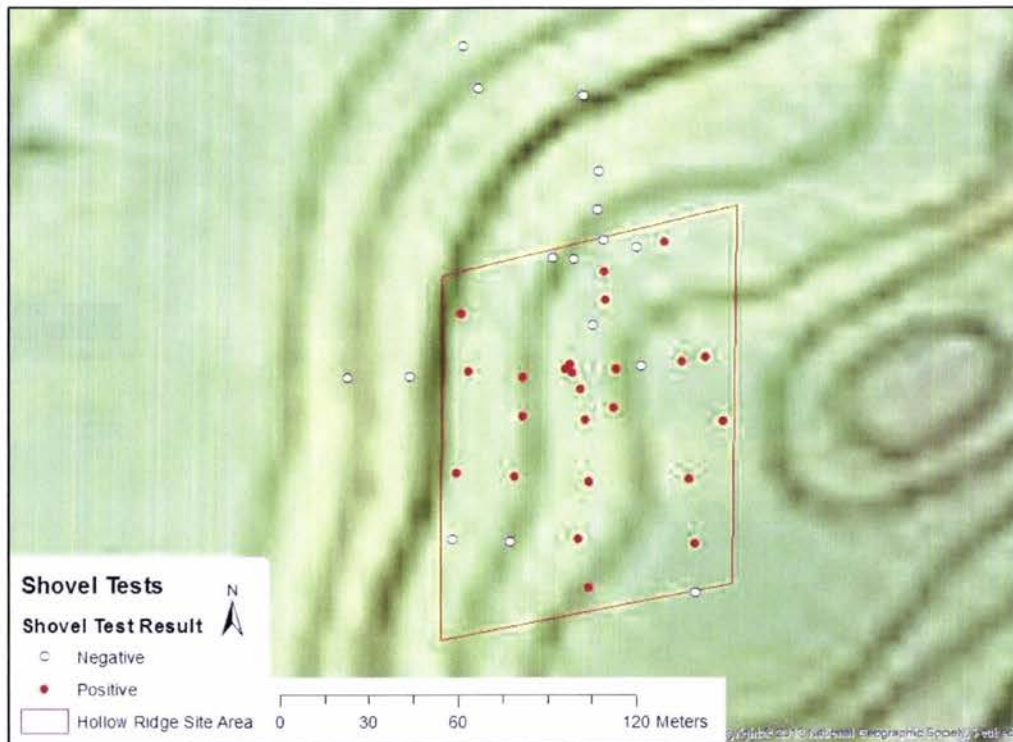


Figure 8. Plan view of site JA1929.

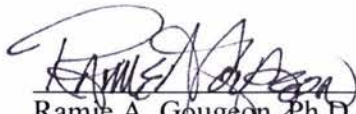
Sixty six aboriginal ceramics were also recovered at 8JA1929. All recovered ceramics are sand tempered and are mostly plain (n=50) or stamped (n=15). Consequently, fourteen of the stamped sherds are typical of Swift Creek Complicated Stamped pottery while one is indeterminately stamped. One Carabelle Punctated sherd was also recovered. Diagnostic pottery styles are representative of Middle and Late Woodland Period ceramic typologies. It should be mentioned that modern metal and glass were also recovered from areas of 8JA1929, all from shallow contexts (3 to 30 cmbs).

Ultimately, shovel testing of the area delineated the site boundaries and revealed no intact cultural deposits. Site 8JA1929 likely extends further to the east and south. However, our shovel testing regime was limited to the boundaries of the Jackson County Greenway property. Evidence of heavy erosion of the landform to the site's east suggest this portion of the site was most likely destroyed; an eastern boundary was set for the site based on these observations. The prehistoric and historic deposits on the portion of the site we were able to survey do not represent unique or substantially intact (and therefore potentially useful to research programs) components. Due to the site's low potential for yielding new or important information about the prehistory or early to middle twentieth century uses of the area, site JA1929 is not recommended for listing on the NRHP. No further work is recommended.

Management Recommendations and Conclusions

The sites and single isolated find described above represent common prehistoric and historic uses of the project area. Site JA467 (Hinson Tree House Site), located adjacent to Alamo Cave, a single isolated find, and site JA1929 (Hollow Ridge Site) represent sites typical of small,

ephemeral pre-ceramic and post-ceramic prehistoric occupations. Their research value is primarily derived from knowing of their existence and will be useful to studies in which site locations and their placement on the landscape relative to other sites. No significant nor intact cultural deposits were noted at either site. As a result of these Phase I investigations, sites JA467 and JA1929 are determined to be insignificant in terms of NRHP criteria and no further work is recommended for these areas.



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References Cited

- Adams, William R.
1988 Historic Properties Survey of Jackson County, Florida. Report submitted to Jackson County Board of Commissioners. FMSF Survey No. 1749.
- Adams, William R., Robert Bennett, S. Olausen
1992 Historic Building Survey of Okaloosa County, Florida. Manuscript on file. Institute of Archaeology, University of West Florida, Pensacola.
- Anderson, David G.
1990 The Paleoindian Colonization of Eastern North America: A View from the Southeastern United States. In *Research in Economic Anthropology*, Supplement 5:163-216. JAI Press, Inc.
- Anderson, David G., and Robert C. Mainfort, Jr.
2002 An Introduction to Woodland Archaeology in the Southeast. In *The Woodland Southeast*. David G. Anderson and Robert C. Mainfort, Jr., eds. Pp. 1-19. The University of Alabama Press, Tuscaloosa.
- Bense, Judith A.
1989 Pensacola Archaeological Survey and Summary of Archaeology in the Pensacola Area of West Florida to 1988. *The Pensacola Archaeological Society, Publication 2*.
1994 Archaeology of the Southeastern United States: Paleoindian to World War I. Academic Press, New York.
- Blitz, John H. and Karl G. Lorenz
2002 The Early Mississippian Frontier in the Lower Chattahoochee Apalachicola River Valley. *Southeastern Archaeology* 21(2):117-135.
- Boning, Charles R.
2007 Florida's Rivers. Pineapple Press, Inc., Sarasota.
- Brose, David S.
1984 Mississippian Period Cultures in Northwestern Florida. In *Perspectives on Gulf Coast Prehistory*. Dave D. Davis, ed. Pp. 165-197. University Press of Florida: Gainesville.
- Brose, David S. and Duncan C. Wilkie
1980 A Fort Walton Campsite (8JA201) at the Scholz Steam Plant Parking Lot, Jackson County, Florida. *Florida Anthropologist* 33:172-206.
- Brown, J.A.
1959 Pantón, Leslie and Company: Indian Traders of Pensacola and St. Augustine. *Florida Historical Quarterly* 37:328-36.

Bullen, Ripley R.

- 1949 Indian Sites at Florida Caverns State Park. *Florida Anthropologist* 2(1-2):1-9.
- 1950 An Archaeological Survey of the Chattahoochee River Valley in Florida. *Journal of the Washington Academy of Sciences* 40(4):101-125.
- 1958 Six Sites Near the Chattahoochee River in the Jim Woodruff Reservoir Area, Florida. *River Basin Surveys Papers* No. 14:316-358. *Bureau of American Ethnology Bulletin* 169. Smithsonian Institution, Washington D.C.

Bullen, Ripley P., and C.A. Benson

- 1964 Dixie Lime Caves Numbers 1 and 2: A Preliminary Report. *Florida Anthropologist* 17(3):153-65.

Cash, W.T.

- 1938 *The Story of Florida (Volume II)*. The American Historical Society, Inc., New York.

Chason, H. L.

- 1987 *Treasures of the Chipola River Valley*. Father and Sons Publishing, Tallahassee.

Coker, William S. and Thomas D. Watson

- 1986 *Indian Traders of the Southeastern Spanish Borderlands*. University of West Florida Press, Pensacola.

Couch, Carol A., Evelyn H. Hopkins, and P. Suzanna Hardy

- 1996 Influences of Environmental Settings on Aquatic Ecosystems in the Apalachicola-Chattahoochee-Flint River Basin. United States Geological Survey Nation Water-Quality Assessment Program Report 95-4278. U.S. Department of the Interior, Atlanta.

Deming, Joan, with Elizabeth A. Horvath, and Sean Desjardinas

- 2006 Cultural Resource Assessment Survey, Jackson Blue Springs Recreation Area, Jackson County, Florida. Archaeological Consultants, Inc., Sarasota. (FMSF Rpt # 13451).

Donoghue, Joseph F. and Nancy Marie White

- 1995 Late Holocene Sea-Level Change and Delta Migration, Apalachicola River Region, Northwest Florida, U.S.A. *Journal of Coastal Research* 11(3):651-663.

Duffee, Ernest M., with Allen J. William and Ammons C. Harold

- 1979 Soil Survey of Jackson County, Florida. U.S. Department of Agriculture Soil, Conservation Service, Washington D.C.

Dunbar, James S., with Mary M. Glowacki, and Kevin M. Porter

- 2011 Inventory and Assessment of Cultural Resources in the Withlacoochee State Forest, Citrus and Hernando Counties, Florida. Florida Department of State, Division of Historical Resources, Bureau of Archaeological Research, Tallahassee.

Dunbar, James S., C. Andrew Hemmings, Pamela K. Vojnovski, S. David Webb, and William M. Stanton

- 2005 The Ryan/Harley Site 8Je1004: A Suwannee Point Site in the Wacissa River, North Florida. In *Paleoamerican Origins: Beyond Clovis*, edited by Robson Bonnicksen, Bradley T. Lepper, Dennis Stanford, and Michael R. Waters, pp. 81-96. Center for the Study of First Americans, College Station.

DuVernay, Jeffrey P.

- 2011 The Archaeology of Yon Mound and Village, Middle Apalachicola River Valley, Northwest Florida. Ph.D. Dissertation, University of South Florida, Department of Anthropology, Tampa.

Ewen, Charles R. and John H. Hann

- 1998 *Hernando DeSoto Among the Apalachee: The Archaeology of the First Winter Encampment*. University of Florida Press, Gainesville.

Fairbanks, Charles H.

- 1941 Report of Collections from Florida Caverns State Park, Marianna, Florida. Florida Bureau of Archives, Tallahassee.
1971 The Apalachicola River Area of Florida. *Southeastern Archaeology Conference Bulletin* 10(2):38-43.

Faught, Michael K.

- 2002 Submerged Paleoindian and Archaic Sites of the Big Bend, Florida. *Journal of Field Archaeology* 29(3-4):273-290.
2004 The Underwater Archaeology of Paleolandscapes, Apalachee Bay, Florida. *American Antiquity* 69(2):275-289.

Faught, Michael K. and Amy E. Gusick

- 2011 Submerged Prehistory in the Americas. In *Submerged Prehistory*. Jonathan Benjamin, Clive Bonsall, Catriona Pickard, Andres Fischer, eds. Pp. 145-157. Oxbow Books.

Fernández de Florencia, Juan

- 1674 Certification, April 28, 1674. AGI, SD 235. Translation by Hann in *Florida Archaeology* (1993) 7:74-75.

Florida Division of Historical Resources

- 2004 *Cultural Resources Management Standards Operational Manual. Module Three: Guidelines for Use by Historic Preservation Professionals*. Florida Division of Historical Resources. Electronic document, <http://www.flheritage.com/preservation/compliance/manual.cfm>, accessed 9 March 2015.

Florida Friars in Chapter

- 1617 [Letter to the King, January 17 ,1617.] AGI SD 235 WLC, vol. 6.

Gannon, Michael

1983 *The Cross in the Sand: The Early Catholic Church in Florida: 1513-1970*. 2nd Edition. University Press of Florida, Gainesville.

1996 First European Contacts. In *The New History of Florida*. Edited by Michael Gannon. Pp. 16-39. University Press of Florida, Gainesville.

Gardner, William M.

1966 The Waddells Mill Pond Site. *The Florida Anthropologist* 19(2-3):43-64.

Griffin, James B.

1967 Eastern North American Archaeology: A Summary. *Science* 15(3772):175-91.

Hann, John H.

1993 Visitations and Revolts in Florida, 1656-1695. *Florida Archaeology* 7:1-296.

2006 *The Native American World Beyond Apalachee*. University Press of Florida, Gainesville.

Hann, John H. and Bonnie G. McEwan

1998 *The Apalachee Indians and Mission San Luis*. University Press of Florida, Gainesville.

Harris, Norma J.

2012 Defining Pensacola and Fort Walton Cultures in the Western Panhandle. In *Late Prehistoric Florida: Archaeology at the Edge of the Mississippian World*, edited by Keith Ashley and Nancy Marie White, pp. 275-295. University Press of Florida, Gainesville.

Hoffman, Paul E.

1992 Lúcas Vázquez de Ayllón. In *Columbus and the Land of Ayllón: The Exploration and Settlement of the Southeast*. Jeannine Cook, ed. Pp. 27-49. Lower Altamaha Historical Society, Darien.

1994 Narváez and Cabeza de Vaca in Florida. In *The Forgotten Centuries: Indians and Europeans in the American South, 1521-1704*. Charles M. Hudson and Carmen Chaves Tesser, eds. Pp. 50-73. University of Georgia Press, Athens.

Howard, Clinton N.

1940 *Some Economic Aspects of British West Florida, 1763-1768*. *Journal of Southern History* 6:201-21.

Hudson, Charles, Marvin T. Smith, Chester B. DePratter, and Emilia Kelly

1989 The Tristán de Luna Expedition, 1559-1561. *Southeastern Archaeology* 8(1):31-45.

Johnson, Robert E.

2007 A Cultural Resource Assessment Survey of the Chipola River Club Development Tract, Jackson County, Florida. Report to the Florida Division of Historical Resources, Tallahassee. Florida Archaeological services, Inc., Jacksonville.

Jones, Calvin B. and Louis D. Tessar

- 1998 B. Calvin Jones 1975 Milton Plantation Survey, Marianna, Jackson County, Florida; and, 1998 Updated Report on Lost Data. Florida Department of Historical Resources, Bureau of Archaeological Research, Tallahassee.

Leitman, Hellen M., James Sohm, and Marvin Franklin

- 1983 Wetland Hydrology and Tree Distribution of the Apalachicola River Flood Plain, Florida. United States Geological Survey Water Supply Paper 2196. U.S. Department of the Interior, Washington D.C.

Lloyd, Janet

- 2001 *Laboratory Procedures and Artifact Classification Manual*. Manuscript on file. Archaeology Institute, University of West Florida, Pensacola.

Lyon, Eugene

- 1976 The Enterprise of Florida: Pedro Menéndez de Avilés and the Spanish Conquest of 1565-1568. University of Florida Press, Gainesville.

Mahon, John K. and Brent R. Weisman

- 1996 Florida's Seminole and Miccosukee Peoples. In *The New History of Florida*. M. Gannon, ed. Pp. 183-206. University Press of Florida, Gainesville.

Main, Marin and Allen

2007

Marrinan, Rochelle A. and Nancy Marie White

- 2007 Modeling Fort Walton Culture in Northwest Florida. *Southeastern Archaeology* 26(2):292-318.

McAlister, Lyle N.

- 1984 Spain & Portugal in the New World, 1492-1700. University of Minnesota Press, Minneapolis.

McEwan, Bonnie G., ed.

- 1993 The Spanish Missions of La Florida. University Press of Florida, Gainesville.

McEwan, Bonnie G.

- 1991 San Luis de Talimali: The Archaeology of Spanish-Indian Relations at a Florida Mission. *Historical Archaeology* 25(3):36-60.
2001 The Spiritual Conquest of La Florida. *American Anthropologist* 103(3):633-644.

McGovern, James R., ed.

- 1974 Colonial Pensacola. *The Pensacola Series Commemorating the American Revolution Bicentennial*, Vol. 1, Pensacola.

Mikell, Gregory A.

- 1992 The Fort Walton Mississippian Variant on the Northwest Florida Gulf Coast. *Southeastern Archaeology* 11:51-65
- 2013 Phase I Reconnaissance Survey of the Northwest Florida Water Management District Beaverdam Creek, Altha, & Upper Chipola River Tracts Apalachicola & Chipola River Water Management Areas Calhoun, Jackson & Liberty, Counties, Florida. Report to the Florida Division of Historical Resources. Panamerican Consultants, Inc., Pensacola.

Milanich, Jerald T.

- 1974 Life in a Ninth Century Indian Household: A Weeden Island Fall-Winter Site on the Upper Apalachicola River, Florida. *Bureau of Historic Sites and Properties Bulletin* 4:1-44. Tallahassee.
- 1994 *Archaeology of Precolumbian Florida*. University Press of Florida: Gainesville.
- 1999 *Laboring in the Fields of the Lord: Spanish Missions and Southeastern Indians*. University Press of Florida, Gainesville.
- 2002 Weeden Island Cultures. In *The Woodland Southeast*. David G. Anderson and Robert C. Mainfort, Jr., eds. Pp. 352-372. The University of Alabama Press: Tuscaloosa.
- 2006 *Laboring in the Fields of the Lord: Spanish Missions and Southeastern Indians*. University Press of Florida, Gainesville.

Milanich, Jerald T. and Charles H. Fairbanks

- 1980 *Florida Archaeology*. Academic Press, New York.

Moore, Clarence B.

- 1903 Certain Aboriginal Remains of the Apalachicola River. *Journal of the Academy of Natural Sciences* 12:126-355. Philadelphia.
- 1907 Mounds of the Lower Chattahoochee and Lower Flint Rivers. *Journal of the Academy of Natural Sciences* 13:426-456. Philadelphia.
- 1918 The Northwest Florida Coast Revisited. *Journal of the Academy of Natural Sciences* 16:513-581. Philadelphia.

Moore, Wayne E.

- 1955 Geology of Jackson County, Florida. Bulletin No. 37. Florida Geological Survey, Tallahassee.

Morehead, James R.

- 1996 A Cultural Resources Survey of a Bridge Across the Chipola River on County Route 274 Calhoun County, Florida. Report to the Florida Department of Historical Resources. Prentice Thomas and Associates, Inc.

Neill, Wilfred T.

- 1963 Three New Florida Projectile Point Types, Believed Early. *The Florida Anthropologist* 17:17-32.

Olds, Doris LaVenture

- 1969 *History and Archaeology of Fort Saint Marks in Apalachee*. MS thesis, Florida State University, Tallahassee.

Paisley, Clifton

- 1989 *The Red Hills of Florida, 1528-1865*. University of Alabama Press, Tuscaloosa.

Percy, George W.

- 1976 *Salvage Investigations at the Scholz Steam Plant Site, a Middle Weeden Island Habitation Site in Jackson County, Florida*. Bureau of Historic Sites and Properties Miscellaneous Report Series No. 35. Tallahassee.

Péres, Andrés.

- 1674 Certification, province of Chacatos, June 23, 1674. AGI, SD 235. Translation by Hann in *Florida Archaeology* (1993) 7:75.

Phillips, John C.

- 1994 *Cultural Resource Investigations of the Florida Segment of the Proposed Sunshine Interstate Transmission Company Pipeline Project: Escambia, Santa Rosa, and Okaloosa Counties, Florida*. Archaeology Institute, University of West Florida. Report Submitted to Ecology and Environment, Inc, Tallahassee.

Phillips, John C. and Lee McKenzie

- 1997 *Geographic Information Systems and Cultural Resource Management in Pensacola, Florida*. Report of Investigation 60, Archaeology Institute, University of West Florida, Pensacola.

Price, Sarah E.

- 2014 *Phase I Cultural Resources Assessment for the Spanish Trail Commerce Park, Marianna, Jackson County, Florida*. Report submitted to David H. Melvin, Inc. Consulting Engineers. DHR Project File No. 2014-0275.

Priestly, Herbert Ingram

- 1928 *The Luna Papers: Documents Relating to the Expedition of Don Tristán de Luna y Arellano for the Conquest of La Florida in 1559-1561*. DeLand: Florida State Historical Society.

Puri, Harbans S. and Robery O. Vernon

- 1964 *Summary of the Geology of Florida and a Guide to the Classic Exposures*. Special Publication 5. Florida Geological Survey, Tallahassee.

Rebolledo, Diego de

- 1657 Reply to the Franciscans, August 5, 1657. AGI, Escibanía de Cámara, leg. 155b. Translation by Hann in *Florida Archaeology* no. 2 (1986):111.

Rucker, Brian R.

1990 *Blackwater and Yellow Pine: The Development of Santa Rosa County, 1821-1865*. Ph.D. dissertation, Florida State University.

Scarry, John F.

1985 A Proposed Revision of the Fort Walton Ceramic Typology: A Type-Variety System. *Florida Anthropologist* 38(3):199-233.

Sears, William H.

1967 The Tierra Verde burial mound. *Florida Anthropologist* 20(1-2):25-73.

Sharon, D.W. and T.C. Waton

1971 The Two Egg Quarry Site. *Florida Anthropologist* 24(2):77-80.

Shofner, Jerrell H.

1985 *Jackson County Florida – A History*. The Jackson County Heritage Association, Marianna.

Simpson, J. Clarence

1941 A Report of an Archaeological Investigation at Florida Caverns State Park, Marianna, Florida. Florida Bureau of Archives, Tallahassee. FMSF Report #17235

Stephenson, Keith with Judith A. Bense, and Frankie Snow

2002 Aspects of Deptford and Swift Creek of the South Atlantic and Gulf Coastal Plains. In *The Woodland Southeast*. David G. Anderson and Robert C. Mainfort, Jr., eds. Pp. 318-351. The University of Alabama Press: Tuscaloosa.

Strickland, Jacob T.

2010 Archaeological Monitoring Results/Letter of Transmission Chipola River Greenways Fencing at Hinson property Jackson County, FL. Florida Division of Historical Resources, Bureau of Archaeological Research, Tallahassee (FMSF Report # 17235).

Tebeau, Charlton W. and William Marina

1999 *A History of Florida*, 3rd edition. University of Miami Press, Coral Gables.

Tesar, Louis O.

1980 *Leon County Bicentennial Survey Project: An Archaeological Survey of Selected Portions of Leon County, Floirda*. Miscellaneous Project Report Series 49, Bureau of Historic Sites and Properties, Division of Archives, History and Records Management, Florida Department of State.

1993 "Florida Caverns State Park reconnaissance survey: being an account of brief investigations of six proposed septic tank and drainfield replacement locations, an inquiry concerning the disposition of artifacts previously on display at the park visitor center and reportedly transferred to Tallahassee, the conduct of limited shovel testing at and recording of a previously unrecorded prehistoric cave and rock shelter habitation site

(8JA1555), and the observation of various WPA/CCC historic site features, Jackson County, Florida.” (FMSF Rpt # 3604).

Tesar, Louis D. and Calvin Jones

- 2009 The Waddells Mill Pond Site (8JA65): 1973-1974 Test Excavation Results. Florida Department of State Division of Historical Resources, Bureau of Archaeological Research, Tallahassee.

Thomas, Jr., Prentice M. and L. Janice Campbell

- 1993 *Eglin Air Force Base Historic Preservation Plan, Volumes 1 and 2*. Report of Investigations 192, New World Research, Inc.

Tyler, William D.

- 2008 The Paleo-Indian Chipola: A Site Distribution Analysis and Review of Collector Contributions in the Apalachicola River Valley, Northwest Florida. M.A. Thesis, University of South Florida, Department of Anthropology, Tampa.

Upchurch, Sam B., Richard N. Strom, and Mark G. Nuckels

- 1982 *Methods of Provenance Determination of Florida Cherts*. Report to the Florida Bureau of Historic Sites and Properties, Tallahassee. Department of Geology, University of South Florida, Tampa.

USDA

- 2013 Web Soil Survey. Electronic document, <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>, accessed 12 September 2014.

Vernon, Robert O.

- 1951 Geology of Citrus and Levy Counties, Florida. Geological Bulletin No. 33. Florida Geological Survey, Tallahassee.

Weddle, Robert S.

- 1985 *Spanish Sea: The Gulf of Mexico in North American Discovery, 1500-1685*. Texas A&M University Press, College Station.

Wharton, C. H., H. T. Odum, K. Ewel, M. Duever, A. Lugo, R. Boyt, J. Bartholomew, E. DeBellevue, S. Brown, M. Brown, L. Duever

- 1977 *Forested Wetlands of Florida: Their Management and Use*. University of Florida, Gainesville.

White, Nancy Marie

- 1981 *Archaeological Survey at Lake Seminole*. Archaeological Research Report No. 29. Cleveland Museum of Natural History.
- 1982 The Curlee Site (8JA7) and Fort Walton Development in the Upper Apalachicola-Lower Chattahoochee Valley. Ph.D. dissertation, Department of Anthropology, Case Western Reserve University, Cleveland. University Microfilms International, Ann Arbor.

- 1994 *Archaeological Investigations at Six Sites in the Apalachicola River Valley, Northwest Florida*. National Oceanic and Atmospheric Administration NOAA Technical Memorandum NOS SRD 26. Washington, D.C.
- 1996 Archaeological Investigations of the 1994 Record Flood Impacts in the Apalachicola Valley, Northwest Florida. Report to the Division of Historical Resources, Tallahassee.
- 1999 *Apalachicola valley Remote Areas Archaeological Survey, Northwest Florida*. University of South Florida. Report to the Division of Historical Resources, Florida Department of State, Tallahassee.
- 2000 Prehistoric and Protohistoric Fort Walton at the Thick Greenbriar Site (8JA417), Northwest Florida. *Florida Anthropologist* 53(2-3):204-222.
- 2004 Late Archaic Fisher-Foragers in the Apalachicola-lower Chattahoochee Valley, Northwest Florida – south Georgia/Alabama. In *Signs and Power: the Rise of Cultural Complexity in the Southeast*, edited by P. Carr and Jon Gibson, pp. 10-25. University of Alabama Press, Tuscaloosa.
- 2011 Middle Woodland and Protohistoric Fort Walton at The Lost Chipola Cutoff Mound, Northwest Florida. *The Florida Anthropologist* 64 (3-4):241-73.
- 2014 Woodland and Mississippian in Northwest Florida: Part of the South by Different. In *New Histories of PreColumbian Florida*. Neil Wallis and Asa Randall, eds. Pp. 223-242. University Press of Florida, Gainesville.

White, Nancy M. and Audrey M. Trauner

- 1987 Archaeological Survey of the Chipola River Valley, Northwest Florida. Department of Anthropology, University of South Florida, Tampa.

White, Nancy Marie, with Jeffrey P. Du Vernay, and Amber J. Yuellig

- 2012 Fort Walton Culture in the Apalachicola Valley, Northwest Florida. In *Late Prehistoric Florida: Archaeology at the Edge of the Mississippian World*. University Press of Florida: Gainesville.

Wiley, Gordon R.

- 1949 Archaeology of the Florida Gulf Coast. Smithsonian Miscellaneous Collections, Vol. 113. Smithsonian Institution Press, Washington D.C.

Wiley, Gordon R., and R. B. Woodbury

- 1942 A Chronological Outline for the Northwest Florida Coast. *American Antiquity* 7(3):232-254.

Wisenbaker, Michael and Christina Halperin

- 2002 An Archaeological and Historical Report on Jackson Blue Springs and Merritt's Millpond, Jackson County, Florida. Ms. On file. Florida Master Site File, Florida Division of Historical Resources, Tallahassee.

Wright, J. Leitch, Jr.

- 1986 *Creek and Seminoles: The Destruction and Regeneration of the Muscogulge People*. University of Nebraska Press, Lincoln.

APPENDIX A
MATERIALS RECOVERED

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA467	1025N 950E	1	Hammerstone	Quartzite	1	48.70
8JA467	1025N 950E	2	Indeterminate Faunal Bone		1	0.10
8JA467	1025N 950E	5	Florida Archaic Stemmed Projectile Point/Knife	Coastal Plains Chert	1	17.20
8JA467	1025N 1050E	1	Non Utilized Flake	Coastal Plains Chert	1	2.90
8JA467	1075N 1000E	1	Utilized Flake	Coastal Plains Chert	1	4.30
8JA467	1075N 1000E	2	Paint Stone Chunk		1	16.20
8JA467	1075N 1000E	3	Decortication Flake	Coastal Plains Chert	1	1.40
8JA467	1075N 1000E	4	Lithic Shatter	Coastal Plains Chert	3	1.00
8JA467	1075N 1000E	5	Non Utilized Flake	Coastal Plains Chert	11	3.30
8JA467	1075N 1000E	7	Non Utilized Flake	Sandstone	1	0.30
8JA467	1075N 1000E	8	Fired Clay		--	0.60
8JA467	975N 950E	1	Non Utilized Flake	Coastal Plains Chert	2	0.50
8JA467	1025N 1075E	1	Fired Clay		--	0.30
8JA467	1025N 975E	1	Indeterminate Metal Object		1	0.10
8JA467	1050N 1000E	1	Utilized Flake	Coastal Plains Chert	1	0.91
8JA467	1050N 1000E	2	Spokeshave	Coastal Plains Chert	1	1.50
8JA467	1050N 1000E	3	Lithic Shatter	Coastal Plains Chert	1	1.00
8JA467	1050N 1000E	4	Non Utilized Flake	Coastal Plains Chert	9	7.80
8JA467	1050N 1000E	5	Decortication Flake	Coastal Plains Chert	1	0.80
8JA467	1100N 1000E	1	Non Utilized Flake	Coastal Plains Chert	3	0.70
8JA467	1100N 1000E	3	Decortication Flake	Coastal Plains Chert	1	0.90
8JA467	1050N 987.5E	1	Sand Tempered Check Stamped Vessel Rim Sherd		1	4.20
8JA467	1050N 987.5E	2	Utilized Flake	Coastal Plains Chert	1	0.80
8JA467	1050N 987.5E	3	Non Utilized Flake	Coastal Plains Chert	8	2.10
8JA467	1050N 975E	1	Decortication Flake	Coastal Plains Chert	1	9.70
8JA467	1050N 975E	2	Non Utilized Flake	Coastal Plains Chert	6	1.40

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA467	1050N 1012.5E	1	Lithic Shatter	Coastal Plains Chert	1	1.80
8JA467	1062.5N 1000E	2	Utilized Flake	Coastal Plains Chert	2	29.00
8JA467	1062.5N 1000E	3	Non Utilized Flake	Coastal Plains Chert	3	5.20
8JA467	1062.5N 1000E	4	Decortication Flake	Coastal Plains Chert	1	2.20
8JA467	1062.5N 1000E	5	Lithic Shatter	Coastal Plains Chert	1	0.70
8JA467	1062.5N 1012.5E	1	Non Utilized Flake	Coastal Plains Chert	2	3.00
8JA467	1062.5N 987.5E	1	Utilized Flake	Coastal Plains Chert	1	0.38
8JA467	1062.5N 987.5E	2	Non Utilized Flake	Coastal Plains Chert	2	2.30
8JA467	1075N 987.5E	1	Scraper	Coastal Plains Chert	1	1.80
8JA467	1075N 987.5E	2	Utilized Flake	Coastal Plains Chert	1	5.10
8JA467	1075N 987.5E	3	Non Utilized Flake	Coastal Plains Chert	2	0.20
8JA467	1075N 987.5E	4	Non Utilized Flake	Coastal Plains Chert	1	0.40
8JA467	1075N 1012.5E	2	Non Utilized Flake	Coastal Plains Chert	5	0.50
8JA467	1075N 1012.5E	3	Lithic Shatter	Coastal Plains Chert	3	1.87
8JA467	1087.5N 1000.5E	1	Non Utilized Flake	Coastal Plains Chert	2	1.00
8JA467	1087N 1012.5E	1	Utilized Flake	Coastal Plains Chert	1	3.10
8JA467	1087N 1012.5E	2	Decortication Flake	Coastal Plains Chert	1	0.50
8JA467	1087.5N 987.5E	1	Lithic Shatter	Coastal Plains Chert	1	2.12
8JA467	1087.5N 987.5E	2	Non Utilized Flake	Coastal Plains Chert	2	3.19
8JA467	1112.5N 1000E	1	Sand Tempered Check Stamped Body Sherd		2	7.80
8JA467	1112.5N 1000E	2	Heavy Metal Fence Staples	Iron	4	18.70
8JA467	1112.5N 1000E	3	Metal Rat Trap Spring	Iron	1	5.30
8JA467	1112.5N 1000E	4	Biface Blank	Coastal Plains Chert	2	104.20
8JA467	1112.5N 1000E	5	Non Utilized Flake	Coastal Plains Chert	2	0.50
8JA467	1037.5N 1025E	1	Lithic Shatter	Coastal Plains Chert	1	0.55
8JA467	1037.5N 1025E	2	Non Utilized Flake	Coastal Plains Chert	1	0.10
8JA467	1037.5N 975E	1	Non Utilized Flake	Coastal Plains Chert	3	4.27

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA467	1037.5N 975E	2	Lithic Shatter	Coastal Plains Chert	3	7.72
8JA467	1037.5N 975E	4	Decortication Flake	Coastal Plains Chert	1	1.00
8JA467	1037.5N 1012.5E	1	Non Utilized Flake	Coastal Agate	1	0.30
8JA467	1037.5N 975E	1	Woodland Projectile Point/Knife	Coastal Plains Chert	1	4.20
8JA467	1037.5N 975E	3	Non Utilized Flake	Coastal Plains Chert	4	2.80
8JA467	1037.5N 987.5E	1	Biface Blank	Coastal Plains Chert	1	13.30
8JA467	1037.5N 1000E	1	Non Utilized Flake	Coastal Plains Chert	1	0.40
8JA467	1050N 1025E	1	Non Utilized Flake	Coastal Plains Chert	3	1.36
8JA467	1050N 1025E	2	Lithic Shatter	Coastal Plains Chert	2	1.43
8JA467	Hand Collected	1	Utilized Flake	Coastal Plains Chert	1	1.90
8JA467	Hand Collected	1	Utilized Flake	Coastal Plains Chert	1	1.00
8JA467	1100N 1012.5E	1	Non Utilized Flake	Coastal Plains Chert	4	2.80
8JA467	1037.5N 962.5E	1	Biface Blank	Coastal Plains Chert	1	47.10
8JA467	1037.5N 962.5E	2	Non Utilized Flake	Coastal Plains Chert	1	0.10
8JA467	1078N 1037.5E	1	Utilized Flake	Coastal Plains Chert	2	1.50
8JA467	1078N 1037.5E	3	Decortication Flake	Coastal Plains Chert	1	0.60
8JA467	1062.5N 1062.5E	1	Utilized Flake	Coastal Plains Chert	2	0.55
8JA467	1062.5N 1062.5E	3	Lithic Shatter	Coastal Plains Chert	1	0.20
8JA467	1062.5N 1062.5E	4	Non Utilized Flake	Coastal Plains Chert	4	2.19
8JA467	1062.5N 1062.5E	5	Decortication Flake	Coastal Plains Chert	1	1.10
8JA467	1062.5N 1037.5E	1	Non Utilized Flake	Coastal Plains Chert	2	3.40
8JA467	1012.5N 1025E	1	Utilized Flake	Coastal Plains Chert	1	4.40
8JA467	1012.5N 975E	1	Non Utilized Flake	Coastal Plains Chert	1	0.90
8JA467	1012.5N 987.5E	1	Non Utilized Flake	Coastal Plains Chert	1	0.70
8JA467	1012.5N 987.5E	2	Decortication Flake	Coastal Plains Chert	1	1.50
8JA467	Hand Collected	1	Woodland Projectile Point/Knife	Coastal Plains Chert	1	12.40
8JA467	975N 937.5E	1	Non Utilized Flake	Coastal Plains Chert	1	1.20

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA467	950N 900E	1	Decortication Flake	Coastal Plains Chert	1	0.90
8JA467	1000.5N 953E	1	Non Utilized Flake	Coastal Plains Chert	1	0.10
8JA467	Judgement 2	1	Whiteware Rim Sherd		1	1.30
8JA467	Judgement 3	1	Sand Tempered Plain Sherdlet < 1/2"		1	0.40
8JA467	Judgement 3	2	Non Utilized Flake	Coastal Plains Chert	4	1.10
8JA467	Judgement 3	3	Lithic Shatter	Coastal Plains Chert	1	0.30
8JA467	Judgement 3	4	Indeterminate	Indeterminate	1	0.20
8JA467	Judgement 3	4	Fired Clay		--	0.40
8JA1929	500N 500E	1	Fish Vertebra		1	0.40
8JA1929	490N 500E	1	Brass .22 Cal. Shell Casing		5	3.30
8JA1929	490N 500E	2	Non Utilized Flake	Coastal Plains Chert	1	1.40
8JA1929	480N 500E	1	Lithic Shatter	Coastal Plains Chert	1	1.50
8JA1929	460N 500E	1	Utilized Flake	Coastal Agate	1	0.40
8JA1929	440N 530E	1	Metal Cut Nail	Iron	1	0.80
8JA1929	440N 530E	1	Utilized Flake	Coastal Plains Chert		
8JA1929	430N 494E	1	Sand Tempered Plain Body Sherd		4	8.70
8JA1929	430N 494E	2	Sand Tempered Plain Sherdlet < 1/2"		4	2.60
8JA1929	430N 494E	3	Non Utilized Flake	Coastal Plains Chert	4	3.00
8JA1929	430N 494E	5	Multidirectional Core	Coastal Plains Chert	1	31.90
8JA1929	420N 530E	1	Sand Tempered Plain Sherd		4	11.90
8JA1929	420N 530E	2	Sand Tempered Plain Sherdlet < 1/2"		1	0.40
8JA1929	420N 530E	3	Utilized Flake	Coastal Plains Chert	1	0.90
8JA1929	420N 530E	4	Non Utilized Flake	Coastal Plains Chert	4	3.80
8JA1929	420N 530E	5	Decortication Flake	Coastal Plains Chert	2	10.30

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA1929	450N 500E	1	Utilized Flake	Coastal Plains Chert	1	1.30
8JA1929	460N 490E	1	Sand Tempered Body Sherd	Sand Tempered	2	2.90
8JA1929	460N 490E	2	Non Utilized Flake	Coastal Plains Chert	4	2.50
8JA1929	460N 490E	3	Utilized Flake	Coastal Plains Chert	1	0.50
8JA1929	460N 520E	1	Sand Tempered Plain Sherd		1	9.70
8JA1929	460N 520E	2	Projectile Point/Knife Fragment	Coastal Plains Chert	1	1.70
8JA1929	460N 520E	4	Lithic Shatter	Coastal Plains Chert	6	3.70
8JA1929	460N 520E	6	Non Utilized Flake	Coastal Plains Chert	1	0.20
8JA1929	460N 520E	8	Decortication Flake	Coastal Plains Chert	1	0.40
8JA1929	455N 490.5E	1	Sand Tempered Plain Body Sherd		1	0.80
8JA1929	455N 490.5E	2	Non Utilized Flake	Coastal Plains Chert	3	1.40
8JA1929	460N 530E	1	Indeterminate Light Olive Green Body Glass		2	1.90
8JA1929	460N 530E	2	Indeterminate Sun Purple Body Glass		1	2.20
8JA1929	460N 530E	3	Indeterminate Clear Body Glass		3	1.90
8JA1929	460N 530E	4	Non Utilized Flake	Coastal Plains Chert	4	2.70
8JA1929	460N 530E	5	Lithic Shatter	Coastal Plains Chert	1	0.50
8JA1929	460N 485E	1	Sand Tempered Plain Body Sherd		2	2.00
8JA1929	460N 485E	2	Non Utilized Flake	Coastal Plains Chert	8	4.40
8JA1929	445N 470E	1	Sand Tempered Plain Body Sherd		8	26.30
8JA1929	445N 470E	2	Utilized Flake	Coastal Plains Chert	1	1.70
8JA1929	445N 470E	3	Non Utilized Flake	Coastal Plains Chert	3	1.80
8JA1929	445N 470E	5	Lithic Shatter	Coastal Plains Chert	2	2.80
8JA1929	460N 470E	1	Sand Tempered Plain Body Sherd		1	3.80

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA1929	460N 470E	2	Lithic Shatter	Coastal Plains Chert	1	0.30
8JA1929	460N 470E	3	Non Utilized Flake	Coastal Plains Chert	3	4.70
8JA1929	460N 470E	4	Worked Limestone Cobble	Limestone	1	27.70
8JA1929	445N 490E	1	Swift Creek Complicated Stamped Body Sherd		14	25.00
8JA1929	445N 490E	2	Sand Tempered Indeterminate Stamped Body Sherd		1	5.90
8JA1929	445N 490E	3	Sand Tempered Plain Sherd		5	8.20
8JA1929	445N 490E	4	Utilized Flake	Coastal Plains Chert	1	3.40
8JA1929	445N 490E	7	Non Utilized Flake	Coastal Plains Chert	25	8.60
8JA1929	445N 490E	8	Lithic Shatter	Coastal Plains Chert	4	1.10
8JA1929	445N 490E	11	Decortication Flake	Coastal Plains Chert	2	3.40
8JA1929	445N 490E	12	Groundstone	Quartzite	1	2.70
8JA1929	445N 490E	13	Unmodified Clay		--	7.10
8JA1929	445N 490E	17	Utilized Cobble	Quartzite	1	27.60
8JA1929	465N 490E	1	Sand Tempered Carrabelle Punctated Body Sherd	Sand Tempered	1	3.40
8JA1929	465N 490E	2	Sand Tempered Plain Body Sherd		1	2.80
8JA1929	465N 490E	3	Utilized Flake	Coastal Plains Chert	1	3.40
8JA1929	465N 490E	4	Lithic Shatter	Coastal Plains Chert	2	0.40
8JA1929	465N 490E	6	Non Utilized Flake	Coastal Plains Chert	1	0.20
8JA1929	400N 530E	1	Indeterminate Clear Body Glass		1	0.30
8JA1929	400N 530E	2	Non Utilized Flake	Coastal Plains Chert	4	2.80
8JA1929	400N 530E	5	Lithic Shatter	Coastal Plains Chert	1	2.10
8JA1929	410N 495E	1	Non Utilized Flake	Coastal Plains Chert	4	3.20
8JA1929	410N 495E	2	Lithic Shatter	Coastal Plains Chert	2	0.60
8JA1929	460N 450E	1	Sand Tempered Plain Body Sherd		1	2.20

Site	Shovel Test	Catalog #	Artifact Type	Material Type	Count	Wt(g)
8JA1929	390N 495E	1	Non Utilized Flake	Coastal Plains Chert	2	0.50
8JA1929	430N 474E	1	Sand Tempered Plain Body Sherd		7	9.50
8JA1929	430N 474E	2	Multidirectional Core	Coastal Plains Chert	1	6.10
8JA1929	430N 474E	3	Utilized Flake	Coastal Plains Chert	1	3.60
8JA1929	430N 474E	6	Lithic Shatter	Coastal Plains Chert	1	0.80
8JA1929	430N 474E	7	Non Utilized Flake	Coastal Plains Chert	12	10.00
8JA1929	430N 474E	9	Unmodified Clay		--	8.20
8JA1929	430N 455E	1	Sand Tempered Plain Body Sherd		4	9.90
8JA1929	430N 455E	2	Sand Tempered Plain Sherdlet < 1/2"		2	0.40
8JA1929	430N 455E	3	Non Utilized Flake	Coastal Plains Chert	2	3.10
8JA1929	480N 450E	1	Utilized Flake	Coastal Plains Chert	1	3.90
8JA1929	480N 450E	2	Decortication Flake	Coastal Plains Chert	1	0.50

APPENDIX B
FLORIDA MASTER SITE FILE FORMS

Ent D (FMSF only) _____



Survey Log Sheet

Florida Master Site File
Version 4.1 1/07

Survey # (FMSF only) _____

Consult *Guide to the Survey Log Sheet* for detailed instructions.

Identification and Bibliographic Information

Survey Project (name and project phase) 14H - Hinson Conservation Rec Park & Jackson County Greenway CRAS

Report Title (exactly as on title page) Phase I Cultural Resources Assessment Surveys of the Hinson Conservation and Recreation Park and Jackson County Greenway in Jackson County, Florida

Report Authors (as on title page, last names first) 1. Gregg E. Harding 3. _____
2. Ramie A. Gougeon 4. _____

Publication Date (year) 2021 Total Number of Pages in Report (count text, figures, tables, not site forms) 59

Publication Information (Give series, number in series, publisher and city. For article or chapter, cite page numbers. Use the style of *American Antiquity*.)

Harding and Gougeon 2021 Phase I Cultural Resources Assessment Surveys of the Hinson Conservation & Rec. Park and Jackson Co. Greenway, Jackson Co., Fl. Report of Investigations Number 214, Archaeology Institute, University of West Florida.

Supervisors of Fieldwork (even if same as author) Names Ramie A. Gougeon

Affiliation of Fieldworkers: Organization University of West Florida Archaeological Institute City Pensacola

Key Words/Phrases (Don't use county name, or common words like *archaeology, structure, survey, architecture, etc.*)

1. Hinson Park 3. Jackson Greenway 5. field school 7. _____
2. Alamo Cave 4. Chipola River 6. _____ 8. _____

Survey Sponsors (corporation, government unit, organization or person directly funding fieldwork)

Name University of West Florida Foundation Organization _____

Address/Phone/E-mail _____

Recorder of Log Sheet Ramie A. Gougeon Date Log Sheet Completed 1-26-2021

Is this survey or project a continuation of a previous project? ☒ No ☐ Yes: Previous survey #s (FMSF only) _____

Mapping

Counties (List each one in which field survey was done; attach additional sheet if necessary)

1. Jackson 3. _____ 5. _____
2. _____ 4. _____ 6. _____

USGS 1:24,000 Map Names/Year of Latest Revision (attach additional sheet if necessary)

1. Name MARIANNA Year 1995 4. Name _____ Year _____
2. Name _____ Year _____ 5. Name _____ Year _____
3. Name _____ Year _____ 6. Name _____ Year _____

Description of Survey Area

Dates for Fieldwork: Start 6-2-2014 End 7-8-2014 Total Area Surveyed (fill in one) _____ hectares 18 acres

Number of Distinct Tracts or Areas Surveyed 2

If Corridor (fill in one for each) Width: _____ meters _____ feet Length: _____ kilometers _____ miles

Research and Field Methods

Types of Survey (check all that apply): ☒ archaeological ☐ architectural ☐ historical/archival ☐ underwater
☐ damage assessment ☐ monitoring report ☐ other(describe): _____

Scope/Intensity/Procedures Standard 50-x-50 cm shovel tests excavated to 1 m below surface spaced at 25
and 20 m intervals along transects spaced 25 to 50 m apart.

Preliminary Methods (check as many as apply to the project as a whole)

☐ Florida Archives (Gray Building) ☐ library research- *local public* ☒ local property or tax records ☒ other historic maps
☐ Florida Photo Archives (Gray Building) ☐ library-special collection - *nonlocal* ☐ newspaper files ☒ soils maps or data
☐ Site File property search ☐ Public Lands Survey (maps at DEP) ☒ literature search ☐ windshield survey
☒ Site File survey search ☒ local informant(s) ☐ Sanborn Insurance maps ☒ aerial photography
☐ other (describe): _____

Archaeological Methods (check as many as apply to the project as a whole)

☐ Check here if **NO** archaeological methods were used.
☐ surface collection, controlled ☐ shovel test-other screen size ☐ block excavation (at least 2x2 m)
☒ surface collection, uncontrolled ☐ water screen ☐ soil resistivity
☒ shovel test-1/4" screen ☐ posthole tests ☐ magnetometer
☐ shovel test-1/8" screen ☐ auger tests ☐ side scan sonar
☐ shovel test 1/16" screen ☐ coring ☒ pedestrian survey
☐ shovel test-unscreened ☐ test excavation (at least 1x2 m) ☐ unknown
☐ other (describe): _____

Historical/Architectural Methods (check as many as apply to the project as a whole)

☐ Check here if **NO** historical/architectural methods were used.
☐ building permits ☐ demolition permits ☐ neighbor interview ☐ subdivision maps
☐ commercial permits ☒ exposed ground inspected ☐ occupant interview ☐ tax records
☐ interior documentation ☐ local property records ☐ occupation permits ☐ unknown
☐ other (describe): _____

Survey Results (cultural resources recorded)

Site Significance Evaluated? ☒ Yes ☐ No

Count of Previously Recorded Sites 1 Count of Newly Recorded Sites 1

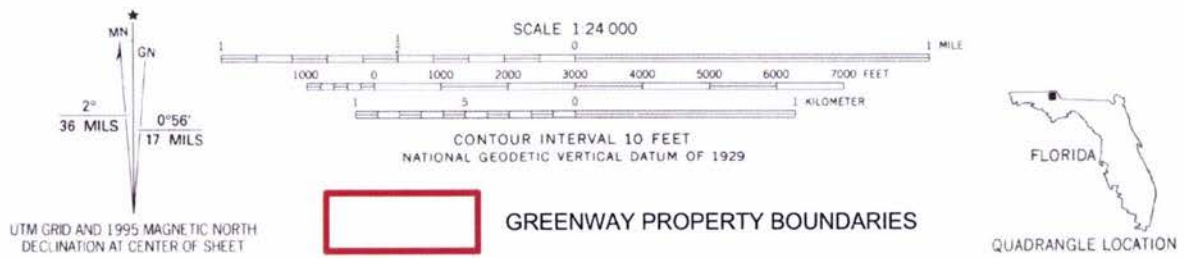
Previously Recorded Site #'s with Site File Update Forms (List site #'s without "8". Attach additional pages if necessary.) JA467

Newly Recorded Site #'s (Are all originals and not updates? List site #'s without "8". Attach additional pages if necessary.) JA1929

Site Forms Used: ☒ Site File Paper Form ☐ Site File Electronic Recording Form

*****REQUIRED: ATTACH PLOT OF SURVEY AREA ON PHOTOCOPY OF USGS 1:24,000 MAP(S)*****

SHPO USE ONLY		SHPO USE ONLY		SHPO USE ONLY	
Origin of Report:	☐ 872 ☐ CARL ☐ UW ☐ 1A32 # _____	☐ Academic	☐ Contract	☐ Avocational	
	☐ Grant Project # _____	☐ Compliance Review: CRAT # _____			
Type of Document:	☐ Archaeological Survey ☐ Historical/Architectural Survey ☐ Marine Survey ☐ Cell Tower CRAS ☐ Monitoring Report ☐ Overview ☐ Excavation Report ☐ Multi-Site Excavation Report ☐ Structure Detailed Report ☐ Library, Hist. or Archival Doc ☐ MPS ☐ MRA ☐ TG ☐ Other: _____				
Document Destination:	_____		Plotability: _____		



☐ Original
☒ Update



ARCHAEOLOGICAL SITE FORM

FLORIDA MASTER SITE FILE

Version 4.0 1/07

Site # JA00467
 Field Date 06/2013
 Form Date 01/2021
 Recorder # _____

Consult Guide to Archaeological Site Form for detailed instructions

Site Name(s) Hinson Tree House Multiple Listing (DHR only) _____
 Project Name 14H Hinson Conservation & Rec Park Survey # (DHR only) _____
 Ownership: ☐ private-profit ☐ private-nonprofit ☐ private-individual ☐ private-nonspecific ☐ city ☒ county ☐ state ☐ federal ☐ Native American ☐ foreign ☐ unknown

LOCATION & MAPPING

USGS 7.5 Map Name MARIANNA USGS Date 1995 Plat or Other Map _____
 City/Town (within 3 miles) Marianna In City Limits? ☐ yes ☐ no ☒ unknown County _____
 Township 4N Range 10W Section 10 1/4 section: ☐ NW ☐ SW ☐ SE ☐ NE Irregular-name: _____
 Township _____ Range _____ Section _____ 1/4 section: ☐ NW ☐ SW ☐ SE ☐ NE
 Landgrant _____ Tax Parcel # _____
 UTM Coordinates: Zone ☒ 16 ☐ 17 Easting 670750 Northing 3403820
 Other Coordinates: X: _____ Y: _____ Coordinate System & Datum _____
 Address / Vicinity / Route to: _____

Name of Public Tract (e.g., park) Hinson Recreation and Conservation Park

TYPE OF SITE (select all that apply)

SETTING		STRUCTURES OR FEATURES			FUNCTION
☒ Land (terrestrial)	☐ Wetland (palustrine)	☐ log boat	☐ fort	☐ road segment	☐ campsite
☐ Lake/Pond (lacustrine)	☐ usually flooded	☐ agric/farm building	☐ midden	☐ shell midden	☐ extractive site
☐ River/Stream/Creek (riverine)	☐ usually dry	☐ burial mound	☐ mill	☐ shell mound	☒ habitation (prehistoric)
☐ Tidal (estuarine)	☐ Cave/Sink (subterranean)	☐ building remains	☐ mission	☐ shipwreck	☐ homestead (historic)
☐ Saltwater (marine)	☐ terrestrial	☐ cemetery/grave	☐ mound, nonspecific	☐ subsurface features	☐ farmstead
	☐ aquatic	☐ dump/refuse	☐ plantation	☐ surface scatter	☐ village (prehistoric)
		☐ earthworks (historic)	☐ platform mound	☐ well	☐ town (historic)
					☐ quarry

Other Features or Functions (Choose from the list or type a response.)
 1. _____ 2. _____

CULTURE PERIODS (select all that apply)

ABORIGINAL				NON-ABORIGINAL
☐ Alachua	☐ Englewood	☐ Manasota	☐ St. Johns (nonspecific)	☐ First Spanish 1513-99
☐ Archaic (nonspecific)	☐ Fort Walton	☐ Mississippian	☐ St. Johns I	☐ First Spanish 1600-99
☐ Archaic, Early	☐ Glades (nonspecific)	☐ Mount Taylor	☐ St. Johns II	☐ First Spanish 1700-1763
☒ Archaic, Middle	☐ Glades I	☐ Norwood	☐ Santa Rosa	☐ First Spanish (nonspecific)
☐ Archaic, Late	☐ Glades II	☐ Orange	☐ Santa Rosa-Swift Creek	☐ British 1763-1783
☐ Belle Glade	☐ Glades III	☐ Paleoindian	☐ Seminole (nonspecific)	☐ Second Spanish 1783-1821
☐ Cades Pond	☐ Hickory Pond	☐ Pensacola	☐ Seminole: Colonization	☐ American Territorial 1821-45
☐ Caloosahatchee	☐ Leon-Jefferson	☐ Perico Island	☐ Seminole: 1st War To 2nd	☐ American Civil War 1861-65
☐ Deptford	☐ Malabar I	☐ Safety Harbor	☐ Seminole: 2nd War To 3rd	☐ American 19th Century
	☐ Malabar II	☐ St. Augustine	☐ Seminole: 3rd War & After	☐ American (nonspecific)
			☒ Prehistoric ceramic	☐ African-American

Other Cultures (Choose from the list or type a response. For historic sites, give specific dates.)
 1. Woodland 3. _____
 2. _____ 4. _____

OPINION OF RESOURCE SIGNIFICANCE

Potentially eligible individually for National Register of Historic Places? ☐ yes ☒ no ☐ insufficient information
 Potentially eligible as contributor to a National Register district? ☐ yes ☐ no ☒ insufficient information
 Explanation of Evaluation (required if evaluated; use separate sheet if needed) Site lacks integrity, having been plowed as an agricultural field in the past. Artifacts are not unique or uniquely concentrated. Research potential is low.
 Recommendations for Owner or SHPO Action No further work recommended.

DHR USE ONLY		OFFICIAL EVALUATION		DHR USE ONLY	
NR List Date _____	SHPO – Appears to meet criteria for NR listing: ☐ yes ☐ no ☐ insufficient info	Date _____	Init. _____		
☐ Owner Objection	KEEPER – Determined eligible: ☐ yes ☐ no	Date _____			
	NR Criteria for Evaluation: ☐ a ☐ b ☐ c ☐ d (see <i>National Register Bulletin</i> 15, p. 2)				

FIELD METHODS (select all that apply)

SITE DETECTION

- ☐ no field check
☐ literature search
☐ informant report
☐ remote sensing
☒ exposed ground
☐ posthole tests
☐ auger tests
☐ unscreened shovel
☐ screened shovel
☒ screened shovel-1/4"
☐ screened shovel-1/8"
☐ screened shovel-1/16"

SITE BOUNDARY

- ☐ bounds unknown
☐ none by recorder
☐ literature search
☐ informant report
☐ remote sensing
☐ exposed ground
☐ posthole tests
☐ auger tests
☐ unscreened shovel
☒ screened shovel
☐ block excavations
☐ estimate or guess

Other methods; number, size, depth, pattern of units; screen size (attach site plan)

SITE DESCRIPTION

Extent Size (m²) 18,615 Depth/stratigraphy of cultural deposit Artifacts recovered between the surface and 84 cms

Temporal Interpretation - Components (check one): ☐ single component ☒ multiple component ☐ uncertain

Describe each occupation in plan (refer to attached large scale map) and stratigraphically. Discuss temporal and functional interpretations:

No clear pattern was evident in the horizontal or vertical distribution of artifacts from each component. Site has been plowed and is likely deflated as well.

Integrity - Overall disturbance: ☐ none seen ☐ minor ☒ substantial ☐ major ☐ redeposited ☐ destroyed-document! ☐ unknown

Disturbances / threats / protective measures Plowing in past; now mowed and kept under grass

Surface collection: area collected _____ m² # collection units _____ Excavation: # noncontiguous blocks _____

ARTIFACTS

Total Artifacts # 160 ☐ count ☒ estimate

Surface # _____ Subsurface # _____

COLLECTION SELECTIVITY

- ☐ unknown ☒ unselective (all artifacts)
☐ selective (some artifacts)
☐ mixed selectivity

SPATIAL CONTROL

- ☐ uncollected ☒ general (not by subarea)
☐ unknown ☐ controlled (by subarea)
☐ variable spatial control
☐ other (describe in comments below)

Artifact Comments _____

ARTIFACT CATEGORIES and DISPOSITIONS

- A - Aboriginal ceramics
A - Lithics

select a disposition from the list below for each artifact category selected at left

- A - category always collected
 S - some items in category collected
 O - observed first hand, but not collected
 R - collected and subsequently left at site
 I - informant reported category present
 U - unknown

DIAGNOSTICS (type or mode, and frequency: e.g., Suwanee ppk, heat-treated chert, Deptford Check-stamped, ironstone/whiteware)

- | | | | | | |
|--------------------------------|-------------|----------|----------|----------|----------|
| 1. <u>Woodland pp/k</u> | N= <u>1</u> | 4. _____ | N= _____ | 7. _____ | N= _____ |
| 2. <u>Florida Archaic pp/k</u> | N= <u>1</u> | 5. _____ | N= _____ | 8. _____ | N= _____ |
| 3. _____ | N= _____ | 6. _____ | N= _____ | 9. _____ | N= _____ |

ENVIRONMENT

Nearest fresh water: Type River Name Chipola Distance from site (m) 100
 Natural community UPLAND HARDWOODS Topography Ridge slope Elevation: Min _____ m Max 15 m
 Local vegetation grasses
 Present land use parkland
 SCS soil series Faceville loamy sand/Albany sand Soil association Yonges Herod

DOCUMENTATION

Accessible Documentation Not Filed with the Site File - including field notes, analysis notes, photos, plans and other important documents

- 1) Document type All materials at one location Maintaining organization University of West Florida Archaeological Institute
 Document description _____ File or accession #'s 14H
 2) Document type _____ Maintaining organization _____
 Document description _____ File or accession #'s _____

RECORDER & INFORMANT INFORMATION

Informant Information: Name _____

Address / Phone / E-mail _____

Recorder Information: Name Ramie A. Gougeon Affiliation University of West Florida

Address / Phone / E-mail 11000 Univ. Pkwy; UWF; Pensacola FL 32514 / 850.474.2831 / rgougeon@uwf.edu

Required Attachments

- 1 PHOTOCOPY OF 7.5' USGS QUAD MAP WITH SITE BOUNDARIES MARKED and SITE PLAN**
 Plan at 1:3,600 or larger. Show boundaries, scale, north arrow, test/collection units, landmarks and date.



Shovel Test

- Positive
- Negative
- Site Boundary

0 20 40 80 120 160
Meters

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.



ARCHAEOLOGICAL SITE FORM

FLORIDA MASTER SITE FILE

Version 4.0 1/07

Site #8 JA01929
 Field Date 07/2014
 Form Date 01/2021
 Recorder # _____

Consult Guide to Archaeological Site Form for detailed instructions

Site Name(s) Hollow Ridge Multiple Listing (DHR only) _____
 Project Name 14H Hinson Conservation & Rec Park Survey # (DHR only) _____
 Ownership: ☐ private-profit ☐ private-nonprofit ☐ private-individual ☐ private-nonspecific ☐ city ☒ county ☐ state ☐ federal ☐ Native American ☐ foreign ☐ unknown

LOCATION & MAPPING

USGS 7.5 Map Name MARIANNA USGS Date 1995 Plat or Other Map _____
 City/Town (within 3 miles) Marianna In City Limits? ☐ yes ☐ no ☒ unknown County _____
 Township 4N Range 10W Section 2 1/4 section: ☐ NW ☐ SW ☐ SE ☐ NE Irregular-name: _____
 Township _____ Range _____ Section _____ 1/4 section: ☐ NW ☐ SW ☐ SE ☐ NE
 Landgrant _____ Tax Parcel # _____
 UTM Coordinates: Zone ☒ 16 ☐ 17 Easting 671750 Northing 3406644
 Other Coordinates: X: _____ Y: _____ Coordinate System & Datum _____
 Address / Vicinity / Route to: Adjacent to Hollow Ridge (Southeastern Cave Conservancy protected)
 Name of Public Tract (e.g., park) Jackson County Greenway

TYPE OF SITE (select all that apply)

SETTING ☒ Land (terrestrial) ☐ Lake/Pond (lacustrine) ☐ River/Stream/Creek (riverine) ☐ Tidal (estuarine) ☐ Saltwater (marine) ☐ Wetland (palustrine) ☐ usually flooded ☐ usually dry ☐ Cave/Sink (subterranean) ☐ terrestrial ☐ aquatic	STRUCTURES OR FEATURES ☐ log boat ☐ agric/farm building ☐ burial mound ☐ building remains ☐ cemetery/grave ☐ dump/refuse ☐ earthworks (historic) ☐ fort ☐ midden ☐ mill ☐ mission ☐ mound, nonspecific ☐ plantation ☐ platform mound ☐ road segment ☐ shell midden ☐ shell mound ☐ shipwreck ☐ subsurface features ☐ surface scatter ☐ well	FUNCTION ☐ campsite ☐ extractive site ☒ habitation (prehistoric) ☐ homestead (historic) ☐ farmstead ☐ village (prehistoric) ☐ town (historic) ☐ quarry
--	--	--

Other Features or Functions (Choose from the list or type a response.)
 1. _____ 2. _____

CULTURE PERIODS (select all that apply)

ABORIGINAL ☐ Alachua ☐ Archaic (nonspecific) ☐ Archaic, Early ☐ Archaic, Middle ☐ Archaic, Late ☐ Belle Glade ☐ Cades Pond ☐ Caloosahatchee ☐ Deptford ☐ Englewood ☐ Fort Walton ☐ Glades (nonspecific) ☐ Glades I ☐ Glades II ☐ Glades III ☐ Hickory Pond ☐ Leon-Jefferson ☐ Malabar I ☐ Malabar II	☐ Manasota ☐ Mississippian ☐ Mount Taylor ☐ Norwood ☐ Orange ☐ Paleoindian ☐ Pensacola ☐ Perico Island ☐ Safety Harbor ☐ St. Augustine ☐ St. Johns (nonspecific) ☐ St. Johns I ☐ St. Johns II ☐ Santa Rosa ☐ Santa Rosa-Swift Creek ☐ Seminole (nonspecific) ☐ Seminole: Colonization ☐ Seminole: 1st War To 2nd ☐ Seminole: 2nd War To 3rd ☐ Seminole: 3rd War & After	☒ Swift Creek (nonspecific) ☐ Swift Creek, Early ☐ Swift Creek, Late ☐ Transitional ☐ Weeden Island (nonspecific) ☐ Weeden Island I ☐ Weeden Island II ☐ Prehistoric (nonspecific) ☐ Prehistoric non-ceramic ☐ Prehistoric ceramic
---	--	--

Other Cultures (Choose from the list or type a response. For historic sites, give specific dates.)
 1. Middle Woodland 3. _____
 2. Late Woodland 4. _____

OPINION OF RESOURCE SIGNIFICANCE

Potentially eligible individually for National Register of Historic Places? ☐ yes ☒ no ☐ insufficient information
 Potentially eligible as contributor to a National Register district? ☐ yes ☐ no ☒ insufficient information
 Explanation of Evaluation (required if evaluated; use separate sheet if needed) Site lacks integrity due to degree of erosion of the site; site has low research potential
 Recommendations for Owner or SHPO Action no additional work recommended

DHR USE ONLY	OFFICIAL EVALUATION	DHR USE ONLY
NR List Date _____ ☐ Owner Objection	SHPO – Appears to meet criteria for NR listing: ☐ yes ☐ no ☐ insufficient info KEEPER – Determined eligible: ☐ yes ☐ no NR Criteria for Evaluation: ☐ a ☐ b ☐ c ☐ d (see <i>National Register Bulletin</i> 15, p. 2)	Date _____ Init. _____ Date _____

FIELD METHODS (select all that apply)

SITE DETECTION

- ☐ no field check
☐ literature search
☐ informant report
☐ remote sensing
- ☒ exposed ground
☐ posthole tests
☐ auger tests
☐ unscreened shovel

- ☐ screened shovel
☒ screened shovel-1/4"
☐ screened shovel-1/8"
☐ screened shovel-1/16"

- ☒ bounds unknown
☐ none by recorder
☐ literature search
☐ informant report

SITE BOUNDARY

- ☐ remote sensing
☐ exposed ground
☐ posthole tests
☐ auger tests
- ☐ unscreened shovel
☒ screened shovel
☐ block excavations
☐ estimate or guess

Other methods; number, size, depth, pattern of units; screen size (attach site plan) Site likely extends beyond project area to the east and south

SITE DESCRIPTION

Extent Size (m²) 10,117 Depth/stratigraphy of cultural deposit Cultural materials recovered from surface to 100 cmbs

Temporal Interpretation - Components (check one): ☐ single component ☒ multiple component ☐ uncertain

Describe each occupation in plan (refer to attached large scale map) and stratigraphically. Discuss temporal and functional interpretations:

No clear pattern was evident in the horizontal or vertical distribution of artifacts from each component.

Integrity - Overall disturbance: ☐ none seen ☐ minor ☒ substantial ☐ major ☐ redeposited ☐ destroyed-document! ☐ unknown

Disturbances / threats / protective measures Surface erosion in past

Surface collection: area collected _____ m² # collection units _____ Excavation: # noncontiguous blocks _____

ARTIFACTS

Total Artifacts # 205 ☐ count ☒ estimate

Surface # _____ Subsurface # _____

COLLECTION SELECTIVITY

- ☐ unknown ☒ unselective (all artifacts)
☐ selective (some artifacts)
☐ mixed selectivity

SPATIAL CONTROL

- ☐ uncollected ☒ general (not by subarea)
☐ unknown ☐ controlled (by subarea)
☐ variable spatial control
☐ other (describe in comments below)

Artifact Comments _____

ARTIFACT CATEGORIES and DISPOSITIONS

A - Aboriginal ceramics

A - Lithics

select a disposition from the list below for each artifact category selected at left

A - category always collected
 S - some items in category collected
 O - observed first hand, but not collected
 R - collected and subsequently left at site
 I - informant reported category present
 U - unknown

DIAGNOSTICS (type or mode, and frequency: e.g., *Suwanee ppk, heat-treated chert, Deptford Check-stamped, ironstone/whiteware*)

- | | | | | | |
|-----------------------------|----------|----------|----------|----------|----------|
| 1. Swift Creek comp stamped | N= 14 | 4. _____ | N= _____ | 7. _____ | N= _____ |
| 2. Carabelle punctated | N= 1 | 5. _____ | N= _____ | 8. _____ | N= _____ |
| 3. _____ | N= _____ | 6. _____ | N= _____ | 9. _____ | N= _____ |

ENVIRONMENT

Nearest fresh water: Type River Name Chipola Distance from site (m) 500

Natural community UPLAND HARDWOODS Topography Ridge slope Elevation: Min _____ m Max 25 m

Local vegetation Mixed secondary growth

Present land use slated for inclusion in county greenway

SCS soil series Yonges-Herod Soil association Faceville loam, Oktibbeha variant

DOCUMENTATION

Accessible Documentation Not Filed with the Site File - including field notes, analysis notes, photos, plans and other important documents

- | | |
|---|---|
| 1) Document type <u>All materials at one location</u> | Maintaining organization <u>University of West Florida Archaeological Institute</u> |
| Document description _____ | File or accession #'s <u>14H</u> |
| 2) Document type _____ | Maintaining organization _____ |
| Document description _____ | File or accession #'s _____ |

RECORDER & INFORMANT INFORMATION

Informant Information: Name _____

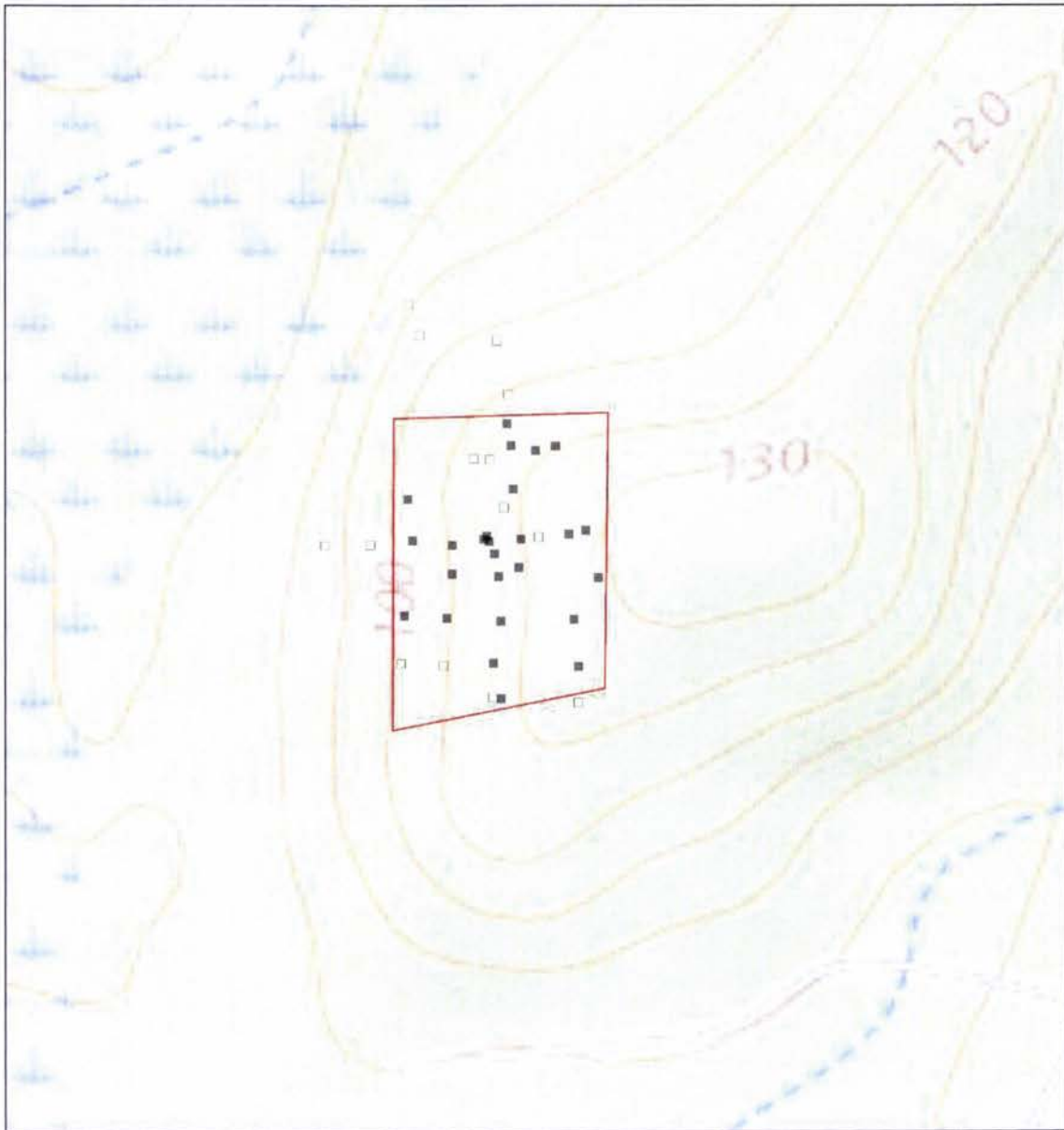
Address / Phone / E-mail _____

Recorder Information: Name Ramie A. Gougeon Affiliation University of West Florida

Address / Phone / E-mail 11000 Univ. Pkwy; UWF; Pensacola FL 32514 / 850.474.2831 / rgougeon@uwf.edu

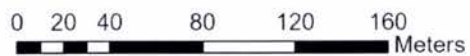
**Required
Attachments**

① PHOTOCOPY OF 7.5' USGS QUAD MAP WITH SITE BOUNDARIES MARKED and SITE PLAN
 Plan at 1:3,600 or larger. Show boundaries, scale, north arrow, test/collection units, landmarks and date.



Shovel Tests

- Negative
- Positive
- Site Boundary



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed May, 2020.

Exhibit 4

Kay Dennis

From: Kay Dennis <planning@cityofmarianna.com>
Sent: Thursday, March 25, 2010 4:23 PM
To: 'mosler'
Subject: RE: Hinson Property

Tracking:	Recipient	Read
	'mosler'	Read: 3/25/2010 4:26 PM

That will be great! Thank you for the update.

From: mosler [mailto:moslera@bellsouth.net]
Sent: Thursday, March 25, 2010 3:00 PM
To: Kay Dennis
Subject: Hinson Property

Kay,

We surveyed Alamo cave last Sunday and located 2 other caves.
The cave north of the cabin was filled with water so we will need to wait when the river is down to survey it.
Alamo cave is one large room 50' x 40' x 10' with 2 entrances. This is the cave close to the boat ramp.
There was one bat I believe was an evening bat.
One Slimy salamander with a short tail was observed.
One fossil horse tooth was looked at and returned to a side passage.

We saw Trilliums, Violets, May Apples and maybe some Green Eyed Orchids.
I will write a more complete report when we are finished with the survey.
Our next trip will possibly be on April 3 to look for more wildflowers, if that is ok.

Allen Mosler

Appendix D



CITY OF MARIANNA
MUNICIPAL DEVELOPMENT DEPARTMENT
Post Office Box 936
Marianna, FL 32446
(850) 482-2786

May 24, 2021

RE: Comprehensive Plan Compliance Chipola River Greenways

To Whom It May Concern:

City of Marianna planning staff has reviewed the proposed Chipola River Greenways Land Management Plan for compliance with the City of Marianna Comprehensive Plan. As the duly appointed Municipal Development Department Director for the City of Marianna, my findings follow.

Marianna Comprehensive Plan, Future Land Use Element, Objective 1:15 and Policy 1.15.3 encourages establishing a balance between economic development, environmental protection and community redevelopment/revitalization, especially with updates to the Chipola River Greenway Plan. In addition, the Chipola River Greenways Land Management Plan includes opportunities for expansion of existing hiking, biking, and paddling (***Marianna Comprehensive Plan, Future Land Use Element, Goal 1.16, and Recreation and Open Space Element, Policies 6.5.1 and 6.5.2***). By planning, encouraging and making improvements to the Chipola River Greenway, the City is able to enhance and maintain small-town character and charm as specified in ***Marianna Comprehensive Plan, future Land Use Element, Objective 1.17 and Policy 1.17.3***. The Chipola River Greenway Land Management Plan protects sensitive habitats, soils, floodplains, and the riverine shore line, which promotes the goals, objectives and policies of ***Marianna Comprehensive Plan, Conservation Element***. The Chipola River Greenway Land Management Plan provides opportunities for land acquisition and connectivity (***Marianna Comprehensive Plan, Recreation and Open Space Element, Objective 6.5***). Finally, needs mentioned in the Chipola River Greenway Land Management Plan are also listed in the ***Marianna Comprehensive Plan, Capital Improvement Element***.

The proposed Chipola River Greenway Land Management Plan is consistent with the City's Comprehensive Plan. Feel free to contact me if you have any questions or need additional information.

Respectfully,

Kay Dennis, AICP
Director

Policy 1.13.1: The City shall use the "Jackson County Survey of Historically Significant Sites" to identify areas which contain historic resources. Such areas shall be designated as "Historic Special Treatment Areas" on the Future Land Use Map.

Policy 1.13.2: Type and extent of historic resources within the "Historic Special Treatment Area" shall be evaluated as part of the development review process. Developers of such areas shall be subject to plan or site modifications to conserve historic features.

GOAL: **Promote a balanced economic environment which provides economic stability, maximizes job opportunities, encourages new business, and increases per capita income.**

Objective 1.14: The City shall attempt to increase the number of new businesses and available jobs over the next planning period.

Policy 1.14.1: The City shall continue efforts to achieve a broad employment base including a cross-section of service, construction, professional and industrial jobs.

Policy 1.14.2: Specific emphasis will be placed on attracting new business and job opportunities to the Industrial Park.

Policy 1.14.3: The City shall capitalize on its proximity to I-10 and rail lines to attract wholesale and distribution employment opportunities.

Policy 1.14.4: The City shall continue coordination with the Chamber of Commerce, the Jackson County Development Council, and the Apalachee Regional Planning Council to provide incentives for new business.

Policy 1.14.5: The City may waive certain fees, charges, or regulatory requirements to encourage the location of new business in targeted redevelopment areas.

Policy 1.14.6: The City shall continue to make sufficient land available on the Future Land Use Map to accommodate new business.

Objective 1.15: Establish a balance between economic development, environmental protection, and community redevelopment/revitalization.

Policy 1.15.1: The City will include an "Economic Development Element" in this Plan. The City will request assistance from the Department of Commerce toward preparation of this new Element.

Policy 1.15.2: Economic development shall be considered a priority of the City. As such, the City may authorize waivers or variances to this Plan and attendant Land Development Regulations if such actions promote Objectives 1.14 and 1.15. Any such waiver or variance must be consistent with the provisions of this Plan and provide for protection of environmental resources.

Policy 1.15.3: The City shall work towards creating a Chipola River Greenway Plan by 2018. The plan shall include strategies to link economic development opportunities with the greenway.

GOAL: The City of Marianna recognizes the need for a community to be a sustainable one. Initiatives must be taken in order to ensure an adequate quality-of-life for future generations and to protect existing environmentally-sensitive and significant lands from harmful development. Therefore, in order to promote energy-efficient land use patterns, ensure a more walkable community, and limit greenhouse gases, the City shall encourage the use of recognized “green” development practices and smart-growth techniques, such as: bicycle and pedestrian-oriented communities, mixed-use developments, and creative site and building design.

Objective 1.16: As walkable-communities promote healthier and active lifestyles through the built environment, and improve the environment through reduced dependency on the automobile; the City shall encourage the development and preservation of neighborhoods and commercial centers that ensures a balanced mix of uses and promotes the use of alternative modes of transportation in lieu of personal automobile-based travel.

Policy 1.16.1: Development shall be encouraged along transportation corridors and in business, civic, and cultural centers. Development shall be encouraged in the following locations:

1. Remediated brownfield sites;
2. Infill sites with appropriate density;
3. Sites within the urbanized area; and
4. Sites with reuse of existing structure.

Policy 1.16.2: Development that incorporates the principles of traditional city design shall be encouraged. These principles include:

1. A mix of land uses that integrate a variety of uses;
2. Development with retail on the first floor;
3. Development that includes greenspace; and
4. Development that incorporates intra-modal transportation-connecting bicycle, pedestrian, and transit facilities.

Policy 1.16.3: The City will encourage high-density, mixed-use, infill development and creative use of brownfield, under-utilized and/or defunct properties within the urban core.

Policy 1.16.4: Promote development and preservation of neighborhood characteristics that encourage walking and bicycle riding in lieu of automobile-based travel.

Policy 1.16.5: Developments shall be encouraged to include continuous sidewalks with shade trees and landscape strips to separate pedestrians from traffic.

- Policy 1.16.6: The City shall encourage community walkability through progressive site design:
1. Design streetscapes that provide buffers between moving traffic and pedestrians to increase pedestrian comfort;
 2. Encourage the locating of buildings towards the street, with the primary entrances as pedestrian entrances;
 3. Discourage the placement of parking lots between buildings and the street; and
 4. Develop flexible parking strategies in neighborhood activity centers where alternative modes of transportation are available.
- Objective 1.17:** Enhance and maintain the small-town character and charm of Marianna, particularly in the downtown area, through the implementation of the policies below.
- Policy 1.17.1: Develop strategies in conjunction with the Main Street Marianna program in order to implement the Strategic Plan.
- Policy 1.17.2: Encourage a broad mix of uses to promote a downtown where business, residential, and cultural uses are in close proximity to one another.
- Policy 1.17.3: The City shall encourage development that is
- a. Pedestrian friendly;
 - b. Maintains and enhances access to public owned property such as parks, greenways, and trails;
 - c. Compliments the unique character of downtown;
 - d. Encourages the rehabilitation and reuse of historic structures;
 - e. And compliments and adds to the existing network of parks and greenspace
- Policy 1.17.4: The City shall restrict proposed development which is inconsistent with the small town character and charm of the community.
- Objective 1.18:** The City shall encourage environmentally sound energy conservation and greenhouse gas (GHG) reduction strategies through the Comprehensive Plan and Land Development Regulations.
- Policy 1.18.1: The City shall support county, regional and state initiatives to utilize renewable energy sources as a part of an economic development effort.
- Policy 1.18.2: The City shall continue to encourage locally-produced food products as a way to reduce vehicle miles traveled in the distribution and in the purchase of such products by providing opportunities for the sale of such goods, such as farmers' markets.
- Policy 1.18.3: The City's development review policies and procedures shall continue to integrate land use and transportation planning so that land development patterns support mobility choices and reduced trip lengths.

Policy 1.18.4:

The City will encourage energy conservation by supporting alternative energy resources including biofuel, solar and wind and ensure that Land Development Regulations do not prohibit their use.

SECTION 5. CONSERVATION ELEMENT

GOAL: Provide the circumstances necessary for the conservation, protection, and use of natural resources.

Objective 5.1: Continue to maintain air quality at existing levels or as consistent with Chapter 62-204, Florida Administrative Code.

Policy 5.1.1: The City shall continue to prohibit development which causes degradation of air quality below existing levels or established State standards (Chapter 62-204, Florida Administrative Code).

Policy 5.1.2: The City shall decrease air pollution from auto emissions by maintaining established level of service standards and through provision of non-automotive vehicular and pedestrian facilities.

Objective 5.2: Identify, and provide reasonable conservation measures consistent with private property rights, for locally significant environmental resources.

Policy 5.2.1: Locally significant environmental resources are as follows:

1. Soils;
2. Wetlands;
3. Flood Zones;
4. Chipola River;
5. Aquifer Recharge Areas;
6. Natural Vegetation;
7. Wildlife Habitat; and,

Policy 5.2.2: Environmentally sensitive resources which shall be shown as "Conservation" on the Future Land Use Map are as follows:

1. Chipola River;
2. Wetlands;
3. Flood Zones; and
4. Soils with severe limitations to development.

Policy 5.2.3: The City shall provide detailed and specific requirements for the protection of environmentally significant and sensitive resources based upon the following criteria and standards. The provision of central sewer services shall not provide justification for any increase in allowable densities or intensities for development within the Conservation land use category above those limits specified in this policy. Residential density shall be no greater than one (1) dwelling unit per acre.

1. *Soils* - All grading, filling, excavation, storage or disposal of soil and earth materials associated with development activities shall be undertaken so as to reduce the potential for soil erosion and sedimentation of water bodies or drainageways. Erosion control measures shall be required for all such activities.

As part of the development review process required pursuant to Future Land Use Element Policy 1.5.2 of this Plan, a developer shall include an "Erosion and Sediment Control Plan". Such plan shall include:

1. Calculations of maximum runoff based on the 25-year, 24-hour storm event;
2. A description of, and specifications for, sediment retention devices;
3. A description of, and specifications for, surface runoff and erosion control devices;
4. A description of vegetative measures;

5.
(4) in this paragraph.

A map showing the location of all items listed in (1) through

A developer may propose the use of any erosion and sediment control techniques provided such techniques represent best management practices, and are certified by a registered professional engineer.

Once development activity begins, the developer shall maintain in good order all erosion and sediment control measures specified in the "Erosion and Sediment Control Plan" regardless of whether the development project is completed or not.

No development which will use a septic tank shall be permitted in areas with severe soils limitations on septic tanks until such time as a permit is obtained by the developer pursuant to Chapter 10D-6, Florida Administrative Code.

2. *Wetlands* - Most wetlands constitute a productive and valuable public resource, the unnecessary alteration or destruction of which should be considered contrary to the public interest. As such, the following procedures and restrictions shall apply to development activities in wetlands identified by the City.

1) *Identification* - The City shall identify those areas which exhibit physical features indicative of wetlands and shall depict such areas on a wetlands inventory map. Wetland areas shown on the wetlands inventory map shall be subject to the restrictions set forth in paragraph (b) unless the developer(s) of such areas can satisfactorily demonstrate to the City that wetlands do not exist on the site. In the identification of wetland areas, the City and the developer shall use guidelines set forth in the "Federal Manual for Identifying and Delineating Jurisdictional Wetlands," January, 1989 and the definition of "wetland" set forth in the definitions section of this Plan.

2) *Development Restrictions* - The following restrictions shall apply to development activities in wetlands identified pursuant to paragraph (a), and in wetland areas identified by jurisdictional interpretation through FDEP or the Army Corps of Engineers.

(i) Use of fill, by dredging or any other means, is prohibited.

1. Buildings or structures may be constructed on piles, posts or piers in wetlands provided:

- There are no upland areas suitable for development after wetlands have been delineated;
- The building or structure is constructed so as to allow for the continuation of natural functions such as drainage patterns, sedimentation patterns, and natural flushing characteristics;
- The elevation of the lowest habitable floor is at least one (1) foot above the base flood elevation;
- All development activity is confined to the land area upon which the building is located ("building footprint"); and,
- Development is undertaken in a manner so as to preserve wetlands on the building site.

(ii) All required permits must be obtained from the FDEP or Army Corps of Engineers, as applicable.

1. Residential density shall not exceed one (1) dwelling unit per five (5) acres.
2. Lot coverage shall be no greater than thirty percent (30%) of the wetland area.

3. A buffer of natural vegetation at least ten (10) feet in width shall be maintained between delineated wetlands and any upland development.
 4. Development shall be clustered on upland areas of the development site and shall be eligible for density or intensity bonuses as specified in the Land Development Regulations.
 - (iii) Structures used for public utilities or other public purpose may be located in wetland areas provided that disturbance of the wetland is limited to the immediate area necessary to locate such structure.
3. *Flood Zones* - All development activity undertaken within designated A-zones as shown on the official Flood Insurance Rate Map for Marianna, Florida published by the Federal Emergency Management Agency shall be subject to the restrictions and standards of the City's Flood Damage Prevention Ordinance (Ordinance No. 731). Insofar as all requirements of this Ordinance are met, no additional development restrictions shall apply except for the Chipola River floodplain as described in paragraph 4.
4. *Chipola River*
 - 1) As an "Outstanding Florida Water", the Chipola River shall be subject to the requirements of Section 17-4.242, Florida Administrative Code.
 - 2) For development adjacent to the riverine shoreline, all vegetation shall be preserved except for that which must be removed to provide access and to provide a building site. Any vegetation removed shall be limited to the immediate area necessary to locate such buildings ("building footprint").
 - 3) No development activity shall be permitted which can reasonably be expected to damage or destroy the natural functions and values of the riverine system.
 - 4) All septic tanks shall be located no closer than one hundred (100) feet from the ordinary high water line.

- 5) No hazardous material or waste shall be stored or located within five hundred (500) feet of the ordinary high water line.
- 6) Development in the floodplain shall be restricted to conservation, recreation, residential, or public purposes only; except that commercial land uses may be allowed adjacent to US Highway 90 provided that lot coverage is limited to no more than fifty percent (50%) of the total lot or parcel.

5. *Aquifer Recharge Areas*

- 1) The City shall restrict lot coverage to thirty percent (30%) of the lot or parcel to be developed in identified aquifer recharge areas.
- 2) All stormwater detention or retention structures shall be constructed so as to comply with minimum groundwater criteria specified in Chapter 62-302, Florida Administrative Code.
- 3) A minimum ten (10) foot vegetated buffer shall be required between habitable structures and identified aquifer recharge areas.
- 4) The development of public or private facilities which have the potential to discharge pollutants or otherwise contaminate the surface or deep aquifer shall be prohibited in identified aquifer recharge areas, unless the developer can provide assurances that reasonable measures will be undertaken to prevent aquifer contamination.

6. *Natural Vegetation* - The City will preserve natural vegetation as buffers described in Conservation Element Policy 5.4.1. In addition, the City shall provide for protection of trees in its Land Development Regulations which will indicate type, size, replacement and removal requirements for protected trees.

7. *Wildlife Habitat* - Development shall not be permitted which will significantly damage or destroy the habitat of species listed as endangered or threatened as specified in the "Official Lists of Endangered Fauna and Flora in Florida", published by the Florida Game and Fresh Water Fish Commission.

The developer of any areas identified as containing wildlife habitat shall be responsible for the conduct of an analysis to determine

the value and extent of such habitat. This habitat analysis shall form the basis of habitat conservation and preservation measures to be established either as a condition of development approval or in an enforceable development agreement pursuant to Section 163.3220, Florida Statutes.

- Objective 5.3:** The City shall continue to protect the quality and quantity of water sources.
- Policy 5.3.1: The City shall continue to make improvements in its water system as needed to ensure that potable water is being distributed in an efficient manner and to reduce the potential for possible contamination.
- Policy 5.3.2: The City shall continue to identify possible stormwater pollution sources into surface water bodies and shall undertake measures to reduce pollutant loads consistent with Chapter 62-346, Florida Administrative Code.
- Policy 5.3.3: The City shall continue to reserve approval of development permits until stormwater discharge permits are obtained by developers pursuant to Chapter 62-346, Florida Administrative Code.
- Policy 5.3.4: The City shall continue to evaluate the available quantity of water on an annual basis so as to provide potable water based on current needs and projected demand.
- Policy 5.3.5: The City shall continue to cooperate with, and assist in the implementation of the *Water Shortage Plan* (January 1984, Revised 1985) of the NFWFMD should a water conservation emergency arise.
- Policy 5.3.6: The City shall continue to require installation of water-conservation plumbing fixtures as part of any new development pursuant to Section 553.14, Florida Statutes.
- Policy 5.3.7: The City shall continue to protect the water quality of water bodies within the City by including requirements for treatment of stormwater, requiring buffers or setbacks in areas adjacent to surface waters, drainageways, or wetlands and other similar provisions to be included in the Land

Development Regulations as specified in Conservation Element Policy 5.2.3.

Objective 5.4: The City shall protect and conserve identified vegetative communities through restrictions on development and the implementation of conservation practices.

Policy 5.4.1: The City shall continue to protect native vegetation and mature hardwoods through requirements in the Land Development Regulations.

Policy 5.4.2: Within areas containing identified vegetative communities, lot coverage may be limited along with residential density.

Policy 5.4.3: The City shall cooperate with Jackson County to protect vegetative communities located within more than one jurisdiction through application of provisions within the Land Development Regulations.

Objective 5.5: Continue to implement procedures to reduce soil erosion and reduce sedimentation into water bodies.

Policy 5.5.1: The City shall identify in its Land Development Regulations specific standards for soil conservation, in coordination with the Soil and Water Conservation District and as specified in Conservation Element Policy 5.2.3.

Policy 5.5.2: At a minimum, land clearing or development activities which cause direct soil erosion or sedimentation of water bodies shall be undertaken in conformance with Chapter 62-346, Florida Administrative Code and Conservation Element Policy 5.2.3.

Objective 5.6: The City shall include provisions for conservation and protection of fisheries, wildlife, wildlife habitat and river habitat in the development review and approval process.

Policy 5.6.1: The City shall evaluate impacts on fisheries, wildlife habitat and river habitat as part of its development review and approval process. Development activities which will destroy identified wildlife or habitat shall be restricted through use of an enforceable development agreement

pursuant to Section 163.3220.3243, Florida Statutes, or appropriate mitigation measures pursuant to Section 17-312, Florida Administrative Code. Development activities which cause destruction of endangered or threatened species shall be prohibited.

Objective 5.7: Continue to establish procedures which will require that development activities which involve handling and storage of hazardous wastes are managed in a manner which will reduce threats to natural resources.

Policy 5.7.1: The City's Police and Fire Departments shall continue to coordinate with the Jackson County Department of Emergency Management as prescribed in the *Comprehensive Emergency Management Plan for Hazardous Materials* in the event of a hazardous materials emergency.

Policy 5.7.2: The City shall require that all stationary above-ground and underground petroleum storage tanks conform to the provisions of Chapter 17-61, Florida Administrative Code, and that permits be obtained from FDEP prior to installation or removal of such tanks.

Policy 5.7.3: The City shall require that all small quantity generators of hazardous waste register with Jackson County as specified under Sections 430.7234 and 403-7236, Florida Statutes.

Objective 5.8: Eliminate septic tank deficiencies which have the potential to endanger public health or contaminate environmental resources.

Policy 5.8.1: Although no areas which contain concentrations of deficient septic tanks have been identified, the City will take action to make central sewer available to any area which has identified public health or environmental problems.

Objective 5.9: The City shall conserve natural resources such as water and open space to minimize energy used and GHG emissions and to preserve and promote the ability of such resources to remove carbon from the atmosphere.

Policy 5.9.1: The City shall require use of water conservation fixtures and techniques for all new development or redevelopment as specified in Section 553.14, Florida Statutes.

Policy 5.9.2: The City shall coordinate with Jackson County and the Northwest Florida Water Management District on reuse projects and programs. If and when a plan to extend reclaimed water facilities in the City is created, the City will require developers to install dry lines for reclaimed water when the availability of such facilities is imminent.

Policy 5.9.3: The City shall coordinate with Jackson County to provide education regarding water conservation.

Policy 5.9.4: The City shall encourage the use of water efficient irrigation and xeriscape landscaping techniques for all new development and shall amend the landscape provisions of the Land Development Regulations to provide standards for xeriscape landscaping techniques.

Policy 5.9.5: The City shall encourage the use of Low Impact Development techniques, such as rain gardens and ecologically enhanced stormwater basins.

Policy 5.9.6: An Alternative Transportation Map, depicting energy conservation measures for the City, can be found in the Future Land Use Map series.

Objective 5.10: Capitalize on the City's ecological and natural areas in an effort to increase ecotourism and to provide recreational opportunities for residents and visitors.

Policy 5.10.1: The City shall coordinate with the Jackson County Development Council (JCDC) to encourage the development of ecological, agricultural, and heritage related tourism.

Policy 5.10.2: Upon completion of the Chipola Greenways Master Plan, the City shall adopt the Plan and develop implementation strategies to support the development of the recreational facilities proposed within the plan.

Policy 5.10.3: The City shall pursue opportunities for ecological and natural area connections, such as greenways and blueways, in order to provide connections between greenway parcels and other government owned lands when feasible.

- c) *Common Open Space* is privately-owned land set aside for common use by residents of a development which is usually found in multi-family (i.e. apartments, townhouses) or planned unit developments.
- d) *Non-Residential Open Space* is land set aside for landscaping, buffer zones, public areas or other similar areas.

Objective 6.5: The City shall continue to advocate for and invest resources into completing the connection of the greenways along the Chipola River within the City Boundaries and to adjacent systems owned and maintained by Jackson County and the State of Florida.

Policy 6.5.1 The City shall continue to work towards a bicycle and pedestrian plan that includes policies that provide linkages between greenway parcels and bicycle, pedestrian, and blue way connections.

Policy 6.5.2: The City will develop a master plan with conceptual greenway maps, which link proposed recreational trail systems and conservation greenways to existing and new open space, conservation and/or outdoor recreation areas. Land acquisition efforts will focus on establishing links and enhancing existing greenways, recreation trail systems, and parking areas.

Policy 6.5.3 The City shall coordinate with Jackson County and the State to determine strategies to complete the greenway connections along the Chipola River both within the city limits and within Jackson County.

Infrastructure Category	2020-2021	2021-2022		2022-2023		2023-2024		2024-2025		Source
Lincoln Conservation and Recreation Area	Committed Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	
Revenue										
Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,400,000.00	
Planned + Committed (Years 4 & 5 Only)	\$11,400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,400,000.00	\$0.00	
Revenues Total	\$11,400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Expenditures										
										Florida Fish and Wildlife Conservation Commission, FRDAP, LWCF, State and Federal Grants, Surdna Foundation environmental grant, National Park Service Rivers, FFWCC Florida Boating Improvement Program, Trails and Conservation Assistance Program, State and Federal Grants
Renovation of Canoe Landing/New Restroom Facilities/Signage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000,000.00	
Equestrian Trail Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	FRDAP, LWCF, State and Federal Grants
Renovation/Possible Relocation of Camp House	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	FRDAP, LWCF, State and Federal Grants
Picnic Facilities/Avillions/Playground Equipment/Additional Restroom Facilities/parking and other Structures	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00	FRDAP, LWCF, State and Federal Grants
Avillions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350,000.00	State or Federal Grants
Load Paving	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500,000.00	State or Federal Grants
Trail Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,000,000.00	FRDAP, LWCF, State and Federal Grants

Hurricane Cleanup	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	FRDAP, LWCF, State and Federal Grants
Campgrounds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	FRDAP, LWCF, State and Federal Grants
Expenditure Totals	\$11,400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,400,000.00	\$0.00	
Annual Balance -Hinson Property	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Five Year Planning Period Balance										

Infrastructure Category	2020-2021	2021-2022		2022-2023		2023-2024		2024-2025		Source
Chippola River Greenway: Butler Recreation Area	Committed Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	
Revenue										
Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,475,000.00	
Planned + Committed (Years 4 & 5 Only)	\$7,475,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,475,000.00	\$0.00	
Revenues Total	\$7,475,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Expenditures										
Trail Development/ Road Construction	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$900,000.00	FRDAP, LWCF, FDAP, Recreational Trails Program, Bikes Belong Grant, Robert Woods Johnson Foundation Grant, National Park Service Rivers, Trails and Conservation Assistance Program, State and Federal Grants

Trails, Benches, Landscaping, boardwalks, picnic facilities, playground equipment, trash cans, etc.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500,000.00	FRDAP, LWCF, FDAP, Recreational Trails Program, Bikes Belong Grant, Robert Woods Johnson Foundation Grant, National Park Service Rivers, Trails and Conservation Assistance Program, State and Federal Grants
Trail Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,000,000.00	FRDAP, LWCF, State and Federal Grants
Hurricane Cleanup	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	FRDAP, LWCF, State and Federal Grants
Restroom Facility	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00	FRDAP, LWCF, State and Federal Grants
Expenditure Totals	\$7,475,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,475,000.00	
Annual Balance - FPU/Surgnier/Butler Properties	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Five Year Planning Period Balance	\$0										

Infrastructure Category	2020-2021 Committed Funds	2021-2022 Committed Funds	Planned Funds	2022-2023 Committed Funds	Planned Funds	2023-2024 Committed Funds	Planned Funds	2024-2025 Committed Funds	Planned Funds	Source
Chippola River Greenway: Gateway Overlook										
Revenues										
Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37,000,000.00	
Planned + Committed (Years 4 + 5 Only)	\$37,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37,000,000.00	\$0.00	
Revenues Total	\$37,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Expenditures										
Pedestrian River Crossing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000,000.00	State and Federal Grants/ Loans
Acquisition of additional land for Greenway Connection	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000,000.00	State and Federal Grants/ Loans

Bridge across Chipola River Connecting City Greenways to County Greenways	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000,000.00	State or Federal Grants
Informational Kiosks, Street Gateway/Pedestrian Access Board Walk, Overlook	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000,000.00	State or Federal Grants
Expenditure Totals	\$37,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37,000,000.00	\$0.00	
Annual Balance - Southtrust Property	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Five Year Planning Period Balance										

Infrastructure Category	2020-2021	2021-2022		2022-2023		2023-2024		2024-2025		Source
Chipola River Greenway: Yancey Bridge/Boat Landing	Committed Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	
Revenue										
Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,300,000.00	
Planned + Committed (Years 4 + 5 Only)	\$5,300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,300,000.00	\$0.00	
Revenues Total	\$5,300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,300,000.00	\$0.00	
Expenditures										
Avillions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	State or Federal Grants
Bridge across Chipola River Connecting City Greenways to County Greenways	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000,000.00	State or Federal Grants
Restrooms	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$250,000.00	State or Federal Grants
Expenditure Totals	\$5,300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,300,000.00	\$0.00	
Annual Balance -Yancey Bridge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Five Year Planning Period Balance										

Infrastructure Category	2020-2021	2021-2022		2022-2023		2023-2024		2024-2025		Source
	Committed Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	Committed Funds	Planned Funds	
Municipal Development										
Revenue										
Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$80,819,267.00	
Planned + Committed (Years 4 & 5 Only)	\$80,819,267.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$80,819,267.00	\$0.00	
Revenues Total	\$80,819,267.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Expenditures										
Employee Housing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	State or Federal Grants
Riverwalk	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	State or Federal Grants
City Walkability	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00	State or Federal Grants
Walkability Plan for Bicycle and pedestrian connecting Chipola College, downtown, Chipola River, Jackson Hospital, and endeavor	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,000.00	State or Federal Grants
Welcome to Marianna sign and wayfinding at I-10 interchange	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	State or Federal Grants
Develop Market Street region with pedestrian priority and growth of small business focus	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00	State or Federal Grants
Develop/ Move Chipola College program(s) to downtown/ endeavor.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650,000.00	State or Federal Grants
Conduct GIS Mapping of utility lines, roadways, and infrastructure.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,000.00	State or Federal Grants
Plan for sidewalk network along Old Cottondale Road and Pennsylvania Avenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,000.00	State or Federal Grants
Create plan for multiuse trail/ buffered bike lane-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,000.00	State or Federal Grants
Create a plan for traffic calming measures for Pennsylvania.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200,000.00	State or Federal Grants
Hospital/College/ Downtown Greenway	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000,000.00	State or Federal Grants
Mult Park	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00	State and Federal Grants/ Loans

Exhibit 1



MEDIA GROUP
Publishing Solutions

A Berkshire Hathaway Company

Order Confirmation

Ad# 0001235332-01

Alabama Community Newspapers

Client: CITY OF MARIANNA **Payor Customer:** CITY OF MARIANNA
Client Phone 8504824353 **Payor Phone** 8504824353

Account #: 2150420 **Payor Account:** 2150420
Address: PO BOX 936 **Payor Address:** PO BOX 936
MARIANNA FL 32447 MARIANNA FL 32447

Fax: **Ordered By** **Sold By**
Email plivergood@mariannaf1.city lfergus2 lfergus2

Total Amount \$225.00 **Status:** **Materials:**
Payment Amount \$0.00
Amount Due \$225.00

Tax Amount: 0.00
Payment Method: Invoice - Statement **PO Number**
Order Notes:
Invoice Text:

Ad Number 0001235332-01

Ad Type CLP Liner **Color** \$0.00

Pick Up Number **Ad Size** **Production Method**
2 X 3.75" AdBooker (liner)

Production Color **Production Notes**

Product and Zone **Placement** **Position** **# Inserts**

Run Schedule Invoice Text

ALA JC Floridan CLP _Announcements _General-Spec Not 1

NOTICE OF PUBLIC HEARING NOTICE IS HEREBY GIVEN BY THE CITY OF MARIANNA OF ITS

Run Dates

6/26/2021

TagLine: NOTICE OF PUBLIC HEARING NOTICE IS HEREBY GIVEN BY THE CITY OF MARIANNA OF ITS

Ad Content Proof

Note: Ad size does not reflect actual ad

001-1353-519-3464
Ray Dennis



MEDIA GROUP
Publishing Solutions

A Berkshire Hathaway Company

Order Confirmation

Ad# 0001235332-01

Alabama Community Newspapers

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN BY THE CITY OF MARIANNA OF ITS INTENT TO CONDUCT A PUBLIC HEARING TO REVIEW THE CHIPOLA RIVER GREENWAY LAND MANAGEMENT PLAN

The public hearing will be held in the City Commission
Chambers of Marianna City Hall located at
2898 Green Street, Marianna, Florida
on Thursday the 8th of July 2021 at 5:00 p.m.

Comments are encouraged. Anyone desiring information may
contact the City of
Marianna Municipal Development Department
at 2898 Green Street, Marianna, Florida
or contact by phone at (850) 482-2786
during regular business hours.

Jackson County TIMES

2866 Madison Street | Marianna,
Florida 32448

(850) 526-1501 Office | (866) 307-1639 Fax

Legal Notice – Proof of Publication

City of Marianna

Before the undersigned authority personally appeared MARY WALTER who on oath says that (s)he is **BILLING ADVISOR** of the Jackson County Times, a weekly newspaper published in Marianna, in Jackson County, Florida; that the attached copy of advertisement, in the matter mentioned, was published in said newspaper in the issues shown.

Affiant further states that the said Jackson County Times is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each week (Thursday) and has been entered as a periodical matter at the post office in Marianna, in said Jackson County, Florida, for the period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Mary Walter

Mary Walter Jackson County Times

Sworn to and subscribed before me this

7-23

A.D. 2021

Shelia C. Mader

Notary Public, State of Florida at Large



Legal #

L5178

Run Times

Per Run

1

@

\$62.85

Total Amount

\$62.85

Legal Size

\$5 Per Column Inch (PCI)

Column(s)

by

Height

3

X

4.19

Description

DISPLAY - Notice of Public Meeting

Legal #

L5178

Publication Dates:

7/22/2021

NOTICE OF PUBLIC MEETING

**NOTICE IS HEREBY GIVEN BY THE CITY OF MARIANNA
PLANNING & ZONING BOARD OF ITS INTENT TO
CONDUCT A PUBLIC MEETING TO REVIEW THE
FOLLOWING APPLICATIONS AND OTHER BUSINESS:**

- **Chipola River Greenways Land Management Plan; and**
- **Other Business**

The public meeting will be held in the City Commission Chambers of Marianna City Hall located at 2898 Green Street, Marianna, Florida on Monday the 26th of July 2021 at 4:00 p.m.

Comments are encouraged. Anyone desiring information may contact the City of Marianna Municipal Development Department at 2898 Green Street, Marianna, Florida or contact by phone at (850) 482-2786 during regular business hours.

Jackson County TIMES

2866 Madison Street | Marianna,
Florida 32448

(850) 526-1501 Office | (866) 307-1639 Fax

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Affiant further states that the said Jackson County Times is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each week (Thursday) and has been entered as a periodical matter at the post office in Marianna, in said Jackson County, Florida, for the period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Mary Walter

Mary Walter, Jackson County Times

Sworn to and subscribed before me this

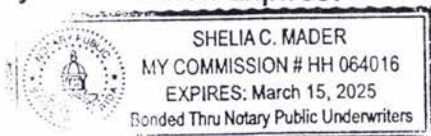
8-19

A.D. 2021

Shelia C. Mader

Notary Public, State of Florida at Large

My Commission Expires:



Legal #

L5241

Run Times

Per Run

1

@

\$100.50

Total Amount

\$100.50

Legal Size

\$5 Per Column Inch (PCI)

Column(s)

by

Height

3

X

6.7

Description

DISPLAY - Notice 1 Ordinance

Legal #

L5241

Publication Dates:

8/19/2021

*001-1313 -
519-3404
Katy Dennis*

NOTICE OF LAND MANAGEMENT PLAN AMENDMENT

The **Marianna City Commission** will conduct a public hearing on **September 7, 2021** at 6:00 p.m., in the City Commission Chamber located at 2898 Green Street, Marianna, Florida to consider the adoption of the following Ordinances and such other business:

ORDINANCE #1117 - AN ORDINANCE AMENDING THE CHIPOLA RIVER GREENWAYS LAND MANAGEMENT PLAN TO THE CITY OF MARIANNA, TO PROVIDE FOR THE CONSIDERATION OF ADOPTION OF REVISIONS AND UPDATES IN ACCORDANCE WITH CHAPTERS 253.034 AND 259.032 FLORIDA STATUTES AND RULE 18-2.021 FLORIDA ADMINISTRATIVE CODE; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Other Business.

Interested parties are encouraged to attend the meeting. Copies of the request may be viewed at www.mariannafl.city or in the City of Marianna Municipal Development Department located at 2898 Green Street, Marianna, Florida during regular business hours or by calling (850) 482-2786.

Please be advised that if a person decides to appeal any decision made by the Marianna City Commission with respect to any matter considered at this hearing, such person will need a record of the proceedings, and for this purpose such person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. The City of Marianna does not provide or prepare such record pursuant to F.S. 286.0105.

In accordance with the Americans with Disabilities Act, persons with disabilities needing a special accommodation to participate in this proceeding should contact the City Clerk at City Hall, at 2898 Green Street, Marianna, Florida, 32446, or by calling (850)482-4353, no later than three (3) days prior to the proceedings.

Jackson County Times
2866 Madison Street
Marianna, FL 32448 US
(850) 526-1501
www.jacksoncountytimes.net

Jackson County TIMES

BILL TO
City of Marianna
PO Box 936
Marianna, FL 32447

INVOICE 18653

DATE 07/19/2021 TERMS Due on receipt

DUE DATE 08/01/2021

DATE	ACTIVITY	QTY	RATE	AMOUNT
07/22/2021	LEGAL AD:-- DISPLAY L5178 - DISPLAY Notice of Public Hearing	1	62.85	62.85

Please include your invoice number on your check. Thank you!

WE GREATLY APPRECIATE
YOUR BUSINESS. TO PAY BY
DEBIT OR CREDIT CARD,
PLEASE CALL THE TIMES AT
(850) 526-1501.

TOTAL DUE \$62.85

Focused on Jackson County
Thank you for Supporting Our Paper!!

Jackson County TIMES

2866 Madison Street | Marianna,
Florida 32448

(850) 526-1501 Office | (866) 307-1639 Fax

Legal Notice – Proof of Publication

City of Marianna

Before the undersigned authority personally appeared MARY WALTER who on oath says that (s)he is **BILLING ADVISOR** of the Jackson County Times, a weekly newspaper published in Marianna, in Jackson County, Florida; that the attached copy of advertisement, in the matter mentioned, was published in said newspaper in the issues shown.

Affiant further states that the said Jackson County Times is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each week (Thursday) and has been entered as a periodical matter at the post office in Marianna, in said Jackson County, Florida, for the period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Mary Walter

Mary Walter, Jackson County Times

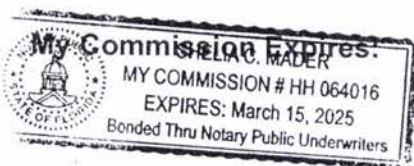
Sworn to and subscribed before me this

7-23

A.D. 2021

Shelia Mader

Notary Public, State of Florida at Large



Legal #

L5178

Run Times

Per Run

1

@

\$62.85

Total Amount

\$62.85

Legal Size

\$5 Per Column Inch (PCI)

Column(s)

by

Height

3

X

4.19

Description

DISPLAY - Notice of Public Meeting

Legal #

L5178

Publication Dates:

7/22/2021

NOTICE OF PUBLIC MEETING

**NOTICE IS HEREBY GIVEN BY THE CITY OF MARIANNA
PLANNING & ZONING BOARD OF ITS INTENT TO
CONDUCT A PUBLIC MEETING TO REVIEW THE
FOLLOWING APPLICATIONS AND OTHER BUSINESS:**

- **Chipola River Greenways Land Management Plan; and**
- **Other Business**

The public meeting will be held in the City Commission Chambers of Marianna City Hall located at 2898 Green Street, Marianna, Florida on Monday the 26th of July 2021 at 4:00 p.m.

Comments are encouraged. Anyone desiring information may contact the City of Marianna Municipal Development Department at 2898 Green Street, Marianna, Florida or contact by phone at (850) 482-2786 during regular business hours.

Jackson County TIMES

2866 Madison Street | Marianna,
Florida 32448

(850) 526-1501 Office | (866) 307-1639 Fax

Legal Notice – Proof of Publication

City of Marianna

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Affiant further states that the said Jackson County Times is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each week (Thursday) and has been entered as a periodical matter at the post office in Marianna, in said Jackson County, Florida, for the period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Mary Walter

Mary Walter, Jackson County Times

Sworn to and subscribed before me this

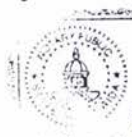
8-19

A.D. 2021

Shelia C. Mader

Notary Public, State of Florida at Large

My Commission Expires:



SHELIA C. MADER
MY COMMISSION # HH 064016
EXPIRES: March 15, 2025
Bonded Thru Notary Public Underwriters

Legal #

L5241

Run Times

Per Run

1

@

\$100.50

Total Amount

\$100.50

Legal Size

\$5 Per Column Inch (PCI)

Column(s)

by

Height

3

X

6.7

Description

DISPLAY - Notice 1 Ordinance

Legal #

L5241

Publication Dates:

8/19/2021

601-1313 -
519-3404
Kay Dennis

NOTICE OF LAND MANAGEMENT PLAN AMENDMENT

The Marianna City Commission will conduct a public hearing on **September 7, 2021** at 6:00 p.m., in the City Commission Chamber located at 2898 Green Street, Marianna, Florida to consider the adoption of the following Ordinances and such other business:

ORDINANCE #1117 - AN ORDINANCE AMENDING THE CHIPOLA RIVER GREENWAYS LAND MANAGEMENT PLAN TO THE CITY OF MARIANNA, TO PROVIDE FOR THE CONSIDERATION OF ADOPTION OF REVISIONS AND UPDATES IN ACCORDANCE WITH CHAPTERS 253.034 AND 259.032 FLORIDA STATUTES AND RULE 18-2.021 FLORIDA ADMINISTRATIVE CODE; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

Other Business.

Interested parties are encouraged to attend the meeting. Copies of the request may be viewed at www.mariannafl.city or in the City of Marianna Municipal Development Department located at 2898 Green Street, Marianna, Florida during regular business hours or by calling (850) 482-2786.

Please be advised that if a person decides to appeal any decision made by the Marianna City Commission with respect to any matter considered at this hearing, such person will need a record of the proceedings, and for this purpose such person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. The City of Marianna does not provide or prepare such record pursuant to F.S. 286.0105.

In accordance with the Americans with Disabilities Act, persons with disabilities needing a special accommodation to participate in this proceeding should contact the City Clerk at City Hall, at 2898 Green Street, Marianna, Florida, 32446, or by calling (850)482-4353, no later than three (3) days prior to the proceedings.

Exhibit 2



**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT ADVISORY COMMITTEE
June 17, 2021
5:00 P.M.**

AGENDA

- I. Call to Order
- II. Introductions
- III. Background Information
- IV. Discussion
- V. Adjournment



**CITY OF MARIANNA
CHIPOLA RIVER GREENWAYS
LAND MANAGEMENT PLAN COMMITTEE
June 17, 2021**

MINUTES

The meeting was called to order at 5 p.m. by Kay Dennis, Municipal Development Director for the City of Marianna. After brief introductions, Mrs. Dennis explained the purpose of the meeting and provided background information related to the Chipola River Greenway properties.

County Commissioner Paul Donofro requested a hard copy of the proposed document so to provide feedback before the next meeting.

Mr. Randall Hinson, family of previous owner of Hinson Conservation and Recreation Area, discussed the importance of signage. All of the park's signage has not been replaced since Hurricane Michael. At times visitors do not know park hours and find themselves locked in after hours without information regarding whom to call. Mr. Hinson requested replacement signage be installed as soon as possible.

Stephanie Kush and Terri Keith provided some corrections and language changes to the document. They also suggested that educating the public should be a short-term and long-term goal under every category. The ladies further pointed that they would conduct some research on whether chemicals safe for aqua systems would be safe for removal of invasive and exotic species on the greenway properties.

After about 90 minutes the meeting adjourned with plans for additional feedback on Thursday, June 24, 2021 at 5 pm.



**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANGEMENT ADVISORY COMMITTEE
July 8, 2021
5:00 P.M.**

AGENDA

- I. Call to Order
- II. Discussion
- III. Adjournment



**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANGEMENT ADVISORY COMMITTEE
July 8, 2021**

Minutes

The meeting was called to order at 5 p.m. by Kay Dennis, Municipal Development Director for the City of Marianna. After brief introductions, Mrs. Dennis explained the purpose of the meeting and provided background information related to the Chipola River Greenway properties.

Ms. Paula Livergood, Municipal Development Planning Technician informed the committee of all changes made in response to the previous meeting.

Mr. Robert B. Hinson, family of previous owner of Hinson Conservation and Recreation Area, discussed the history of the park. He talked about the visitors he has encountered at the park reflecting that it is utilized by many and for numerous purposes as it was intended.

There was discussion about environmentally safe means to control invasive plant life that has become a nuisance as a result of Hurricane Michael. Mr. Hinson asked if there was any plans for an agency to remove the invasive plants on the greenway properties. Care must be taken to use proper chemicals so that while eradicating invasive plants natural, wildlife and aquatic life is not damaged.

After about 60 minutes the meeting adjourned with plans for additional feedback on Thursday, July 22, 2021 at 5 pm.



**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT ADVISORY COMMITTEE
July 22, 2021
5:00 P.M.**

AGENDA

- I. Call to Order
- II. Discussion
- III. Adjournment



**CITY OF MARIANNA
CHIPOLA RIVER GREENWAY
LAND MANAGEMENT ADVISORY COMMITTEE
July 22, 2021**

Minutes

The meeting was called to order at 5 p.m. by Kay Dennis, Municipal Development Director for the City of Marianna. After brief introductions, Mrs. Dennis explained the purpose of the meeting.

Berry Tillman, University of Florida, had a few suggestions for the land management plan. Mr. Tillman's suggestions included adding a table of contents page and executive summary.

Marty Vickery brought helpful pamphlets on creating autism friendly trails within the greenways. Mr. Paul Donofro inquired about the process and timeline for approval, which Mrs. Dennis explained.

Lois Jones, a resident whose property adjoins both Butler Recreation Area and Jackson County property discussed the plant life and wildlife present. Mrs. Jones has observed people utilizing Butler Recreation Area often.

After about 60 minutes the meeting adjourned with plans for inclusion of additional feedback.

Land Management Advisory Team

Comments

1. Replace signage.
2. Correction to typos.
3. Make public education both short and long term goals.
4. Use aqua safe chemicals, if chemicals are needed to eradicate exotics.
5. Add a table of contents, executive summary and table numbers to the document.
6. Plan for autism trails.

City's Response

All comments were taken into account and accepted as helpful tips.

CITY OF MARIANNA REGULAR CITY COMMISSION MEETING

June 1st, 2021

6:00 PM

CITY HALL

2898 GREEN STREET, MARIANNA, FL

Join By Zoom:

Dial 929-205-6099

Meeting ID: 779 055 7205

1. Call To Order

2. Roll Call

Mayor and Commissioners

Travis H. Ephriam, Mayor/Commissioner

Allen Ward II., Mayor Pro Tem/Commissioner

Rico Williams, Commissioner

Kenneth Hamilton, Commissioner

John E. Roberts, Commissioner

2.A. Oath Of Office

Allen Ward

Kenneth Hamilton

Rico Williams

2.B. Selection Of New Mayor And Mayor Pro Term

3. Invocation And Pledge To The Flag

4. Approval Of Agenda (Additions Or Deletions)

5. Review & Approval Of Minutes

5.A. May 4, 2021 Commission Meeting

Documents:

MINUTES MAY 4 2021 REGULAR.PDF

5.B. May 20, 2021 Special Meeting

Documents:

MINUTES 5-20-2021 SPECIAL MEETING.PDF

6. Presentations

6.A. Longevity May 2021

Documents:

MAY 2021 LONGEVITY.PDF

6.B. Grimsley & Associates - Presentation Of The FY 2019-2020 Audit

6.C. Wheeler Emergency Management - Update

7. Public Meeting/Forum

Opportunity for public comment on any subject not otherwise on the agenda. THREE MINUTE MAXIMUM.

8. Public Hearing

- 8.A. Ordinance #1114: Future Land Use Change; Jackson County Board Of County Commissioners; Second Reading
Public Hearing

Documents:

AGENDA ORDINANCE 1114.PDF
LAND USE-ORDINANCE JCBOCC.PDF
STAFF REPORT FUTURE LAND USE CHANGE JCBOCC.PDF

- 8.B. Ordinance #1115: Zoning Change; Jackson County Board Of County Commissioners; Second Reading
Public Hearing

Documents:

AGENDA ORDINANCE 1115.PDF
ZONEORDINANCEJCBOCC.PDF
STAFF REPORT ZONING CHANGE JCBOCC.DOCX.PDF

- 8.C. Ordinance #1116: Zoning Change; Stephen And Sussie Durham; Second Reading
Public Hearing

Documents:

AGENDA ORDINANCE 1116.PDF
ZONEORDINANCEDURHAM.PDF
STAFF REPORT ZONING CHANGE DURHAM.PDF

9. Planning/Development

- 9.A. May 2021 Planning And Permitting Report
Planning and Development

Documents:

MAY 2021 PLANNING REPORT.PDF

10. Other Policy Matters

- 10.A. 2020-2021 Fiscal Year CRA Project Bollard Lighting And Sound System For Madison Street Park

Documents:

AGENDA 2020-2021 FISCAL YEAR CRA PROJECT BOLLARD LIGHTING AND SOUND SYSTEM FOR MADISON PARK.PDF
QUOTES FOR MADISON STREET PARK BOLLARD LIGHTING AND SOUNDS SYSTEM.PDF

- 10.B. Infrastructure Contractor Services - Addendum #2

Documents:

AGENDA INFRASTRUCTURE CONTRACTORS AD 2.PDF
INFRASTRUCTURE CON SECOND ADDENDUM 6-2021.PDF

- 10.C. General Contractor Services - Addendum #2

Documents:

AGENDA GEN CONTRACTORS AD 2.PDF
GEN CONTRACTOR SECOND ADDENDUM 6-2021.PDF

10.D. Purchase New Street Poles And Signs - CRA Project

Documents:

AGENDA CRA STREET SIGNS.PDF
MARIANNA QUOTE.PDF
MARIANNA SIGN PROOF.PDF
CRA STREET SIGNS.PDF

10.E. Resolution 2021-018 FDOT New State Highway Lighting & Maintenance Agreement

Documents:

AGENDA RESOLUTION 2021-018 FDOT STATE HIGHWAY LIGHTING AND
MAINTENANCE AGREEMENT.PDF
RESOLUTION 2021-018 FDOT STATE HWY LIGHTING AND MAINTENANCE
AGREEMENT.PDF

10.F. McLane Center Lease Amendment For Overflow Parking

Documents:

AGENDA MCLANE LEASE AMENDMENT.PDF
MCLANE LEASE AMENDMENT.PDF

10.G. Additions To 2018-19 Dilapidated Structures' List
Planning and Development

Documents:

ADDITIONS TO 2018-2019 DS LIST.PDF
ADDITIONS TO 2018-2019 DS LIST PZ.PDF
4233 LILLIANETTE STREET.PDF
2836 STUART AVENUE 21B.PDF

10.H. Chipola River Greenway - Land Management Plan
Presentations

Documents:

AGENDA LAND MANAGEMENT PLANA.PDF

10.I. Resolution 2021-15
Planning and Development

Documents:

AGENDA 2021-15.PDF
RESOLUTION 2021-15 GARRETT.PDF
LOCATION MAP ROULHAC.PDF

10.J. Resolution 2021-16
Planning and Development

Documents:

AGENDA 2021-16.PDF
RESOLUTION 2021-16 SUNSET.PDF
LOCATION MAP SUNSET.PDF

10.K. Resolution 2021-17
Planning and Development

Documents:

AGENDA 2021-17.PDF
RESOLUTION 2021-17 HICKORY.PDF
LOCATION MAP HICKORY.PDF

10.L. Resolution 2021-19
Planning and Development

Documents:

AGENDA 2021-19 HALL.PDF
RESOLUTION 2021-19 HALL.PDF
DEMO COSTS HALL.PDF
LOCATION MAP HALL.PDF

10.M. New Fire And Police Station USDA Rural Development Community Facility Form Loan
Resolution

Documents:

AGENDA NEW FIRE AND POLICE STATION USDA FORD RD LOAN
RESOLUTION.PDF
LOAN RESOLUTION FORM NEW FIRE AND POLICE STATION.PDF

10.N. Amendment Of Purchasing Manual/Procurement Policy

Documents:

JUNE 1 2021 AGENDA MEMO.PDF

11. Mayor & Commission Report

12. City Attorney

13. City Manager/Administrative Reports

13.A. RFQ 2021-02 Airport Engineering Design Services

13.B. RFQ 2021-01 Engineering Design Services & CEI Services & CDBG-DR

13.C. Proposal - Panhandle Excavating

Documents:

PROPOSAL.PDF

13.D. Public Works Director Recommendation

14. Adjourn

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accommodation to participate in this meeting should contact the City Clerk's Office at 850-482-4353 no later than 3 days prior to the meeting. City Hall is located at 2898 Green Street, Marianna, FL.

CITY OF MARIANNA
COMMISSION AGENDA MEMO
DATE: 06/01/2021

ADMINISTRATIVE STAFF REPORT

Subject: Chipola River Greenway Land Management Plan

Subject Background: Staff has been updating the Chipola River Greenway Land Management Plan over the past several months. It will be available to view on the City's website starting June 1st. A hard copy will be available in the Municipal Development Department for viewing. The City's Land Management Advisory Committee will meet on Thursday, June 17th and Thursday, June 24th at 5pm. The plan will then be presented to the Planning and Zoning Board on June 28th at 4 pm and the City Commission on July 6th at 6 pm for transmittal to the State.

Details: The Chipola River Greenway properties include: Hinson Conservation and Recreation Area; Gateway Overlook; and Butler Recreation Area. The properties are owned by the Board of Trustees of the Internal Improvement Trust Fund and managed by the City of Marianna.

Prepared by: Kay Dennis, Director



**CITY OF MARIANNA
REGULAR CITY COMMISSION MEETING**

**July 6, 2021
6:00 PM**

**CITY HALL
2898 GREEN STREET, MARIANNA, FL**

**Join by Zoom:
Dial: 929-205-6099
Meeting ID: 872 7412 6229**

1. Call To Order

2. Roll Call

Mayor and Commissioners

Allen Ward II - Mayor/Commissioner District 3

Kenneth Hamilton - Mayor Pro Tem/Commissioner District 5

Travis H. Ephriam - Commissioner District 1

Rico Williams - Commissioner District 4

John E. Roberts - Commissioner District 2

3. Invocation And Pledge To The Flag

4. Approval Of Agenda (Additions Or Deletions)

5. Review & Approval Of Minutes

5.A. June 1, 2021 Commission Meeting

Documents:

MINUTES 6-1-2021-REGULAR.PDF

6. Presentations

6.A. MHRC May Reports And Financials

Documents:

AGENDA MHRC MAY REPORTS AND FINANCIALS.PDF

6.B. June 2021 Longevity

David Herndon - Police Department

Documents:

JUNE 2021 LONGEVITY.PDF

- 6.C. Patrick Bell, Capital Solutions - Legislative Update
- 6.D. Jackson Economic Development Committee Executive Director
Update on Marianna Airport Marketing
- 6.E. Wheeler Emergency Management Consulting
Update and Payment of Invoices

Documents:

INVOICE 10 WHEELER PAYMENT RECOMMENDATION LETTER.PDF
CITY OF MARIANNA JUNE 2021 DEBRIS INVOICE 197120.PDF

7. Public Meeting/Forum

Opportunity for public comment on any subject not otherwise on the agenda. THREE MINUTE MAXIMUM.

8. Public Hearing**9. Planning/Development**

- 9.A. June 2021 Planning And Permitting Report

Documents:

JUNE 2021 PLANNING REPORT.PDF

- 9.B. Chipola River Greenway - Land Management Plan
Planning and Development

Documents:

LMP721.PDF

10. Other Policy Matters

- 10.A. Florida Department Of Transportation (FDOT)
Modify Aviation 5 Year Work Plan
Resolution 2021-21

Documents:

AGENDA FDOT RES. 2021-21.PDF
RES 2021-21.PDF

- 10.B. Jackson County School District Grant Application
Florida Department of Agriculture and Consumer Services (FDACS)
Agriculture Land Laboratory for Marianna High School and Marianna K-8
Resolution 2021-22

Documents:

AGENDA FDACS JCSD GRANT.PDF
RESOLUTION 2021-22.PDF

- 10.C. Florida Department Environmental Protection (FDEP)

State Revolving Fund (SRF)
Grant Agreement SG320251 Loan SG320251
Amendment #2

Documents:

AGENDA FDEP SRF GRANT AMEND.PDF
AMENDMENT AGREEMENT.PDF

10.D. FEMA Lease At Marianna Airport
Lease Amendment #14

Documents:

AGENDA FEMA LEASE.PDF
LEASE AMENDMENT.PDF

10.E. Purchase Of Full Size Message Board And LED Portable Light Towers
Police Department

Documents:

AGENDA PD PURCHASE.PDF
QUOTES.PDF

10.F. Purchase Of Radio Console For The Police Department

Documents:

RADIO CONSOLE AGENDA ITEM.PDF
QBPOS SALES ORDER 6257 (1).PDF

10.G. 2853 Eva Mae (Previously Owned By Wilma Robinson)

Documents:

AGENDA 2853 EVA MAE.PDF
LETTER AND RESOLUTION.PDF

10.H. Florida Department Economic Opportunity (DEO)
Rural Infrastructure Fund (RIF) Grant
Tri-States Waterline Improvement Project

Documents:

AGENDA DEO RIF WATERLINE IMPROVEMENT.PDF
GRANT AGREEMENT.PDF

10.I. Manhole Relining Rehabilitation Services

Documents:

AGENDA 21-MANHOLE REHAB.PDF
GCU PROPOSAL (1).PDF
GCU AGREEMENT.PDF

10.J. Cowan Systems LLC
Lease Addendum #1

Documents:

AGENDA COWAN ADDENDUM.PDF
FIRST ADDENDUM - COWAN SYSTEMS 7-6-2021.PDF
EXECUTED LEASE COWAN 4-2021.PDF

10.K. Madison Street Park Bollard Lighting Project

Documents:

AGENDA CRA BOLLARD LIGHTING.PDF
PROPOSAL BOLLARD LIGHTING CRA.PDF

10.L. Police & Fire Station Construction Project
Legislative Appropriation
Grant Agreement

Documents:

AGENDA FIRE AND POLICE STATION DEO GRANT AGREEMENT RIF.PDF
HL138 CITY OF MARIANNA DRAFT SCOPE OF WORK.PDF

10.M. Project TAP
Memorandum of Understanding (MOU)

Documents:

AGENDA PROJECT TAP MOU.PDF
PROJECT TAP MOU 07-06-2021 (COUNTY).PDF

10.N. 4258 Liddon Street Lot
Request to Release City Lien

Documents:

AGENDA 4258 LIDDON.PDF

10.O. MHRC Staff Retention And Recruiement Proposal

Documents:

AGENDA STAFF RETENTION AND RECRUITMENT.PDF

10.P. Proposed 2021-2022 Dilapidated Structures List
Other Policy Matters

Documents:

AGENDADS202122.PDF
PZMEMO.PDF

10.Q. RFP 21-04; 2018-2019 Dilapidated Structures List

Documents:

AGENDARFP.PDF
BIDS.PDF
BIDS2.PDF
CONTRACT.PDF

10.R. Resolution 2021-23

Documents:

AGENDA 2021-23.PDF

RESOLUTION 2021-23.PDF

10.S. Resolution 2021-24

Documents:

AGENDA 2021-24.PDF
RESOLUTION 2021-24-CASEY.PDF

10.T. Resolution 2021-25

Documents:

AGENDA 2021-25.PDF
RESOLUTION 2021-25-WYNN.PDF

11. Mayor & Commission Report**12. City Attorney****13. City Manager/Administrative Reports****14. Adjourn**

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CITY OF MARIANNA
COMMISSION AGENDA MEMO
DATE: 07/06/2021

ADMINISTRATIVE STAFF REPORT

Subject: Chipola River Greenway Land Management Plan

Subject Background: Staff has been updating the Chipola River Greenway Land Management Plan over the past several months. It has been available to view on the City's website starting June 1st. A hard copy is available in the Municipal Development Department for viewing. The City's Land Management Advisory Committee will meet on Thursday, July 8th and Thursday, July 22nd at 5pm. The plan will then be presented to the Planning and Zoning Board on July 26th at 4 pm and the City Commission on August 3rd at 6 pm for transmittal to the State.

Details: The Chipola River Greenway properties include: Hinson Conservation and Recreation Area; Gateway Overlook; and Butler Recreation Area. The properties are owned by the Board of Trustees of the Internal Improvement Trust Fund and managed by the City of Marianna.

Prepared by: Kay Dennis, Director

KD

CITY OF MARIANNA

PLANNING AND ZONING BOARD

July 26, 2021

4:00 PM

CITY HALL

2898 GREEN STREET

MARIANNA, FL

1. Minutes

1.A. Minutes

Documents:

MINUTES JUNE 2021.PDF

2. Other Business

2.A. Chipola River Greenway - Land Management Plan

Documents:

LMP721FINAL.PDF
2021 LMP APPENDIX C.PDF
2021 LMP APPENDIX D.PDF
2021 LMP APPENDIX E.PDF
2021 LMP APPENDIX F.PDF
2021 LMP APPENDIX G.PDF
2021 LMP APPENDIX H.PDF
2021 LMP APPENDIX I.PDF
2021 LMP APPENDIX J.PDF
2021 LMP APPENDIX A.PDF
2021 LMP APPENDIX B.PDF
APPENDIX K.PDF
CHECKLIST.PDF

3. Adjournment

The City of Marianna is an Equal Opportunity Employer and a Drug-Free Workplace. In accordance with the adopted Section 504 Policy, the City will take affirmative steps to reasonably accommodate the disabled and ensure their needs are equitably represented in City programs and activities.

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Disabilities Act, persons needing a special accommodation to participate in this meeting should contact the City Clerk's Office at 850-482-4353 no later than 3 days prior to the meeting. City Hall is located at 2898 Green Street, Marianna, FL.

**CITY OF MARIANNA
REGULAR CITY COMMISSION MEETING**

September 7, 2021

6:00 PM

**City Hall
2898 Green Street
Marianna, FL 32446**

**Join by Zoom:
Dial: 929-205-6099
Meeting ID: 898 0317 8775**

1. Call To Order

2. Roll Call

Mayor and Commissioners

Allen Ward II - Mayor/Commissioner District 3

Kenneth Hamilton - Mayor Pro Tem/Commissioner District 5

Travis H. Ephriam - Commissioner District 1

Rico Williams - Commissioner District 4

John E. Roberts - Commissioner District 2

3. Invocation And Pledge To The Flag

4. Approval Of Agenda (Additions Or Deletions)

5. Review & Approval Of Minutes

5.A. August 3 2021 Commission Meeting

Documents:

MINUTES 8-3-2021.PDF

5.B. August 17 2021 Workshop

Documents:

WORKSHOP 8-17-2021.PDF

5.C. August 17, 2021 Special Meeting

Documents:

MINUTES SPECIAL MEETING 8-17-2021.PDF

6. Presentations

- 6.A. Scholarship Award Winner Recognition
Ja'Quevien Spencer

- 6.B. MHRC July Reports And Financials

Documents:

AGENDA MHRC JULY REPORTS AND FINANCIALS.PDF

- 6.C. August 2021 Longevity

Documents:

AUG 2021 LONGEVITY.PDF

7. Public Meeting/Forum

Opportunity for public comment on any subject not otherwise on the agenda. THREE MINUTE MAXIMUM.

8. Public Hearing

- 8.A. Ordinance #1117: Chipola River Greenway Land Management Plan; 1st Reading

Documents:

AGENDA1117LMP.PDF
ORDINANCE 1117.PDF
LMP921D.PDF
2021 LMP APPENDIX A.PDF
2021 LMP APPENDIX B.PDF
2021 LMP APPENDIX C.PDF
2021 LMP APPENDIX D.PDF
EXHIBIT E2.PDF
2021 LMP APPENDIX F.PDF
2021 LMP APPENDIX G.PDF
2021 LMP APPENDIX H.PDF
2021 LMP APPENDIX I.PDF
2021 LMP APPENDIX J.PDF
APPENDIX K.PDF

- 8.B. PUBLIC HEARING

Community Development Block Grant (CDBG)
Disaster Recovery (DR) - Cycle 2

Documents:

AGENDA PUBLIC HEARING CDBG.PDF
NOTICE.PDF

- 8.C. PUBLIC HEARING

Hazard Mitigation Grant Program (HMGP)
Community Development Block Grant (CDBG)

Documents:

AGENDA HMGP.PDF
NOTICE000.PDF

9. Planning/Development

- 9.A. Conditional Major Development Order - Dollar General

Documents:

DGAGENDA.PDF
DOLLAR GENERAL.PDF
DOLLAR GENERAL RENDERING.JPG

10. Other Policy Matters

- 10.A. Project Skeleton
Memorandum of Understanding (MOU)

Documents:

AGENDA PROJECT SKELETON000.PDF
MOU PROJECT SKELETON.PDF

- 10.B. American Recovery Plan Act (ARPA)
COVID-19
Fiscal Recovery Fund Agreement

Documents:

AGENDA ARPA FUNDS.PDF
MARIANNA CITY OF-AMERICAN RESCUE PLAN- 8-23-2021DRAFT.PDF

- 10.C. 10" Wastewater Line Behind Jackson Hospital

Documents:

AGENDA HOSPITAL SEWER LINE.PDF
PROPOSAL-BLANKENSHIP.PDF
HOSPITAL DR.PDF

- 10.D. Peel Building Renovation Project
City Administration
Change Order #7 & #8

Documents:

AGENDA PEEL BUILDING RENOVATION PROJECT.PDF
CHANGE ORDER NO. 7.PDF
CHANGE ORDER NO. 8.PDF

- 10.E. Homecoming Parade

Documents:

HOMECOMING PARADE 2021.PDF

- 10.F. Additions To 2021-22 Dilapidated Structures' List

Documents:

AGENDADSADD.PDF
MADISON ADDITION.PDF

- 10.G. Resolution 2021-31; Lien

Documents:

AGENDALIEN.PDF
RESOLUTION OF ASSESSMENT LIENFLORIDASCOPELLC.PDF

- 10.H. Project Blue Sky - Construction Bid

Rural Infrastructure Fund (RIF)
Recommendation to Award

Documents:

AGENDA PROJECT BLUE SKY CONSTRUCTION BID.PDF
BID.PDF

- 10.I. Department Of Economic Opportunity (DEO)
Rural Infrastructure Fund (RIF)
Tri-States Water Line Improvement
Engineering Task Order

Documents:

AGENDA WATER LINE IMPROVEMENT.PDF
TASK ORDER NO. 21001.PDF

- 10.J. Memorandum Of Agreement (MOU)
Chipola College Workforce Program & City of Marianna
Community Development Projects

Documents:

AGENDA MOU CCWP CDP.PDF
MOU.PDF

- 10.K. Decommission AVGAS Fuel Tank At Airport

Documents:

AGENDA DECOMMISSION AVGAS .PDF
AVGAS TANK.PDF

- 10.L. Housing Assistance Funds
City of Marianna

Documents:

AGENDA HOUSING ASSISTANCE FUNDS.PDF
10032019 MINUTES.PDF

- 10.M. Lot At Corner Of Harley And Old Cottdale Road

Documents:

AGENDA CORNER LOT HARLEY.PDF
MAP.PDF

- 10.N. Operating Lease Approval For Resident Transport Van
Marianna Health and Rehabilitation Center (MHRC)

Documents:

BUS LEASE.PDF

- 10.O. Hazard Mitigation Grant Program (HMGP)
Community Development Block Grant (CDBG) Match
Resolution 2021-036 - Signature Authority

Documents:

AGENDA HMGP CDBG RESOLUTION 2021-036.PDF
RESOLUTION NO. 2021-036.PDF

- 10.P. Community Development Block Grant (CDBG)
Disaster Recovery (DR)
Resolution 2021-037 - Signature Authority

Documents:

AGENDA CDBG DR RESOLUTION 2021-37.PDF
RESOLUTION 2021-037.PDF

- 10.Q. Florida Gas Utility (FGU)
Discounted Natural Gas Supply
Prepay Transaction

Documents:

AGENDA FGU DISCOUNTED NG SUPPLY.PDF
FGU DISCOUNTED NG SUPPLY.PDF

11. Mayor & Commission Report

12. City Attorney

13. City Manager/Administrative Reports

- 13.A. City Of Marianna Halloween Observance
13.B. Proclamation - Constitution Week

Documents:

AGENDA PROCLAMATION FOR CONSTITUTION WEEK.PDF
CONSTITUTION WEEK PROCLAMATION.PDF

- 13.C. Redistricting Review - Section 6.05 City Charter

Documents:

AGENDA REDISTRICTING REVIEW.PDF

14. Adjourn

15. Community Redevelopment Area Board

CALL TO ORDER

- 15.A. 2021-2022 Fiscal Year CRA Recommended Funded Projects

Documents:

CRA AGENDA ITEMS 2021-2022.PDF

The City of Marianna is an Equal Opportunity Employer and a Drug-Free Workplace. In accordance with the adopted Section 504 Policy, the City

will take affirmative steps to reasonably accommodate the disabled and ensure their needs are equitably represented in City programs and activities. Pursuant to Title VI and the Civil Rights Act of 1964, the City will not exclude from participation in, deny the benefits of, or subject to discrimination anyone on the grounds of race, color, national origin, sex, age, disability, religion, language, income or family status. For assistance with EEO, Title VI or Section 504 matters contact Julie Chance at 850-482-4353. The City also has a Fair Housing Ordinance. For assistance with Fair Housing matters contact Kay Dennis at 850-482-2786. In accordance with the Americans with Disabilities Act, persons needing a special accommodation to participate in this meeting should contact the City Clerk's Office at 850-482-4353 no later than 3 days prior to the meeting. City Hall is located at 2898 Green Street, Marianna, FL.

CITY OF MARIANNA
COMMISSION AGENDA MEMO
DATE: 09/07/2021

ADMINISTRATIVE STAFF REPORT

Subject: Ordinance #1117; First Reading and Transmittal to State
Amending the City of Marianna Chipola River Greenway Land Management Plan

Detail: The Chipola River Greenway is owned by the State of Florida and managed by the City of Marianna. The Greenways include Butler Recreation Area, Gateway Overlook, and Hinson Conservation and Recreation Area. A regulatory requirement for State owned and City managed properties is scheduled updates to the State approved Land Management Plan.

The Land Management Advisory Committee met on June 17, 2021, July 8, 2021 and July 22, 2021, and reviewed the proposed land management plan. The Committee recommended approval of the plan and transmittal to the State of Florida.

Staff

Recommendation: Conduct a Public Hearing, request staff read Ordinance #1117 by title and transmit the document to the State for review.

Potential Motion: I move to request staff read Ordinance #1117 by title and transmit to the State for approval.

Prepared by: Kay Dennis, Director

Appendix F

SAL3

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

LEASE AGREEMENT
CHIPOLA RIVER GREENWAY CONSERVATION AND
RECREATION AREA

Lease Number 4262

This lease is made and entered into this 8th day of March, 2000, 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, hereinafter referred to as "LESSEE".

WITNESSETH:

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

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

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

1. DELEGATIONS OF AUTHORITY: LESSOR'S responsibilities and obligations herein shall be exercised by the Division of State Lands, Department of Environmental Protection.
2. DESCRIPTION OF PREMISES: The property subject to this lease, is situated in the County of Jackson, State of Florida,

NO. 4262-02
EXHIBIT B

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 years, commencing on March 8, 2000 and ending on March 7, 2050, 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 259.032(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 subsection 18-2.021(4), Florida Administrative Code, within twelve 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 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 fire and extended risk insurance coverage, in accordance with Chapter 284, F.S., for any buildings and improvements located on the leased premises by preparing and delivering to the Division of Risk Management, Department of Insurance, a completed Florida Fire Insurance Trust Fund Coverage Request Form and a copy of this lease 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 Public Land Administration, Division of State Lands, Department of Environmental Protection, Mail Station 130, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000.

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. POST CLOSING RESPONSIBILITIES: In an effort to define responsibilities of the LESSOR and MANAGING AGENCIES with regard to resolving post closing management issues, the parties agree to the following:

- a. After consultation with the MANAGING AGENCIES, LESSOR agrees to provide the MANAGING AGENCIES with

the title, survey and environmental products procured by the LESSOR, prior to closing.

b. LESSOR will initiate surveying services to locate and mark boundary lines of specific parcels when necessary for immediate agency management and will provide a boundary survey of the entire acquisition project at the conclusion of all acquisition within the project boundary. Provided, however, the MANAGING AGENCIES may request individual parcel boundary surveys, if necessary, prior to the conclusion of acquisition activities within the project boundaries.

c. Unless otherwise agreed to by MANAGING AGENCIES, LESSOR shall at its sole cost and expense, make a diligent effort to resolve all issues pertaining to all title defects, survey matters or environmental contamination associated with the leased premises, including but not limited to trash and debris, which were either known or should have been reasonably known by LESSOR at the time LESSOR acquired the leased premises. Notwithstanding the foregoing, LESSOR will not be responsible for any of MANAGING AGENCIES' attorney's fees, costs, or liability or damages incurred by the MANAGING AGENCIES in resolving any issue in which the MANAGING AGENCIES are named as a party in any litigation or other legal or administrative proceeding.

d. With regard to all title defects, survey matters, or environmental contamination associated with the leased premises which were not known or could not have been reasonably known by LESSOR at the time LESSOR acquired the leased premises, LESSOR and MANAGING AGENCIES agree to cooperate in developing an appropriate strategy for jointly resolving these matters. LESSOR acknowledges and understands that

MANAGING AGENCIES are unable to commit any substantial amount of their routine operating funds for the resolution of any title defect, survey matter, or environmental contamination associated with the lease premises. Notwithstanding the foregoing, LESSOR will not be responsible for any of MANAGING AGENCIES' attorney's fees, costs, or liability or damages incurred by the MANAGING AGENCIES in resolving any issue in which the MANAGING AGENCIES are named as a party in any litigation or other legal or administrative proceeding.

15. 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 Public Land Administration, Division of State Lands, Department of Environmental Protection, Mail Station 130, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, at least six 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 permanent 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

Page 6 of 20
Lease No. 4262
Revised 2/22/2000

NO. 4262-02
EXHIBIT B
1a ~ 33

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.

16. BEST MANAGEMENT PRACTICES: LESSEE shall implement applicable Best Management Practices for all activities conducted under this lease in compliance with paragraph 18-2.018(2)(h), 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.

17. 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 5E-13, Florida Administrative Code, for the purpose of obtaining a public lands arthropod control plan for such lands.

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 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 days of such notice. In the event LESSEE fails to remedy the breach to the satisfaction of LESSOR within sixty 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: (a) LESSEE shall not do, or suffer to be done, in, on or upon the leased premises or as affecting said leased premises or adjacent properties, any act which may result in damage or depreciation of value to the leased premises or adjacent properties, or any part thereof. (b) LESSEE 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 leased premises or any adjacent lands or waters in any manner not permitted by law. For the purposes of this lease, "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 LESSEE'S failure to comply with this paragraph, LESSEE 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 leased premises, and (2) all off-site ground and surface waters and lands affected by LESSEE'S such failure to comply, as may be necessary to bring the leased 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. LESSEE'S obligations set forth in this paragraph shall survive the termination or expiration of this lease. Nothing herein shall relieve LESSEE 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 LESSEE'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, LESSEE shall report such violation to all

applicable governmental agencies having jurisdiction, and to LESSOR, all within the reporting periods of the applicable governmental agencies.

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 materialman'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.

35. ADMINISTRATIVE FEE: LESSEE shall pay LESSOR an annual administrative fee of \$300. The initial annual administrative fee shall be payable within thirty days from the date of execution of this lease agreement and shall be prorated based on the number of months or fraction thereof remaining in the fiscal year of execution. For purposes of this lease agreement, the fiscal year shall be the period extending from July 1 to June 30. Each annual payment thereafter shall be due and payable on July 1 of each subsequent year.

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

Judy Woodward
Witness

Judy Woodward
Print/Type Witness Name

[Signature]
Witness

Nelissa Vickers
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

"LESSOR"

STATE OF FLORIDA
COUNTY OF LEON

8th The foregoing instrument was acknowledged before me this
day of March, 2000, by Gloria C. Nelson, as
Operations and Management Consultant Manager, Bureau of Public
Land Administration, Division of State Lands, Florida Department
of Environmental Protection, acting as agent on behalf of the
Board of Trustees of the Internal Improvement Trust Fund of the
State of Florida.

Sylvia S. Roberts
Notary Public, State of Florida



Sylvia S. Roberts
MY COMMISSION # CC654057 EXPIRES
July 25, 2001
BONDED THRU TROY FAIR INSURANCE, INC.

Print/Type Notary Name

Commission Number:

Commission Expires:

Approved as to Form and Legality

By: Sark. Hani
DEP Attorney

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

Cynthia R. Krupp
Witness
Cynthia R. Krupp
Print/Type Witness Name

By: D. H. Parrish (SEAL)

D. H. Parrish
Print/Type Name

Title: Director

Mary Spivey
Witness
Mary Spivey
Print/Type Witness Name

"LESSEE"

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this
1 day of March, 2000, by D. H. Parrish,
as Director, Office of Greenways and
Trails, Florida Department of Environmental Protection. He/she
is personally known to me or produced _____
as identification.



Mary Lynne Spivey
Notary Public, State of Florida

Mary Lynne Spivey
Print/Type Notary Name

Commission Number: 544551

Commission Expires: 5-11-00

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A"

O.R.
BOOK

712 PAGE 0641

Begin at the NW Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West, Jackson County, Florida; thence South 632.7 feet, more or less to the waters edge of the Chipola River; thence Northeasterly along said waters edge 360 feet, more or less; thence South 575 feet, more or less to the North right of way of the Old Marianna-Greenwood Road, thence Northeasterly along said right of way 2040 feet, more or less, to a point which is 379.8 feet West of and 719.5 feet South of the NE Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West; thence North 509.5 feet; thence West 17 feet; thence North 210 feet; thence West 122.5 feet; thence North 420 feet; thence West 89.4 feet; thence North 871.7 feet; thence East, 394.3 feet; thence North 1350 feet; thence West 30 feet; thence South 1320 feet; thence West, 394.3 feet; thence South, 1321.7 feet; thence West 2006.8 feet to the NW Corner of said SW1/4 and the Point of Beginning.

LESS AND EXCEPT:

COMMENCE at an existing iron pipe marking the Southwest corner of Section 2, Township 4 North, Range 10 West, Jackson County Florida, thence North 01 degrees 35 minutes 01 seconds East a distance of 1,140.41 feet to an existing nail and disc, thence North 37 degrees 27 minutes 38 seconds East a distance of 533.29 feet to an iron rod, thence North 04 degrees 12 minutes 16 seconds East a distance of 39.26 feet to a concrete monument set on the Northerly right of way of the Old U.S. Road and call this the POINT OF BEGINNING, thence continue North 04 degrees 12 minutes 16 seconds East a distance of 100.00 feet to a concrete monument, thence South 85 degrees 47 minutes 44 seconds East a distance of 100.00 feet to a concrete monument, thence South 04 degrees 12 minutes 16 seconds West a distance of 100.00 feet to an iron rod set on the Northerly right of way of the Old U. S. Road, thence North 85 degrees 47 minutes 44 seconds West a distance of 100.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

Commence at an axle marking the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 29 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road, thence run along the center of the proposed Old U.S. Road as follows: Southwesterly along a curve concave to the North, having a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.28 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to an iron rod, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to an iron rod, said point being on a curve concave to the North, thence run in a Southwesterly direction along said centerline and curve, having a radius of 3000.0 feet, through a central angle of 02 degrees 02 minutes 19 seconds, for an arc length of 106.75 feet, chord of said arc being South 71 degrees 22 minutes 40 seconds West 108.74 feet to an iron rod, thence leaving the center of said proposed Old U.S. Road and run North 16 degrees 27 minutes 25 seconds West 30.01 feet to a concrete monument on the North boundary of said proposed Old U.S. Road for a POINT OF BEGINNING, thence from said Point of Beginning run Southwesterly along a curve concave to the North and along the North boundary of said proposed Old U.S. Road, having a radius of 2970.0 feet, through a central angle of 01 degrees 09

Chipola River/Surgner

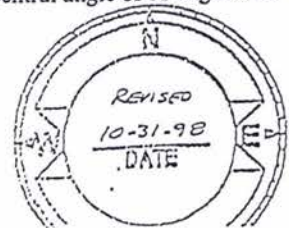


EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A" (continued)

O.R.
BOOK

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minutes 27 seconds, for an arc length of 60.0 feet, chord of said arc being South 72 degrees 57 minutes 51 seconds West 60.0 feet to a concrete monument, thence South 73 degrees 32 minutes 35 seconds West, along said North boundary, 148.0 feet to a concrete monument, thence North 16 degrees 27 minutes 25 seconds West 208.0 feet to an iron rod thence North 73 degrees 32 minutes 35 seconds East 208.0 feet to a concrete monument, thence South 18 degrees 27 minutes 25 seconds East 207.39 feet to the Point of Beginning.

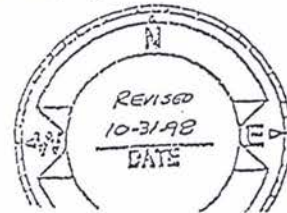
ALSO LESS AND EXCEPT:

A 60 foot strip of land, being 30 feet left and 30 feet right of the following described centerline:

Commence at the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 19 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road for a POINT OF BEGINNING, thence from said Point Of Beginning run along the center of said old U.S. Road as follows: Southwesterly along a curve concave to Northwest, having a tangent bearing of South 22 degrees 02 minutes 53 seconds West, a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.27 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to a point, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 3000.00 feet, through a central angle of 03 degrees 11 minutes 05 seconds, for an arc length of 166.75 feet, chord of said arc being South 71 degrees 57 minutes 02 seconds West 166.73 feet to a point, thence South 73 degrees 32 minutes 35 seconds West 567.65 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 1000.00 feet, through a central angle of 14 degrees 00 minutes 09 seconds, for an arc length of 244.39 feet, chord of said arc being South 80 degrees 32 minutes 39 seconds West 243.78 feet to a point, thence South 87 degrees 32 minutes 44 seconds West 325.44 feet to a point, said point being on a curve concave to the North, thence run in a Northwesterly direction along said curve, having a radius of 2000.00 feet, through a central angle of 11 degrees 34 minutes 09 seconds, for an arc length of 403.84 feet, chord of said arc being North 86 degrees 40 minutes 12 seconds West 403.15 feet to a point, thence North 80 degrees 53 minutes 07 seconds West 140.28 feet to a point, said point being on a curve concave to the Southeast, thence run in a Southwesterly direction along said curve, having a radius of 100.00 feet, through a central angle of 108 degrees 58 minutes 30 seconds, for an arc length of 190.20 feet, chord of said arc being South 44 degree 37 minutes 38 seconds West 162.80 feet to a point, thence South 09 degrees 51 minutes 37 seconds East 181.16 feet to a point, said point being on a curve concave to the West, thence run in a Southwesterly direction along said curve, having a radius of 200.0 feet, through a central angle of 35 degrees 45 minutes 33 seconds, for an arc length of 124.82 feet, chord of said arc being South 03 degrees 01 minutes 09 seconds West 122.81 feet to a point in the center of the West bound lane of U.S. Highway so and the end of this centerline description.

Extending and shortening the right-of-way lines of said road as to begin at the existing right-of-way line of Old U.S. Road and to terminate at the Northerly right-of-way line of U.S. Highway 90.

Chipola River/Surgnier



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NQ. 4262-02
EXHIBIT B

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A" (continued)

O.R.
BOOK

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ALSO LESS AND EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 93.96 feet, thence North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet, thence South 89 degrees 15 minutes 15 seconds East a distance of 30.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

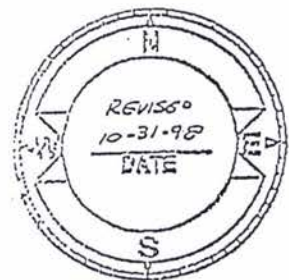
COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,320.28 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 30.00 feet to a concrete monument, thence North 89 degrees 31 minutes 48 seconds West a distance of 396.16 feet to a concrete monument, thence continue North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 30.00 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 426.16 feet to the POINT OF BEGINNING

ALSO LESS AND EXCEPT:

That portion west of the waters edge of the Chipola River.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 188, Public Records of Jackson County, Florida.

Chipola River/Surgnier



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Lease No. 4262
Revised 2/22/2000

NO. 4262-02
EXHIBIT B

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

The West 1/2 of the Northwest 1/4, the West 1/2 of the East 1/2 of the Northwest 1/4, and twelve (12) acres on the West side of the East 1/2 of the Northeast 1/4, of the Northwest 1/4, Section 2, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

The Northeast 1/4 of the Northeast 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 185, Public Records of Jackson County, Florida.

LESS AND EXCEPT: (as recorded in Deed Book 553, page 329)

Begin at an iron rod at the Southeast corner of the NE 1/4 of the NE 1/4 of Section 3, Township 4 North, Range 10 West, run West 1321.53 feet, thence right 90D03' for 582.46 feet, thence right 110D30' for 1411.28 feet, thence right 69D27' for 87.00 feet to the Point of Beginning. All lying and being in the City of Marianna, Jackson County, Florida.

ALSO LESS & EXCEPT:

COMMENCE at the Northeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida, thence North 88 degrees 42 minutes 01 seconds West a distance of 1,315.88 feet to a concrete monument, thence South 01 degrees 40 minutes 08 seconds West a distance of 505.62 feet to a concrete monument and call this the POINT OF BEGINNING, thence North 83 degrees 00 minutes 32 seconds East a distance of 22.27 feet to a concrete monument, thence South 06 degrees 59 minutes 33 seconds East a distance of 31.79 feet to an iron rod, thence South 83 degrees 14 minutes 23 seconds West a distance of 27.10 feet to a concrete monument, thence North 01 degrees 40 minutes 08 seconds East a distance of 32.05 feet to the POINT OF BEGINNING.

ALSO LESS & EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet to a concrete monument, thence North 89 degrees 15 minutes 15 seconds West a distance of 30.00 feet and call this the POINT OF BEGINNING, thence continue North 89 degrees 15 minutes 15 seconds West a distance of 396.13 feet to a concrete pillow block, thence South 01 degrees 22 minutes 09 seconds West a distance of 96.02 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 396.16 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet to the POINT OF BEGINNING.

Chipola River/Florida Public Utilities

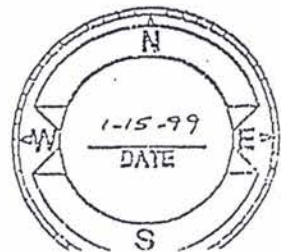


EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

That portion of the SE 1/4 of Section 10, Township 4 North, Range 10 West lying East of the Northerly and Southerly extension of the Easterly line of Less and Except Parcel #2 described in Official Records Book 632, Page 81 of the Public Records of Jackson County, Florida and West of the Chipola River, Jackson County, Florida.

ALSO:

All that portion of the Southwest 1/4 of the Southwest 1/4 of Section 11, Township 4 North, Range 10 West, Jackson County, Florida lying on the right bank of the Chipola River, said portion does not include any portion of said forty lying on the left bank of the Chipola River.

ALSO:

All that part of the NE 1/4 of the NW 1/4 and the NW 1/4 of the NE 1/4 and the NE 1/4 of the NE 1/4; lying between the Chipola River and the Marianna/Blountstown Railroad right of way all in Section 15, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

All that portion of the Northwest 1/4 of the Northwest 1/4 of Section 14, Township 4 North, Range 10 West, Jackson County, Florida lying on the right bank of the Chipola River.

TOGETHER WITH an easement for ingress and egress over and across the North 15 feet of the NW 1/4 of the SW 1/4, the East 1/2 of the SW 1/4 and the NW 1/4 of the SE 1/4 of Section 10, Township 4 North, Range 10 West, Jackson County, Florida.

Chipola River/Hinson

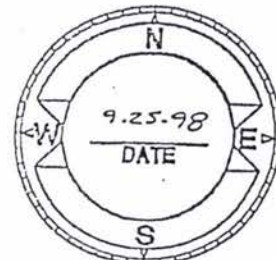


EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Commence at the Northeast corner of Section 34, Township 5 North, Range 10 West, Jackson County, Florida; thence South 89°43'22" W, a distance of 837.49 feet; thence South 38°48'23" W, a distance of 276.80 feet to a point on the Easterly right of way of State Road No. 167; thence South 63°24'53"E, a distance of 550.00 feet to the Point of Beginning; thence South 38°08'39"W, a distance of 350.00 feet; thence South 51°51'21"E, a distance of 200.00 feet; thence North 38°08'38"E, a distance of 393.32 feet to the Southerly right of way of said Meadow View Road; thence North 64°04'37"W along the Southerly right of way of said road a distance of 204.64 feet to the Point of Beginning.

Chipola River/Manor
Jackson County
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Page 11

BSM APPROVED
By SK Date 5-11-99

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NO 4262-02
EXHIBIT B
22 -- 22

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

SUBLEASE AGREEMENT

CITY OF MARIANNA CHIPOLA RIVER GREENWAY CONSERVATION
AND RECREATION AREA (141.36 ACRES)

Sublease Number 4262-02

THIS SUBLEASE AGREEMENT is entered into this 9th day of
January 2001, by and between the STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS, hereinafter referred
to as "SUBLESSOR", and CITY OF MARIANNA, 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 Chipola River Greenway Conservation and Recreation Area under TRUSTEES' Lease Number 4262.
2. DESCRIPTION OF PREMISES: The property subject to this sublease agreement, is situated in the County of Jackson, 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 March 8, 2000 and ending on March 7, 2050, unless sooner terminated pursuant to the provisions of this sublease.
4. PURPOSE: SUBLESSEE shall manage the subleased premises only for the conservation and protection of natural and historical resources and for resource based public outdoor recreation which is compatible with the conservation and protection of these public lands, as set forth in subsection 269.032(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 sublease.
5. CONFORMITY: This sublease shall conform to all terms and conditions of that certain lease between the TRUSTEES and SUBLESSOR dated March 8, 2000, 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. MANAGEMENT PLAN: SUBLESSEE shall prepare and submit a Management Plan for the subleased premises in accordance with subsection 18-2.021(4), Florida Administrative Code, within twelve months of the effective date of this sublease. The Management Plan shall be submitted to the TRUSTEES for approval through SUBLESSOR and the 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 Management Plan is approved. SUBLESSEE shall provide SUBLESSOR with an opportunity to participate in all phases of preparing and developing the Management Plan for the subleased premises. The Management 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 Management 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 Management 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 Management Plan shall provide the basic guidance for all management activities and shall be reviewed jointly by SUBLESSEE, SUBLESSOR and the TRUSTEES at least every five years. SUBLESSEE shall not use or alter the subleased premises except as provided for in the approved Management Plan without the advance written approval of the TRUSTEES and SUBLESSOR. The Management 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 Management 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 coinsureds. 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, Department of Environmental Protection, Mail Station 130, 3900 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 may elect to 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 Insurance Commissioner, 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. SIGNS: SUBLESSEE shall insure that the subleased premises are identified as being publicly owned and operated as a public outdoor recreation facility in all signs, literature and advertising and shall erect signs identifying the facility as being open to the public. If federal grants or funds are used by SUBLESSEE for any project on the subleased premises SUBLESSEE shall erect signs identifying the subleased premises as a federally assisted project.

15. 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.

16. TIME: Time is expressly declared to be of the essence of this sublease.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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: Department of Environmental Protection
Office of Greenways and Trails
3900 Commonwealth Boulevard, MS 795
Tallahassee, Florida 32399-3000

SUBLESSEE: City of Marianna, Florida
City Manager's Office
Post Office Box 936
Marianna, Florida 32447

23. 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.

24. 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 SUBLESSEE'S obligations regarding indemnification and payment of costs and fees as set forth in paragraph 12 of this sublease, nor upon any other 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.

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

26. 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, Department of Environmental Protection, Mail Station 130, 3900 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.

27. 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.

28. PUBLIC LANDS ARTHROPOD CONTROL PLAN: SUBLESSEE shall identify and subsequently designate to the respective arthropod control district or districts within one year of the effective date of this sublease, all of the environmentally sensitive and biologically highly productive lands contained within the subleased premises, in accordance with Section 388.4111, Florida Statutes and Chapter 5E-13, Florida Administrative Code, for the purpose of obtaining a public lands arthropod control plan for such lands.

29. 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.

30. 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.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. 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, maintaining the planned improvements as set forth in the approved Management Plan, keeping the subleased premises free of trash or litter, 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 on the effective date of this sublease.

37. 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.

38. 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 Department of State, Division of Historical Resources. The Management Plan prepared pursuant to Chapters 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.

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

40. 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.

41. ADMINISTRATIVE FEE: SUBLESSEE shall pay TRUSTEES an annual administrative fee of \$300 pursuant to Chapter 253.03(2), Florida Statutes, and 18-2.021(8), Florida Administrative Code. The initial annual administrative fee shall be payable within thirty days from the date of execution of this sublease agreement and shall be prorated based on the number of months or fraction thereof remaining in the fiscal year of execution. For purposes of this sublease agreement, the fiscal year shall be the period extending from July 1 to June 30. Each annual payment thereafter shall be due and payable on July 1 of each subsequent year.

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

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

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 8th day of January 2001, by Suzanne P. Walker, as Assistant Director, Office of Greenways and Trails, State of Florida Department of Environmental Protection who is personally known to me or who produced as identification.



Shannon Franklin
MY COMMISSION # CC714008 EXPIRES
MAY 23, 2002
BONDED THRU TROY FAIR INSURANCE, INC.



Shannon Franklin
MY COMMISSION # CC714008 EXPIRES
May 23, 2002
BONDED THRU TROY FAIR INSURANCE, INC.

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

By: Suzanne P. Walker (SEAL)

Suzanne P. Walker
Print/Type Name

Title: Assistant Director

"SUBLESSOR"

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

Commission Number: CC714008

Commission Expires: May 23, 2002

Jackie L. Bradley
Witness
JACKIE BRADLEY
Print/Type Witness Name
Linda Walters
Witness
LINDA WALTERS
Print/Type Witness Name

CITY OF MARIANNA, FLORIDA
By its City Council

By: Paul A. Donofrio, Jr. (SEAL)

PAUL A. DONOFRIO, JR.
Print/Type Name

Title: MAYOR

Attest: Louie Harris

Louie Harris
Print/Type Name

Title: City Clerk

(OFFICIAL SEAL)

"SUBLESSEE"

STATE OF FL.
COUNTY OF JACKSON

The foregoing instrument was acknowledged before me this 6th day of December 2000, by Paul A. Donofrio Jr., and Louie Harris as Mayor & City Clerk, respectively, on behalf of the City Council of Marianna, Florida. They are personally known to me or produced None as identification.

MARSHA D. KENT
Notary Public, State of Florida
My comm. exp. Apr. 3, 2001
Comm. No. CC877626

Marsha D. Kent
Notary Public, State of Florida

Marsha D. Kent
Print/Type Notary Name

Commission Number: CC877626

Commission Expires: April 3, 2001

Consented to by the TRUSTEES on 9th day of January, 2001.

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

Approved as to Form and Legality

By: James H. Hester
DEP Attorney

EXHIBIT "A"

LEGAL DESCRIPTION OF THE SUBLEASED PREMISES

That portion of the SE 1/4 of Section 10, Township 4 North, Range 10 West lying East of the Northerly and Southerly extension of the Easterly line of Less and Except Parcel #2 described in Official Records Book 632, Page 81 of the Public Records of Jackson County, Florida and West of the Chipola River, Jackson County, Florida.

ALSO:

All that portion of the Southwest 1/4 of the Southwest 1/4 of Section 11, Township 4 North, Range 10 West, Jackson County, Florida lying on the right bank of the Chipola River, said portion does not include any portion of said forty lying on the left bank of the Chipola River.

ALSO:

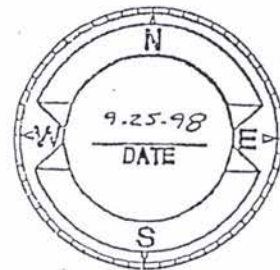
All that part of the NE 1/4 of the NW 1/4 and the NW 1/4 of the NE 1/4 and the NE 1/4 of the NE 1/4; lying between the Chipola River and the Marianna/Blountstown Railroad right of way all in Section 15, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

All that portion of the Northwest 1/4 of the Northwest 1/4 of Section 14, Township 4 North, Range 10 West, Jackson County, Florida lying on the right bank of the Chipola River.

TOGETHER WITH an easement for ingress and egress over and across the North 15 feet of the NW 1/4 of the SW 1/4, the East 1/2 of the SW 1/4 and the NW 1/4 of the SE 1/4 of Section 10, Township 4 North, Range 10 West, Jackson County, Florida.

Chipola River/Hinson



SAL3

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

LEASE AGREEMENT
CHIPOLA RIVER GREENWAY CONSERVATION AND
RECREATION AREA

Lease Number 4262

This lease is made and entered into this 8th day of March, 2000, 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, hereinafter referred to as "LESSEE".

WITNESSETH:

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

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

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

1. DELEGATIONS OF AUTHORITY: LESSOR'S responsibilities and obligations herein shall be exercised by the Division of State Lands, Department of Environmental Protection.
2. DESCRIPTION OF PREMISES: The property subject to this lease, is situated in the County of Jackson, 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 years, commencing on March 8, 2000, and ending on March 7, 2050, 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 259.032(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 subsection 18-2.021(4), Florida Administrative Code, within twelve 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 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 fire and extended risk insurance coverage, in accordance with Chapter 284, F.S., for any buildings and improvements located on the leased premises by preparing and delivering to the Division of Risk Management, Department of Insurance, a completed Florida Fire Insurance Trust Fund Coverage Request Form and a copy of this lease 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 Public Land Administration, Division of State Lands, Department of Environmental Protection, Mail Station 130, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000.

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. POST CLOSING RESPONSIBILITIES: In an effort to define responsibilities of the LESSOR and MANAGING AGENCIES with regard to resolving post closing management issues, the parties agree to the following:

- a. After consultation with the MANAGING AGENCIES, LESSOR agrees to provide the MANAGING AGENCIES with

the title, survey and environmental products procured by the LESSOR, prior to closing.

b. LESSOR will initiate surveying services to locate and mark boundary lines of specific parcels when necessary for immediate agency management and will provide a boundary survey of the entire acquisition project at the conclusion of all acquisition within the project boundary. Provided, however, the MANAGING AGENCIES may request individual parcel boundary surveys, if necessary, prior to the conclusion of acquisition activities within the project boundaries.

c. Unless otherwise agreed to by MANAGING AGENCIES, LESSOR shall at its sole cost and expense, make a diligent effort to resolve all issues pertaining to all title defects, survey matters or environmental contamination associated with the leased premises, including but not limited to trash and debris, which were either known or should have been reasonably known by LESSOR at the time LESSOR acquired the leased premises. Notwithstanding the foregoing, LESSOR will not be responsible for any of MANAGING AGENCIES' attorney's fees, costs, or liability or damages incurred by the MANAGING AGENCIES in resolving any issue in which the MANAGING AGENCIES are named as a party in any litigation or other legal or administrative proceeding.

d. With regard to all title defects, survey matters, or environmental contamination associated with the leased premises which were not known or could not have been reasonably known by LESSOR at the time LESSOR acquired the leased premises, LESSOR and MANAGING AGENCIES agree to cooperate in developing an appropriate strategy for jointly resolving these matters. LESSOR acknowledges and understands that

MANAGING AGENCIES are unable to commit any substantial amount of their routine operating funds for the resolution of any title defect, survey matter, or environmental contamination associated with the lease premises. Notwithstanding the foregoing, LESSOR will not be responsible for any of MANAGING AGENCIES' attorney's fees, costs, or liability or damages incurred by the MANAGING AGENCIES in resolving any issue in which the MANAGING AGENCIES are named as a party in any litigation or other legal or administrative proceeding.

15. 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 Public Land Administration, Division of State Lands, Department of Environmental Protection, Mail Station 130, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, at least six 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 permanent 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.

16. BEST MANAGEMENT PRACTICES: LESSEE shall implement applicable Best Management Practices for all activities conducted under this lease in compliance with paragraph 18-2.018(2)(h), 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.

17. 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 5E-13, Florida Administrative Code, for the purpose of obtaining a public lands arthropod control plan for such lands.

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 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 days of such notice. In the event LESSEE fails to remedy the breach to the satisfaction of LESSOR within sixty 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: (a) LESSEE shall not do, or suffer to be done, in, on or upon the leased premises or as affecting said leased premises or adjacent properties, any act which may result in damage or depreciation of value to the leased premises or adjacent properties, or any part thereof. (b) LESSEE 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 leased premises or any adjacent lands or waters in any manner not permitted by law. For the purposes of this lease, "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 LESSEE'S failure to comply with this paragraph, LESSEE 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 leased premises, and (2) all off-site ground and surface waters and lands affected by LESSEE'S such failure to comply, as may be necessary to bring the leased 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. LESSEE'S obligations set forth in this paragraph shall survive the termination or expiration of this lease. Nothing herein shall relieve LESSEE 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 LESSEE'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, LESSEE shall report such violation to all

applicable governmental agencies having jurisdiction, and to LESSOR, all within the reporting periods of the applicable governmental agencies.

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 materialman'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.

35. ADMINISTRATIVE FEE: LESSEE shall pay LESSOR an annual administrative fee of \$300. The initial annual administrative fee shall be payable within thirty days from the date of execution of this lease agreement and shall be prorated based on the number of months or fraction thereof remaining in the fiscal year of execution. For purposes of this lease agreement, the fiscal year shall be the period extending from July 1 to June 30. Each annual payment thereafter shall be due and payable on July 1 of each subsequent year.

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

Judy Woodard
Witness

Judy Woodard
Print/Type Witness Name

[Signature]
Witness

[Signature]
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

"LESSOR"

STATE OF FLORIDA
COUNTY OF LEON

8th The foregoing instrument was acknowledged before me this
day of March, 2000, by Gloria C. Nelson, as
Operations and Management Consultant Manager, Bureau of Public
Land Administration, Division of State Lands, Florida Department
of Environmental Protection, acting as agent on behalf of the
Board of Trustees of the Internal Improvement Trust Fund of the
State of Florida.

[Signature]
Notary Public, State of Florida



Sylvia S. Roberts
MY COMMISSION # CC654057 EXPIRES
July 25, 2001
BONDED THRU TROY FAIR INSURANCE, INC.

Print/Type Notary Name

Commission Number:

Commission Expires:

Approved as to Form and Legality

By: [Signature]
DEP Attorney

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

Cynthia R. Krupp
Witness

Cynthia R. Krupp
Print/Type Witness Name

Mary Lynne Spivey
Witness

Mary Spivey
Print/Type Witness Name

By: D. H. Parrish (SEAL)

D. H. Parrish
Print/Type Name

Title: Director

"LESSEE"

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this
1 day of March, 2000, by D. H. Parrish,
as Director, Office of Greenways and
Trails, Florida Department of Environmental Protection. He/she
is personally known to me or produced _____
as identification.



Mary Lynne Spivey
Notary Public, State of Florida

Mary Lynne Spivey
Print/Type Notary Name

Commission Number: 544551

Commission Expires: 5-11-00

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A"

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Begin at the NW Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West, Jackson County, Florida; thence South 632.7 feet, more or less to the waters edge of the Chipola River; thence Northeasterly along said waters edge 360 feet, more or less; thence South 575 feet, more or less to the North right of way of the Old Marianna-Greenwood Road, thence Northeasterly along said right of way 2040 feet, more or less, to a point which is 379.8 feet West of and 719.5 feet South of the NE Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West; thence North 509.5 feet; thence West 17 feet; thence North 210 feet; thence West 122.5 feet; thence North 420 feet; thence West 89.4 feet, thence North 871.7 feet; thence East, 394.3 feet; thence North 1350 feet; thence West 30 feet; thence South 1320 feet; thence West, 394.3 feet; thence South, 1321.7 feet; thence West 2006.8 feet to the NW Corner of said SW1/4 and the Point of Beginning.

LESS AND EXCEPT:

COMMENCE at an existing iron pipe marking the Southwest corner of Section 2, Township 4 North, Range 10 West, Jackson County Florida, thence North 01 degrees 35 minutes 01 seconds East a distance of 1,140.41 feet to an existing nail and disc, thence North 37 degrees 27 minutes 38 seconds East a distance of 533.29 feet to an iron rod, thence North 04 degrees 12 minutes 16 seconds East a distance of 39.26 feet to a concrete monument set on the Northerly right of way of the Old U.S. Road and call this the POINT OF BEGINNING, thence continue North 04 degrees 12 minutes 16 seconds East a distance of 100.00 feet to a concrete monument, thence South 85 degrees 47 minutes 44 seconds East a distance of 100.00 feet to a concrete monument, thence South 04 degrees 12 minutes 16 seconds West a distance of 100.00 feet to an iron rod set on the Northerly right of way of the Old U. S. Road, thence North 85 degrees 47 minutes 44 seconds West a distance of 100.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

Commence at an axle marking the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 29 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road, thence run along the center of the proposed Old U.S. Road as follows: Southwesterly along a curve concave to the North, having a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.28 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to an iron rod, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to an iron rod, said point being on a curve concave to the North, thence run in a Southwesterly direction along said centerline and curve, having a radius of 3000.0 feet, through a central angle of 02 degrees 02 minutes 19 seconds, for an arc length of 106.75 feet, chord of said arc being South 71 degrees 22 minutes 40 seconds West 108.74 feet to an iron rod, thence leaving the center of said proposed Old U.S. Road and run North 16 degrees 27 minutes 25 seconds West 30.01 feet to a concrete monument on the North boundary of said proposed Old U.S. Road for a POINT OF BEGINNING, thence from said Point of Beginning run Southwesterly along a curve concave to the North and along the North boundary of said proposed Old U.S. Road, having a radius of 2970.0 feet, through a central angle of 01 degrees 09

Chipola River/Surgnier



EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A" (continued)

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minutes 27 seconds, for an arc length of 60.0 feet, chord of said arc being South 72 degrees 57 minutes 51 seconds West 60.0 feet to a concrete monument, thence South 73 degrees 32 minutes 35 seconds West, along said North boundary, 148.0 feet to a concrete monument, thence North 16 degrees 27 minutes 25 seconds West 208.0 feet to an iron rod thence North 73 degrees 32 minutes 35 seconds East 208.0 feet to a concrete monument, thence South 18 degrees 27 minutes 25 seconds East 207.39 feet to the Point of Beginning.

ALSO LESS AND EXCEPT:

A 60 foot strip of land, being 30 feet left and 30 feet right of the following described centerline:

Commence at the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 19 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road for a POINT OF BEGINNING, thence from said Point Of Beginning run along the center of said old U.S. Road as follows: Southwesterly along a curve concave to Northwest, having a tangent bearing of South 22 degrees 02 minutes 53 seconds West, a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.27 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to a point, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 3000.00 feet, through a central angle of 03 degrees 11 minutes 05 seconds, for an arc length of 166.75 feet, chord of said arc being South 71 degrees 57 minutes 02 seconds West 166.73 feet to a point, thence South 73 degrees 32 minutes 35 seconds West 567.65 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 1000.00 feet, through a central angle of 14 degrees 00 minutes 09 seconds, for an arc length of 244.39 feet, chord of said arc being South 80 degrees 32 minutes 39 seconds West 243.78 feet to a point, thence South 87 degrees 32 minutes 44 seconds West 325.44 feet to a point, said point being on a curve concave to the North, thence run in a Northwesterly direction along said curve, having a radius of 2000.00 feet, through a central angle of 11 degrees 34 minutes 09 seconds, for an arc length of 403.84 feet, chord of said arc being North 86 degrees 40 minutes 12 seconds West 403.15 feet to a point, thence North 80 degrees 53 minutes 07 seconds West 140.28 feet to a point, said point being on a curve concave to the Southeast, thence run in a Southwesterly direction along said curve, having a radius of 100.00 feet, through a central angle of 108 degrees 58 minutes 30 seconds, for an arc length of 190.20 feet, chord of said arc being South 44 degree 37 minutes 38 seconds West 162.80 feet to a point, thence South 09 degrees 51 minutes 37 seconds East 181.16 feet to a point, said point being on a curve concave to the West, thence run in a Southwesterly direction along said curve, having a radius of 200.0 feet, through a central angle of 35 degrees 45 minutes 33 seconds, for an arc length of 124.82 feet, chord of said arc being South 03 degrees 01 minutes 09 seconds West 122.81 feet to a point in the center of the West bound lane of U.S. Highway so and the end of this centerline description.

Extending and shortening the right-of-way lines of said road as to begin at the existing right-of-way line of Old U.S. Road and to terminate at the Northerly right-of-way line of U.S. Highway 90.

Chipola River/Surginer



EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A" (continued)

O.R.
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ALSO LESS AND EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 93.96 feet, thence North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet, thence South 89 degrees 15 minutes 15 seconds East a distance of 30.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,320.28 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 30.00 feet to a concrete monument, thence North 89 degrees 31 minutes 48 seconds West a distance of 396.16 feet to a concrete monument, thence continue North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 30.00 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 426.16 feet to the POINT OF BEGINNING

ALSO LESS AND EXCEPT:

That portion west of the waters edge of the Chipola River.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 188; Public Records of Jackson County, Florida.

Chipola River/Surginer

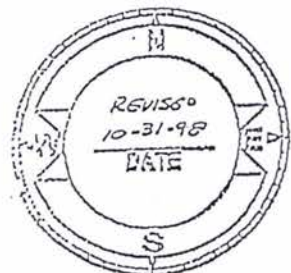


EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

The West 1/2 of the Northwest 1/4, the West 1/2 of the East 1/2 of the Northwest 1/4, and twelve (12) acres on the West side of the East 1/2 of the Northeast 1/4, of the Northwest 1/4, Section 2, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

The Northeast 1/4 of the Northeast 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 185, Public Records of Jackson County, Florida.

LESS AND EXCEPT: (as recorded in Deed Book 553, page 329)

Begin at an iron rod at the Southeast corner of the NE 1/4 of the NE 1/4 of Section 3, Township 4 North, Range 10 West, run West 1321.53 feet, thence right 90D03' for 582.46 feet, thence right 110D30' for 1411.28 feet, thence right 69D27' for 87.00 feet to the Point of Beginning. All lying and being in the City of Marianna, Jackson County, Florida.

ALSO LESS & EXCEPT:

COMMENCE at the Northeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida, thence North 88 degrees 42 minutes 01 seconds West a distance of 1,315.88 feet to a concrete monument, thence South 01 degrees 40 minutes 08 seconds West a distance of 505.62 feet to a concrete monument and call this the POINT OF BEGINNING, thence North 83 degrees 00 minutes 32 seconds East a distance of 22.27 feet to a concrete monument, thence South 06 degrees 59 minutes 33 seconds East a distance of 31.79 feet to an iron rod, thence South 83 degrees 14 minutes 23 seconds West a distance of 27.10 feet to a concrete monument, thence North 01 degrees 40 minutes 08 seconds East a distance of 32.05 feet to the POINT OF BEGINNING.

ALSO LESS & EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet to a concrete monument, thence North 89 degrees 15 minutes 15 seconds West a distance of 30.00 feet and call this the POINT OF BEGINNING, thence continue North 89 degrees 15 minutes 15 seconds West a distance of 396.13 feet to a concrete pillow block, thence South 01 degrees 22 minutes 09 seconds West a distance of 96.02 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 396.16 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet to the POINT OF BEGINNING.

Chipola River/Florida Public Utilities

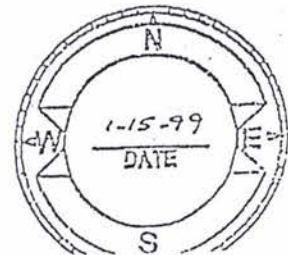


EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

That portion of the SE 1/4 of Section 10, Township 4 North, Range 10 West lying East of the Northerly and Southerly extension of the Easterly line of Less and Except Parcel #2 described in Official Records Book 632, Page 81 of the Public Records of Jackson County, Florida and West of the Chipola River, Jackson County, Florida.

ALSO:

All that portion of the Southwest 1/4 of the Southwest 1/4 of Section 11, Township 4 North, Range 10 West, Jackson County, Florida lying on the right bank of the Chipola River, said portion does not include any portion of said forty lying on the left bank of the Chipola River.

ALSO:

All that part of the NE 1/4 of the NW 1/4 and the NW 1/4 of the NE 1/4 and the NE 1/4 of the NE 1/4; lying between the Chipola River and the Marianna/Blountstown Railroad right of way all in Section 15, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

All that portion of the Northwest 1/4 of the Northwest 1/4 of Section 14, Township 4 North, Range 10 West, Jackson County, Florida lying on the right bank of the Chipola River.

TOGETHER WITH an easement for ingress and egress over and across the North 15 feet of the NW 1/4 of the SW 1/4, the East 1/2 of the SW 1/4 and the NW 1/4 of the SE 1/4 of Section 10, Township 4 North, Range 10 West, Jackson County, Florida.

Chipola River/Hinson

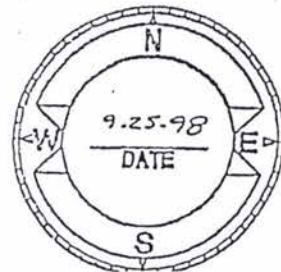


EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Commence at the Northeast corner of Section 34, Township 5 North, Range 10 West, Jackson County, Florida; thence South $89^{\circ}43'22''$ W, a distance of 837.49 feet; thence South $38^{\circ}48'23''$ W, a distance of 276.80 feet to a point on the Easterly right of way of State Road No. 167; thence South $63^{\circ}24'53''$ E, a distance of 550.00 feet to the Point of Beginning; thence South $38^{\circ}08'39''$ W, a distance of 350.00 feet; thence South $51^{\circ}51'21''$ E, a distance of 200.00 feet; thence North $38^{\circ}08'38''$ E, a distance of 393.32 feet to the Southerly right of way of said Meadow View Road; thence North $64^{\circ}04'37''$ W along the Southerly right of way of said road a distance of 204.64 feet to the Point of Beginning.

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MSA

Chipola River Manor
Jackson County
Page 1 of 1
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BLA-103

Page 11

BSM APPROVED
By SL Date 5-11-99

ATL1

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

AMENDMENT NUMBER ONE TO SUBLEASE NUMBER 4262-02
CHIPOLA RIVER GREENWAY

THIS SUBLEASE AMENDMENT is entered into this 23rd day of April, 2002, by and between the DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS, hereinafter referred to as "SUBLESSOR" and the CITY OF MARIANNA, FLORIDA, hereinafter referred to as "SUBLESSEE";

W I T N E S S E T H

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

WHEREAS, on January 9, 2001, SUBLESSOR and SUBLESSEE entered into Sublease Number 4262-02; and

WHEREAS, SUBLESSOR and SUBLESSEE desire to amend the sublease to add land to the subleased 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 subleased premises set forth in Exhibit "A" of Lease Number 4262-02 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof.

2. It is understood and agreed by SUBLESSOR and SUBLESSEE that in each and every respect the terms of the Sublease Number 4262-02, except as amended, shall remain unchanged and in full force and effect and the same are hereby ratified, approved and confirmed by SUBLESSOR and SUBLESSEE.

IN WITNESS WHEREOF, the parties have caused this Sublease
Amendment 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

By: Jena B. Brooks (SEAL)

Destiny L. Bryant
Print/Type Witness Name

Its: Director

Cynthia R. Radford
Witness

"SUBLESSOR"

Cynthia R. Radford
Print/Type Witness Name

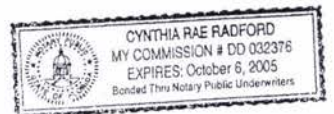
STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this
16th day of April, 2002, by Jena B. Brooks,
as Director, on behalf of the Office of Greenways and
Trails, Department of Environmental Protection, who is personally
known to me ~~or who produced~~ as identification.

Cynthia Rae Radford
Notary Public, State of Florida
Cynthia Rae Radford
Print/Type Notary Name

Commission Number:

Commission Expires:



CITY OF MARIANNA, FLORIDA,
By its City Council

Jackie L. Bradley
Witness
Jackie L. Bradley
Print/Type Witness Name
Angela C. Dennis
Witness
Angela C. Dennis
Print/Type Witness Name

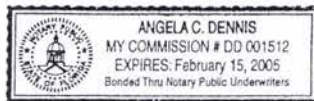
By: Roger Clay
Roger Clay
Print/Type Name
Title: Mayor
Attest: Daniel Pippin
Daniele Pippin
Print/Type Name
Title: City Clerk/Finance Director

(OFFICIAL SEAL)

STATE OF Florida
COUNTY OF Jackson

"SUBLESSEE"

The foregoing instrument was acknowledged before me this
10th day of April, 2002, by Roger Clay
and Daniel Pippin, as Mayor and
City Clerk, respectively, on behalf of the City
Council of Marianna, Florida, who are personally known to me or
who produced N/A as identification.



Angela C. Dennis
Notary Public, State of Florida
Angela C. Dennis
Print/Type Notary Name

Commission Number: DD 001512
Commission Expires: 2-15-05

CONSENT

Consented to by the TRUSTEES on 23rd day of April, 2002.

Gloria C. Nelson
Gloria C. Nelson, Operations
And Management Consultant
Manager, Bureau of Public Land
Administration, Division of
State Lands, Department of
Environmental Protection

Approved as to Form and Legality

By: David L. Nelson
DEP Attorney

EXHIBIT "A"
LEGAL DESCRIPTION OF THE PROPERTY

That portion of the following described property lying westerly of the westerly ordinary high water line of the Chipola River.

The West 1/2 of the Northwest 1/4, the West 1/2 of the East 1/2 of the Northwest 1/4, and twelve (12) acres on the West side of the East 1/2 of the Northeast 1/4, of the Northwest 1/4, Section 2, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

The Northeast 1/4 of the Northeast 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 185, Public Records of Jackson County, Florida.

LESS AND EXCEPT: (as recorded in Deed Book 553, page 329)

Begin at an iron rod at the Southeast corner of the NE 1/4 of the NE 1/4 of Section 3, Township 4 North, Range 10 West, run West 1321.53 feet, thence right 90D03' for 582.46 feet, thence right 110D30' for 1411.28 feet, thence right 69D27' for 87.00 feet to the Point of Beginning. All lying and being in the City of Marianna, Jackson County, Florida.

ALSO LESS & EXCEPT:

COMMENCE at the Northeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida, thence North 88 degrees 42 minutes 01 seconds West a distance of 1,315.88 feet to a concrete monument, thence South 01 degrees 40 minutes 08 seconds West a distance of 505.62 feet to a concrete monument and call this the POINT OF BEGINNING, thence North 83 degrees 00 minutes 32 seconds East a distance of 22.27 feet to a concrete monument, thence South 06 degrees 59 minutes 33 seconds East a distance of 31.79 feet to an iron rod, thence South 83 degrees 14 minutes 23 seconds West a distance of 27.10 feet to a concrete monument, thence North 01 degrees 40 minutes 08 seconds East a distance of 32.05 feet to the POINT OF BEGINNING.

ALSO LESS & EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet to a concrete monument, thence North 89 degrees 15 minutes 15 seconds West a distance of 30.00 feet and call this the POINT OF BEGINNING, thence continue North 89 degrees 15 minutes 15 seconds West a distance of 396.13 feet to a concrete pillow block, thence South 01 degrees 22 minutes 09 seconds West a distance of 96.02 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 396.16 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet to the POINT OF BEGINNING.

Chipola River/Florida Public Utilities

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

That portion of the following described property lying westerly of the westerly ordinary high water line of the Chipola River.

Begin at the NW Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West, Jackson County, Florida; thence South 632.7 feet, more or less to the waters edge of the Chipola River; thence Northeasterly along said waters edge 360 feet, more or less; thence South 575 feet, more or less to the North right of way of the Old Marianna-Greenwood Road, thence Northeasterly along said right of way 2040 feet, more or less, to a point which is 379.8 feet West of and 719.5 feet South of the NE Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West; thence North 509.5 feet; thence West 17 feet; thence North 210 feet; thence West 122.5 feet; thence North 420 feet; thence West 89.4 feet; thence North 871.7 feet; thence East, 394.3 feet; thence North 1350 feet; thence West 30 feet; thence South 1320 feet; thence West, 394.3 feet; thence South, 1321.7 feet; thence West 2006.8 feet to the NW Corner of said SW1/4 and the Point of Beginning.

LESS AND EXCEPT:

COMMENCE at an existing iron pipe marking the Southwest corner of Section 2, Township 4 North, Range 10 West, Jackson County Florida, thence North 01 degrees 35 minutes 01 seconds East a distance of 1,140.41 feet to an existing nail and disc, thence North 37 degrees 27 minutes 38 seconds East a distance of 533.29 feet to an iron rod, thence North 04 degrees 12 minutes 16 seconds East a distance of 39.26 feet to a concrete monument set on the Northerly right of way of the Old U.S. Road and call this the POINT OF BEGINNING, thence continue North 04 degrees 12 minutes 16 seconds East a distance of 100.00 feet to a concrete monument, thence South 85 degrees 47 minutes 44 seconds East a distance of 100.00 feet to a concrete monument, thence South 04 degrees 12 minutes 16 seconds West a distance of 100.00 feet to an iron rod set on the Northerly right of way of the Old U. S. Road, thence North 85 degrees 47 minutes 44 seconds West a distance of 100.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

Commence at an axle marking the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 29 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deduced right-of-way line of Old U.S. Road, thence run along the center of the proposed Old U.S. Road as follows: Southwesterly along a curve concave to the North, having a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.28 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to an iron rod, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to an iron rod, said point being on a curve concave to the North, thence run in a Southwesterly direction along said centerline and curve, having a radius of 3000.0 feet, through a central angle of 02 degrees 02 minutes 19 seconds, for an arc length of 106.75 feet, chord of said arc being South 71 degrees 22 minutes 40 seconds West 108.74 feet to an iron rod, thence leaving the center of said proposed Old U.S. Road and run North 16 degrees 27 minutes 25 seconds West 30.01 feet to a concrete monument on the North boundary of said proposed Old U.S. Road for a POINT OF BEGINNING, thence from said Point of Beginning run Southwesterly along a curve concave to the North and along the North boundary of said proposed Old U.S. Road, having a radius of 2970.0 feet, through a central angle of 01 degrees 09

Chipola River/Surginer

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A" (continued)

O.R.
BOOK

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minutes 27 seconds, for an arc length of 60.0 feet, chord of said arc being South 72 degrees 57 minutes 51 seconds West 60.0 feet to a concrete monument, thence South 73 degrees 32 minutes 35 seconds West, along said North boundary, 148.0 feet to a concrete monument, thence North 16 degrees 27 minutes 25 seconds West 208.0 feet to an iron rod thence North 73 degrees 32 minutes 35 seconds East 208.0 feet to a concrete monument, thence South 18 degrees 27 minutes 25 seconds East 207.39 feet to the Point of Beginning.

ALSO LESS AND EXCEPT:

A 60 foot strip of land, being 30 feet left and 30 feet right of the following described centerline:

Commence at the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 19 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road for a POINT OF BEGINNING, thence from said Point Of Beginning run along the center of said old U.S. Road as follows: Southwesterly along a curve concave to Northwest, having a tangent bearing of South 22 degrees 02 minutes 53 seconds West, a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.27 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to a point, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 3000.00 feet, through a central angle of 03 degrees 11 minutes 05 seconds, for an arc length of 166.75 feet, chord of said arc being South 71 degrees 57 minutes 02 seconds West 166.73 feet to a point, thence South 73 degrees 32 minutes 35 seconds West 567.65 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 1000.00 feet, through a central angle of 14 degrees 00 minutes 09 seconds, for an arc length of 244.39 feet, chord of said arc being South 80 degrees 32 minutes 39 seconds West 243.78 feet to a point, thence South 87 degrees 32 minutes 44 seconds West 325.44 feet to a point, said point being on a curve concave to the North, thence run in a Northwesterly direction along said curve, having a radius of 2000.00 feet, through a central angle of 11 degrees 34 minutes 09 seconds, for an arc length of 403.84 feet, chord of said arc being North 86 degrees 40 minutes 12 seconds West 403.15 feet to a point, thence North 80 degrees 53 minutes 07 seconds West 140.28 feet to a point, said point being on a curve concave to the Southeast, thence run in a Southwesterly direction along said curve, having a radius of 100.00 feet, through a central angle of 108 degrees 58 minutes 30 seconds, for an arc length of 190.20 feet, chord of said arc being South 44 degrees 37 minutes 38 seconds West 162.80 feet to a point, thence South 09 degrees 51 minutes 37 seconds East 181.16 feet to a point, said point being on a curve concave to the West, thence run in a Southwesterly direction along said curve, having a radius of 200.0 feet, through a central angle of 35 degrees 45 minutes 33 seconds, for an arc length of 124.82 feet, chord of said arc being South 03 degrees 01 minutes 09 seconds West 122.81 feet to a point in the center of the West bound lane of U.S. Highway so and the end of this centerline description.

Extending and shortening the right-of-way lines of said road as to begin at the existing right-of-way line of Old U.S. Road and to terminate at the Northerly right-of-way line of U.S. Highway 90.
Chipola River/Surguler

EXHIBIT "A"

LEGAL DESCRIPTION OF THE LEASED PREMISES

Exhibit "A" (continued)

O.R.
BOOK

712 PAGE 0643

ALSO LESS AND EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 93.96 feet, thence North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet, thence South 89 degrees 15 minutes 15 seconds East a distance of 30.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,320.28 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 30.00 feet to a concrete monument, thence North 89 degrees 31 minutes 48 seconds West a distance of 396.16 feet to a concrete monument, thence continue North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 30.00 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 426.16 feet to the POINT OF BEGINNING

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 188, Public Records of Jackson County, Florida.

Chilpola River/Surginer

EXHIBIT "A"

Parcel 1

Commence at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence North 89 degrees 38 minutes 10 seconds West along the South boundary of said Section 10 a distance of 288.58 feet to a concrete monument No.5106 lying on the Easterly right of way boundary of the Marianna and Blountstown Railroad (100.0 foot right of way abandoned). Thence South 17 degrees 23 minutes 25 seconds East along said right of way boundary a distance of 1405.10 feet, to a concrete monument No.5106 lying on the South boundary of the North half of the North half of Section 15 Township 4 North, Range 10 West, thence North 89 degrees 18 minutes 40 seconds West along said South boundary and along the South boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida a distance of 105.19 feet to a concrete monument LB#732 for the POINT OF BEGINNING. From said POINT OF BEGINNING run thence North 89 degrees 18 minutes 40 seconds West along said South boundary a distance of 1875.15 feet to a concrete monument LB#732 lying on the West boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida, thence leaving said South boundary run North 02 degrees 10 minutes 31 seconds East along said West boundary and the East boundary of property described in Official Records Book 506, Page 695 of the Public Records of Jackson County, Florida a distance of 884.94 feet to a concrete monument LB#732 marking the Northeast corner of property described in Official Records Book 506, Page 695 and lying on the South boundary of property described in Official Records Book 475, Page 905 of the Public Records of Jackson County, Florida. Thence South 89 degrees 38 minutes 10 seconds East along said South boundary a distance of 191.93 feet to a concrete monument marking the Southeast corner of property described in Official Records Book 475, Page 905 of the Public Records of Jackson County, Florida, thence North 02 degrees 10 minutes 43 seconds East along the East boundary of property described in Official Records Book 475, Page 905 and the West boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida a distance of 417.51 feet to a found one half inch iron pin No.3532, thence South 87 degrees 42 minutes 30 seconds East a distance of 213.35 feet to a concrete monument LB#732, thence North 02 degrees 10 minutes 31 seconds East along the West boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida a distance of 1355.48 feet to a concrete monument LB#732 lying on the North boundary of the Southwest Quarter of the Southwest Quarter of said Section 10, thence North 89 degrees 31 minutes 26 seconds West along said North boundary a distance of 552.49 feet to a concrete monument LB#732 lying on the East boundary of property described in Official Records Book 753, Page 759 of the Public Records of Jackson County, Florida, thence North 01 degrees 10 minutes 55 seconds East along said East boundary a distance of 55.43 feet to a concrete monument #5106, thence North 88 degrees 36 minutes 14 seconds West 667.09 feet to a concrete monument LB#732 lying on the East right of way boundary of State Road No.73, thence North 01 degrees 28 minutes 21 seconds East along said right of way boundary a distance of 30.00 feet to a concrete monument LB#732, thence South 88 degrees 36 minutes 14 seconds East 1323.76 feet to a concrete monument LB#732 lying on the Easterly side of a dirt road, thence along said Easterly side of dirt road as follows: South 66 degrees 00 minutes 58 seconds East 75.91 feet to a concrete monument LB#732, thence South 29 degrees 33 minutes 20 seconds East 155.15 feet to a concrete monument LB#732, thence South 38 degrees 03 minutes 02 seconds East 201.29 feet to a concrete monument LB#732, thence South 30 degrees 16 minutes 40 seconds East 103.57 feet to a concrete monument LB#732, thence South 41 degrees 02 minutes 21 seconds East 237.00 feet to a concrete monument LB#732, thence South 25 degrees 15 minutes 53 seconds East 268.12 feet to a concrete monument LB#732, thence South 32 degrees 54 minutes 55 seconds East 164.12 feet to a concrete monument LB#732, thence South 63 degrees 27 minutes 45 seconds East 35.12 feet to a concrete monument LB#732 marking the West right of way boundary of the aforesaid Marianna and Blountstown Railroad (100.0 foot right of way abandoned). Thence South 17 degrees 23 minutes 25 seconds East along said right of way boundary a distance of 1838.71 feet to the POINT OF BEGINNING.

Parcel 2

Begin at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence North 89 degrees 38 minutes 10 seconds West along the South boundary of said Section 10 a distance of 288.58 feet to a concrete monument No.5106 lying on the Easterly right of way boundary of the Marianna and Blountstown Railroad (100.0 foot right of way abandoned). Thence North 17 degrees 23 minutes 25 seconds West along said right of way boundary a distance of 429.08 feet to a concrete monument LB#732 lying on the North side of a dirt road, thence South 75 degrees 38 minutes 06 seconds East along said North side of dirt road a distance of 130.65 feet to a concrete monument LB#732, thence North 68 degrees 49 minutes 58 seconds East along said North side of dirt road a distance of 310.58 feet to a concrete monument

BDM APPROVED
By SS Date 3-21

EXHIBIT "A"

LB#732, thence North 72 degrees 42 minutes 49 seconds East 308.45 feet to a concrete monument marking the Southwest corner of property described Official Records Book 632, Pages 81-90 of the Public Records of Jackson County, Florida. Thence North 78 degrees 21 minutes 52 seconds East along the South boundary of said property a distance of 679.25 feet to a concrete monument No.3214 marking the Southeast corner of said property, thence leaving said South boundary run South 11 degrees 39 minutes 24 seconds East 742.03 feet to a concrete monument No.5106, thence North 89 degrees 38 minutes 10 seconds West along the aforesaid South boundary of Section 10 a distance of 1109.13 feet to the POINT OF BEGINNING.

20.0 Access Easement "A"

Commence at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence South 89 degrees 38 minutes 10 seconds East along the South boundary of said Section 10 a distance of 1109.13 feet to a concrete monument No.5106, thence North 11 degrees 39 minutes 24 seconds West 742.03 feet to a concrete monument No.3214 marking the Southeast corner of property described Official Records Book 632, Pages 81-90 of the Public Records of Jackson County, Florida. Thence South 78 degrees 21 minutes 52 seconds West along the South boundary of said property a distance of 649.25 feet, thence leaving said South boundary run South 11 degrees 38 minutes 08 seconds East 10.00 feet to the centerline of a 20.00 Access easement lying 10.0 feet each side of the following described centerline for the POINT OF BEGINNING. From said POINT OF BEGINNING run thence along said centerline as follows:

South 78 degrees 21 minutes 52 seconds West 29.51 feet, thence South 72 degrees 42 minutes 49 seconds West 308.51 feet, thence South 68 degrees 49 minutes 58 seconds West 313.45 feet, thence North 75 degrees 38 minutes 06 seconds West 127.67 feet to the Easterly right of way boundary of the Marianna and Blountstown Railroad (100.0 foot right of way abandoned) for the terminal point.

20.0 Access Easement "B"

Commence at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence South 89 degrees 38 minutes 10 seconds East along the South boundary of said Section 10 a distance of 1109.13 feet to a concrete monument No.5106, thence North 11 degrees 39 minutes 24 seconds West 742.03 feet to a concrete monument No.3214 marking the Southeast corner of property described Official Records Book 632, Pages 81-90 of the Public Records of Jackson County, Florida. Thence South 78 degrees 21 minutes 52 seconds West along the South boundary of said property a distance of 649.25 feet, thence leaving said South boundary run South 11 degrees 38 minutes 08 seconds East 10.00 feet, thence South 78 degrees 21 minutes 52 seconds West 29.51 feet, thence South 72 degrees 42 minutes 49 seconds West 308.51 feet, thence South 68 degrees 49 minutes 58 seconds West 313.45 feet, thence North 75 degrees 38 minutes 06 seconds West 127.67 feet to the easterly right of way boundary of the Mariana and Blountstown Railroad (100.0 foot right of way abandoned), thence continue North 75 degrees 38 minutes 06 seconds West 5.19 feet, thence North 86 degrees 58 minutes 39 seconds West 101.99 feet to the Westerly right of way boundary of said Mariana and Blountstown Railroad (100.0 foot right of way abandoned) for the POINT OF BEGINNING of a 20.00 Access easement lying 10.0 feet each side of the following described centerline thence along said centerline as follows:

North 86 degrees 58 minutes 39 seconds West 5.80 feet, thence North 63 degrees 27 minutes 45 seconds West 39.93 feet, thence North 32 degrees 54 minutes 55 seconds West 167.51 feet, thence North 25 degrees 25 minutes 53 seconds West 267.40 feet, thence North 41 degrees 02 minutes 21 seconds West 236.57 feet, thence North 30 degrees 16 minutes 40 seconds West 103.83 feet, thence North 38 degrees 03 minutes 02 seconds West 201.36 feet, thence North 29 degrees 33 minutes 20 seconds West 152.60 feet, thence North 66 degrees 00 minutes 58 seconds West 57.61 feet; thence North 88 degrees 36 minutes 14 seconds West 1333.80 feet to the westerly right of way boundary of State Road No.73 for the terminal point of said centerline.

ATL1

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

AMENDMENT NUMBER TWO TO SUBLEASE NUMBER 4262-02
CHIPOLA RIVER GREENWAY
(35.77 acres)

THIS SUBLEASE AMENDMENT is entered into this 2nd day of February, 2006, 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 MARIANNA, FLORIDA, hereinafter referred to as "SUBLESSEE";

W I T N E S S E T H

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

WHEREAS, on January 9, 2001, SUBLESSOR and SUBLESSEE entered into Sublease Number 4262-02; and

WHEREAS, SUBLESSOR and SUBLESSEE desire to amend the sublease to add land to the subleased 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 subleased premises set forth in Exhibit "A" of Sublease Number 4262-02 is hereby amended to include the real property described in Exhibit "A" attached hereto, and by reference made a part hereof.
2. It is understood and agreed by SUBLESSOR and SUBLESSEE that in each and every respect the terms of the Sublease Number 4262-02, except as amended, shall remain unchanged and in full force and effect and the same are hereby ratified, approved and confirmed by SUBLESSOR and SUBLESSEE.

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

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

Destiny L Bryant
Witness

Destiny L Bryant
Print/Type Witness Name

Kimberly D. Silver
Witness

Kimberly D. Silver
Print/Type Witness Name

By: [Signature]

James M. Wood
Print/Type Name

Assistant Director
Title

"SUBLESSOR"

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this
18th day of January, 2006, by
James M. Wood, as Assistant Director,
on behalf of the Office of Greenways and Trails, State of Florida
Department of Environmental Protection, who is personally known
to me.



Shannon Franklin
MY COMMISSION # DD119914 EXPIRES
May 23, 2006
BONDED THIRD PARTY INSURANCE, INC.

[Signature]
Notary Public, State of Florida

Shannon Franklin
Print/Type Notary Name

Commission Number: DD119914

Commission Expires: May 23, 2006

Dkt ID 343277

Lots 1, 2, 3 and 4, Block 7, according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23, of the Public Records of Jackson County, Florida.

AND

All of Tract 3 of the Original Riverview Subdivision, according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of the Public Records of Jackson County, Florida, less that part of Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River.

AND

Twenty-two acres in the Southeast 1/4 of the Southeast 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, of the original Riverview Subdivision according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, page 4, same being between said Tract 3 and the Chipola River, all lying and being in Jackson County, Florida.

CITY OF MARIANNA, FLORIDA
BY its City Council

Jackie L. Bradley
Witness

Jackie L. Bradley
Print/Type Witness Name

Megan Jarmen
Witness

Megan Jarmen
Print/Type Witness Name

By: Howard Milton Jr.

Howard Milton Jr.
Print/Type Name

Mayor / Council
Title

(OFFICIAL SEAL)

Attest: Kimberly J. Ginder

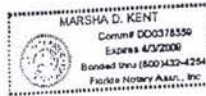
Kimberly J. Ginder
Print/Type Name

Title: City Clerk

"SUBLESSEE"

STATE OF FLORIDA
COUNTY OF JACKSON

At the foregoing instrument was acknowledged before me this
day of January, 2006, by Howard Milton Jr.
and Kimberly Ginder, as Mayor
and Clerk, respectively, on behalf of the
City Council of the City of Marianna, Florida, who are
personally known to me or who produced N/A
as identification.



Marshia D. Kent
Notary Public, State of Florida
Marshia D. Kent
Print/Type Notary Name

Commission Number: DD0378559
Commission Expires: 4/3/09

CONSENT

Consented to by the TRUSTEES on this 2nd day of February,
2006.

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

Approved as to Form and Legality
By: Paul H. Hiler
DEP Attorney

DM ID # 341968

LEGAL DESCRIPTION PER O.R. BOOK 857, PAGE 0296:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10 and call this the point of beginning, thence continue South 01 degree 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 205.5 feet to a concrete marker, thence North 77 degrees 51 minutes East 44.4 feet to a point on the West bank of the Chipola River, thence North 77 degrees 51 minutes East to the center of the Channel of the Chipola River, thence Northwesterly along the center of the channel of the Chipola River to the intersection of the South right of way of State Road 10, thence North 69 degrees 48 minutes West along the South right of way of said road to a concrete marker on the West bank of the Chipola River, thence continue North 69 degrees 48 minutes West along the South right of way of said road 173.5 feet to a concrete marker, thence North 25 degrees 08 minutes West along the South right of way of said road 71.4 feet to a concrete marker, thence Northwesterly along a curve with a delta angle of 17 degrees 26 minutes, radius 2242.01 feet a distance of 299.7 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence South 01 degrees 26 minutes West 3.56 feet and call this the point of beginning, thence South 69 degrees 07 minutes 05 seconds East a distance of 1.91 feet to a point, thence South 02 degrees 06 minutes 50 seconds East a distance of 46.07 feet to a point, thence South 04 degrees 44 minutes 17 seconds West a distance of 29.74 feet to a point, thence North 66 degrees 56 minutes West a distance of 3.16 feet to a point, thence North 01 degrees 26 minutes East a distance of 75.14 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Exhibit "A"
Page Three

ALSO LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence continue South 01 degrees 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 198.03 feet to a point and call this the point of beginning; thence North 82 degrees 43 minutes 10 seconds East 41.31 feet to a point; thence South 03 degrees 24 minutes 53 seconds East 1.13 feet to a point; thence South 77 degrees 51 minutes West 35.12 feet to a concrete marker; thence North 63 degrees 58 minutes West 7.47 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

*** FOR INFORMATIONAL
PURPOSES ONLY*

ATL1
(1.23 acres)

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

AMENDMENT NUMBER 5 TO LEASE NUMBER 4262

THIS LEASE AMENDMENT is entered into this 22nd day of September
2005, by and between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST
FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR" and STATE OF
FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND
TRAILS, 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 8, 2000, LESSOR and LESSEE entered into Lease Number
4262; 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 4262 is hereby amended to include the real property described in
Exhibit "A," attached hereto, and by reference made a part hereof.
2. It is understood and agreed by LESSOR and LESSEE that in each and every
respect the terms of the Lease Number 4262, 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.

Shannon Friedman
NY Commission # D011111 EX0115
May 23, 2008
NOMAD NEW YORK HOLDINGS, INC.

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Instrument Prepared By and

Plasma Systems, Inc.
Jeweller Delano
American Government Services Corporation
3817 W. Linebaugh Ave.
Tampa, Florida 33611
ACS # 13299

OR 1021-
Pg 207

WARRANTY DEED

(STATUTORY FORM - SECTION 689.02, F.S.)

THIS INDENTURE, made this 23rd day of May, A.D. 2005,
between Wachovia Bank, N.A., as being successor by merger to, and d/b/a
SouthTrust Bank, whose post office address is 4191 Lakemore Street,
Marietta, Florida 31446, grantor, and the BOARD OF TRUSTEES OF THE
INTERNAL EMPLOYMENT 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, Mall Square 115, Tallahassee, FL 32399-3000, grantee,

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

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

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF

Property Appraiser's Parcel Identification Number: R234N18000006180

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.

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 whatsoever.

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:

Melanie Davis
(Signature of First Witness)
Melanie Davis
Printed name of First Witness

Patricia Conway
(Signature of Second Witness)
Patricia Conway
Printed name of Second Witness

Wachovia Bank, N.A., as being successor by merger to,
and d/b/a SouthTrust Bank

BY: Howard K. Morgan, Jr.
Howard K. Morgan, Jr., as Vice President

APPROVED
FOR CLOSING

MAY 24 2005

By: William C. Robinson, Jr.
(JEP - Attorney)

(CORPORATE SEAL)

STATE OF Florida
COUNTY OF Jackson

The foregoing instrument was acknowledged before me this 23rd day of May, 2005, by
Howard K. Morgan, Jr., as Vice President of Wachovia Bank, N.A., as being successor by merger to, and d/b/a SouthTrust
Bank, on behalf of said bank. Such person (notary Public must check applicable box):

- (☒) is personally known to me
() produced a current driver's license
() produced _____ as identification

Patricia Conway
Notary Public

(NOTARY PUBLIC SEAL)

(Printed, Typed or Stamped Name of Notary Public)
Commission No. _____

My Commission Expires: _____



Exhibit "A"
Page 4 of 7
Amendment No. 5 to Lease No. 4262

01/23/2006 P.00

RECAPITULATORY SHEET

OR 1021
Pg 207

EXHIBIT "A"

LEGAL DESCRIPTION PER O.R. BOOK 857, PAGE 6296:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10 and call this the point of beginning, thence continue South 01 degree 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 63 degrees 58 minutes East 142.7 feet to a concrete marker, thence North 77 degrees 51 minutes East 44.4 feet to a point on the West bank of the Chipola River, thence North 77 degrees 51 minutes East to the center of the Channel of the Chipola River, thence Northwesterly along the center of the channel of the Chipola River to the intersection of the South right of way of State Road 10, thence North 69 degrees 48 minutes West along the South right of way of said road to a concrete marker on the West bank of the Chipola River, thence continue North 69 degrees 48 minutes West along the South right of way of said road 173.5 feet to a concrete marker, thence North 45 degrees 08 minutes West along the South right of way of said road 71.4 feet to a concrete marker, thence northwesterly along a curve with a delta angle of 17 degrees 26 minutes, radius 2242.01 feet a distance of 299.7 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

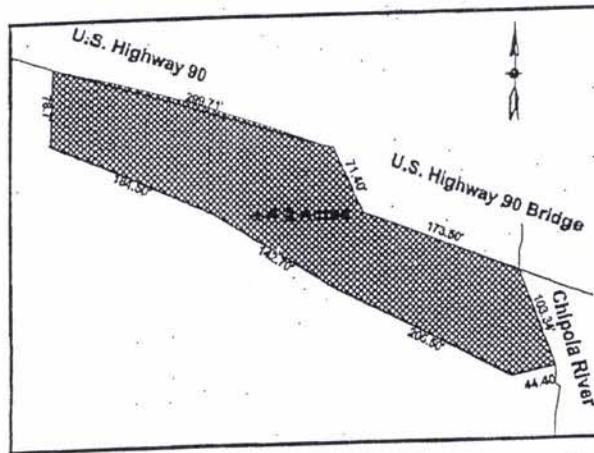
LESS AND EXCEPT:

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Printed Name: OCT - SouthTrust Bank
Acquisition Period
Said 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 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421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 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1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 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Ork ID # 341968

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Page Three

ALSO LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence continue South 01 degrees 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 198.03 feet to a point and call this the point of beginning; thence North 82 degrees 43 minutes 10 seconds East 41.31 feet to a point; thence South 03 degrees 24 minutes 53 seconds East 1.13 feet to a point; thence South 77 degrees 51 minutes West 35.12 feet to a concrete marker; thence North 63 degrees 58 minutes West 7.47 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

*FOR INFORMATIONAL
PURPOSES ONLY*

ATL1
(1.23 acres)

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

AMENDMENT NUMBER 5 TO LEASE NUMBER 4262

THIS LEASE AMENDMENT is entered into this 22nd day of September, 2005, by and between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR" and STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS, 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 8, 2000, LESSOR and LESSEE entered into Lease Number 4262; 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 4262 is hereby amended to include the real property described in Exhibit "A," attached hereto, and by reference made a part hereof.
2. It is understood and agreed by LESSOR and LESSEE that in each and every respect the terms of the Lease Number 4262, 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

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"

Judy Woodard
Witness
Judy Woodard
Print/Type Witness Name

Tracy Mason
Witness
Tracy Mason
Print/Type Witness Name

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 20th day of September, 2005, 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.

Theresa M. Brady
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:

Commission Expires:



Theresa M. Brady
Commission # D0081826
Expires Jan. 2, 2006
Sealed Thru
Atlantic Sealing Co., Inc.

Approved as to Form and Legality

By: [Signature]
DEP/Attorney

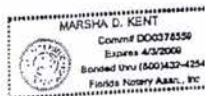
CITY OF MARIANNA, FLORIDA
BY its City Council

Jackie L. Bradley
Witness
Jackie L. Bradley
Print/Type Witness Name
Megan Jarmon
Witness
Megan Jarmon
Print/Type Witness Name

By: Howard Milton Jr.
Howard Milton Jr.
Print/Type Name
Mayor / Council
Title
(OFFICIAL SEAL)
Attest: Kirk J. Grier
Kirk J. Grier
Print/Type Name
Title: City Clerk
"SUBLESSEE"

STATE OF FLORIDA
COUNTY OF JACKSON

The foregoing instrument was acknowledged before me this 4th day of January, 2006, by Howard Milton Jr. and Kirk J. Grier, as Mayor and Clerk, respectively, on behalf of the City Council of the City of Marianna, Florida, who are personally known to me or who produced N/A as identification.



Marsha D. Kent
Notary Public, State of Florida
Marsha D. Kent
Print/Type Notary Name
Commission Number: DD0378554
Commission Expires: 4/3/09

CONSENT

Consented to by the TRUSTEES on this 2nd day of February, 2006.

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

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

Exhibit "A"
Page One

DATED 3/3/27

Lots 1, 2, 3 and 4, Block 7, according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23, of the Public Records of Jackson County, Florida.

AND

All of Tract 3 of the Original Riverview Subdivision, according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of the Public Records of Jackson County, Florida, less that part of Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River.

AND

Twenty-two acres in the Southeast 1/4 of the Southeast 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, of the original Riverview Subdivision according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, page 4, same being between said Tract 3 and the Chipola River, all lying and being in Jackson County, Florida.

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

Judy Woodard
Witness
Judy Woodard
Print/Type Witness Name

Tracey Mason
Witness
Tracey Mason
Print/Type Witness Name

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 22nd day of September, 2005, 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.

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"

Theresa M. Brady
Notary Public, State of Florida
Print/Type Notary Name

Commission Number: Theresa M. Brady
Commission Expires: Commission # D0081826
Expires Jan. 2, 2006
Sealed Thru
Atlantic Sealing Co., Inc.

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



STATION FRANKLIN
COMMISSION # D0119114 EXPORTS
MAY 23 2006
KONIGSBERG INVESTMENT INC

Instrument Prepared By and
Please Return To:
Jennifer Dalgarno
American Government Services Corporation
3817 W. Lombardi Ave.
Tampa, Florida 33611
AGS # 13359

OR 1021-
Pg 207

WARRANTY DEED
(STATUTORY FORM - SECTION 889.02, F.S.)

THIS INDENTURE, made this 23rd day of May, A.D. 2005,
between Wachovia Bank, N.A., as being successor by merger to, and d/b/a
BeethTrust Bank, whose post office address is 4170 Lafayette Street,
Maitland, Florida 32751, 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
Cassmanway Boulevard, Tallahassee, FL 32399-3000, grantees,

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

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

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF
Property Appraiser's Parcel Identification Number: R234N10000006180

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

AND the said grantor does hereby 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:

Melanie Davis
(Signature of First Witness)
Melanie Davis
Printed name of First Witness
Patricia Sawyer
(Signature of Second Witness)
Patricia Sawyer
Printed name of Second Witness

Wachovia Bank, N.A., as being successor by merger to,
and d/b/a BeethTrust Bank

BY: Howard K. Morgan, Jr.
Howard K. Morgan, Jr., as Vice President

(CORPORATE SEAL)

APPROVED
FOR CLOSING

MAY 24 2005

By: William C. Robinson, Jr.
(DEP Attorney)

STATE OF Florida
COUNTY OF Jackson

The foregoing instrument was acknowledged before me this 23rd day of May, 2005, by
Howard K. Morgan, Jr., as Vice President of Wachovia Bank, N.A., as being successor by merger to, and d/b/a BeethTrust
Bank, on behalf of said bank. Such person (notary Public must check applicable box):

(☒) is personally known to me
(☐) produced a current driver's license
(☐) produced _____ as identification

(NOTARY PUBLIC SEAL)

Patricia Sawyer
Notary Public

(Printed, Typed or Stamped Name of Notary Public)
Commission No. _____

My Commission Expires: _____

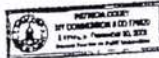


EXHIBIT "A"

LEGAL DESCRIPTION PER O.R. BOOK 857, PAGE 0296:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10 and call this the point of beginning, thence continue South 01 degree 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 205.5 feet to a concrete marker, thence North 77 degrees 51 minutes East 44.4 feet to a point on the West bank of the Chipola River, thence North 77 degrees 51 minutes East to the center of the Channel of the Chipola River, thence Northwesterly along the center of the channel of the Chipola River to the intersection of the South right of way of State Road 10, thence North 69 degrees 48 minutes West along the South right of way of said road to a concrete marker on the West bank of the Chipola River, thence continue North 69 degrees 48 minutes West along the South right of way of said road 173.5 feet to a concrete marker, thence North 25 degrees 08 minutes West along the South right of way of said road 71.4 feet to a concrete marker, thence northwesterly along a curve with a delta angle of 17 degrees 26 minutes, radius 2242.01 feet a distance of 299.7 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence South 01 degrees 26 minutes West 3.56 feet and call this the point of beginning, thence South 69 degrees 07 minutes 05 seconds East a distance of 1.91 feet to a point, thence South 02 degrees 06 minutes 50 seconds East a distance of 46.07 feet to a point, thence South 04 degrees 44 minutes 17 seconds West a distance of 29.74 feet to a point, thence North 66 degrees 56 minutes West a distance of 3.16 feet to a point, thence North 01 degrees 26 minutes East a distance of 75.14 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence continue South 01 degrees 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 198.03 feet to a point and call this the point of beginning; thence North 82 degrees 43 minutes 10 seconds East 41.31 feet to a point; thence South 03 degrees 24 minutes 53 seconds East 1.13 feet to a point; thence South 77 degrees 51 minutes West 35.12 feet to a concrete marker; thence North 63 degrees 58 minutes West 7.47 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Project Name: OCT - South Fork Bank
Acquisition Permit:
Sec 03, Twp. 4N, Rng 10W

BEFORE TO BE USED FOR CONCRETE PIER AND OVERPASS RECONSTRUCTION

BSM APPROVED
By JA Date 5/11/25

ATL1
(34.54 acres)

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

AMENDMENT NUMBER 4 TO LEASE NUMBER 4262

THIS LEASE AMENDMENT is entered into this 15th day of August,
2005, by and between the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST
FUND OF THE STATE OF FLORIDA, hereinafter referred to as "LESSOR" and STATE OF
FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND
TRAILS, 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 8, 2000, LESSOR and LESSEE entered into Lease Number
4262; 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 4262 is hereby amended to include the real property described in
Exhibit "A," attached hereto, and by reference made a part hereof.
2. It is understood and agreed by LESSOR and LESSEE that in each and every
respect the terms of the Lease Number 4262, 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

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"

Judy Woodard
Witness
Judy Woodard
Print/Type Witness Name

Brittani Hannah
Witness
Brittani Hannah
Print/Type Witness Name

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 12th day of August, 2005 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.

Diane C. Rogowski
Notary Public, State of Florida

Print/Type Notary Name

Commission Number Diane C. Rogowski
MY COMMISSION # DD113320 EXPIRES
MAY 24, 2006
Commission Expires May 24, 2006

Approved as to Form and Legality
By: Paul H. H.
DEP Attorney

DEPARTMENT OF ENVIRONMENTAL
PROTECTION, OFFICE OF GREENWAYS
AND TRAILS

By: [Signature] (SEAL)

James M. Wood

Print/Type Name

Title: Assistant Director

"LESSEE"

[Signature]
Witness

Destiny L. Bryant

Print/Type Witness Name

[Signature]
Witness

Kimberly D. Simon

Print/Type Witness Name

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 9th day of August, 2005, by James M. Wood an Assistant Director on behalf of the Office of Greenways and Trails, Department of Environmental Protection. He/she is personally known to me.

[Signature]
Notary Public, State of Florida

Shannon Franklin

Print/Type Notary Name

Commission Number: DD1199H

Commission Expires: May 23, 2006



Shannon Franklin
MY COMMISSION # DD1199H EXPIRES
May 21, 2006
BONDED THROUGH FIDELITY & GUARANTEE, INC.

EXHIBIT "A"

Lots 1, 2, 3 and 4, Block 7, according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23, of the Public Records of Jackson County, Florida.

AND

All of Tract 3 of the Original Riverview Subdivision, according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of the Public Records of Jackson County, Florida, less that part of Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River.

AND

Twenty-two acres in the Southeast 1/4 of the Southeast 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, of the original Riverview Subdivision according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, page 4, same being between said Tract 3 and the Chipola River, all lying and being in Jackson County, Florida.

**** FOR INFORMATIONAL
PURPOSES ONLY**

This Instrument Prepared By and
Please Return To:
Elaine Vergara
American Government Services Corporation
3812 W. Linebaugh Avenue
Tampa, Florida 33624
AGS # 14391

Inst. No: 2004012634 Date: 08/23/2004 Time: 10:11
Doc Stamp-Due: 488.00
DALE RABON GUTHRIE, JACKSON County
By: DE D.C. B: 979 P: 620



200401263405200033

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

THIS INDENTURE, made this 14th day of
August, A.D. 2004, between Charles J. Butler, Jr., whose
address is 1041 Park Ave., Piqua, OH 45356, 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,

O.R. 0979 PG. 0620

(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
Jackson County, Florida, to-wit:

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

Property Appraiser's Parcel Identification Number: R34-5N-10-0361-0070-0000 and R34-5N-10-0000-0010-0000

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

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

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

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

Signed, sealed and delivered in
the presence of:

Lora A. Smith
(Signature of First Witness)

Charles J. Butler, Jr.
Charles J. Butler, Jr.

Lora A. Smith
(Printed, Typed or Stamped Name
of First Witness)

Frank Barber
(Signature of Second Witness)

Frank Barber
(Printed, Typed or Stamped Name
of Second Witness)

O.R. 0979 PG. 0621

STATE OF Ohio
COUNTY OF Miami

The foregoing instrument was acknowledged before me this 14th day of August, 2004, by
Charles J. Butler, Jr. Such person (Notary Public must check applicable box):

- ☐ is personally known to me.
☒ produced a driver license.
☐ produced _____ as identification.

(NOTARY PUBLIC SEAL)

April McKinney
Notary Public

April McKinney
(Printed, Typed or Stamped Name of Notary Public)

Commission No. APRIL MCKINNEY

My Commission Expires June 17, 2007

"EXHIBIT "A"

O.R. 0979 PG. 0622

Lots 1, 2, 3 and 4, Block 7, according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23, of the Public Records of Jackson County, Florida.

AND

All of Tract 3 of the Original Riverview Subdivision, according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of the Public Records of Jackson County, Florida, less that part of Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River.

AND

Twenty-two acres in the Southeast 1/4 of the Southeast 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, of the original Riverview Subdivision according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, page 4, same being between said Tract 3 and the Chipola River, all lying and being in Jackson County, Florida.

Project Name: Marianna Greenway Trail
Owner/Parcel #: Charles J. Butler, Jr.
Sec. 34, TWP. 05N, Rng. 10W

By *JA* Date *7/27/04*
-REVISED

This instrument prepared by:
Jay Sircy,
Department of Environmental Protection
Bureau of Public Administration
Division of State Lands
3900 Commonwealth Blvd. MS 130
Tallahassee, Florida 32399-3000
AID# 28389
ATL1
[4.22 acres]

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

AMENDMENT NUMBER ONE TO LEASE NUMBER 4754

THIS LEASE AMENDMENT is entered into this 14 day of April, 2016, 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 **CITY OF MARIANNA, FLORIDA**, a Florida municipal corporation, hereinafter referred to as "LESSEE";

WITNESSETH:

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 November 19, 2015, LESSOR and LESSEE entered into Lease Number 4754 (the "lease"); and

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

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

1. The legal description of the leased premises set forth in Exhibit "A" of Lease Number 4754 is hereby amended to include the real property described in Exhibit "A" attached hereto and by reference made a part hereof.
2. It is understood and agreed by LESSOR and LESSEE that in each and every respect the terms of Lease Number 4754, except as amended, shall remain unchanged and in full force and effect and the same are hereby ratified, approved and confirmed by LESSOR and LESSEE as of the date of this amendment.
3. It is understood and agreed by LESSOR and LESSEE that this Amendment Number One to Lease Number 4754 is hereby binding upon the parties hereto and their successors and assigns.

[Remainder of page intentionally left blank; Signature page follows]

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

David Lee Fewell
Witness

DAVE FEWELL
Print/Type Witness Name

Cheryl C. McCall
Witness

Cheryl C. McCall
Print/Type Witness Name

By: Cheryl C. McCall (SEAL)
CHERYL C. McCALL, CHIEF,
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 14th day of APRIL, 2016, by Cheryl C. McCall, Chief, Bureau of Public Land Administration, Division of State Lands, State of Florida Department of Environmental Protection, as agent for and on behalf of the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida. She is personally known to me.

David Lee Fewell
Notary Public, State of Florida

Print/Type Notary Name

Commission Number:

Commission Expires:



Approved Subject to Proper Execution

By: [Signature] 3.7.16
DEP Attorney

Kelsey Escobedo
Witness

Kelsey Escobedo
Print/Type Witness Name

Linda Albright
Witness

Linda Albright
Print/Type Witness Name

CITY OF MARIANNA, FLORIDA
By its CITY COMMISSION

By: [Signature] (SEAL)
Travis Ephriam, Mayor

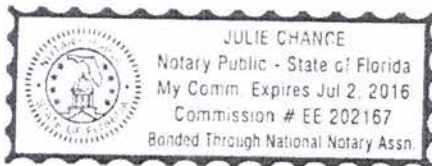
ATTEST:

[Signature]
Kimberly Applewhite, City Clerk

STATE OF FLORIDA
COUNTY OF JACKSON

"LESSEE"

The foregoing instrument was acknowledged before me this 8th day of April, 2016, by Travis Ephriam, and Kimberly Applewhite, as Mayor and City Clerk, respectively, on behalf of the City Commission of the City of Marianna, Florida. They are personally known to me or produced _____ as identification.



[Signature]
Notary Public, State of Florida
Julie Chance
Print/Type Notary Name

Commission Number:

Commission Expires:

EXHIBIT "A"

A 100' wide strip of land located in Sections 10 and 15, Township 4 North, Range 10 West, Jackson County, Florida; being a portion of the former Marianna & Blountstown Railroad; bounded on the South by the South line of the Northwest ¼ of the Northeast ¼ of said Section 15; bounded on the East by those lands described in Official Records Book 709, Page 534; bounded on the East and West by those lands described in Official Records Book 811, Page 495, Public Records of Jackson County, Florida; and bounded on the North by a line intersecting the Northeast corner of Parcel 1 with the Northwest corner of Parcel 2 of said Official Records Book 811, Page 495.

Chipola River Greenway
Adams Group Inc.
Jackson County

Retn

1300 km
200 PRTF
117740 st
In

Inst No: 01004403 Date: 04/02/2001
Doc Stamp-Deed : 1177.40
DALE RABON GUTHRIE, JACKSON County
By: dm b.C. Time: 15:40

WARRANTY DEED

O.R.
BOOK

O.R. 811 PAGE 0495
BOOK

(STATUTORY FORM - SECTION 689.02, F.S.)

mis

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

WITNESSETH: That the said Grantor, for and in consideration of the sum of Ten Dollars (\$10.00) 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 Jackson County, Florida, to-wit:

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF.

Property Appraiser's Parcel I. D. Nos.:

15-4N-1

N

GRANTOR HEREIN RESERVES UNTO HIMSELF AND HIS SUCCESSORS AND/OR ASSIGNS, A PERPETUAL NON-EXCLUSIVE EASEMENT FOR THE PURPOSE OF INGRESS AND EGRESS OVER AND ACROSS THAT PORTION OF THE PROPERTY DESCRIBED ON EXHIBIT "A" AS 20.0 ACCESS EASEMENT "A" AND 20.0 ACCESS EASEMENT "B".

GRANTOR HEREIN AFFIRMS THAT THE PROPERTY BEING CONVEYED IS NOT HIS HOMESTEAD PROPERTY.

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.

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:

Signed, sealed and delivered in the presence of:
Frank E. Randucan
 (Signature of First Witness)

(Signature of First Witness)

(Signature of First Witness)
Frank E. Bondurant

Printed Name of First Witness

Printed Name of First Witness _____
(Signature of Second Witness) _____

(Signature of Second Witness)

(Signature of Second Witness)
Jenna M. Duffy

Printed Name of Second Witness

STATE OF FLORIDA

COUNTY OF JACKSON

The foregoing instrument was acknowledged before me this 2nd day of April, 2001, by R. L. Hinson, Jr.. Such person (Notary Public must check applicable box):

() is personally known to me
() produced a current driver's license
() produced _____ as identification

(NOTARY PUBLIC SEAL)

Produced _____ as identification _____

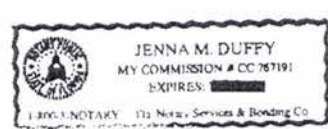
 Notary Public

Notary Public

(Printed, Typed or Stamped Name of Notary Public)

Commission No.:

Commission No.: _____
My Commission Expires: _____



Parcel 1

Commence at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence North 89 degrees 38 minutes 10 seconds West along the South boundary of said Section 10 a distance of 288.58 feet to a concrete monument No.5106 lying on the Easterly right of way boundary of the Marianna and Blountstown Railroad (100.0 foot right of way abandoned). Thence South 17 degrees 23 minutes 25 seconds East along said right of way boundary a distance of 1405.10 feet, to a concrete monument No.5106 lying on the South boundary of the North half of the North half of Section 15 Township 4 North, Range 10 West, thence North 89 degrees 18 minutes 40 seconds West along said South boundary and along the South boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida a distance of 105.19 feet to a concrete monument LB#732 for the POINT OF BEGINNING. From said POINT OF BEGINNING run thence North 89 degrees 18 minutes 40 seconds West along said South boundary a distance of 1875.15 feet to a concrete monument LB#732 lying on the West boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida, thence leaving said South boundary run North 02 degrees 10 minutes 31 seconds East along said West boundary and the East boundary of property described in Official Records Book 506, Page 695 of the Public Records of Jackson County, Florida a distance of 884.94 feet to a concrete monument LB#732 marking the Northeast corner of property described in Official Records Book 506, Page 695 and lying on the South boundary of property described in Official Records Book 475, Page 905 of the Public Records of Jackson County, Florida. Thence South 89 degrees 38 minutes 10 seconds East along said South boundary a distance of 191.93 feet to a concrete monument marking the Southeast corner of property described in Official Records Book 475, Page 905 of the Public Records of Jackson County, Florida, thence North 02 degrees 10 minutes 43 seconds East along the East boundary of property described in Official Records Book 475, Page 905 and the West boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida a distance of 417.51 feet to a found one half inch iron pin No.3532, thence South 87 degrees 42 minutes 30 seconds East a distance of 213.35 feet to a concrete monument LB#732, thence North 02 degrees 10 minutes 31 seconds East along the West boundary of property described in Official Records Book 648, Pages 791-794 of the Public Records of Jackson County, Florida a distance of 1355.48 feet to a concrete monument LB#732 lying on the North boundary of the Southwest Quarter of the Southwest Quarter of said Section 10, thence North 89 degrees 31 minutes 26 seconds West along said North boundary a distance of 552.49 feet to a concrete monument LB#732 lying on the East boundary of property described in Official Records Book 753, Page 759 of the Public Records of Jackson County, Florida, thence North 01 degrees 10 minutes 55 seconds East along said East boundary a distance of 55.43 feet to a concrete monument #5106, thence North 88 degrees 36 minutes 14 seconds West 667.09 feet to a concrete monument LB#732 lying on the East right of way boundary of State Road No.73, thence North 01 degrees 28 minutes 21 seconds East along said right of way boundary a distance of 30.00 feet to a concrete monument LB#732, thence South 88 degrees 36 minutes 14 seconds East 1323.76 feet to a concrete monument LB#732 lying on the Easterly side of a dirt road, thence along said Easterly side of dirt road as follows: South 66 degrees 00 minutes 58 seconds East 75.91 feet to a concrete monument LB#732, thence South 29 degrees 33 minutes 20 seconds East 155.15 feet to a concrete monument LB#732, thence South 38 degrees 03 minutes 02 seconds East 201.29 feet to a concrete monument LB#732, thence South 30 degrees 16 minutes 40 seconds East 103.57 feet to a concrete monument LB#732, thence South 41 degrees 02 minutes 21 seconds East 237.00 feet to a concrete monument LB#732, thence South 25 degrees 25 minutes 53 seconds East 268.12 feet to a concrete monument LB#732, thence South 32 degrees 54 minutes 55 seconds East 164.12 feet to a concrete monument LB#732, thence South 63 degrees 27 minutes 45 seconds East 35.12 feet to a concrete monument LB#732 marking the West right of way boundary of the aforesaid Marianna and Blountstown Railroad (100.0 foot right of way abandoned). Thence South 17 degrees 23 minutes 25 seconds East along said right of way boundary a distance of 1838.71 feet to the POINT OF BEGINNING.

Parcel 2

Begin at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence North 89 degrees 38 minutes 10 seconds West along the South boundary of said Section 10 a distance of 288.58 feet to a concrete monument No.5106 lying on the Easterly right of way boundary of the Marianna and Blountstown Railroad (100.0 foot right of way abandoned). Thence North 17 degrees 23 minutes 25 seconds West along said right of way boundary a distance of 429.08 feet to a concrete monument LB#732 lying on the North side of a dirt road, thence South 75 degrees 38 minutes 06 seconds East along said North side of dirt road a distance of 130.65 feet to a concrete monument LB#732, thence North 68 degrees 49 minutes 58 seconds East along said North side of dirt road a distance of 310.58 feet to a concrete monument

LB#732, thence North 72 degrees 42 minutes 49 seconds East 308.45 feet to a concrete monument marking the Southwest corner of property described Official Records Book 632, Pages 81-90 of the Public Records of Jackson County, Florida. Thence North 78 degrees 21 minutes 52 seconds East along the South boundary of said property a distance of 679.25 feet to a concrete monument No.3214 marking the Southeast corner of said property, thence leaving said South boundary run South 11 degrees 39 minutes 24 seconds East 742.03 feet to a concrete monument No.5106, thence North 89 degrees 38 minutes 10 seconds West along the aforesaid South boundary of Section 10 a distance of 1109.13 feet to the POINT OF BEGINNING.

20.0 Access Easement "A"

Commence at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence South 89 degrees 38 minutes 10 seconds East along the South boundary of said Section 10 a distance of 1109.13 feet to a concrete monument No.5106, thence North 11 degrees 39 minutes 24 seconds West 742.03 feet to a concrete monument No.3214 marking the Southeast corner of property described Official Records Book 632, Pages 81-90 of the Public Records of Jackson County, Florida. Thence South 78 degrees 21 minutes 52 seconds West along the South boundary of said property a distance of 649.25 feet, thence leaving said South boundary run South 11 degrees 38 minutes 08 seconds East 10.00 feet to the centerline of a 20.00 Access easement lying 10.0 feet each side of the following described centerline for the POINT OF BEGINNING. From said POINT OF BEGINNING run thence along said centerline as follows:

South 78 degrees 21 minutes 52 seconds West 29.51 feet, thence South 72 degrees 42 minutes 49 seconds West 308.51 feet, thence South 68 degrees 49 minutes 58 seconds West 313.45 feet, thence North 75 degrees 38 minutes 06 seconds West 127.67 feet to the Easterly right of way boundary of the Marianna and Blountstown Railroad (100.0 foot right of way abandoned) for the terminal point.

20.0 Access Easement "B"

Commence at a concrete monument No.5106 marking the Southeast corner of the Southwest Quarter of Section 10, Township 4 North, Range 10 West, Jackson County, Florida and run thence South 89 degrees 38 minutes 10 seconds East along the South boundary of said Section 10 a distance of 1109.13 feet to a concrete monument No.5106, thence North 11 degrees 39 minutes 24 seconds West 742.03 feet to a concrete monument No.3214 marking the Southeast corner of property described Official Records Book 632, Pages 81-90 of the Public Records of Jackson County, Florida. Thence South 78 degrees 21 minutes 52 seconds West along the South boundary of said property a distance of 649.25 feet, thence leaving said South boundary run South 11 degrees 38 minutes 08 seconds East 10.00 feet, thence South 78 degrees 21 minutes 52 seconds West 29.51 feet, thence South 72 degrees 42 minutes 49 seconds West 308.51 feet, thence South 68 degrees 49 minutes 58 seconds West 313.45 feet, thence North 75 degrees 38 minutes 06 seconds West 127.67 feet to the easterly right of way boundary of the Mariana and Blountstown Railroad (100.0 foot right of way abandoned), thence continue North 75 degrees 38 minutes 06 seconds West 5.19 feet, thence North 86 degrees 58 minutes 39 seconds West 101.99 feet to the Westerly right of way boundary of said Mariana and Blountstown Railroad (100.0 foot right of way abandoned) for the POINT OF BEGINNING of a 20.00 Access easement lying 10.0 feet each side of the following described centerline thence along said centerline as follows:

North 86 degrees 58 minutes 39 seconds West 5.80 feet, thence North 63 degrees 27 minutes 45 seconds West 39.93 feet, thence North 32 degrees 54 minutes 55 seconds West 167.51 feet, thence North 25 degrees 25 minutes 53 seconds West 267.40 feet, thence North 41 degrees 02 minutes 21 seconds West 236.57 feet, thence North 30 degrees 16 minutes 40 seconds West 103.83 feet, thence North 38 degrees 03 minutes 02 seconds West 201.36 feet, thence North 29 degrees 33 minutes 20 seconds West 152.60 feet, thence North 66 degrees 00 minutes 58 seconds West 57.61 feet, thence North 88 degrees 36 minutes 14 seconds West 1333.80 feet to the westerly right of way boundary of State Road No.73 for the terminal point of said centerline.

This Instrument Prepared By and

O.R. 1021 PG. 0207

Please Return To:

Jennifer DeJuan

American Government Services Corporation

3812 W. Linebaugh Ave.

Tampa, Florida 33618

AGS # 13259

Inst No: 2005009501 Date: 05/27/2005 Time: 10:45

Doc Stamp-Deed : 749.00

DALE RABON GUTHRIE, JACKSON County

By: _____ D.C. B: 1021 P: 207

WARRANTY DEED

(STATUTORY FORM - SECTION 689.02, F.S.)



THIS INDENTURE, made this 23rd day of May, A.D. 2005, between Wachovia Bank, N.A., as being successor by merger to, and d/b/a SouthTrust Bank, whose post office address is 4393 Lafayette Street, Marianna, Florida 32448, grantor, and the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF

FLORIDA, whose post office address is c/o Florida Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 115, Tallahassee, FL 32399-3000, grantee,

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

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

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF

Property Appraiser's Parcel Identification Number: R034N10000006200

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.

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:

Wachovia Bank, N.A., as being successor by merger to,
and d/b/a SouthTrust Bank

BY:

Howard K. Morgan, Jr. as Vice President

(Signature of First Witness)

Melanie Davis
Printed name of First Witness

(Signature of Second Witness)

Patricia Couey
Printed name of Second Witness

(CORPORATE SEAL)

STATE OF Florida
COUNTY OF Jackson

The foregoing instrument was acknowledged before me this 23rd day of May, 2005, by Howard K. Morgan, Jr., as Vice President of Wachovia Bank N.A., as being successor by merger to, and d/b/a SouthTrust Bank, on behalf of said bank. Such person (notary Public must check applicable box):

- ☒ is personally known to me
☐ produced a current driver's license
☐ produced _____ as identification

Notary Public

(NOTARY PUBLIC SEAL)

(Printed, Typed or Stamped Name of Notary Public)

Commission No.: _____

My Commission Expires: _____



1300Rae
1050 50 St
200PRTF

This Instrument Prepared By and
Please Return To:

Joseph R. Boyd, Esquire
Boyd, Lindsey & Branch, P.A.
1407 Piedmont Drive East
Tallahassee, Florida 32312

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

O.R. BOOK 732 PAGE 0858

THIS INDENTURE, made this 28th day of April, A.D. 1999, between **Florida Public Utilities, a Florida Corporation**, whose address is 401 South Dixie Highway, West Palm Beach, Florida 33401, Company, 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 Jackson County, Florida, to-wit:

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

Property Appraiser's Parcel Identification Number See Exhibit "A" attached hereto and by reference made a part hereof.

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.

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:

FLORIDA PUBLIC UTILITIES COMPANY,
A Florida Corporation

Mildred Wuerthner
(Signature of First Witness as to
JOHN T. ENGLISH)

BY: John T. English
NAME: **JOHN T. ENGLISH**
TITLE: **President, Chief Executive Officer**

Mildred Wuerthner
(Printed, typed or stamped name of
First Witness as to JOHN T. ENGLISH)

(CORPORATE SEAL)

Pat Goodwin
(Signature of Second Witness as to
JOHN T. ENGLISH)

Pat Goodwin
(Printed, typed or stamped name of
Second Witness as to JOHN T. ENGLISH)

**APPROVED
FOR CLOSING**

APR 27 1999

W.C. Robinson, Jr.
By: **William C. Robinson, Jr.**
(DEP Attorney)

Inst No: 99007083 Date: 05/17/99
Doc Stamps Pd: \$1050.00
Intang. Tax Pd: \$.00
DALE RABON GUTHRIE JACKSON CO.
By: Om D.C. Time: 09:49

DEEDENVD.DOC
REVISED 01/97

State of Florida
County of Palm Beach

O.R.
BOOK **732** PAGE **0859**

The foregoing instrument was acknowledged before me this 28th day of April, 1999, by **JOHN T. ENGLISH, President/Chief Executive Officer, Florida Public Utilities Company**, a Florida Corporation, on behalf of said corporation. Such person(s) (Notary Public must check applicable box):

☒ is/are personally known to me
☐ produced a current driver license(s).
☐ produced _____ as identification.

(NOTARY PUBLIC SEAL)



Bonnie L. Erdek
Notary Public

Bonnie L. Erdek
(Printed, Typed or Stamped Name of Notary Public)

My Commission Expires: April 04, 2003

APPROVED AS TO FORM AND LEGALITY

By: William C. Robinson
DEP Attorney

Date: 4-30-99

The West 1/2 of the Northwest 1/4, the West 1/2 of the East 1/2 of the Northwest 1/4, and twelve (12) acres on the West side of the East 1/2 of the Northeast 1/4, of the Northwest 1/4, Section 2, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

The Northeast 1/4 of the Northeast 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 185, Public Records of Jackson County, Florida.

LESS AND EXCEPT: (as recorded in Deed Book 553, page 329)

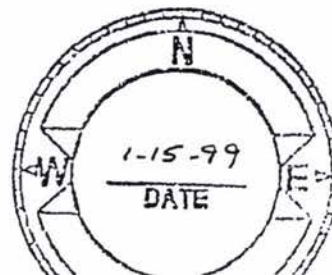
Begin at an iron rod at the Southeast corner of the NE 1/4 of the NE 1/4 of Section 3, Township 4 North, Range 10 West, run West 1321.53 feet, thence right 90D03' for 582.46 feet, thence right 110D30' for 1411.28 feet, thence right 69D27' for 87.00 feet to the Point of Beginning. All lying and being in the City of Marianna, Jackson County, Florida.

ALSO LESS & EXCEPT:

COMMENCE at the Northeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida, thence North 88 degrees 42 minutes 01 seconds West a distance of 1,315.88 feet to a concrete monument, thence South 01 degrees 40 minutes 08 seconds West a distance of 505.62 feet to a concrete monument and call this the POINT OF BEGINNING, thence North 83 degrees 00 minutes 32 seconds East a distance of 22.27 feet to a concrete monument, thence South 06 degrees 59 minutes 33 seconds East a distance of 31.79 feet to an iron rod, thence South 83 degrees 14 minutes 23 seconds West a distance of 27.10 feet to a concrete monument, thence North 01 degrees 40 minutes 08 seconds East a distance of 32.05 feet to the POINT OF BEGINNING.

ALSO LESS & EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet to a concrete monument, thence North 89 degrees 15 minutes 15 seconds West a distance of 30.00 feet and call this the POINT OF BEGINNING, thence continue North 89 degrees 15 minutes 15 seconds West a distance of 396.13 feet to a concrete pillow block, thence South 01 degrees 22 minutes 09 seconds West a distance of 96.02 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 396.16 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet to the POINT OF BEGINNING.



~~SEAL~~
SURGNIE

GRANT OF EASEMENT

13⁰⁰ Rec
SS at
2⁰⁰ prtf

STATE OF FLORIDA
COUNTY OF JACKSON

THIS INDENTURE made and entered into on this 11 day of July, 1988, by and between, Florida Public Utilities Company, a corporation under the laws of the State of Florida, of the County of Jackson and State of Florida, Grantor; and Steven P. Surgnier and his wife, Salley Ann Surgnier, of the County of Jackson and State of Florida, Grantees;
P.O. Box 784, Marianna, FL 32446

BOOK 0398 PAGE 188

WHEREAS Grantor has agreed in consideration of the sum of Ten Dollars and other good and valuable consideration do grant to Grantees and all other persons claiming by, through or under Grantor, its predecessors in title, or its assigns or legal representatives by virtue of any deeds of conveyances describing land located in the City of Marianna, Jackson County, Florida, an easement or right of way over the land described below, for the purposes and in the manner expressed below;

WHEREAS, The Grantor is seized in fee simple and in possession of lands lying in the City of Marianna, Jackson County, Florida, and that particular portion of it described below, and

NOW, THIS INDENTURE WITNESSETH:

That, in pursuant to this agreement and in consideration of the sum of Ten Dollars and other good and valuable considerations, receipt of which is acknowledged, Grantor grants unto Grantees, their heirs and assigns, and to all other likely situated as above described and their heirs and assigns;

Full and free right and liberty for them and their tenants, servants, visitors and licensees, business invitees in common with all persons having the like right, at all times hereafter, for all purposes connected with the use and enjoyment of the land of the Grantor and Grantees and those likely situated for whatever purpose the land whether for business or personal use from time to time lawfully may be used and enjoyed, to pass and repass along the provided roadway or roadways more particularly described as follows:

Commencing at the NW Corner of the SW 1/4 of Section 2, Township 4 North, Range 10 West, Jackson County, Florida; thence East 1933.0 feet to point of Beginning; thence East 73.8 feet; thence North 1321.7

Ret: Frank Allen

feet; thence West 73.8 feet; thence South 1321.7 feet to Point of Beginning.

TO HAVE AND TO HOLD the easement or right of way hereby granted unto Grantees, their heirs and assigns and those likely situated as described above, and their heirs and assigns, as appurtenant to the land of the Grantees and those likely situated and every part of it.

BOOK 0398 PAGE 189

It is understood that the easement is given upon the express understanding and condition that it may be used by Grantor, and its assigns in conjunction with the use of Grantees, their heirs and assigns and others likely situated and their heirs and assigns.

It is further understood the Grantor, nor its assigns and tenants in no way assume any liability or responsibility to Grantees, their heirs and assigns, others likely situated, their heirs and assigns, or any person using the land by invitation, expressed or implied, or by reason of any business conducted with Grantees, their heirs and assigns, or otherwise.

IN WITNESS WHEREOF, Grantor and Grantees have set their hands and seals on the day and year first above written.

Signed, Sealed and Delivered
in our presence as witnesses:

June A. Stroh
W. J. Jensen

FLORIDA PUBLIC UTILITIES COMPANY

BY: F. C. Gressman
F. C. Gressman
President

ATTESTED BY: M. J. Gressman
M. J. Gressman, Secretary
(CORPORATE SEAL)

Signed, Sealed and Delivered
in our presence as witnesses:

Quinn B. Lorne
Kathy Bradley

Steven P. Surgnier
STEVEN P. SURGNIER
Salley Ann Surgnier
SALLEY ANN SURGNIER

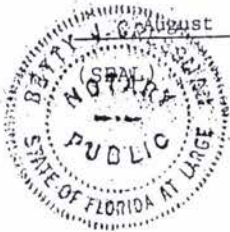
STATE OF FLORIDA
COUNTY OF Palm Beach

I, an officer authorized to take acknowledgments of easements according to the laws of the State of Florida, duly qualified and acting, hereby certify, that

F. C. Cressman and Mildred K. Hall
respectively as President and Secretary

of Florida Public Utilities Company, to me personally known, this day acknowledged before me that they executed the foregoing easement as such officers of said corporation, and that they affixed thereto the official seal of said corporation; and I further certify that I know the said persons making said acknowledgments to be the individuals described in and who executed the said easement.

IN WITNESS WHEREOF, I hereunto set my hand and official seal at West Palm Beach, said County and State, this 7th day of August, 1987.



F. C. Cressman
Notary Public
My commission expires:
12/31/88

STATE OF FLORIDA
COUNTY OF JACKSON

I HEREBY CERTIFY that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, Steven P. Surgnier and Salley Ann Surgnier to me well known and known to me to be the individuals described in and who executed the foregoing Grant of Easement, and they acknowledged before me that they executed the same freely and voluntarily for the purposes therein expressed.

WITNESSES my hand and official seal at Marianna, County of Jackson, and State of Florida, this 11 day of August, 1988.



Steven P. Surgnier
Notary Public
My commission expires:
12/31/88

This instrument prepared by:
Charles M. Wynn
Attorney At Law
Post Office Box 793
Marianna, FL 32446793

RECORDED FEBRUARY 15, 1988

DAUN CREWS
D.C.
88 SEP 21 PM 2:26

FILED FOR RECORD
IN OR BOOK 398 PAGE 188
JACKSON COUNTY, FL.

352107

RECEIVED THIS <u>21</u> DAY OF <u>Sept</u> 19 <u>88</u> s. <u>55</u>
IN PAYMENT OF DOCUMENTARY STAMPS
AND \$ <u>0.00</u> INTANGIBLE TAX
DAUN CREWS CLERK OF COURT JACKSON COUNTY, FLORIDA
BY <u>D. Spruce</u> D.C.

GRANT OF EASEMENT

13⁰⁰ *Rec*
155⁰⁰ *st*
2⁰⁰ *prtc*
THIS INDENTURE made and entered into on this 11 day of July, 1988, by Steven P. Surgnier and his wife, Salley Ann Surgnier, of Jackson County, State of Florida, Grantors, and Florida Public Utilities Company, a corporation during business 311 N. Jefferson St., Marianna, FL 32446 under the laws of the State of Florida, of the County of Jackson and State of Florida, Grantee; *BOOK* 0398 *PAGE* 185

WHEREAS, Grantors have agreed in consideration of the sum of Ten Dollars and other good valuable considerations do grant to Grantee and all other persons claiming by through or under Grantors, or either of them their predecessors in title, or their heirs, assigns or legal representatives by virtue of any deeds of conveyances describing land located in the City of Marianna, Jackson County, Florida, an easement or right of way over the land described below, for the purposes and in the manner expressed below;

WHEREAS, The Grantors, are seized in fee simple and in possession of lands lying in the City of Marianna, Jackson County, Florida, and that particular portion of it described below, and

NOW, THIS INDENTURE WITNESSETH:

That, in pursuant to this agreement and in consideration of the sum of Ten Dollars and other valuable considerations, receipt of which is acknowledged, Grantors grant unto Grantee, its assigns, and to all other likely situated as above described and its heirs and assigns;

Full and free right and liberty for it and its tenants, servants, visitors and licensees, business invitees in common with all persons having the like right, at all times hereafter, for all purposes connected with the use and enjoyment of the land of the Grantee and Grantors and those likely situated for whatever purpose the land whether for business or personal use from time to time lawfully may be used and enjoyed, to pass and repass along the provided roadway or roadways more particularly described as follows:

Commencing at the NW Corner of the SW 1/4 of Section 2, Township 4 North, Range 10 West, Jackson County, Florida; thence East 1923.0 feet to Point of Beginning; thence South 856.0 feet along old road bed to county graded road; thence East along county graded road 60.0 feet; thence North 856.0 feet along old road bed; thence West 60.0 feet to Point of Beginning.

RET: Grant Allen

TO HAVE AND TO HOLD the easement or right of way hereby granted unto Grantee, its assigns and those likely situated as described above, and its assigns, as appurtenant to the land of the Grantee and those likely situated and every part of ^{or} ~~BOOK~~ 0398 PAGE 186

It is understood that the easement is given upon the express understanding and condition that it may be used by Grantors, their heirs, executors, administrators and assigns and future transferees and grantees in conjunction with the use of the Grantee, its assignees and other likely situated and their assignees.

It is further understood the Grantors, nor their assigns and tenants in no way assume any liability or responsibility to Grantee, its assigns or others likely situated, its assigns or any person using the land by invitation, expressed or implied, or by reason of any business conducted with Grantee, its assigns or otherwise.

IN WITNESS WHEREOF, Grantors and Grantee have set their hands and seals on the day and year first above written.

Signed, Sealed and Delivered
in our Presence as witnesses
as to Grantors:

Quinto B. Lema
Kathy W. Wray

Signed, Sealed and Delivered
in our Presence as witnesses
as to Grantee:

James A. Stroh
Ch. J. J. J. J.

STATE OF FLORIDA
COUNTY OF JACKSON

I HEREBY CERTIFY That on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, Steven P. Surgnier and Salley Ann Surgnier, to me well known and known to me to be the individuals described in and who executed the foregoing easement, and they acknowledged before me that they executed the same freely and voluntarily for the purposes therein expressed.

Steven P. Surgnier
STEVEN P. SURGNIER, GRANTOR

Salley Ann Surgnier
SALLEY ANN SURGNIER, GRANTOR

FLORIDA PUBLIC UTILITIES COMPANY

BY: F. C. Cressman
F. C. Cressman
President
ATTESTED BY: Mildred K. Hall
Mildred K. Hall, Secretary
(CORPORATE SEAL)





WITNESSETH my hand and official seal at Marianna, Jackson
Florida, this 11 day of July, 1988.

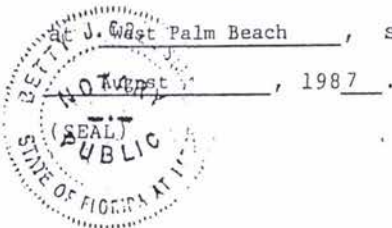
BOOK 0898 PAGE 187
Letty J. Cressman
NOTARY PUBLIC
My commission expires:

My Commission Expires: January 15, 1992

STATE OF FLORIDA
COUNTY OF Palm Beach

I, an officer authorized to take acknowledgments of
easements according to the laws of the State of Florida, duly
qualified and acting, hereby certify, that
F. C. Cressman and Mildred K. Hall
respectfully as President and Secretary
of Florida Public Utilities Company, to me personally known, this
day acknowledged before me that they executed the foregoing easement
s such officers of said corporation, and that they affixed thereto
the official seal of said corporation; and I further certify that I
know the said persons making said acknowledgments to be the
individuals described in and who executed the easement.

IN WITNESS WHEREOF, I hereunto set my hand and official seal



At J. West Palm Beach, said County and State, this 7th day of
August, 1987.

Letty J. Cressman
Notary Public
My commission expires:

This instrument prepared by:
Charles M. Wynn
Attorney At Law
P. O. Box 793
Marianna, Florida 324460793

RECEIVED THIS	<u>21</u>	DAY OF
	<u>Sept</u>	<u>1988</u>
IN PAYMENT OF DOCUMENTARY STAMPS		
AND \$	<u>0</u>	INTANGIBLE TAX
DAUN CREWS CLERK OF COURT JACKSON COUNTY, FLORIDA		
BY	<u>D. Spruce</u>	D.C.

FILED FOR RECORD
IN OR BOOK 398 PAGE 185
JACKSON COUNTY, FL.
88 SEP 21 PM 2 26
Letty J. Cressman
DAUN CREWS
CLERK OF COURT

352106

(\$1,021.00 Federal Rev. Stamp)
(240.00 Florida " ")

This indenture made and entered into as of the first day of July, 1935 (delivered July 30, 1935) between SOUTHERN STATES POWER COMPANY, a corporation under the laws of the State of Delaware, party of the first part, and FLORIDA PUBLIC UTILITIES COMPANY, a corporation under the laws of the State of Florida, party of the second part;

W I T N E S S E T H:

For and in consideration of one dollar (\$1.00) to party of the first part in hand paid by party of the second part, and of other considerations which are hereby acknowledged to be good, valuable and sufficient; and for the purpose of liquidation, party of the first part has granted, bargained, sold, conveyed, set over and assigned, and by these presents does grant, bargain, sell, convey, set over and assign unto party of the second part, its successors or assigns, forever, all those certain parcels of land and real estate and other property herein mentioned, more particularly described as follows:

All those tracts and parcels of land and real estate lying, being and situate in Jackson County, State of Florida, more particularly described as follows:

Realty at Dry Creek Plant:

Northeast quarter, northeast quarter of northwest quarter, southwest quarter of northwest quarter, and north half of southwest quarter of section four (4);

West half of northeast quarter, southeast quarter of northeast quarter, east half of northwest quarter, and the south half of section five (5);

North half of southeast quarter of southwest quarter, and south half of southeast quarter of section six (6); all of said lands being in Township three (3) north, Range ten (10) west.

Also all other lands in Section 4, Township 3 north, Range 10 west, in said State and County, on which is situated any dam, building, structure, or other part of the hydro electric plant known on January 29, 1927 as Thomas' Dry Creek Power Plant, or which may be overflowed or covered by the mill pond or lake adjacent to said plant, and which was on January 29, 1927 owned by either G. M. Thomas or L. L. Thomas; subject to right of public to use the highway which was on January 29, 1927 situated on and across the dam located on said land.

Marianna Plant:

Also the following described real estate, situated in the City of Marianna, Florida, to-wit:

Lots 118 and 119, south of the M. & B. Railroad, as per plan of original town of Marianna, including the dwelling house and lot in Marianna, Florida which was owned by G. M. Thomas on January 29, 1927, and known as the J. W. Johnson residence lot; said lands being in the City of Marianna, Jackson County, Florida.

Transmission Line Marianna to Dry Creek:

Also the electric transmission line, complete, extending from the hydro electric plant at Dry Creek in Section 4, Township 3 north, Range 10 West, in Jackson County, Florida to the City limits of the City of Marianna, Florida, including all poles, cross arms, wires, insulators, fixtures, and appliances used in connection with, or belonging to said transmission line, and including all transformers, connections and power connections extending to said plant.

Transmission line Marianna to Cottondale:

Also the electric transmission line complete extending from the power plant which was on January 29, 1927 owned by G. M. Thomas, in the City of Marianna, to the Town of Cottondale, Jackson County, Florida, including all poles, cross-arms, wires, insulators, fixtures, connections, transformers, and appliances belonging to or used in connection with the said transmission line, and including all transformers, connection wires and service connections extending to consumers of electric current along said line; and also all rights-of-way, leases, easements, licenses, permits, franchises, and privileges owned, held, used or enjoyed by G. M. Thomas or L. L. Thomas or either of them, on January 29, 1927, in connection with said transmission line, including specifically the franchise granted by the City of Marianna for the establishment and maintenance of said line through the City of Marianna; and also including land from R. M. Medlock and wife, dated May 1st, 1926 to G. M. Thomas, granting right-of-way over NE $\frac{1}{4}$ of NW $\frac{1}{4}$ and NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 6, Township 4 north, Range 10 West, for said line; and also including the permit granted by the State Road Department of Florida to A. C. Thomas and G. M. Thomas for the establishment and maintenance of said line upon and along State Road No. One.

All of the above described property having been acquired by party of the first part by indenture dated January 29, 1927 executed by G. M. Thomas and his wife, L. L. Thomas and recorded in the office of the Clerk of the Circuit Court of Jackson County, Florida on February 9, 1927 in Deed Book 206 at page 426.

Also all those certain parcels, tracts and pieces of land and real estate and other property lying, being and situate in Jackson County, State of Florida, more particularly described as follows:

The west half of the northwest Quarter, the west half of the east half of northwest quarter, and twelve (12) acres on the west side of the east half of the northeast Quarter of northwest Quarter, of Section Two (2); also northeast quarter of northeast quarter of Section three (3); all being in Township four (4) north, Range Ten (10) West;

Also all right, title and interest which the Marianna Light and Power Company, a corporation existing on January 31st, 1927 under the laws of Florida had owned or held on that date in and to any other lands situated in Sections (2) and Three (3), Township Four (4) North, Range Ten (10) West, in Jackson County, Florida, not hereinabove specifically described.

All of the above described property having been acquired by party of the first part by indenture dated January 31, 1927 executed by Marianna Light and Power Company, recorded February 9, 1927 in Deed Book 206, pages 425, et seq. of the records in the Clerk's office of the Circuit Court of Jackson County, Florida.

ALSO: All the following described land, lying and being in Jackson County, Florida:

All of west half of section 33, Township 5 North, Range 9 West, which lies south and west of Marianna and Dellwood public road, more particularly described as follows:

Beginning at the southwest corner of said Section, running thence east along south boundary of said section to southeast corner of southwest quarter of said section; thence north along half-section line a distance of 3356 feet; thence 768.4 feet south 73 degrees 25 minutes west; thence south 85 degrees 51 minutes west

1300Rc
105000st
200PRF

This Instrument Prepared By and
Please Return To:
Joseph R. Boyd, Esquire
Boyd, Lindsey & Branch, P.A.
1407 Piedmont Drive East
Tallahassee, Florida 32312

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

O.R. BOOK 732 PAGE 0858

THIS INDENTURE, made this 28th day of April, A.D. 1999, between Florida Public Utilities, a Florida Corporation, whose address is 401 South Dixie Highway, West Palm Beach, Florida 33401, Company, 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 Jackson County, Florida, to-wit:

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

Property Appraiser's Parcel Identification Number: See Exhibit "A" attached hereto and by reference made a part hereof.

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.

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:

FLORIDA PUBLIC UTILITIES COMPANY,
A Florida Corporation

BY: John T. English
NAME: JOHN T. ENGLISH
TITLE: President, Chief Executive Officer

Mildred Wuerthner
(Signature of First Witness as to
JOHN T. ENGLISH)

Mildred Wuerthner
(Printed, typed or stamped name of
First Witness as to JOHN T. ENGLISH)

Pat Goodwin
(Signature of Second Witness as to
JOHN T. ENGLISH)

Pat Goodwin
(Printed, typed or stamped name of
Second Witness as to JOHN T. ENGLISH)

(CORPORATE SEAL)

APPROVED
FOR CLOSING

APR 27 1999
WCK

By: William C. Robinson, Jr.
(DEP Attorney)

Inst No: 99007083 Date: 05/17/99
Doc Stamps Pd: \$1050.00
Intang. Tax Pd: \$.00
DALE RABON GUTHRIE JACKSON CO.
By: Om D.C. Time: 09:49

DEED00V.DOC
REVISED 1/25/97

State of Florida
County of Palm Beach

O.R.
BOOK 732 PAGE 0859

The foregoing instrument was acknowledged before me this 28th day of April, 1999, by JOHN T. ENGLISH, President/Chief Executive Officer, Florida Public Utilities Company, a Florida Corporation, on behalf of said corporation. Such person(s) (Notary Public must check applicable box):

☒ is/are personally known to me.
☐ produced a current driver license(s).
☐ produced _____ as identification.

(NOTARY PUBLIC SEAL)



Bonnie L. Erdek
Notary Public

Bonnie L. Erdek
(Printed, Typed or Stamped Name of Notary Public)

My Commission Expires: April 04, 2003

APPROVED AS TO FORM AND LEGALITY

By: William C. Robinson
DEP Attorney
Date: 4-30-99

The West 1/2 of the Northwest 1/4, the West 1/2 of the East 1/2 of the Northwest 1/4, and twelve (12) acres on the West side of the East 1/2 of the Northeast 1/4, of the Northwest 1/4, Section 2, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

The Northeast 1/4 of the Northeast 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 185, Public Records of Jackson County, Florida.

LESS AND EXCEPT: (as recorded in Deed Book 553, page 329)

Begin at an iron rod at the Southeast corner of the NE 1/4 of the NE 1/4 of Section 3, Township 4 North, Range 10 West, run West 1321.53 feet, thence right 90D03' for 582.46 feet, thence right 110D30' for 1411.28 feet, thence right 69D27' for 87.00 feet to the Point of Beginning. All lying and being in the City of Marianna, Jackson County, Florida.

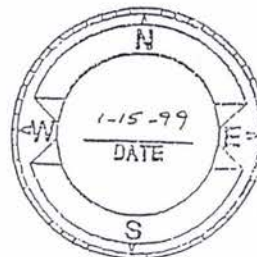
ALSO LESS & EXCEPT:

COMMENCE at the Northeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida, thence North 88 degrees 42 minutes 01 seconds West a distance of 1,315.88 feet to a concrete monument, thence South 01 degrees 40 minutes 08 seconds West a distance of 505.62 feet to a concrete monument and call this the POINT OF BEGINNING, thence North 83 degrees 00 minutes 32 seconds East a distance of 22.27 feet to a concrete monument, thence South 06 degrees 59 minutes 33 seconds East a distance of 31.79 feet to an iron rod, thence South 83 degrees 14 minutes 23 seconds West a distance of 27.10 feet to a concrete monument, thence North 01 degrees 40 minutes 08 seconds East a distance of 32.05 feet to the POINT OF BEGINNING.

ALSO LESS & EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet to a concrete monument, thence North 89 degrees 15 minutes 15 seconds West a distance of 30.00 feet and call this the POINT OF BEGINNING, thence continue North 89 degrees 15 minutes 15 seconds West a distance of 396.13 feet to a concrete pillow block, thence South 01 degrees 22 minutes 09 seconds West a distance of 96.02 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 396.16 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet to the POINT OF BEGINNING.

Chipola River/Florida Public Utilities



This Instrument Prepared By and
Please Return To:

Joseph R. Boyd, Esquire
Boyd, Lindsey & Branch, P.A.
1407 Piedmont Drive East
Tallahassee, Florida 32312

1300 Rte
1050 50 St
200 PRTF

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

O.R. 732 PAGE 0858
BOOK

THIS INDENTURE, made this 28th day of April, A.D. 1999, between Florida Public Utilities, a Florida Corporation, whose address is 401 South Dixie Highway, West Palm Beach, Florida 33401, Company, 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 Jackson County, Florida, to-wit:

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

Property Appraiser's Parcel Identification Number: See Exhibit "A" attached hereto and by reference made a part hereof.

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.

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:

FLORIDA PUBLIC UTILITIES COMPANY,
A Florida Corporation

Mildred Wuerthner
(Signature of First Witness as to
JOHN T. ENGLISH)

BY: John T. English
NAME: JOHN T. ENGLISH
TITLE: President, Chief Executive Officer

Mildred Wuerthner
(Printed, typed or stamped name of
First Witness as to JOHN T. ENGLISH)

(CORPORATE SEAL)

Pat Goodwin
(Signature of Second Witness as to
JOHN T. ENGLISH)

Pat Goodwin
(Printed, typed or stamped name of
Second Witness as to JOHN T. ENGLISH)

APPROVED
FOR CLOSING

APR 27 1999
WCR
By: William C. Robinson, Jr.
(DEP Attorney)

Inst No: 99007083 Date: 05/17/99
Doc Stamps Pd: \$1050.00
Intang. Tax Pd: \$.00
DALE RABON GUTHRIE JACKSON CO.
By: Om D.C. Time: 09:49

DEED001.DOC
REVISED 10/20/91

State of Florida
County of Palm Beach

O.R. BOOK 732 PAGE 0859

The foregoing instrument was acknowledged before me this 28th day of April, 1999, by JOHN T. ENGLISH, President/Chief Executive Officer, Florida Public Utilities Company, a Florida Corporation, on behalf of said corporation. Such person(s) (Notary Public must check applicable box):

☒ is/are personally known to me.
☐ produced a current driver license(s).
☐ produced _____ as identification.

(NOTARY PUBLIC SEAL)



Bonnie L. Erdek
Notary Public

Bonnie L. Erdek
(Printed, Typed or Stamped Name of Notary Public)

My Commission Expires: April 04, 2003

APPROVED AS TO FORM AND LEGALITY

By: William C. Robinson
DEP Attorney

Date: 4-30-99

The West 1/2 of the Northwest 1/4, the West 1/2 of the East 1/2 of the Northwest 1/4, and twelve (12) acres on the West side of the East 1/2 of the Northeast 1/4, of the Northwest 1/4, Section 2, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO:

The Northeast 1/4 of the Northeast 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 185, Public Records of Jackson County, Florida.

LESS AND EXCEPT: (as recorded in Deed Book 553, page 329)

Begin at an iron rod at the Southeast corner of the NE 1/4 of the NE 1/4 of Section 3, Township 4 North, Range 10 West, run West 1321.53 feet, thence right 90D03' for 582.46 feet, thence right 110D30' for 1411.28 feet, thence right 69D27' for 87.00 feet to the Point of Beginning. All lying and being in the City of Marianna, Jackson County, Florida.

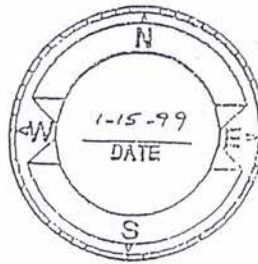
ALSO LESS & EXCEPT:

COMMENCE at the Northeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida, thence North 88 degrees 42 minutes 01 seconds West a distance of 1,315.88 feet to a concrete monument, thence South 01 degrees 40 minutes 08 seconds West a distance of 505.62 feet to a concrete monument and call this the POINT OF BEGINNING, thence North 83 degrees 00 minutes 32 seconds East a distance of 22.27 feet to a concrete monument, thence South 06 degrees 59 minutes 33 seconds East a distance of 31.79 feet to an iron rod, thence South 83 degrees 14 minutes 23 seconds West a distance of 27.10 feet to a concrete monument, thence North 01 degrees 40 minutes 08 seconds East a distance of 32.05 feet to the POINT OF BEGINNING.

ALSO LESS & EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet to a concrete monument, thence North 89 degrees 15 minutes 15 seconds West a distance of 30.00 feet and call this the POINT OF BEGINNING, thence continue North 89 degrees 15 minutes 15 seconds West a distance of 396.13 feet to a concrete pillow block, thence South 01 degrees 22 minutes 09 seconds West a distance of 96.02 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 396.16 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet to the POINT OF BEGINNING.

Chipola River/Florida Public Utilities



ALSO LESS AND EXCEPT:

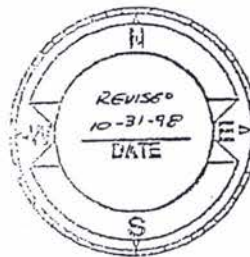
COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,226.32 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 93.96 feet, thence North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 94.11 feet, thence South 89 degrees 15 minutes 15 seconds East a distance of 30.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

COMMENCE at a concrete monument marking the Northwest corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida, thence South 89 degrees 41 minutes 28 seconds East a distance of 2,385.88 feet to a concrete monument, thence South 01 degrees 22 minutes 09 seconds West a distance of 1,320.28 feet and call this the POINT OF BEGINNING, thence continue South 01 degrees 22 minutes 09 seconds West a distance of 30.00 feet to a concrete monument, thence North 89 degrees 31 minutes 48 seconds West a distance of 396.16 feet to a concrete monument, thence continue North 89 degrees 31 minutes 48 seconds West a distance of 30.00 feet, thence North 01 degrees 22 minutes 09 seconds East a distance of 30.00 feet, thence South 89 degrees 31 minutes 48 seconds East a distance of 426.16 feet to the POINT OF BEGINNING

Together with a perpetual, non-exclusive easement for ingress and egress granted in that certain Grant of Easement recorded in Official Records Book 398, Page 188, Public Records of Jackson County, Florida.

Chipola River/Surgner



minutes 27 seconds, for an arc length of 60.0 feet, chord of said arc being South 72 degrees 57 minutes 51 seconds West 60.0 feet to a concrete monument, thence South 73 degrees 32 minutes 35 seconds West, along said North boundary, 148.0 feet to a concrete monument, thence North 16 degrees 27 minutes 25 seconds West 208.0 feet to an iron rod thence North 73 degrees 32 minutes 35 seconds East 208.0 feet to a concrete monument, thence South 18 degrees 27 minutes 25 seconds East 207.39 feet to the Point of Beginning.

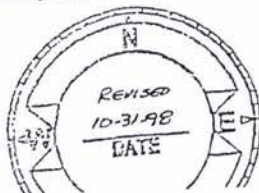
ALSO LESS AND EXCEPT:

A 60 foot strip of land, being 30 feet left and 30 feet right of the following described centerline:

Commence at the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 19 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road for a POINT OF BEGINNING, thence from said Point Of Beginning run along the center of said old U.S. Road as follows: Southwesterly along a curve concave to Northwest, having a tangent bearing of South 22 degrees 02 minutes 53 seconds West, a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.27 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to a point, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 3000.00 feet, through a central angle of 03 degrees 11 minutes 05 seconds, for an arc length of 166.75 feet, chord of said arc being South 71 degrees 57 minutes 02 seconds West 166.73 feet to a point, thence South 73 degrees 32 minutes 35 seconds West 567.65 feet to a point, said point being on a curve concave to the North, thence run in a Southwesterly direction along said curve, having a radius of 1000.00 feet, through a central angle of 14 degrees 00 minutes 09 seconds, for an arc length of 244.39 feet, chord of said arc being South 80 degrees 32 minutes 39 seconds West 243.78 feet to a point, thence South 87 degrees 32 minutes 44 seconds West 325.44 feet to a point, said point being on a curve concave to the North, thence run in a Northwesterly direction along said curve, having a radius of 2000.00 feet, through a central angle of 11 degrees 34 minutes 09 seconds, for an arc length of 403.84 feet, chord of said arc being North 86 degrees 40 minutes 12 seconds West 403.15 feet to a point, thence North 80 degrees 53 minutes 07 seconds West 140.28 feet to a point, said point being on a curve concave to the Southeast, thence run in a Southwesterly direction along said curve, having a radius of 100.00 feet, through a central angle of 108 degrees 58 minutes 30 seconds, for an arc length of 190.20 feet, chord of said arc being South 44 degree 37 minutes 38 seconds West 162.80 feet to a point, thence South 09 degrees 51 minutes 37 seconds East 181.16 feet to a point, said point being on a curve concave to the West, thence run in a Southwesterly direction along said curve, having a radius of 200.0 feet, through a central angle of 35 degrees 45 minutes 33 seconds, for an arc length of 124.82 feet, chord of said arc being South 03 degrees 01 minutes 09 seconds West 122.81 feet to a point in the center of the West bound lane of U.S. Highway 90 and the end of this centerline description.

Extending and shortening the right-of-way lines of said road as to begin at the existing right-of-way line of Old U.S. Road and to terminate at the Northerly right-of-way line of U.S. Highway 90.

Chipola River/Surgner



Begin at the NW Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West, Jackson County, Florida; thence South 632.7 feet, more or less to the waters edge of the Chipola River; thence Northeasterly along said waters edge 360 feet, more or less; thence South 575 feet, more or less to the North right of way of the Old Marianna-Greenwood Road, thence Northeasterly along said right of way 2040 feet, more or less, to a point which is 379.8 feet West of and 719.5 feet South of the NE Corner of the SW1/4 of Section 2, Township 4 North, Range 10 West; thence North 509.5 feet; thence West 17 feet; thence North 210 feet; thence West 122.5 feet; thence North 420 feet; thence West 89.4 feet; thence North 871.7 feet; thence East, 394.3 feet; thence North 1350 feet; thence West 30 feet; thence South 1320 feet; thence West, 394.3 feet; thence South, 1321.7 feet; thence West 2006.8 feet to the NW Corner of said SW1/4 and the Point of Beginning.

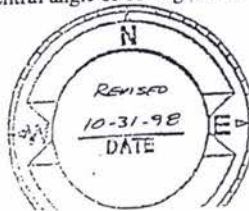
LESS AND EXCEPT:

COMMENCE at an existing iron pipe marking the Southwest corner of Section 2, Township 4 North, Range 10 West, Jackson County Florida, thence North 01 degrees 35 minutes 01 seconds East a distance of 1,140.41 feet to an existing nail and disc, thence North 37 degrees 27 minutes 38 seconds East a distance of 533.29 feet to an iron rod, thence North 04 degrees 12 minutes 16 seconds East a distance of 39.26 feet to a concrete monument set on the Northerly right of way of the Old U.S. Road and call this the POINT OF BEGINNING, thence continue North 04 degrees 12 minutes 16 seconds East a distance of 100.00 feet to a concrete monument, thence South 85 degrees 47 minutes 44 seconds East a distance of 100.00 feet to a concrete monument, thence South 04 degrees 12 minutes 16 seconds West a distance of 100.00 feet to an iron rod set on the Northerly right of way of the Old U. S. Road, thence North 85 degrees 47 minutes 44 seconds West a distance of 100.00 feet to the POINT OF BEGINNING.

ALSO LESS AND EXCEPT:

Commence at an axle marking the Southeast corner of Section 2, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 29 minutes 30 seconds West, along the Section line, 2448.21 feet to a point, thence West 2704.59 feet to a point in the center of and at the end of the existing deeded right-of-way line of Old U.S. Road, thence run along the center of the proposed Old U.S. Road as follows: Southwesterly along a curve concave to the North, having a radius of 936.08 feet, through a central angle of 48 degrees 18 minutes 37 seconds, for an arc length of 789.28 feet, chord of said arc being South 46 degrees 12 minutes 12 seconds West 766.10 feet to an iron rod, thence South 70 degrees 21 minutes 30 seconds West 133.30 feet to an iron rod, said point being on a curve concave to the North, thence run in a Southwesterly direction along said centerline and curve, having a radius of 3000.0 feet, through a central angle of 02 degrees 02 minutes 19 seconds, for an arc length of 106.75 feet, chord of said arc being South 71 degrees 22 minutes 40 seconds West 108.74 feet to an iron rod, thence leaving the center of said proposed Old U.S. Road and run North 16 degrees 27 minutes 25 seconds West 30.01 feet to a concrete monument on the North boundary of said proposed Old U.S. Road for a POINT OF BEGINNING, thence from said Point of Beginning run Southwesterly along a curve concave to the North and along the North boundary of said proposed Old U.S. Road, having a radius of 2970.0 feet, through a central angle of 01 degrees 09

Chipola River/Surgnier



O.R.
BOOK

712 PAGE 0640

STATE OF La
COUNTY OF Jackson

The foregoing instrument was acknowledged before me this 5th day of November, 1998, by Stephen P. Surgnier. Such person(s) (Notary Public must check applicable box):

☐ is personally known to me.
☒ produced a current driver license.
☐ produced _____ as identification.

Felicia M. Moses
Notary Public

(Printed, Typed or Stamped Name of Notary Public)
Commission No. Felicia M. Moses
My Commission Expires October 10, 1999
BONDED THRU TROY FAIR INSURANCE, INC.

STATE OF Florida
COUNTY OF Jackson

The foregoing instrument was acknowledged before me this 5th day of November, 1998, by Sally Ann Surgnier. Such person(s) (Notary Public must check applicable box):

☐ is personally known to me.
☒ produced a current driver license.
☐ produced _____ as identification.

Felicia M. Moses
Notary Public

(Printed, Typed or Stamped Name of Notary Public)
Commission No. Felicia M. Moses
My Commission Expires October 10, 1999
BONDED THRU TROY FAIR INSURANCE, INC.

APPROVED AS TO FORM AND LEGALITY
By William C. Robinson
DEF ATTORNEY
DATE 11-5-98

This Instrument Prepared By and
Please Return To:
Joseph R. Boyd, Esquire
Boyd, Lindsey & Branch, P.A.
1407 Piedmont Drive East
Tallahassee, FL 32312

2100 Rce
350 703t
300 PRTF

Inst No: 98016395 Date: 11/25/98
Doc Stamps Pd: \$350.70
Intang. Tax Pd: \$.00
DALE RABON GUTHRIE JACKSON CO.
By: Om D.C. Time: 13:00

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

THIS INDENTURE, made this 5th day of November, A.D. 1998, between Steven P. Surgnier and Sally Ann Surgnier, his wife, of the County of Jackson in the State of Florida, 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,

O.R.
BOOK

712 PAGE 0639

(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 Jackson County, Florida to-wit:

See Exhibit "A" attached hereto and by reference made a part hereof, together with all riparian and littoral rights appertaining thereto.

Property Appraiser's Parcel Identification Number: 02-4N-10-0000-0250-0030

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:

Damir D. Ratcliff
(Signature of first Witness as to Steven P. Surgnier)

Jamie D. Ratcliff
(Printed, typed or stamped name of first Witness)

Felicia M. Moses
(Signature of second Witness as to Steven P. Surgnier)

Felicia M. Moses
(Printed, typed or stamped name of second witness)

Steven P. Surgnier
STEVEN P. SURGNIER
4677 Clayton Drive
Marianna, Florida 32446

Sally Ann Surgnier
SALLY ANN SURGNIER
4677 Clayton Drive
Marianna, Florida 32446

Damir D. Ratcliff
(Signature of first Witness as to Sally Ann Surgnier)

Jamie D. Ratcliff
(Printed, typed, or stamped name of first Witness)

Felicia M. Moses
(Signature of second Witness as to Sally Ann Surgnier)

Felicia M. Moses
(Printed, typed, or stamped name of second Witness)

EXHIBIT "A"

D.R. 0979 PG. 0622

Lots 1, 2, 3 and 4, Block 7, according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23, of the Public Records of Jackson County, Florida.

AND

All of Tract 3 of the Original Riverview Subdivision, according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of the Public Records of Jackson County, Florida, less that part of Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River.

AND

Twenty-two acres in the Southeast 1/4 of the Southeast 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, of the original Riverview Subdivision according to the Original Plat of Riverview Subdivision as recorded in Plat Book 4, page 4, same being between said Tract 3 and the Chipola River, all lying and being in Jackson County, Florida.

Project Name: Marianna Greenway Trail
Owner/Parcel #: Charles J. Butler, Jr.
Sec. 34, TWP. 05N, Rng. 10W

RECEIVED
BY VA TDC 7/27/04
-REVISED

O.R. 0979 PG. 0621

STATE OF Ohio
COUNTY OF miami

The foregoing instrument was acknowledged before me this 14th day of August, 2004, by
Charles J. Butler, Jr. Such person (Notary Public must check applicable box):

- ☐ is personally known to me.
☒ produced a driver license.
☐ produced _____ as identification.

(NOTARY PUBLIC SEAL)

April McKinney
Notary Public

April McKinney
(Printed, Typed or Stamped Name of Notary Public)

Commission No. _____ APRIL MCKINNEY
Notary Public, State of Ohio
My Commission Expires June 17, 2007



This Instrument Prepared By and
Please Return To:
Elaine Vergara
American Government Services Corporation
3812 W. Linebaugh Avenue
Tampa, Florida 33624
AGS # 14391

Inst No: 2004012634 Date: 08/23/2004 Time: 10:11
Doc Stamp-Deed : 490.00
DALE RABON GUTHRIE, JACKSON County
By: DE D.C. B: 979 P: 620



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

THIS INDENTURE, made this 14th day of August, A.D. 2004, between Charles J. Butler, Jr., whose address is 1041 Park Ave., Piqua, OH 45356, 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,

O.R. 0979 PG. 0620

(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 Jackson County, Florida, to-wit:

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

Property Appraiser's Parcel Identification Number: R34-5N- and R34-5N-10-0000-0010-0000

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

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

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

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

Signed, sealed and delivered in
the presence of:

Lora A. Smith
(Signature of First Witness)

Charles J. Butler, Jr.
Charles J. Butler, Jr.

Lora A. Smith
(Printed, Typed or Stamped Name
of First Witness)

Pam Barber
(Signature of Second Witness)

Pam Barber
(Printed, Typed or Stamped Name
of Second Witness)

Signed, Sealed and Delivered
in the Presence of:

Thomas C. Wilkinson
THOMAS C. WILKINSON

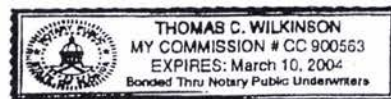
Louise D. Wilkinson
LOUISE D. WILKINSON

William C. Butler (SEAL)
WILLIAM C. BUTLER
4472 River Road
Marianna, Florida 32446

STATE OF FLORIDA
COUNTY OF JACKSON

The foregoing instrument was acknowledged before me this 26th day of September,
2000 by William C. Butler, who is personally known to me and who did take an oath.

Thomas C. Wilkinson
THOMAS C. WILKINSON
NOTARY PUBLIC
My Commission Expires: 3-10-04



Rec. 900
RTF - 150
PS. 437.50

O.R. BOOK 791 PAGE 0487

WARRANTY DEED

THIS INDENTURE, made this September 26, 2000 between William C. Butler, 4472 River Road, Marianna, Florida 32446, Grantor and Charles J. Butler, Jr., P. O. Box 1697, Piqua, Ohio 45356, Grantee.

WITNESSETH, that the said Grantor, for and in consideration of Ten Dollars to him in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, his heirs and assigns forever, the following described land, situate, lying and being in Jackson County, Florida, to-wit:

All of my undivided interest in and to the following described land, to-wit:

Lots 1, 2, 3 and 4 of Block 7 according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23 of Jackson County, Florida.

All of Tract 3 of the Original Riverview Subdivision, according to Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of Jackson County, Florida, less that part of said Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River conveyed to Robert H. Milton by deed of even date.

Twenty-two acres in the SE 1/4 of SE 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, same being between Tract 3 and the Chipola River.

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 said Grantor has set his hand and seal on the date first above written.

Inst No: 00013937 Date: 10/10/00
Doc Stamps Pd: \$437.50
Intang. Tax Pd: \$.00
DALE RABON GUTHRIE JACKSON CO.
By: DR D.C. Time: 13:32



The instrument was prepared by
THOMAS C. WILKINSON
Attorney at Law
2851 Jefferson Street
P. O. Box 138
Marianna, Florida 32447

Having determined that the Property is not needed for any of the foregoing purposes, except distribution, and that the Property should be released and distributed to the Beneficiaries, the Personal Representative hereby releases the Property from all rights and powers of the Personal Representative and acknowledge that the Property is vested in Charles J. Butler, Jr. and William C. Butler, free of all rights of the Personal Representative.

IN WITNESS WHEREOF, the undersigned, as Personal Representative of the estate of the decedent, have executed this instrument on April 15, 2000.

Executed in the Presence of:

Kathy I. Young
Lou S. Francis

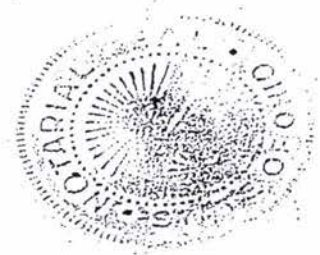
Charles J. Butler, Jr. (SEAL)
CHARLES J. BUTLER, JR.
P. O. Box 1697
Piqua, Ohio 45356

STATE OF OHIO
COUNTY OF MIAMI

The foregoing instrument was acknowledged before me this April 15th, 2000 by Charles J. Butler, Jr., as Personal Representative of the Estate of Marie Butler Harris, deceased, who is personally known to me or who has produced driver's license as identification and who did take an oath.

Kathy I. Young
NOTARY PUBLIC
My Commission Expires:

KATHY I. YOUNG
Notary Public, State of Ohio
My Commission Expires Nov. 4, 2003



200 Rec
150 PRTF

Inst No: 00005474 Date: 04/19/00
Doc Stamps Pd: \$.00
Intang. Tax Pd: \$.00
DALE RABON GUTHRIE JACKSON CO.
BY: OM D.C. Time: 07:50

O.R. BOOK 771 PAGE 0724

PERSONAL REPRESENTATIVE'S RELEASE
AND CERTIFICATE OF DISTRIBUTION OF REAL PROPERTY

The undersigned, Charles J. Butler, Jr., P. O. Box 1697, Piqua, Ohio 45356, as Personal Representative of the Estate of Marie Butler Harris, deceased, hereby acknowledges that title to the real property located in Jackson County, Florida, owned by the decedent at the time of her death, described as follows:

Lots 1, 2, 3 and 4 of Block 7 according to Plat of a revision of Riverview Subdivision Unit 1 as recorded in Plat Book 4, Page 23 of Jackson County, Florida.

All of Tract 3 of the Original Riverview Subdivision, according to Original Plat of Riverview Subdivision as recorded in Plat Book 4, Page 4, of Jackson County, Florida, less that part of said Tract 3 included in the Revision of Riverview Subdivision Unit I and Unit II and less that part of Tract 3 of original Riverview Subdivision North of a line formed by extending the North boundary of River Road according to Riverview Subdivision Unit II in an Easterly direction toward the Chipola River conveyed to Robert H. Milton by deed of even date.

Twenty-two acres in the SE 1/4 of SE 1/4 of Section 34, Township 5 North, Range 10 West, lying due East of Tract 3, same being between Tract 3 and the Chipola River.

Property Appraiser's Parcel Identification Numbers are 34-5N- [REDACTED], (the "Property"), vested in Charles J. Butler, Jr., P. O. Box 1697, Piqua, Ohio 45356 and William C. Butler, 4472 River Road, Marianna, Florida 32446, as beneficiaries of the Estate of Marie Butler Harris, (the "Beneficiaries") by operation of law as of the date of the decedent's death pursuant to Florida law as will more fully appear from the proceedings in the Circuit Court for Jackson County, Florida, Probate Division, in File No. 99-230 PR, subject to rights of the Personal Representative under Sections 733.607 and 733.608 of the Florida Probate Code to take possession or control of the Property, or to use, sell, encumber or otherwise exercise control over the Property (1) for the payment of devises, debts, family allowance, estate and inheritance taxes, claims, charges, and expenses of administration, (2) to enforce contribution and equalize advancement, or (3) for distribution.

This instrument was prepared by,
Ref THOMAS C. WILKINSON
Attorney at Law
2051 Jefferson Street
P. O. Box 138
Marianna, Florida 32447

60pg
52-50 rec
70 doc
Pick-up

This Instrument Prepared By:
Tiana Brown
Recurring Revenue Section
Bureau of Public Land Administration
3900 Commonwealth Boulevard
Mail Station No. 125
Tallahassee, Florida 32399

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

SOVEREIGNTY SUBMERGED LANDS EASEMENT

NO. 41476
BOT FILE NO. [REDACTED]
PA NO. 32-0309062-001

THIS EASEMENT is hereby granted by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida, hereinafter referred to as the Grantor.

WITNESSETH: That for the faithful and timely performance of and compliance with the terms and conditions stated herein, the Grantor does hereby grant to City of Marianna, Florida, hereinafter referred to as the Grantee, a nonexclusive easement on, under and across the sovereignty lands, if any, contained in the following legal description:

A parcel of sovereignty submerged land in Section 03,
Township 04 North, Range 10 West, in Chipola River,
Jackson County, as is more particularly described
and shown on Attachment A, dated December 15, 2011.

TO HAVE THE USE OF the hereinabove described premises for a period of 50 years from February 23, 2012, the effective date of this easement. The terms and conditions on and for which this easement is granted are as follows:

1. **USE OF PROPERTY:** The above described parcel of land shall be used solely for subaqueous gas pipelines and Grantee shall not engage in any activity except as described in the State of Florida Department of Environmental Protection Consolidated Environmental Resource Permit No. 32-0309062-001, dated February 23, 2012, incorporated herein and made a part of this easement by reference. All of the foregoing subject to the remaining conditions of this easement.
2. **EASEMENT CONSIDERATION:** In the event the Grantor amends its rules related to fees and the amended rules provide the Grantee will be charged a fee or an increased fee for this activity, the Grantee agrees to pay all charges required by such amended rules within 90 days of the date the amended rules become effective or by a date provided by an invoice from the Department, whichever is later. All fees charged under this provision shall be prospective in nature; i.e. they shall begin to accrue on the date that the amended rules become effective.
3. **WARRANTY OF TITLE/GUARANTEE OF SUITABILITY OF USE OF LAND:** Grantor neither warrants title to the lands described herein nor guarantees the suitability of any of the lands for any particular use.
4. **RIGHTS GRANTED:** The rights hereby granted shall be subject to any and all prior rights of the United States and any and all prior grants by the Grantor in and to the submerged lands situated within the limits of this easement.
5. **DAMAGE TO EASEMENT PROPERTY AND INTERFERENCE WITH PUBLIC AND PRIVATE RIGHTS:** Grantee shall not damage the easement lands or unduly interfere with public or private rights therein.
6. **GRANTOR'S RIGHT TO GRANT COMPATIBLE USES OF THE EASEMENT PROPERTY:** This easement is nonexclusive, and the Grantor, or its duly authorized agent, shall retain the right to enter the property or to engage in management activities not inconsistent with the use herein provided for and shall retain the right to grant compatible uses of the property to third parties during the term of this easement.
7. **RIGHT TO INSPECT:** Grantor, or its duly authorized agent, shall have the right at any time to inspect the works and operations of the Grantee in any matter pertaining to this easement.
8. **INDEMNIFICATION/INVESTIGATION OF ALL CLAIMS:** The Grantee shall investigate all claims of every nature at its expense. 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.

9. **ASSIGNMENT OF EASEMENT:** This easement shall not be assigned or otherwise transferred without prior written consent of the Grantor or its duly authorized agent and which consent shall not be unreasonably withheld. Any assignment or other transfer without prior written consent of the Grantor shall be null and void and without legal effect.

10. **TERMINATION:** The Grantee, by acceptance of this easement, binds itself, its successors and assigns, to abide by the provisions and conditions herein set forth, and said provisions and conditions shall be deemed covenants of the Grantee, its successors and assigns. In the event the Grantee fails or refuses to comply with the provisions and conditions herein set forth or in the event the Grantee violates any of the provisions and conditions herein, this easement may be terminated by the Grantor upon 30 days written notice to Grantee. If terminated, all of the above-described parcel of land shall revert to the Grantor. All notices required to be given to Grantee by this easement or applicable law or administrative rules shall be sufficient if sent by U.S. Mail to the following address:

City of Marianna, Florida
2898 Green Street
Marianna, Florida 32446

The Grantee agrees to notify the Grantor by certified mail of any changes to this address at least ten (10) days before the change is effective.

11. **TAXES AND ASSESSMENTS:** The Grantee shall assume all responsibility for liabilities that accrue to the subject property or to the improvements thereon, including any and all drainage or special assessments or taxes of every kind and description which are now or may be hereafter lawfully assessed and levied against the subject property during the effective period of this easement which result from the grant of this easement or the activities of Grantee hereunder.

12. **REMOVAL OF STRUCTURES/ADMINISTRATIVE FINES:** If the Grantee does not remove said structures and equipment occupying and erected upon the premises after expiration or cancellation of this easement, such structures and equipment will be deemed forfeited to the Grantor, and the Grantor may authorize removal and may sell such forfeited structures and equipment after ten (10) days written notice by certified mail addressed to the Grantee at the address specified in Item 10 or at such address on record as provided to the Grantor by the Grantee. However, such remedy shall be in addition to all other remedies available to Grantor under applicable laws, rules and regulations including the right to compel removal of all structures and the right to impose administrative fines.

13. **ENFORCEMENT OF PROVISIONS:** No failure, or successive failures, on the part of the Grantor to enforce any provision, nor any waiver or successive waivers on its part of any provision herein, shall operate as a discharge thereof or render the same inoperative or impair the right of the Grantor to enforce the same upon any renewal thereof or in the event of subsequent breach or breaches.

14. **RECORDATION OF EASEMENT:** The Grantee, at its own expense, shall record this fully executed easement in its entirety in the public records of the county within which the easement site is located within fourteen (14) days after receipt, and shall provide to the Grantor within ten (10) days following the recordation a copy of the recorded easement in its entirety which contains the O.R. Book and pages at which the easement is recorded.

15. **AMENDMENT/MODIFICATIONS:** This easement is the entire and only agreement between the parties. Its provisions are not severable. Any amendment or modification to this easement must be in writing and must be accepted, acknowledged and executed by the Grantee and Grantor.

16. **USACE AUTHORIZATION:** Prior to commencement of construction and/or activities authorized herein, the Grantee shall obtain the U.S. Army Corps of Engineers (USACE) permit if it is required by the USACE. Any modifications to the construction and/or activities authorized herein that may be required by the USACE shall require consideration by and the prior written approval of the Grantor prior to the commencement of construction and/or any activities on sovereign, submerged lands.

17. **ADDITIONAL STRUCTURES OR ACTIVITIES/EMERGENCY STRUCTURAL REPAIRS:** No additional structures shall be erected and/or activities undertaken, including but not limited to, dredging, relocation/realignment or major repairs or renovations made to authorized structures, on, in or over sovereignty, submerged lands without the prior written consent from the Grantor, with the exception of emergency repairs. Unless specifically authorized in writing by the Grantor, such activities or structures shall be considered unauthorized and a violation of Chapter 253, Florida Statutes, and shall subject the Grantee to administrative fines under Chapter 18-14, Florida Administrative Code. If emergency repairs are required to be undertaken in the interests of public health, safety or welfare, the Grantee shall notify the Grantor of such repairs as quickly as is practicable; provided, however, that such emergency activities shall not exceed the activities authorized by this easement.

18. **UPLAND RIPARIAN PROPERTY INTEREST:** During the term of this easement, Grantee must have satisfactory evidence of sufficient upland interest as defined in subsection 18-21.003(60), Florida Administrative Code, to the extent required by paragraph 18-21.004(3)(b), Florida Administrative Code, in order to conduct the activity described in this easement. If at any time during the term of this easement, Grantee fails to comply with this requirement, use of sovereignty, submerged lands described in this easement shall immediately cease and this easement shall terminate and title to this easement shall revert to and vest in the Grantor immediately and automatically.

WITNESSES:

Original Signature

Print/Type Name of Witness

Original Signature

Print/Type Name of Witness

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

BY:

Jeffery M. Gentry, Operations and Management Consultant
Manager, Bureau of Public Land Administration, Division
of State Lands, State of Florida Department of Environmental
Protection, as agent for and on behalf of the Board of Trustees of
the Internal Improvement Trust Fund of the State of Florida

"GRANTOR"

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 24th day of April, 2012 by
Jeffery M. Gentry, Operations and Management Consultant Manager, Bureau of Public Land Administration, Division of State
Lands, State of Florida Department of Environmental Protection, as agent for and on behalf of the Board of Trustees of the
Internal Improvement Trust Fund of the State of Florida. He is personally known to me.

APPROVED AS TO FORM AND LEGALITY:

DEP Attorney

Notary Public, State of Florida

Printed, Typed or Stamped Name

My Commission Expires Notary Public State of Florida
Kathy C Griffin
My Commission EE148787
Expires 11/27/2016

Commission/Serial No.

WITNESSES:

Original Signature

Typed/Printed Name of Witness

Original Signature

Typed/Printed Name of Witness

STATE OF FLORIDA

COUNTY OF JACKSON

City of Marianna, Florida (SEAL)

BY:

Original Signature of Executing Authority

John Roberts

Typed/Printed Name of Executing Authority

Mayor

Title of Executing Authority

"GRANTEE"

The foregoing instrument was acknowledged before me this 3rd day of April, 2012, by
John Roberts as Mayor, for and on behalf of the City of Marianna, Florida. He is personally known to me or who has produced
as identification.

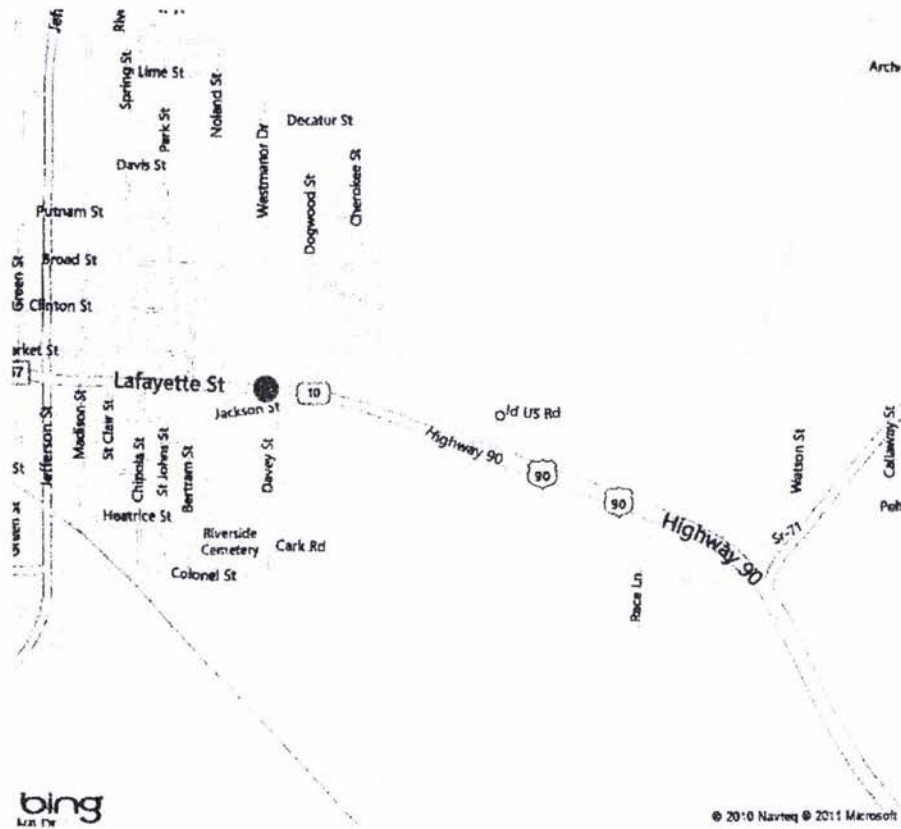
My Commission Expires:

Commission/Serial No.

Notary Public, State of

Printed, Typed or Stamped Name

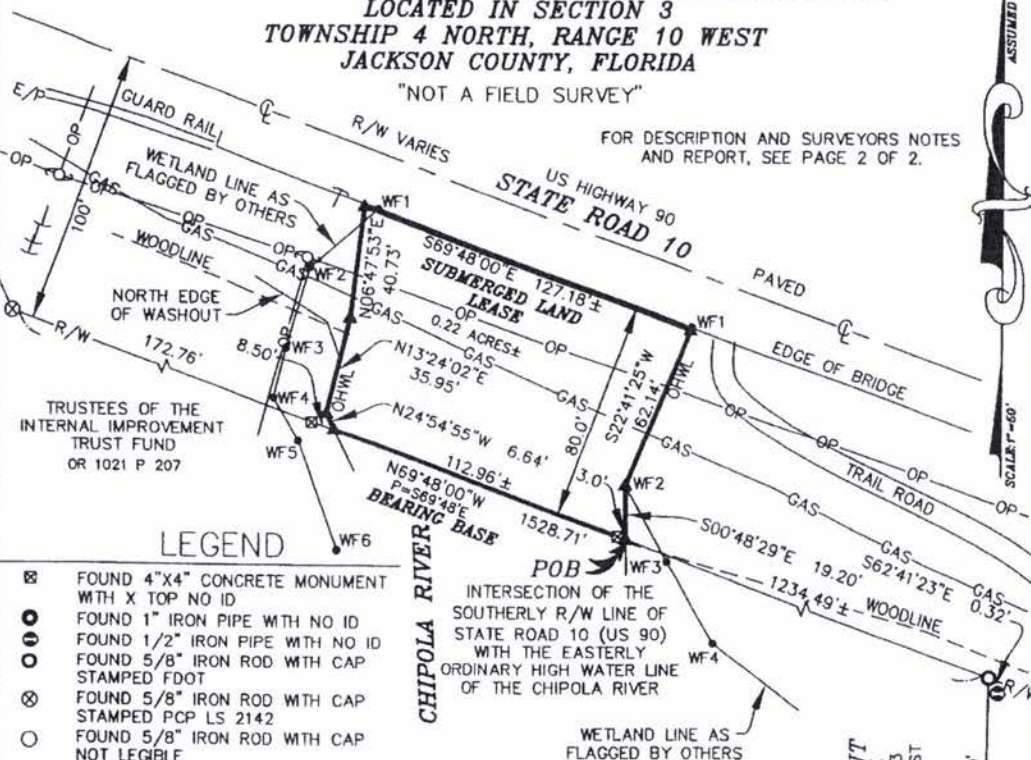




A SKETCH OF DESCRIPTION FOR DAVID H. MELVIN, INC.
LOCATED IN SECTION 3
TOWNSHIP 4 NORTH, RANGE 10 WEST
JACKSON COUNTY, FLORIDA
"NOT A FIELD SURVEY"

PAGE 1 OF 2

FOR DESCRIPTION AND SURVEYORS NOTES
 AND REPORT, SEE PAGE 2 OF 2.



LEGEND

- ⊗ FOUND 4"X4" CONCRETE MONUMENT WITH X TOP NO ID
- FOUND 1" IRON PIPE WITH NO ID
- FOUND 1/2" IRON PIPE WITH NO ID
- FOUND 5/8" IRON ROD WITH CAP STAMPED FDOT
- ⊗ FOUND 5/8" IRON ROD WITH CAP STAMPED PCP LS 2142
- FOUND 5/8" IRON ROD WITH CAP NOT LEGIBLE
- FOUND NAIL WITH DISC STAMPED FDOT
- ▲ COMPUTED POINT NOT SET
- E/P EDGE OF PAVEMENT
- R/W RIGHT OF WAY
- POB POINT OF BEGINNING
- OP OVERHEAD POWER
- GAS BURIED GAS LINE
- P PLAT CALL
- OR OFFICIAL RECORD BOOK
- PB PLAT BOOK
- OHWL ORDINARY HIGH WATER LINE
- WF WETLAND FLAG NUMBER
- ± MORE OR LESS
- BROKEN SCALE
- POWER POLE
- GUY ANCHOR
- WETLAND FLAG
- CENTERLINE

CERTIFICATION

I hereby certify that this description meets the Minimum Technical Standards as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027 Florida Statutes.

Paul A. Snelgrove
 Paul A. Snelgrove
 Professional Surveyor and Mapper #4952

POINT OF COMMENCEMENT
 EXISTING IRON PIPE MARKING THE
 SOUTHEAST CORNER OF SECTION 3
 TOWNSHIP 4 NORTH, RANGE 10 WEST
 JACKSON COUNTY, FLORIDA

S Snelgrove
Surveying & Mapping, Inc.

OFFICE
 850-526-3991

www.snelgrovesurveying.com

PROFESSIONAL SURVEYING AND LAND DEVELOPMENT SERVICES

P.O. BOX 836 - MARIANNA, FL. 32447 / 2840 JEFFERSON ST. - MARIANNA, FL. 32448 CERTIFICATE OF AUTHORIZATION LB-7070

DATE

DECEMBER 15, 2011

JOB NO.

11-342-50B

FIELD BOOK

M-277 P 16-19

THIS SURVEY MAP AND THE NOTES AND REPORT HEREON OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER WHOSE NAME APPEARS IN THE CERTIFICATION. THE MAP AND NOTES ARE NOT COMPLETE WITHOUT THE OTHER REPRODUCTION OF THIS MAP WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PERSON SIGNED SURVEYOR AND MAPPER IS PROHIBITED.

O.R. 1354 PG. 0357

DESCRIPTION: SUBMERGED LAND LEASE

Commence at an existing iron pipe marking the Southeast corner of Section 3, Township 4 North, Range 10 West, Jackson County, Florida and run North 00 degrees 59 minutes 09 seconds East 1069.0 feet to an iron rod on the Southerly right of way line of State Road 10, (US Highway 90) thence run North 69 degrees 48 minutes 00 seconds West, along said Southerly right of way line, 1234.49 feet, more or less, to the intersection of said Southerly right of way line with the Easterly ordinary high water line of the Chipola River for the POINT OF BEGINNING, thence from said Point of Beginning continue North 69 degrees 48 minutes 00 seconds West, along said Southerly right of way line, 112.96 feet, more or less, to the intersection of said Southerly right of way line with the Westerly ordinary high water line of said Chipola River, thence run northerly along said Westerly ordinary high water line as follows: North 24 degrees 54 minutes 55 seconds West 6.64 feet to a point, thence run North 13 degrees 24 minutes 02 seconds East 35.95 feet to a point, thence run North 06 degrees 47 minutes 53 seconds East 40.73 feet to a point, thence departing said Westerly ordinary high water line run South 69 degrees 48 minutes 00 seconds East 127.18 feet, more or less, to the Easterly ordinary high water line of said Chipola River, thence run Southerly along said Easterly ordinary high water line as follows: South 22 degrees 41 minutes 25 seconds West 62.14 feet to a point, thence run South 00 degrees 48 minutes 29 seconds East 19.20 feet to the Point of Beginning.

SURVEYOR'S NOTES AND REPORT:

1. This is not a boundary survey.
2. The purpose of this sketch is to prepare a legal description for a submerged land lease from the State of Florida to the City of Marianna for the installation and maintenance of city utilities crossing the Chipola River.
3. Bearings based on a plat bearing of South 69 degrees 48 minutes East along a tie to the monumented Southerly right of way line of State Road 10 as per Florida Department of Transportation Right of Way Map of State Road 10, Section No. 5302-114 and the projection thereof.
4. There may be other restrictions of record not shown on this plat that may be found in the Public Records of Jackson County, Florida.
5. The hereon signed surveyor has not been provided a current title opinion or abstract of matters affecting title or boundary to the subject property. It is possible there are deeds of record, unrecorded deeds, easements or other instruments which could affect the boundaries.
6. Wetland lines are shown as flagged and marked by Brian Bearwood, David H. Melvin, Inc.
7. This sketch is intended to be displayed at a scale of 1 inch equals 50 feet.

OFFICE
850-526-3991

S Snelgrove
Surveying & Mapping, Inc.

www.snelgrovesurveying.com

PROFESSIONAL SURVEYING AND LAND DEVELOPMENT SERVICES

P.O. BOX 836 - MARIANNA, FL. 32447 / 2840 JEFFERSON ST. - MARIANNA, FL. 32448 CERTIFICATE OF AUTHORIZATION LB-7070

FAX
850-526-3988

DATE

DECEMBER 15, 2011

JOB NO.

11-342-50B

FIELD BOOK

M-277 P 16-19

© THIS SURVEY MAP AND THE NOTES AND REPORT SHOWN HEREON ON THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER WHOSE NAME APPEARS ON THE CERTIFICATION. THE MAP AND NOTES ARE NOT COMPLETE WITHOUT THE OTHER REPRODUCTION OF THIS MAP WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE HEREON SIGNED SURVEYOR AND MAPPER IS PROHIBITED.

EXHIBIT "A"

LEGAL DESCRIPTION PER O.R. BOOK 857, PAGE 0296:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the Intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10 and call this the point of beginning, thence continue South 01 degree 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 205.5 feet to a concrete marker, thence North 77 degrees 51 minutes East 44.4 feet to a point on the West bank of the Chipola River, thence North 77 degrees 51 minutes East to the center of the Channel of the Chipola River, thence Northwesterly along the center of the channel of the Chipola River to the Intersection of the South right of way of State Road 10, thence North 69 degrees 48 minutes West along the South right of way of said road to a concrete marker on the West bank of the Chipola River, thence continue North 69 degrees 48 minutes West along the South right of way of said road 173.5 feet to a concrete marker, thence North 25 degrees 08 minutes West along the South right of way of said road 71.4 feet to a concrete marker, thence northwesterly along a curve with a delta angle of 17 degrees 26 minutes, radius 2242.01 feet a distance of 299.7 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the Intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence South 01 degrees 26 minutes West 3.56 feet and call this the point of beginning, thence South 69 degrees 07 minutes 05 seconds East a distance of 1.91 feet to a point, thence South 02 degrees 06 minutes 50 seconds East a distance of 46.07 feet to a point, thence South 04 degrees 44 minutes 17 seconds West a distance of 29.74 feet to a point, thence North 66 degrees 56 minutes West a distance of 3.16 feet to a point, thence North 01 degrees 26 minutes East a distance of 75.14 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

ALSO LESS AND EXCEPT:

Commence at the Southeast corner of Lot 3, Block 13, Unit 2, West Manor Subdivision in the City of Marianna, thence South 00 degrees West 215.0 feet, thence South 89 degrees 48 minutes East 60.0 feet to a concrete marker on the East right of way of Dogwood Street, thence South 00 degrees 06 minutes West along the East right of way of said Dogwood Street 80.00 feet to a concrete marker, thence South 07 degrees 41 minutes West 459.2 feet along the East right of way of Dogwood Street to a concrete marker, thence South 00 degrees 06 minutes West 415.5 feet along said right of way to a concrete marker, thence South 08 degrees 36 minutes West along said right of way 296.9 feet to a point at the intersection of the North right of way of State Road 10, thence Southeasterly along the North right of way of State Road 10 a distance of 137.9 feet to a point on the North right of way of said road, thence South 01 degree 26 minutes West 102.4 feet to a concrete marker on the South right of way of said State Road 10, thence continue South 01 degrees 26 minutes West 78.7 feet to a concrete marker, thence South 66 degrees 56 minutes East 184.5 feet to a concrete marker, thence South 59 degrees 00 minutes East 142.7 feet to a concrete marker, thence South 63 degrees 58 minutes East 198.03 feet to a point and call this the point of beginning; thence North 82 degrees 43 minutes 10 seconds East 41.31 feet to a point; thence South 03 degrees 24 minutes 53 seconds East 1.13 feet to a point; thence South 77 degrees 51 minutes West 35.12 feet to a concrete marker; thence North 63 degrees 58 minutes West 7.47 feet to the point of beginning. This tract is located in the SE 1/4 of Section 3, Township 4 North, Range 10 West, Jackson County, Florida.

Project Name: OGT - SouthTrust Bank
Acquisition Parcel
Sec 03, Twp. 04N, Rng 10W

REVISED TO REFLECT LESS-OUTS FOR CONCRETE SLAB AND OVERHANG ENCROACHMENTS

BSM APPROVED
By JA Date 5/11/05

Appendix G

City of Marianna

City Council

John E. Roberts, Mayor – District 2
James Wise, Mayor Pro Tem – District 3
Roger Clay – District 1
Rico Williams – District 4
Paul Donofro, Jr. – District 5

Master Plan Committee

Aaron Kincaid, Forester
Allen Mosler, Ecologist
Chad Taylor, Land Manager
Della Scott-Ireton, PhD, Archeologist
Frances Stone, Canoe Expert
Jeff Gore, Biologist/Bat Expert
Jeff Norville, Area Conservationist
Ray Greer, Planner, Wilson Miller
Paul Donofro, Jr., Architect/Commissioner *
Jim Dean, City Manager
Joe Richey, Public Works Director
Kay Dennis, Municipal Development Director

* Committee Chairman

Municipal Development Staff Involved

Stephen Tatum, Planner
Jessie Harris, Administrative Assistant to Municipal Development
Director

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Introduction

The Master Development Plan and Management Policies is a document prepared by the City of Marianna which sets forth policies regarding the future development of the Chipola River Greenway and the rules for use. On November 3, 2009 the Marianna City Commission appointed a Master Plan Committee comprised of area experts to prepare the document. The group met for several months and invited other experts in the areas of recreational opportunities, equestrian activity, wetland delineation, archeology, park management, plant and animal habitat identification, and trail delineation. From these meetings the document was created.

The Master Development Plan and Policies should not be considered a final product that is etched in stone. Rather, it should serve as a guide for addressing issues which are important to the City at this point in time, while still allowing for flexibility in making decisions on individual projects, as long as they are consistent with the City's goals. In the future, as changes in economic or social conditions occur, updating the Plan should become a priority every five to ten years in order to address future issues in a consistent and proactive manner.

CHIPOLA RIVER GREENWAY

I. GENERAL RULES

Plants, Animals and Rocks

All plants, animals, minerals and other natural or archeological features are protected. It is unlawful to hassle, remove, alter or destroy them. Feeding of wildlife is strictly prohibited. It shall be unlawful for any person in the park to engage in commercial fishing, or the buying or selling of fish caught in any park waters.

Accidents

All accidents or suspicious activities should be reported to the City Manager or his designee. In an emergency, please call 911.

Failure to Comply with Directions of Police Officers, City Commissioner, City Official or Park Signs

No person shall fail, neglect or refuse to comply with the lawful direction or command of any Police Officer, or City Official, indicated by gesture or otherwise. No person shall fail to comply with or obey any instruction, direction, regulation, warning, or prohibition, written or printed, displayed or appearing on any park sign, except such sign may be disregarded upon order by a Police Officer or City Official.

Aircraft, and parachutes and hang gliders

It shall be unlawful to operate any aircraft of any nature or parachute within the Park, except for in an emergency or when special permission is given by the City Commission or City Manager.

Pets

Domesticated pets (i.e. cats, dogs, birds, pot-bellied pigs, horses and similar pets) are allowed, except for inside park buildings. Service animals are the only animals admitted inside park buildings. Pets must always be on a leash and never left unattended. Pets must be vaccinated for rabies and wear a collar with identifying information. Guests wishing to bring pets to the park must keep the animals under control at all times. When walking on park trails, pets must be on a leash no longer than eight (8) feet. No person responsible for a pet shall permit the pet to be on any city trail unless the pet is held on a leash. The pet shall be reined in to within four (4) feet of the responsible person

whenever it approaches or is approached by another trail user. Do not leave pets tied to a tree or post. Do not leave pets in hot vehicles.

Animal waste should be disposed of properly. No person responsible for a dog shall permit the dog to defecate upon any city trail. It is a specific defense to a charge of violating this section that the person charged immediately removes the deposit and properly disposes of it.

If at any time an animal is determined to not be under the control of its owner, the owner will be warned. A second infraction will be grounds for immediate expulsion from the park. Please remember that you must pick-up after your pets.

Geocaching

Geocaching is a popular worldwide game using Global Positioning System (GPS) equipment. The game consists of someone creating a cache (often a Tupperware container with small items and a log-in book) hiding it and posting its GPS coordinates to a website. Game, players access the website for the GPS coordinates; then use their own GPS units to find the hidden cache. Natural areas, including state parks, are favorite hiding locations.

The City considers geocaching to be benign and a legitimate public attraction to the parks when the cache sites are not objectionable to park management for resource protection or safety reasons. The geocache websites include many enthusiastic reports of geocachers enjoying the parks as families and individuals.

Geocaches may not be placed in the park without verbal permission by the City Manager or his designee. Caches should not be buried, should not contribute to trail-blazing, should not be placed in an active burn zone, should not be placed in landscaping, should not be placed on dangerous bluffs, and should not be in areas where access is prohibited or discouraged (e.g. archaeological sites or sensitive areas). No toxic or explosive substances, including batteries, lighters, matches, aerosol cans, etc., should be included in a cache. As the City utilizes prescribed burning in the park, Cache managers are responsible for any damages that may occur to their cache.

II. PROHIBITED ITEMS/ACTIVITIES

Firearms

It shall be unlawful for any person in a park to use, carry or possess firearms of any description, or air rifles, spring-guns, bow and arrows, slings or any other forms of weapons

potentially detrimental to wildlife and dangerous to human safety, or any instrument that can be loaded with and fire blank cartridges, or any kind of trapping device. It shall be unlawful for any person to shoot into park areas from beyond the park boundaries.

This section shall not prohibit any person in a park from carrying a concealed firearm if the person has a valid concealed carry endorsement issued by the State of Florida or has a valid permit or endorsement to carry concealed firearms, issued by another state or political subdivision of another state.

This section shall not prohibit any person from participating in any City of Marianna archery program or event, or an event approved by the Marianna City Commission or City Manager.

Fireworks

Fireworks (including firecrackers) are prohibited, unless provided special permission by the City Commission as part of festival activities.

Alcoholic Beverages

Consumption of alcoholic beverages is prohibited except during City-sanctioned events such as special events, within designated areas only. The City's position on City-sanctioned events and designated areas is as follows: To provide for the lawful consumption of alcohol, such areas should not be in areas open to the general public such as main use picnic areas, playgrounds, and other common areas where the potential for user conflicts has a high probability.

Glass Bottles

Glass bottles (of any shape or size) are prohibited within the park grounds.

Aerosol Paint Cans

No person in the park, except City employees or its agents, shall carry on or about his or her person a container capable of propelling paint by means of a gaseous charge. A violation of this provision will result in immediate expulsion from the park and possible further legal action.

Metal Detectors

The use of metal detectors is prohibited, unless provided one-time special permission by the City Manager or his designee to locate a lost item of value. It is illegal to remove, alter, or

destroy any natural or man-made feature or item. Therefore, anything found must be turned in to the City Manager or his designee.

Erection of Structures

It shall be unlawful for any person to construct or erect any building or structure of whatever kind, whether permanent or temporary in character, or run or string any public service utility into, upon, or across park lands, except for special written permit issued by the City Commission or the City Manager.

Vending and Peddling

It shall be unlawful for any person in the park to expose or offer for sale or rent any article or thing, or to station or place any stand, cart, or vehicle for the transportation, sale or display of any such article or thing. An exception is made as to any regularly licensed concessionaire acting by and under the authority and regulation of a special event/festival permit issued by the City Commission.

III. HIKING, BIKING & EQUESTRIAN TRAILS

Hiking, Biking and Equestrian Trails

Hiking, Biking and Equestrian Trails will be located throughout the Hinson Conservation and Recreation Area. Hikers and cyclist will share the same trails, while Equestrian users will have a separate trail in order to protect all users. When using the Hiking/Biking trails, a 15 mph speed limit will be enforced. Cyclist must yield to pedestrians when sharing a trail and give an audible warning when attempting to pass. Where an equestrian and hiking/biking trail intersect, the pedestrian or cyclist will have the right-of-way. Skaters will only be allowed on paved sections of the trail and will yield to both pedestrians and cyclists. No skateboards or other such vehicle will be allowed on the trails.

Bicycles

Bicycling is permitted on established public roads, in parking areas and on approved trails.

Trail use by cyclists:

- (a) Every person operating a cycle upon a city trail shall ride as near to the right side of the trail as practicable, exercising due care when passing a pedestrian or other cyclist.

(b) Persons operating cycles upon a city trail shall ride single file when passing a pedestrian or other cyclist.

(c) No person shall operate a cycle upon a city trail at a speed greater than is reasonable and prudent under conditions then existing.

(d) Every person operating a cycle upon a city multi-use trail shall give an audible signal before passing a pedestrian or another cyclist.

(e) Every person operating a cycle upon a city trail shall at all times exercise the highest degree of care to avoid colliding with another trail user.

Signage and Kiosks

Signage and/or kiosks will be provided at trail heads and along paths so trail users will be aware of trail rules, trail locations and other important information that may become available. As the City feels it is important to educate the public on the natural and historical aspects of the park, interpretive signage will be located in appropriate areas.

Pets on Trails

Hikers wishing to travel with their pets, must keep the animals on a leash no more than eight (8) feet long. Pets must remain under the control of the owner at all times. Dog owners and equestrians must police their animals. Pets should not be allowed to annoy or bite other trail users. Hitching posts will be provided for equestrian users at the loading area and at each trailhead and/or termination point and at any interpretive area that may be created along the trail. Dog owners and equestrians must police their animals. See sections IV and VI for more on horses and other animals in the park.

Horseback Riding

It shall be unlawful for any person in a park to ride a horse, except on designated bridle trails. Where permitted, horses shall be thoroughly broken and properly restrained, and ridden with due care, and shall not be allowed to graze or go unattended, nor shall they be hitched to any rock, tree or shrub.

It shall be unlawful to allow horses to graze outside of designated areas or to roam at-large within City Parks.

The only camping area horses are allowed in is the Equestrian Camping Area at Hinson Conservation and Recreation Area.

Motorized Vehicles on Trails

Motorized vehicles are prohibited on trail corridor, with the exception of electric wheelchairs and City maintenance vehicles.

IV. VEHICLES INSIDE THE PARK

It shall be unlawful for any person to drive any motorized vehicle on any area except the designated roads or parking areas or such other areas as may, on occasion, be specifically designated as temporary parking areas by the City Manager or his designee.

Motor vehicles

It shall be unlawful:

1. To operate a motorbike, motorcycle or other motor vehicle on trails, or cross country, or on primitive unsurfaced roadways that have been posted, signed, or barriered to prohibit vehicle use.
2. To operate a motor vehicle except on roads and parking areas designated for such purposes.
3. To operate a motor vehicle at a speed greater than that posted or to fail to obey traffic signs.
4. In all cases, a motor vehicle shall be operated in compliance with the Florida Motor Vehicle Laws as provided under *Title XXIII, Florida Statutes*, while within the boundaries of City Park.
5. Parking is only allowed in designated parking areas.
6. The speed limit within the park will be 15 mph, unless otherwise posted.

V. SPECIAL USE PERMITS AND FESTIVALS

A Special Use Permit issued by the City Commission is required for all festivals and special events and all commercial or professional filming and photography.

No person shall conduct any activity for which a permit is required unless:

1. Such permit has been issued;
2. All terms and conditions of such permit have been or are being complied with; and
3. The permit is kept on hand at the event, so as to be available for inspection by Police or Municipal Development Department employees.

Festivals/Special Events

Whenever an individual or group wishes to hold a festival or special event it is necessary to obtain a special use permit from the Marianna City Commission. No such act or activity

shall be implemented or commenced prior to or while waiting for written approval from the City Commission. The permit may be granted upon such terms and conditions as the City Commission shall deem reasonable to impose, and shall authorize the permitted acts or activities only insofar as they are performed in strict accordance with the terms and conditions thereof. Permits shall be applied for on forms prepared and provided by the Municipal Development Department, which shall require such information as the Department may deem appropriate for the review and evaluation of the permit application. The City Commission may require a fee for the issuance of a permit. The City Commission may require the applicant post a bond in an amount sufficient to ensure full compliance with the terms and conditions of the permit. The decision to post the bond will be based on the following factors:

1. The location of the event and such location's vulnerability to damage;
2. Whether the event or any activities associated with the event present a high risk of property damage;
3. The number of people expected to be in attendance;
4. The type of equipment to be brought onto the site;
5. The number of days the permittee will occupy the site; and
6. The season in which the event will take place.

The City Commission may require the applicant to obtain personal liability insurance for the event, naming the City of Marianna as additional insured's. The decision on whether to require insurance will be based on the following factors:

1. Whether the special event or any activities included as part of the special event present a risk of personal injury or property damage;
2. Whether the special event involves the sale of food;
3. Whether the special event involves over 2,000 participants, or a large number of participants relative to the size of the site; and/or
4. Whether the special event involves transportation and installation of heavy equipment, or the installation of a stage or other temporary structure.

Failure to comply with the terms and conditions of any permit shall be a violation of these rules. If, upon expiration or termination of the permit, it is determined that a permittee has

not complied with the terms and conditions of the permit, or has violated any law, ordinance, statute or rule, then the following rules shall apply:

1. Any bond provided as security for a permittee's performance with the Department shall be forfeited and retained by the City to the extent necessary to remedy, or compensate the City for, the damages caused by such acts, omissions, or violations;
2. The permittee, together with his or her agents and employees who violated such terms and conditions or provisions of law, ordinance, statute or rule, shall be jointly and severally liable for any additional sum necessary to correct or compensate the City for such damages; and
3. Neither forfeiture of any security, nor payment, nor recovery for such damages shall in any way relieve the permittee of civil or criminal liability arising from the violation of any law, ordinance or rule.

Fees for Festivals

1. Non-profit, charitable organization 501(c)(3) corporation: fees for participants and staff can be waived for community based events where there is no cost to the park. Park should consider serving as a co-sponsor as a community relations opportunity.
2. Non-profit, non-charitable organization: will be charged an appropriate fee to recover all costs to the park.
3. Applicants conducting any marketing or promotional activities prior to final execution of the required special use permit will be conducting such activity at their own risk and must include "Chipola River Greenway, Hinson Conservation and Recreation Area" in the marketing or promotional activities.
4. The permittee, together with his or her agents and employees, who has violated such terms and conditions of the Law, Ordinances, Statutes or Rules will not be allowed use of the property again in the future.

VI. HINSON CONSERVATION AND RECREATION AREA

Hours of Operation

People may enter and use the park between sunrise to sunset. Primitive campers are discouraged from entering and leaving the park after dark unless for an emergency. The hours of operation may be extended for special events and festivals approved by the City Commission. Whenever a threat to public health or safety exists in any park resulting from any natural cause, explosion, accident or any other cause, or by riot or unlawful assembly or activity, the City Commission or City Manager may close the park or any part thereof to the public for such duration as deemed necessary to ensure the safety and well-being of the public. No person shall enter or remain in any park without the permission of the Commission or City Manager when the park is closed to the public.

Quiet Hours

11:00 p.m. to 7:00 a.m., unless a City authorized event is taking place. All generators and music must be turned off. Voices and noise must be kept down.

Watercraft

The canoe launch is provided for non-motorized watercraft only. Use to launch motorized watercraft is prohibited, except for in emergency situations by emergency personnel.

Primitive Camping

Primitive campsites will consist of leveled open space. They will only be located in designated areas within the property and will be marked by guide posts in the ground at each spot. Camping outside established spots will be prohibited. Horses will only be allowed in Equestrian Camping Areas.

Permits

A permit for primitive camping will be required for each camp site and will be issued by the Marianna Police Department during park operating hours (from sunrise to sunset). "Check-In" must be done in person at the Marianna Police Department and a copy of the permit holder's Drivers License or other state-issued form of identification must be presented. The permit will indicate the "check-in" date and "check-out" date for each campsite. Earliest "Check-In" will be 3:30 and latest "Check-Out" will be noon (12:00 pm). If a camper wishes to extend a stay they should contact the Marianna Police Department prior to noon on the scheduled day of "Check-Out." Campers must arrive and "setup" prior to quiet hour. Any

camper arriving by boat or other watercraft is subject to the same rules and conditions as those arriving by land vehicle.

In no case will a permit be issued to any individual under the age of 18. Those under the age of 18 must be accompanied by an adult of at least 25 years of age. In cases where large groups of youths require several campsites, there shall be at least one adult 25 years of age or older per each ten (10) children.

A permit fee of \$20 will be charged and payment will be accepted in the form of a check for the exact amount due. Each permit admits up to eight people overnight on one site and covers one vehicle. There is an extra fee of \$5 for each additional vehicle. Groups larger than eight (8) will be required to rent and occupy additional sites at no more than eight people per site. Children under the age of six (6) will not count toward the eight (8) person limit. Campsites are subject to availability and are provided on a first come, first serve basis. No reservations will be taken. Fees may be waived by the City Manager or his designee in cases where the group has taken on an approved service project that benefits the park.

When demand is great, the maximum length of stay will be 14 days. The City Manager or designee may extend a camper's stay during periods of low demand once the camper is registered and on-site. Visitors may stay up to 21 consecutive nights before they must leave for one week. The City Manager or designee may permit the same campers up to eight weeks aggregate occupancy in any one park in a six month period.

Sanitation Facilities

No sanitation facilities will be made available to primitive campers. Campers will be required to use portable sanitation facilities or use appropriate sanitation disposal procedures. All solid human waste should be buried in "cat holes" at least six (6) inches deep, at least 200 feet from any water source, and at least 100 feet from any campsite.

Garbage Removal

Campers will be responsible for removing any garbage from their campsites before they leave. Trash bins will be provided at public areas when available. Large amounts of trash must be packed out of the park. Campers will be required to leave each camp site in better condition than which they found it. Campsites will be kept tidy and free of any refuse or debris that could blow into other areas. If at any time it is determined that the site does not meet this requirement, the permit holder will be warned. A second infraction or failure to comply will result in immediate expulsion and banning from the park facilities.

Campfires

Campfires may be built in specified areas only. Gathering or chopping firewood is prohibited. Please be aware that fire restrictions may be implemented at any time. Do not leave fires unattended. Campers will be responsible for their fires, whether in a fire ring or a cooking apparatus, at all times and will not leave them unattended. When the camper must leave a fire, the fire will be put out cold and the ashes scattered to avoid rekindling of the fire.

Site Reservation

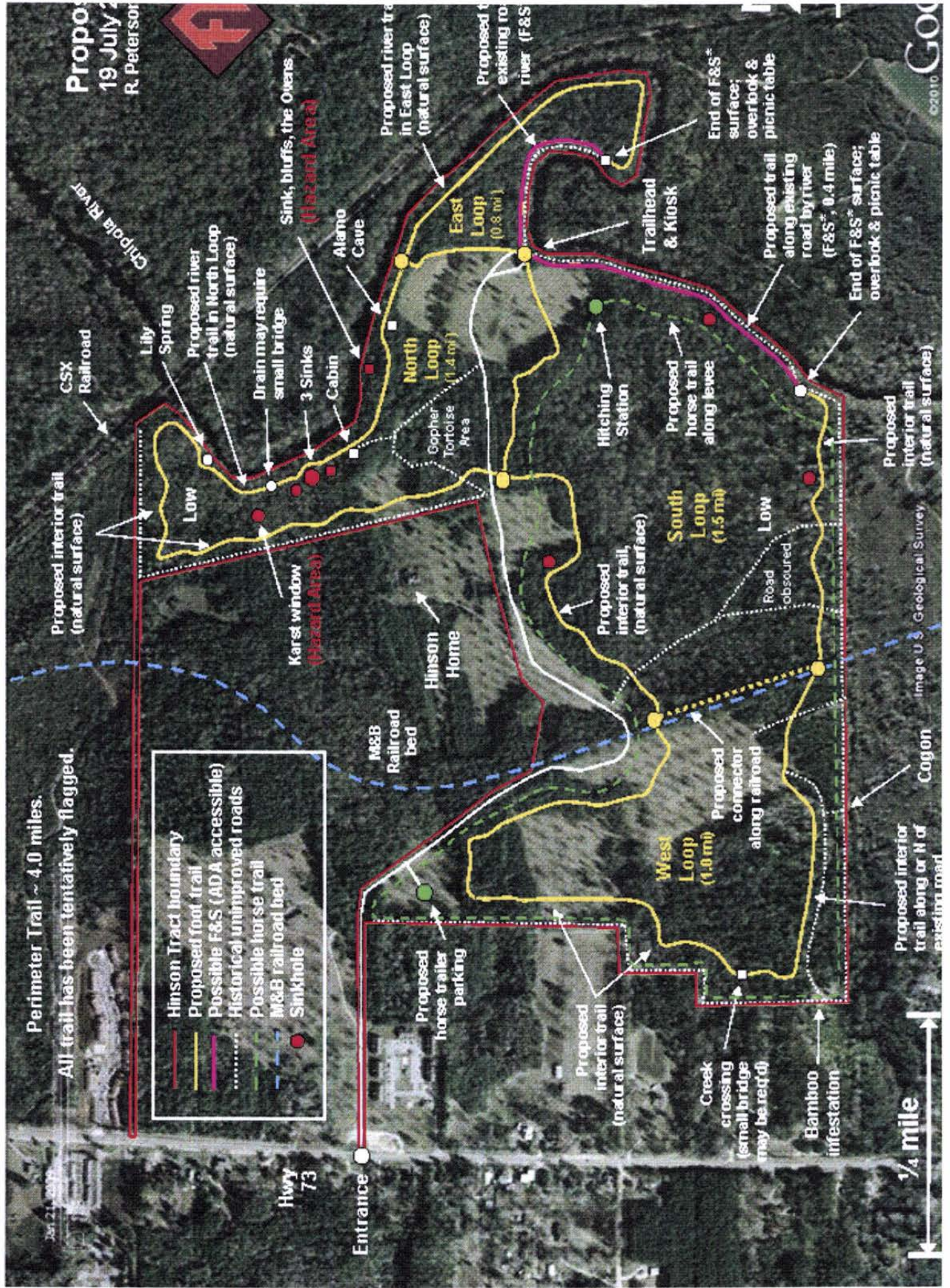
The placement of camping equipment on a campsite for the purpose of reserving that site for future use is prohibited. Personal property left for such a purpose is subject to immediate impoundment. Any property left unattended in excess of twenty-four hours is also subject to impoundment. Impounded property may be sold pursuant to ***Section 22-81, Marianna City Code***.

Host Campers

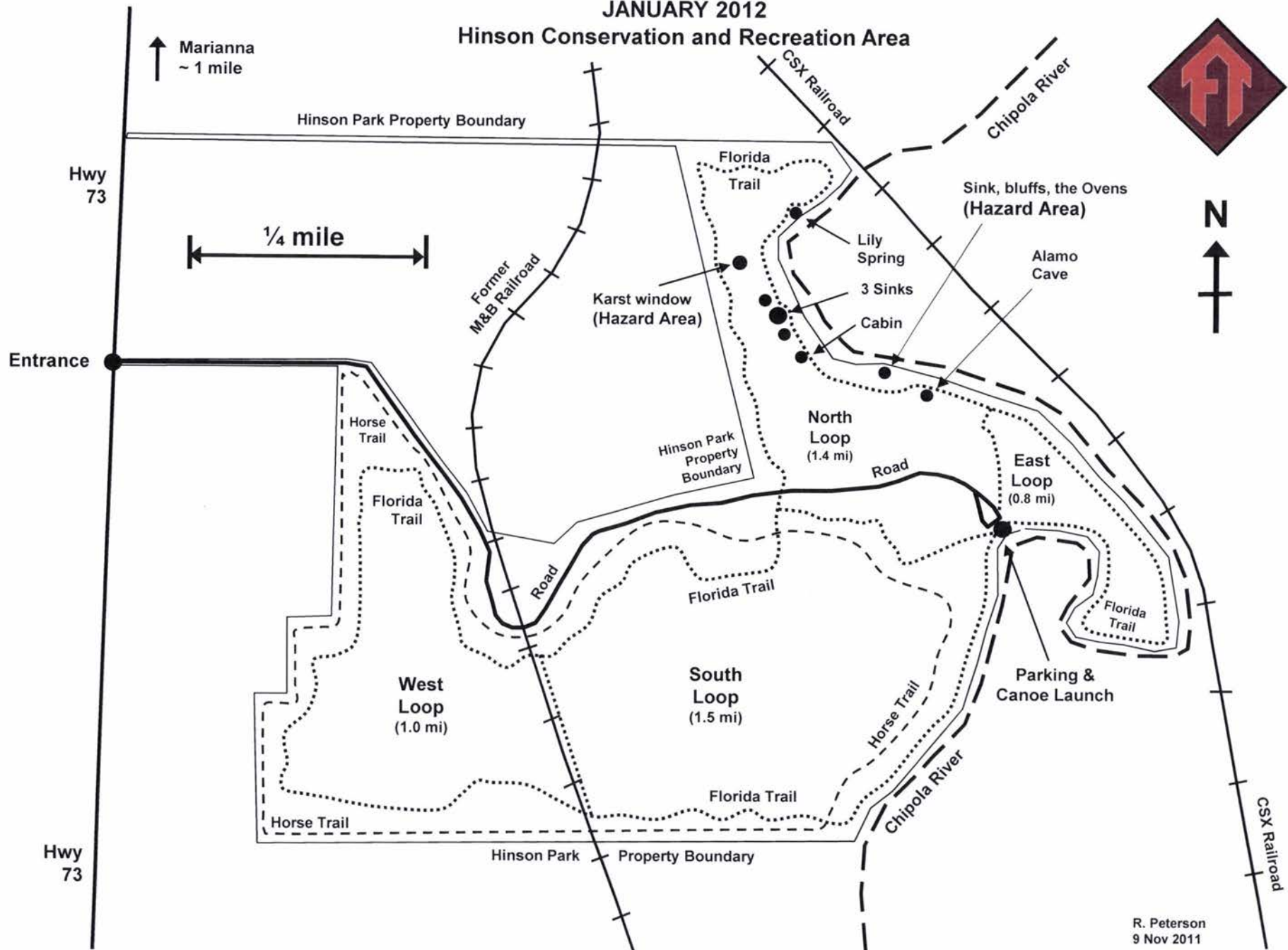
The City will make use of a Host Camper to help patrol the park and perform minor maintenance tasks. A Host Camper must be at least 21 years of age, must agree to a background check, and, if granted a position, must sign a liability waiver and agreement. Host campers must be available for a minimum of two weeks and a maximum of 90 days. They must also be available to volunteer at least 20 hours per week which may include weekends and holidays. Host sites may or may not offer water and electric hookups.

After the interview process, if selected for a host camping position, the host camper must provide their own camping equipment, set a good camping example by maintaining a clean and orderly campsite, follow all park rules and while on duty wear their official Hinson Recreation and Conservation Area Host Camper t-shirt.

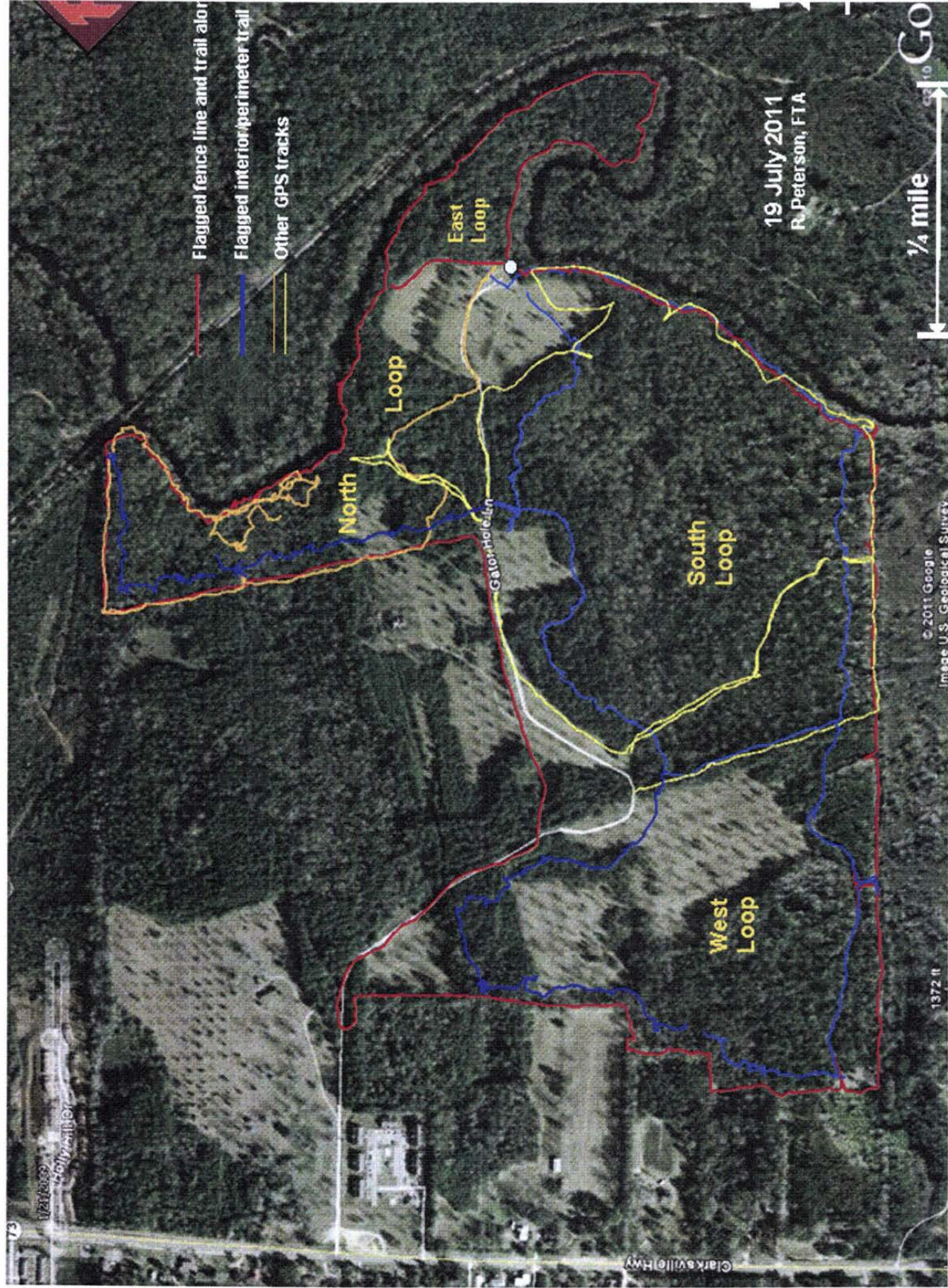
Hinson Tract Foot Trail: Proposed East, North, South, and West Loops



VISITOR'S MAP OF PROPOSED FOOT TRAILS
JANUARY 2012
Hinson Conservation and Recreation Area



GPS Tracks of Tentative Trail Route



Detail of Proposed North Loop

1/21/2009

North Loop

- Natural trail, relatively hilly terrain
- All trail is initially flagged
- Features cave, karst window, bluffs, cabin, and 4 sinks
- Approx length: 1.4 miles

Notes:

1. Trail within wooded area is recommended over following fence-line road.
2. Wooded area low, but dry and sparsely vegetated (suitable for interior natural trail, easily built).
3. This feature is interesting, but *dangerous* unless fenced off; avoided by proposed trail.
4. Drainage ditch may require small bridge during wet season.
5. Trail routed along 3 beautiful sinks.
6. If cabin site cleaned up, would make a good instructional area and/or shelter.
7. These high bluffs are above the Owens Cave. Bluff area is also a rare plant habitat. Proposed trail is routed away from bluffs.
8. Alamo Cave not dangerous and very interesting. Recommend it remain open, but with sign to discourage vandalism. Trail routed by this cave.
9. Junction at river, with sign/trailhead in field. Consider moving N-S segment E into woods.
10. Junction in woods; recommend sign at junction.



Appendix H



Florida Fish
and Wildlife
Conservation
Commission

Commissioners

Robert A. Spottswood
Chairman
Key West

Michael W. Sole
Vice Chairman
Tequesta

Rodney Barreto
Coral Gables

Steven Hudson
Fort Lauderdale

Gary Lester
Oxford

Gary Nicklaus
Jupiter

Sonya Rood
St. Augustine

Office of the
Executive Director
Eric Sutton
Executive Director

Thomas H. Eason, Ph.D.
Assistant Executive Director

Jennifer Fitzwater
Chief of Staff

850-487-3796
850-921-5786 FAX

*Managing fish and wildlife
resources for their long-term
well-being and the benefit
of people.*

620 South Meridian Street
Tallahassee, Florida
32399-1600
Voice: 850-488-4676

Hearing/speech-impaired:
800-955-8771 (T)
800 955-8770 (V)

MyFWC.com

March 13, 2020

Paula Livergood
Municipal Development Planning Tech
City of Marianna, FL

Dear Paula Livergood:

This letter is in response to your request for listed species occurrence records and critical habitats for your project located in Jackson County, Florida. Records from The Florida Fish and Wildlife Conservation Commission's database indicate that listed species occurrence data and critical habitats are located within the project area. Records of Barbour's map turtle, Cooper's hawk, Georgia blind salamander, grey bat, southeastern bat, wood stork, Alabama shad, snail bullhead, gray fin redhorse, Florida black bear, alligator snapping turtle, oval pigtoe, shinyrayed pocketbook, and gulf moccasinshell were found on, or within a 1-mile distance of, the property. SHCAs were found for Cooper's hawk, and gray bat within a 1-mile distance of, the property. Enclosed are 8.5 x 11 maps prioritized SHCA's, species richness, priority wetlands for listed species, and land cover for the project site and surrounding area.

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

Our SHCA recommendations are intended to be used as a guide. Land development and ownership in Florida is ever-changing and priority areas identified as SHCA might already have been significantly altered due to development or acquired into public ownership. Onsite surveys, literature reviews, and coordination with FWC biologists remain essential steps in documenting the presence or absence of rare and imperiled species and habitats within the project area.

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

Therefore, one should not assume that an absence of occurrences in our database indicates that species of significance do not occur in the area.

The Florida Natural Areas Inventory (FNAI) maintains a separate database of listed plant and wildlife species, please contact FNAI directly for specific information on the location of element occurrences within the project area.

Because FNAI is funded to provide information to public agencies only, you may be required to pay a fee for this information. County-wide listed species information can be located at their website (<http://www.fnai.org>).

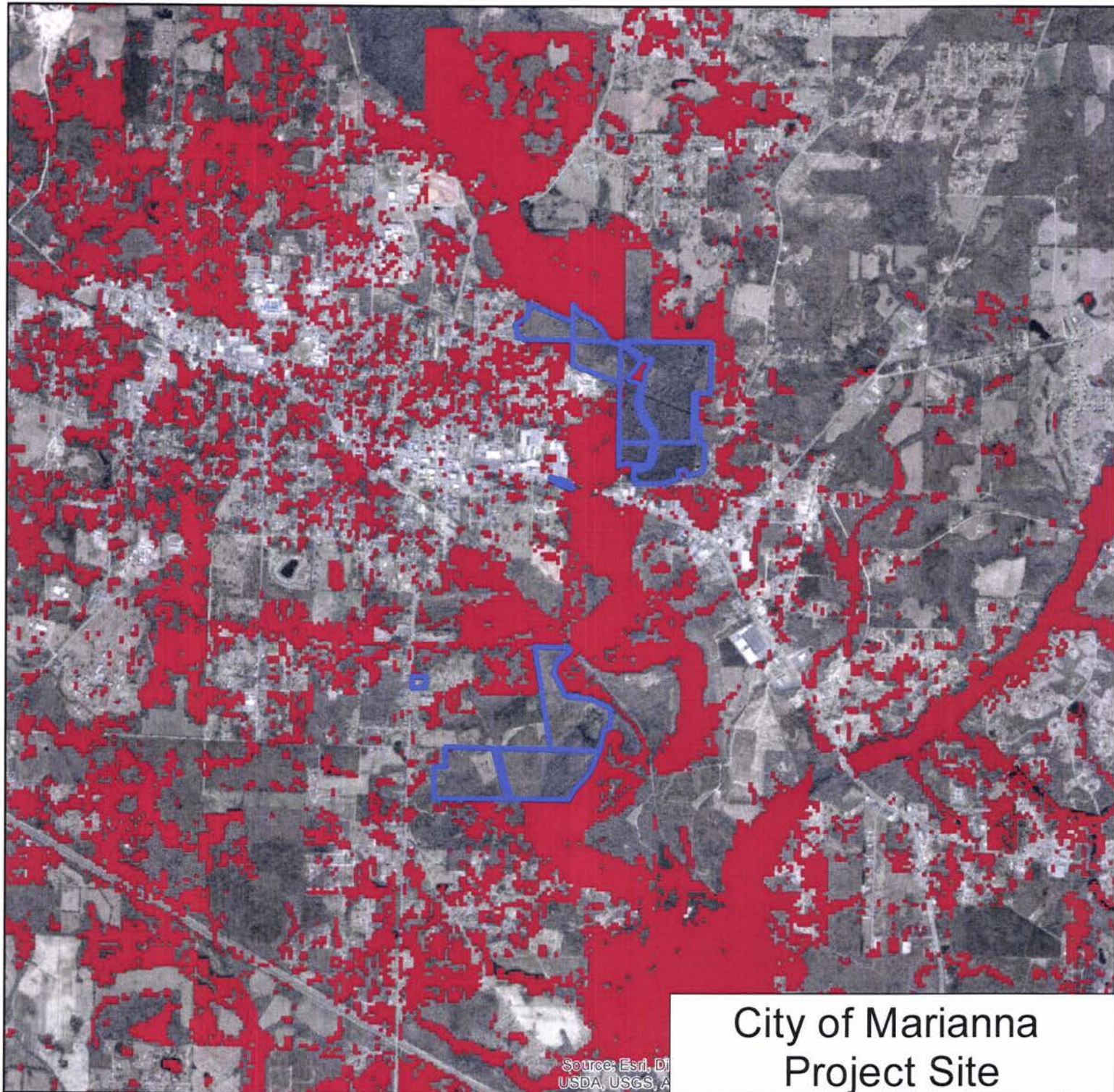
Please credit the Florida Fish and Wildlife Conservation Commission in any publication or presentation of these data. If you have any questions or further requests, please contact me at (850) 488-0588 or gisrequests@myfwc.com.

Sincerely,



Eva Salinas
Research Assistant

ES
2020_6407
Enclosures



City of Marianna Project Site

Prioritized SHCA's



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

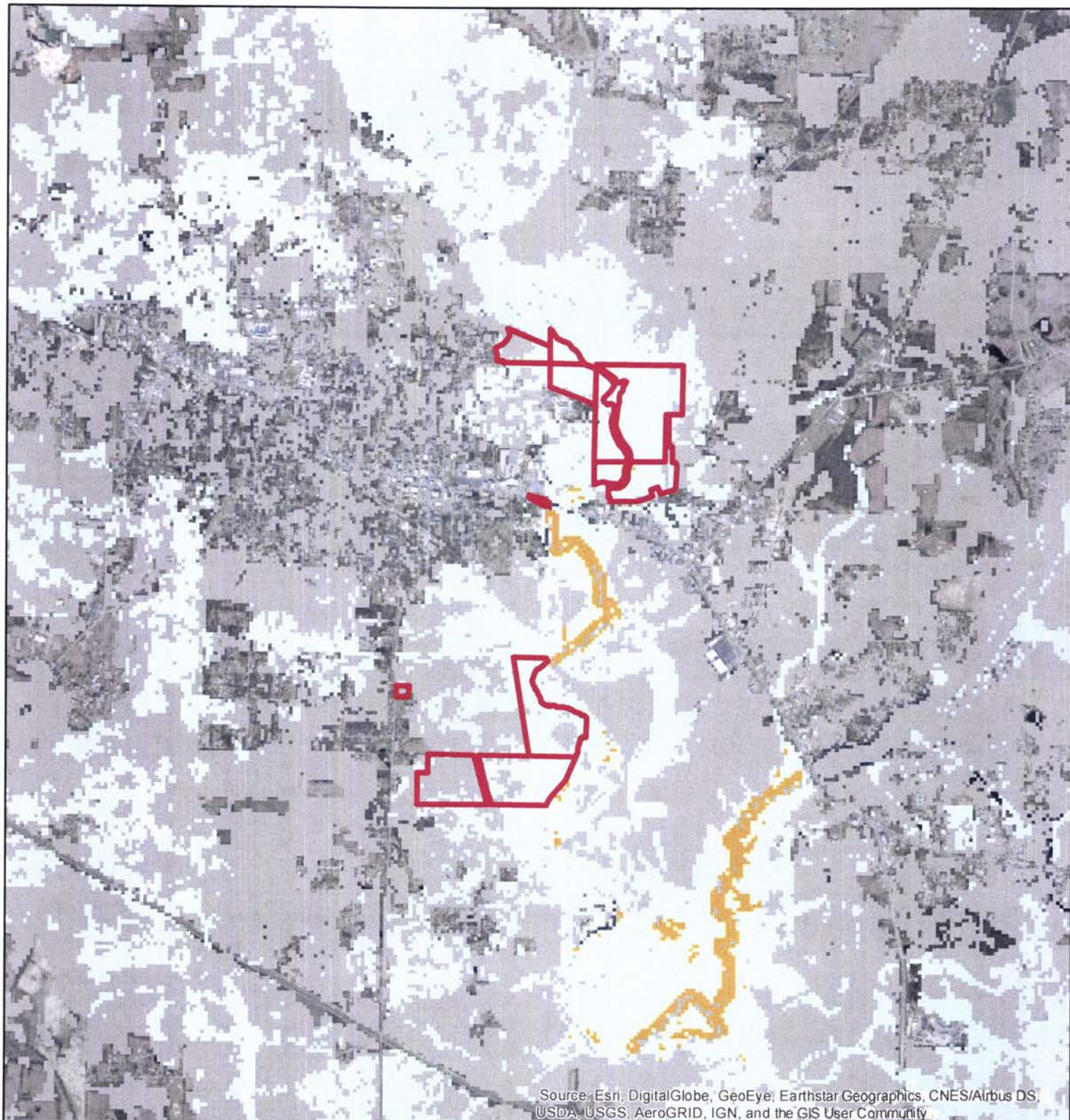


Approximate site boundary



Florida Fish and Wildlife
Conservation Commission
MyFWC.com





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Species Richness

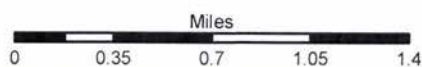


1-3 4-6 7-9 10-13

City of Marianna Project Site



Approximate site boundary



Florida Fish and Wildlife
Conservation Commission
MyFWC.com

FWC ID: 2020_6407 March 09 2020



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

March 31, 2020

Ms. Kay Dennis, ACIP
Municipal Development Director
City of Marianna
P.O. Box 936
Marianna, FL 32447

RE: Chipola River Greenways

Dear Ms. Dennis

Thank you for your inquiry regarding the surface water quality classifications and Outstanding Florida Waters (OFW) on and near the two new parcels included in the Chipola River Greenway in Jackson County. There are no aquatic preserves near either of the parcels; however, the entire length of the Chipola River, including the portion on and adjacent to the Chipola River Greenways, has been designated as an Outstanding Florida Water according to subparagraph 62-302.700(9)(i)6, FAC. Additionally, all of the surface waters on or adjacent to the Greenway, including the two new parcels, are classified as Class III waters according to subparagraphs 62-302.400(17)(b)32., Florida Administrative Code (FAC) for Jackson County, and 62-302.400(15), 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 850/245-8423, or via Email at grover.payne@FloridaDEP.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "G. Garry Payne".

G. Garry Payne, Ph.D.
Environmental Manager
Water Quality Standards Program
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 6511
Tallahassee, FL 32399-2400
Phone: (850) 245-8423
Email: grover.payne@FloridaDEP.gov

Kay Dennis

From: Stoutamire, Terri <Terri.Stoutamire@deo.myflorida.com>
Sent: Friday, March 27, 2020 7:36 AM
To: Kay Dennis
Subject: RE: [EXTERNAL] - City of Marianna Greenway Land Management Plan Amendment

Caution – This email originated from outside of our organization. Please do not open any attachments or click on any links from unknown sources or unexpected email.

Hey Kay,

Jackson County is not in an of Area of Critical State Concern. Those locations are in Key West (Dade, Broward & Palm Beach Co.), Big Cypress (Monroe County), Green Swamp (Polk and Lake County) and Apalachicola Bay (Franklin and Gulf Counties). If you need one of our planners to look at this for any other reason I will be glad to forward this message to Valerie James, she is the planner for Jackson County area.

I hope this email is sufficient for written documentation. If it's not please let me know and I will be glad to generate you a letter on our letterhead.

Thank you and stay safe! 😊

Terri Stoutamire, Plan Processor
DEO
850-717-8513

From: Kay Dennis <kdennis@mariannafl.city>
Sent: Thursday, March 26, 2020 4:56 PM
To: Stoutamire, Terri <Terri.Stoutamire@deo.myflorida.com>
Subject: [EXTERNAL] - City of Marianna Greenway Land Management Plan Amendment

Terri,

Could you assist me with the attachment? Thank you for your continued help.
Kay



STATE OF FLORIDA
DEPARTMENT OF COMMUNITY AFFAIRS

"Dedicated to making Florida a better place to call home"

JEB BUSH
Governor

COLLEEN CASTILLE
Secretary

March 17, 2003

Ms. Kay Dennis
City Planner
Post Office Box 936
Marianna, Florida 32447

Subject: Chipola River Greenway Project

Dear Ms. Dennis:

The Department has received your request for a determination regarding the location of the City of Marianna Chipola River Greenway Project, in relation to being in or near an Area of Critical State Concern. Upon review of the mapped locations that were provided by your office, it has been determined that those properties are not in a designated Area of Critical State Concern.

However, the Chipola River is a tributary to the Apalachicola River, whose terminus is the Apalachicola Bay. The Apalachicola Bay is an Area of Critical State Concern. During the planning and implementation process, all due consideration must be taken to ensure that there are no negative impacts downstream from your City Greenway. Please continue to utilize the resources of this Department and the Department of Environmental Protection to ensure that your project remains environmentally safe as well as accessible to the public.

Please let me know if I can be of further assistance. I can be contacted at 850-922-1791.

In Service,

A handwritten signature in black ink that reads "Bruce W. Stitt".

Bruce W. Stitt
Planner

2555 SHUMARD OAK BOULEVARD • TALLAHASSEE, FLORIDA 32399-2100

Phone: (850) 488-8466/Suncom 278-8466 FAX: (850) 921-0781/Suncom 291-0781

Internet address: <http://www.dca.state.fl.us>

CRITICAL STATE CONCERN FIELD OFFICE
2796 Overseas Highway, Suite 212
Marathon, FL 33050-2227
(305) 289-2402

COMMUNITY PLANNING
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
(850) 488-2356

EMERGENCY MANAGEMENT
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
(850) 413-9969

HOUSING & COMMUNITY DEVELOPMENT
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
(850) 488-7956

Appendix I

Exhibit 1



THE SECRETARY OF THE INTERIOR
WASHINGTON

MAY 30 2013

The Honorable James B. Wise
Mayor of Marianna
Marianna, Florida 32446

Dear Mayor Wise:

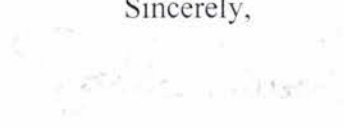
It is my pleasure to inform you that the Chipola River Greenway - Butler Trail has been designated as a National Recreation Trail (NRT).

The Chipola River Greenway - Butler Trail is a fine addition to the National Trails System. This year it joins 27 other newly designated NRTs across the United States for this special recognition. We are very proud of these trails and the spirit of partnerships and resource conservation that they represent. Trails provide millions of Americans with outstanding opportunities to enjoy America's Great Outdoors.

On Saturday, June 1, 2013, tens of thousands of Americans will observe the 21st National Trails Day. We hope that you will be able to join us in this celebration. Enclosed is your certificate of designation, signed by the Director of the National Park Service and myself, and a set of new trail markers.

I want to thank you for your commitment to providing outdoor recreation, physical fitness, heritage, and volunteer opportunities for Americans of all ages.

Sincerely,


Sally Jewell

Enclosures



THE SECRETARY OF THE INTERIOR
WASHINGTON

MAY 30 2013

The Honorable James B. Wise
Mayor of Marianna
Marianna, Florida 32446

Dear Mayor Wise:

It is my pleasure to inform you that the Chipola River Greenway Trails - Hinson Conservation and Recreation Area Trail System has been designated as a National Recreation Trail (NRT).

The Chipola River Greenway Trails - Hinson Conservation and Recreation Area Trail System is a fine addition to the National Trails System. This year it joins 27 other newly designated NRTs across the United States for this special recognition. We are very proud of these trails and the spirit of partnerships and resource conservation that they represent. Trails provide millions of Americans with outstanding opportunities to enjoy America's Great Outdoors.

On Saturday, June 1, 2013, tens of thousands of Americans will observe the 21st National Trails Day. We hope that you will be able to join us in this celebration. Enclosed is your certificate of designation, signed by the Director of the National Park Service and myself, and a set of new trail markers.

I want to thank you for your commitment to providing outdoor recreation, physical fitness, heritage, and volunteer opportunities for Americans of all ages.

Sincerely,

Sally Jewell

Enclosures

Exhibit 2

United States Department of the Interior
National Park Service

In recognition of achievements by the
City of Marianna
Chipola River Greenway

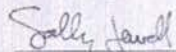
hereby designates the
Chipola River Greenway - Butler Trail

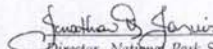


as a NATIONAL RECREATION TRAIL
in the National Trails System

Authorized by the National Trails System Act of 1968




Secretary of the Interior


Director, National Park Service

this 30th day of May 2013

United States Department of the Interior
National Park Service

In recognition of achievements by the
City of Marianna
Chipola River Greenway

hereby designates the
Chipola River Greenway Trails -
Hinson Conservation and Recreation Area Trail System



as a NATIONAL RECREATION TRAIL
in the National Trails System

Authorized by the National Trails System Act of 1968

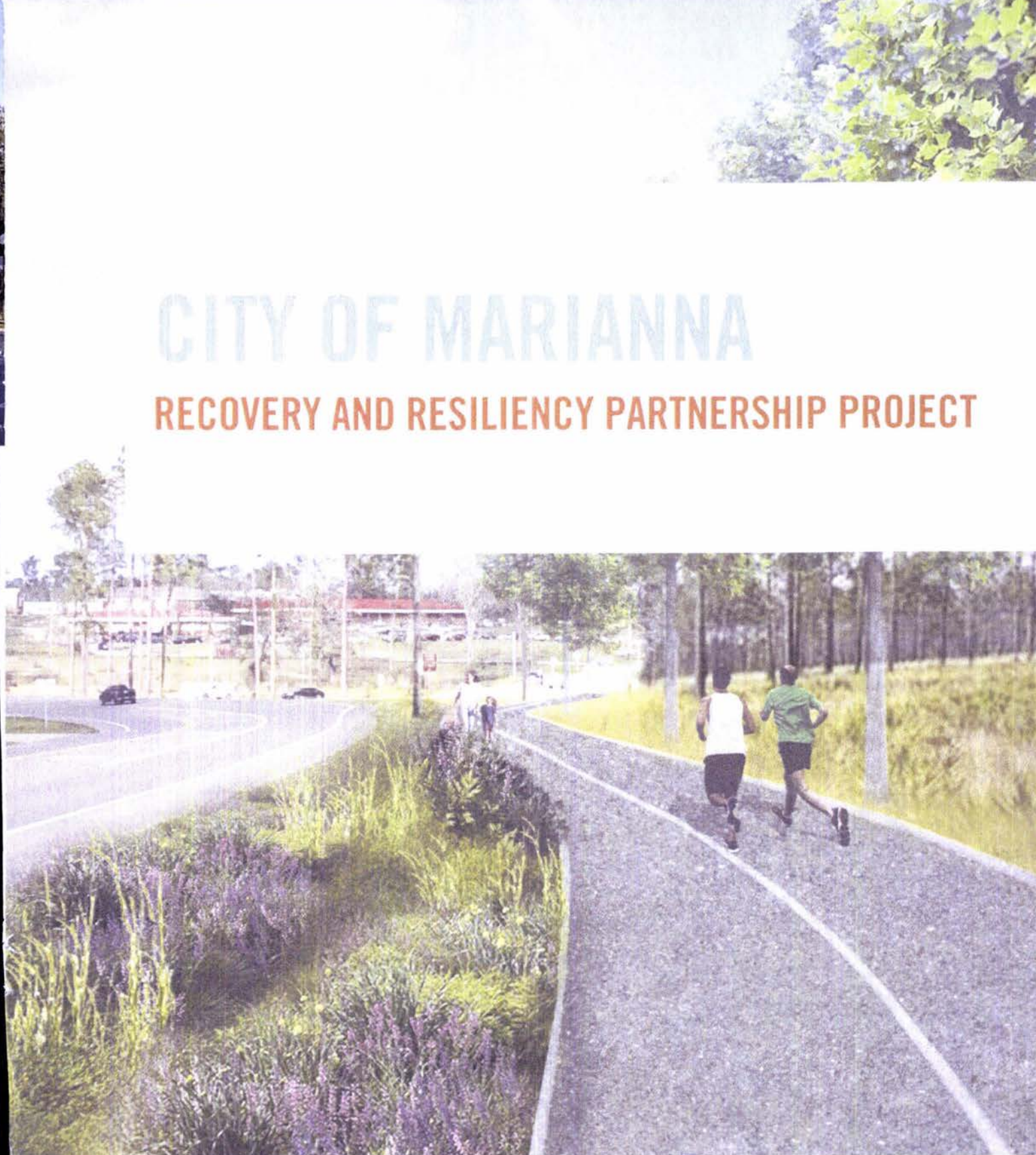


Sally Jewell
Secretary of the Interior

Jeanne Garza
Director, National Park Service

this 30th day of May 20 13

Appendix J



CITY OF MARIANNA

RECOVERY AND RESILIENCY PARTNERSHIP PROJECT

OVERVIEW

Developing sustainable stormwater management and green space strategies to improve resilience and support community long-term recovery.



COMMUNITY INPUT

The project team worked closely with city staff and the community to respond to specific community goals and challenges with a set of sustainable design options that foster a strong sense of place. The project team provided the following range of virtual and socially-distanced options for community input in context of Covid-19 safety concerns.

- City Council meeting on June 4, 2020, with a call-in option.
- Posters on display at City Hall and outdoor community events accompanied by a paper survey.
- Virtual open house via the project web page with video presentations and online survey.
- Stakeholder meetings via conference call.

Overall the participants expressed support and enthusiasm for the proposed designs. The concepts on the following pages reflect the community input provided.

INTRODUCTION

The city of Marianna (the City) is challenged with the daunting task of recovering from the devastating impacts of Hurricane Michael, a Category 5 hurricane that made landfall in October 2018. To support physical and economic recovery in Marianna, the Recovery and Resiliency Partnership Project (R2P2) provided technical assistance by developing strategies and design concepts that bolster resiliency to stormwater impacts, improve quality of life and support sustainable redevelopment. The design process was guided by the following technical assistance goals:

- Integrate long-term sustainability and resilience into rebuilding.
- Support a vibrant and prosperous downtown with improved streetscapes.
- Create an attractive and welcoming West End gateway.
- Reduce stormwater runoff to protect Kelson Avenue and the Chipola River.
- Provide connections to businesses and community amenities.
- Improve pedestrian and bicycle safety at key connections.
- Create connections between downtown businesses and regional recreation opportunities.

ABOUT

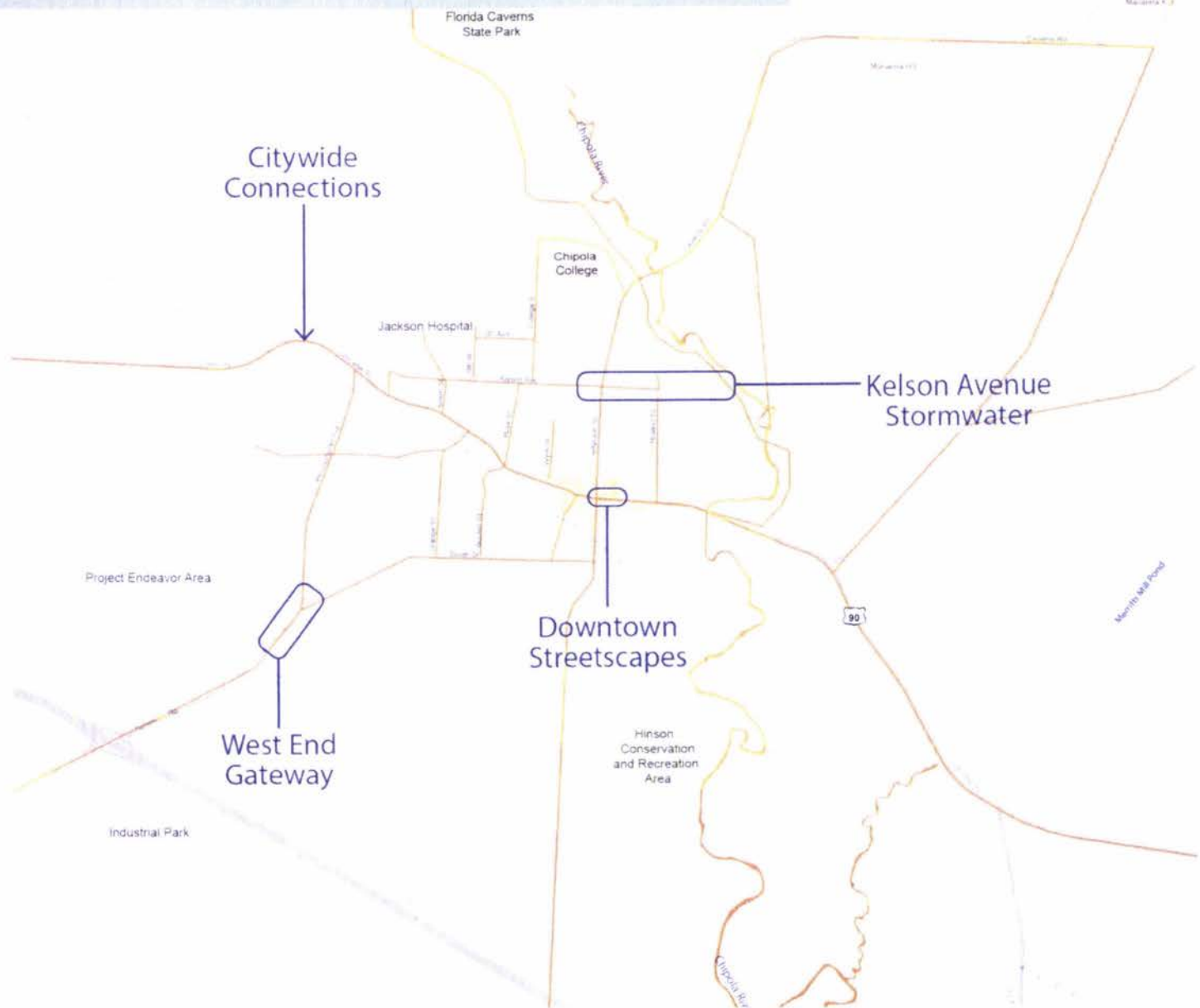
The Recovery and Resiliency Partnership Project (R2P2) is a technical assistance initiative to support the recovery of Florida Panhandle cities provided by the U.S. Federal Emergency Management Agency (FEMA) Integrated Recovery Coordination field operations and the U.S. Environmental Protection Agency (EPA), Region 4.

FOCUS

For the technical assistance, the City identified four areas where innovative conceptual designs can support revitalization, storm resilience and long-term economic recovery. The technical assistance team worked with the City to develop designs for each of the project sites, as well as a citywide connectivity plan that proposes safe pedestrian and bicycle options. Each design is informed by a set of sustainability principles and strategies described on pages 2-3.

Design Projects include:

Downtown Streetscapes	4-5
West End Gateway	6-7
Kelson Avenue Stormwater	8-9
Citywide Connections	10-11
Safe Connections	12-13





SUSTAINABILITY & RESILIENCE

Integrate long-term sustainability and resilience into rebuilding.

PRINCIPLES

The design options in this report address the City's specific goals and challenges by integrating the principles of resilience, alternative transportation, health and wellness, and vibrant public spaces into stormwater management. This approach increases resilience of the stormwater management while improving public spaces and opportunities to bike and walk.



COMMUNITY RESILIENCE

Design tools and strategies to support economic recovery and build resilience for future storm events are highlighted within each design concept. Designs include strategies to increase economic resilience by creating new greenways and green spaces that attract visitors and boost commercial opportunities and local employment. Sustainability features also increase resilience of the built environment during storm events by capturing stormwater and reducing flooding.



HEALTH & WELLNESS

Increasing opportunities for health and wellness can strengthen a community's resilience by increasing wellbeing and community ties through exercise and social interactions. In addition, recreation amenities can bolster economic recovery as recreational tourism grows in popularity. Providing opportunities to connect with the natural environment is linked to improved physical, social and mental health.



ALTERNATIVE TRANSPORTATION

Improving infrastructure for safe travel by foot and bicycle can help reduce vehicular traffic. Improvements to paddle sport access points can support a recreational economy that links biking, hiking and waterways that encourage healthier lifestyles.



VIBRANT PUBLIC SPACES

Creating attractive and welcoming public spaces can bring people into downtown areas, increase resident and visitor spending, boost local employment and drive local investment. Placemaking strategies such as signage, public art, and plantings help create vibrant spaces that build local pride and attract visitors to the area.

STRATEGIES

The design options on the following pages address specific challenges by integrating best practices to address stormwater while providing amenities to improve public spaces and biking and walking safety.

Each design option integrates one or more of the tools described on this page to help manage the volume, flow and/or treatment of stormwater and support natural ecosystems.

The icons are included on the concept design plans to indicate the tools used.



WETLAND RETENTION

Enhancing existing wetlands can provide stormwater detention, improved water quality, increased habitat and new recreational amenities.



WATERWAY RESTORATION

Vegetated buffers on either side of a waterway enhance watershed health by moderating water runoff quantities and improving water quality. The vegetation can intercept, absorb and infiltrate surface runoff to help moderate the peak runoff rates during rain events, which reduces erosion and sedimentation of the channel, keeps water cool and supports aquatic habitat.



POLLINATOR GARDENS

Many types of plants, including fruit and vegetable crops, depend on animals (such as butterflies, bees and birds) for pollination. Using pollinator-friendly plants can also help support these important species.



PERVIOUS PAVEMENT

Pervious concrete and asphalt surfaces have proven to be effective and viable alternatives to traditional paving systems. The surface allows stormwater runoff volumes to decrease, infiltration rates to increase, and pollutant loads to be reduced before reaching local water bodies.



NATIVE PLANTINGS

Incorporating vegetation into the landscape is a stormwater management technique that mimics natural drainage. Vegetated areas intercept and infiltrate rainfall to decrease stormwater volumes and can also remove pollutants.



WATER REUSE

Water reuse reclaims water from a variety of sources then treats and reuses it for beneficial purposes such as irrigation, groundwater replenishment and industrial processes. Water reuse can provide alternatives to existing water supplies and be used to enhance water security, sustainability and resilience.



PLANTED SWALES

Vegetated swales, sometimes referred to as bioswales, are broad, shallow channels designed to convey and infiltrate stormwater runoff. Swales reduce stormwater volume and improve water quality through infiltration and vegetative filtering. Swales can be planted with grasses, perennials, shrubs and trees to increase aesthetic and habitat value.

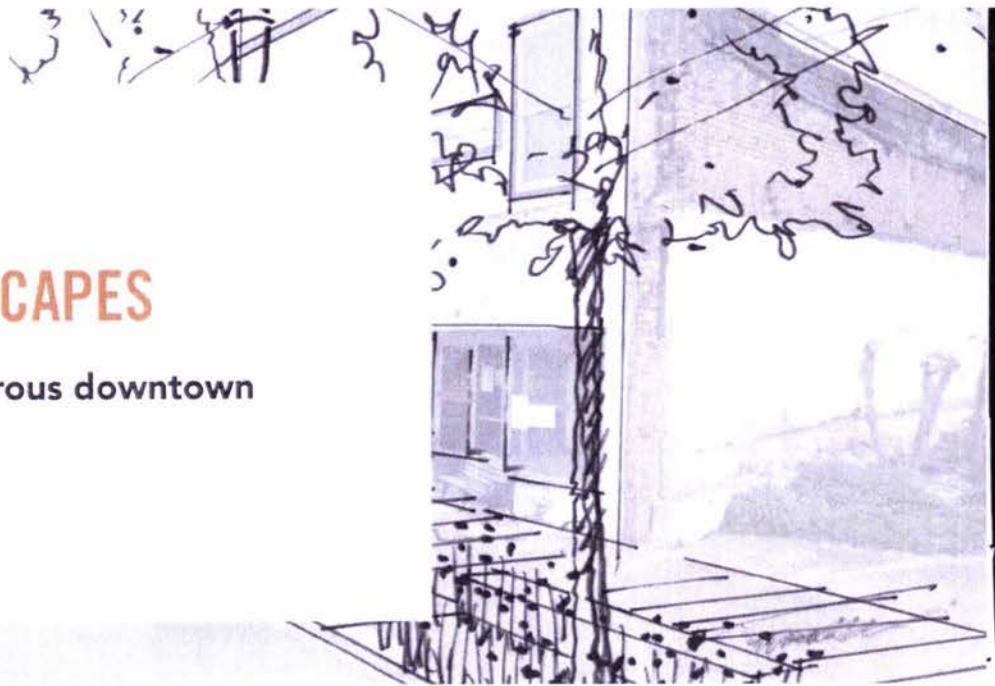


RAINWATER STORAGE

Capture systems collect and store stormwater for specific purposes, such as irrigation, and often can hold water for a significant period of time.

DOWNTOWN STREETSCAPES

Support a vibrant and prosperous downtown with improved streetscapes.



EXISTING CONDITIONS

Cars and trucks move through downtown on Lafayette Street/ Highway 90 at high speeds, creating disruptive noise and causing concern for pedestrians crossing the street or people accessing parked vehicles from the street side.

Redevelopment is planned for the northern blocks at Market Street and Green Street. A new government complex is planned for the east side of Green Street, and Regions Bank is rebuilding the bank on the west side of Green Street.



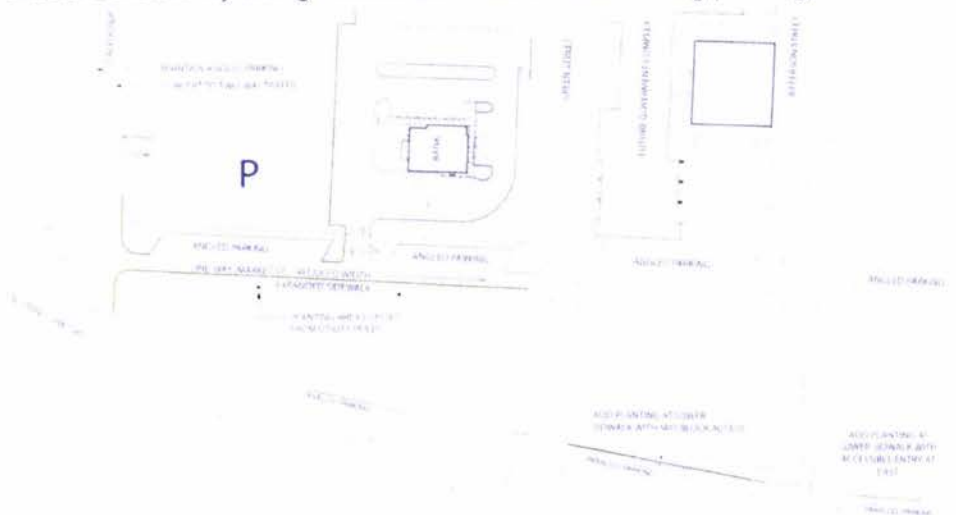
DESIGN CONCEPTS

Lafayette Street

Expanded planting areas, lighting and banners can enhance the pedestrian experience along this commercial corridor. Reverting Caledonia Street to handle two-way traffic and transitioning Market Street for one-way eastbound traffic can address pedestrian safety concerns. The plan recommends using native plants that are low maintenance.

Market Street

Creating a designated pedestrian area on side streets away from the noise of truck traffic can provide safe, convenient access to businesses and offer a second storefront. Angled parking along the north side of the street can create consistency along Market Street without reducing parking.



A complete street approach can increase aesthetic appeal and improve pedestrian safety while integrating stormwater management and slowing traffic in downtown.

LAFAYETTE STREET

Single Level Conditions

Along Lafayette Street between Caledonia and Green Streets, a wide pedestrian area can be enhanced with plantings, seating, lighting and safe crosswalks.



Illustrative view of Lafayette Street

Split Level Conditions

Along Lafayette Street east of Green Street, a lower level sidewalk offers access from on-street parking, while an upper level sidewalk provides a safe, accessible pedestrian path from Green Street. Plantings extend along the business entries, and stormwater infiltration planters along the street can capture runoff and pollutants from vehicles.



Illustrative view of Lafayette Street

MARKET STREET

Market Street between Caledonia and Madison Streets could be reconfigured with angled parking on the north side of a one-way drive lane. An expanded sidewalk would allow businesses to better utilize their rear entrances and create a larger pedestrian area that can also accommodate seating.



Illustrative view of Market Street

WEST END GATEWAY

Create an attractive and welcoming West End gateway.

EXISTING CONDITIONS

Penn Avenue (Route 276) is a key entry into Marianna. The corridor extends along the Project Endeavor property, which is planned as a mixed-use development to include offices, a museum, a school for students with autism, an industrial park and a mixed-density residential area. Mixed uses and vacant property along the corridor, and the lack of pedestrian or bicycle infrastructure, make the entry roadway feel disconnected. The wide "Y" intersection of Penn Avenue and South Street presents safety issues for vehicles and pedestrians.

DESIGN CONCEPTS

The West End Gateway design concepts focus on intersection improvements, a multi-use path, and visible features such as plants and signage to identify the entrance to Marianna and improve the views into the Endeavor property as it transitions during redevelopment. Close coordination between the City, Jackson County and FDOT can support the community's goals for safety improvements, and align implementation of the multi-use trail with Project Endeavor redevelopment.

Intersection of Penn Avenue and South Street

Design features such as plantings and signage that highlight the area's valuable redevelopment potential can reposition this corridor as a welcoming entry into the city. Narrowed lanes and a traffic island can slow traffic and make the intersection feel more cohesive.

Multi-use Path

A wide, 12-foot paved path offers safe passage for pedestrians and bicyclists along the east side of the corridor. Vegetated swales along the path can capture stormwater and serve as a safety buffer between the path and roadway.

The path can link to pedestrian and bicycle improvements proposed for Penn Avenue and South Street, which link to key destinations in Marianna. The American Planning Association (APA) developed a Pennsylvania Avenue Corridor/West End Plan in 2018 to improve pedestrian and bicycle infrastructure connecting the West End to Lafayette Street/Highway 90. At South Street, the multi-use path can link to proposed continuous sidewalks and designated bicycle lanes that will provide a safe connection to downtown.



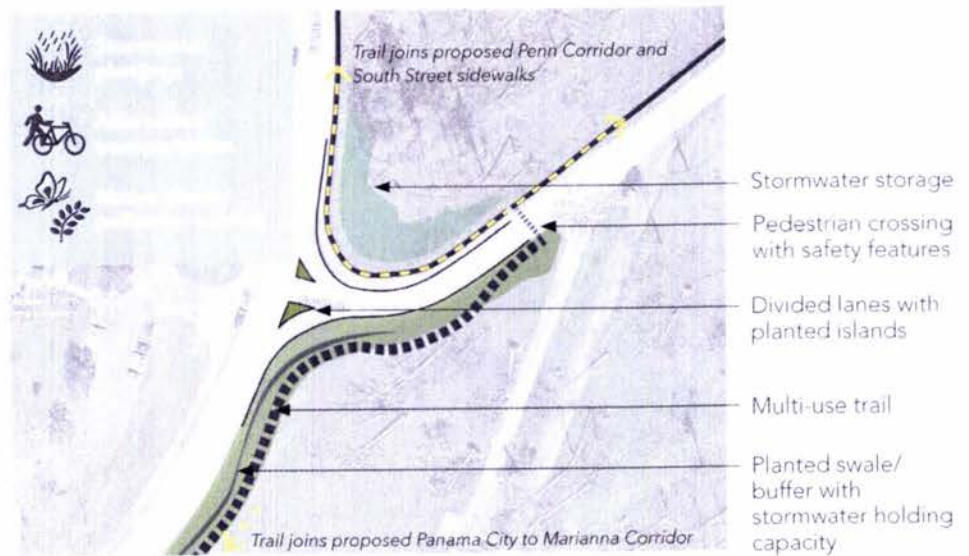
Access to greenways and trails has positive impacts on public health and wellness.

Trail-based tourism can be a major economic driver in many small communities by supporting local small businesses.

INTERSECTION OF PENN AVENUE AND SOUTH STREET

The plan view illustrates the narrowing of the South Street turnoff to slow down traffic and planting islands to divide travel lanes. The intersection includes a well-marked crosswalk to improve safety for pedestrians and bicyclists crossing South Street.

The dashed line indicates the location for a wide multi-use trail bordered by a native planting buffer to capture stormwater and a tree canopy for shade.



The proposed view shows the adjacent multi-use path to the right and enhanced streetscape for this gateway area.



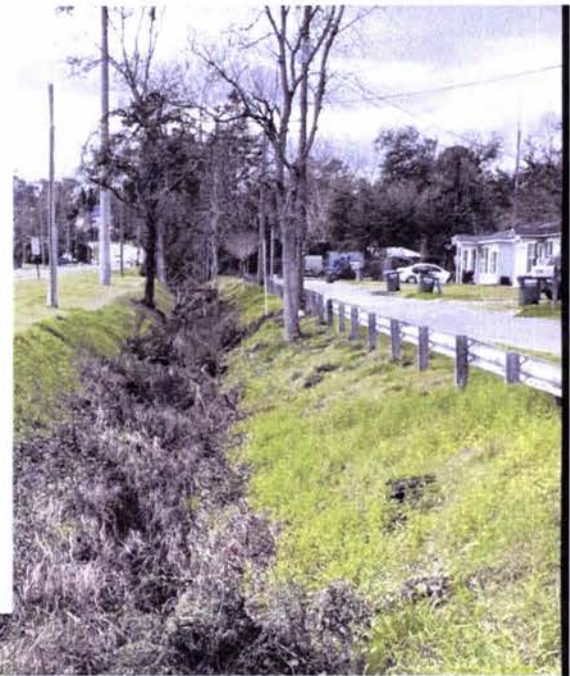
MULTI-USE PATH

The proposed view illustrates the stormwater management swale and plantings adjacent to Penn Avenue. The two-way 12-foot wide multi-use path is framed by a tree canopy and naturalized planting. The path links to the proposed Penn Avenue Corridor (plan by APA, 2018) and the proposed Panama City to Marianna Corridor, a regional trail.



KELSON AVENUE STORMWATER

Reduce stormwater runoff to protect Kelson Avenue and the Chipola River.



EXISTING CONDITIONS

Water Flow

During rain events, a large volume of water flows toward Kelson Avenue. The flow converges in a narrow drainage ditch at Jefferson Street and Kelson Avenue.

Erosion and Safety

Due to erosion, the ditch now encroaches on residences and poses a safety hazard to pedestrian and vehicle traffic. The most severe issues are located north of Kelson between Jefferson Street and Spring Street.

Plans In Progress

The City is developing designs for an underground drainage network to convey water along Kelson in a box culvert, releasing the water in a stormwater treatment pond east of Noland Street. Because the pond is located in the flood zone, it will likely be inundated in 50-year and 100-year storm events

Chipola River

Stormwater from the ditch flows directly into the pristine Chipola River, carrying debris and pollutants with it. The scenic river, fed by 63 freshwater springs, flows nearly 100 miles through northwest Florida.

DESIGN CONCEPT

Cascade Approach

This concept proposes a hybrid network to stormwater management that includes traditional drainage (pipes) and natural drainage features to address erosion along Kelson Avenue while improving water quality, supporting a healthy Chipola River ecosystem and providing new recreation opportunities.



A Stormwater Park - can serve as both a stormwater management feature and recreation opportunity.

B Cascade Trail and Greenway Connections - can enhance connectivity from Chipola River to Chipola College and other destinations along Kelson Avenue.

C Upstream Mitigation - can help reduce flow by increased storage capacity upstream and enable natural drainage solutions along Kelson that include restoring and re-engineering the existing open channel east of Spring Street.



A - STORMWATER PARK

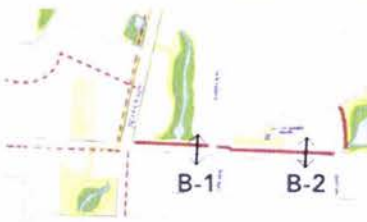
A Recreation Opportunity

A stormwater park that serves as a trailhead for the Chipola Greenway could include a 1/2-mile loop trail of gravel and boardwalk paths. Features might include: parking, birdwatching, fitness, gathering areas and connection to the Chipola Greenway.



B - CASCADE TRAIL AND GREENWAY CONNECTIONS

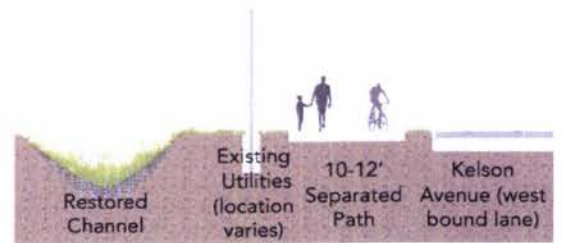
A pedestrian and bike-friendly 2-mile path can follow the upstream mitigation network, connecting Kelson Avenue sidewalks to the west and the Chipola Greenway to the east.



Cascade trail options.



Section B-1: Cascade trail along Kelson Avenue where box culvert may be necessary to address erosion and safety issues and allow space for multi-use path.

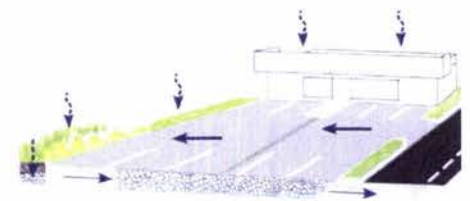


Section B-2: Cascade trail along Kelson Avenue with open channel and utilities. Upstream mitigation may allow existing channel to remain open.

C - UPSTREAM MITIGATION

Enhancing undeveloped parcels for stormwater management can protect the community and the Chipola River.

Creating bioretention features such as rain gardens on undeveloped properties can temporarily store water during rain events and improve the aesthetics, safety and recreational amenities in these areas while improving water quality entering the Chipola River. See the Appendix for more details.



Stormwater vaults hold water temporarily and slowly release as flood levels subside. A vault can be installed underground without restricting development.

CITYWIDE CONNECTIONS

Provide connections to businesses and community amenities.



CITYWIDE CONNECTIONS

Safe bike and pedestrian networks can increase quality of life, property value and economic development for cities of all sizes.

There are many cost-effective ways to integrate pedestrian and bike connections as part of road improvement and construction projects.

A concept plan that identifies where designated paths, lanes, sidewalks, street crossings and safety features are needed can inform future projects to accommodate pedestrian and bike infrastructure.

Priority streets that lack designated bike lanes and/or sidewalks include:

- Kelson Avenue
- Penn Avenue
- South Street
- South Jefferson Street
- Highway 90 (Chipola Bridge)

Safe connections can utilize existing infrastructure such as sidewalks, or new paths might be developed such as marked bike lanes, expanded shoulders, new sidewalks or separated paths.

In 2020, the City received funding from the Florida Rural Infrastructure Fund to develop a citywide connectivity plan to identify and prioritize key areas for improvements. The plan will build on opportunities identified to date through R2P2.

SAFE PEDESTRIAN AND BICYCLE CONNECTIONS

The map on the next page shows a proposed network for improved bike/pedestrian connections in Marianna. Following are several options for integrating bike/pedestrian safety based on road type and safety considerations.

- Corridors and Highways** (example: Penn Avenue)
Visually or physically separated paths that buffer traffic:
 - Separated bike lanes and sidewalk
 - Separated multi-use path
- Local Roads** (example: Kelson Avenue)
Well-marked shared conditions if necessary, or separated paths:
 - Separated bike lane and sidewalk
 - Shared bike lane and sidewalk
- Neighborhood Streets** (example: McPherson Street)
Yield street conditions allow all users to share the roadway safely.



Separated bike lanes

On-street or on-shoulder marked bike lanes designate space for bicyclists. (5 feet to 6 feet wide)



Separated multi-use paths

A wide paved path for a bicyclists, pedestrians, runners, scooters and others traveling for recreation or transportation. (8 feet to 12 feet wide)



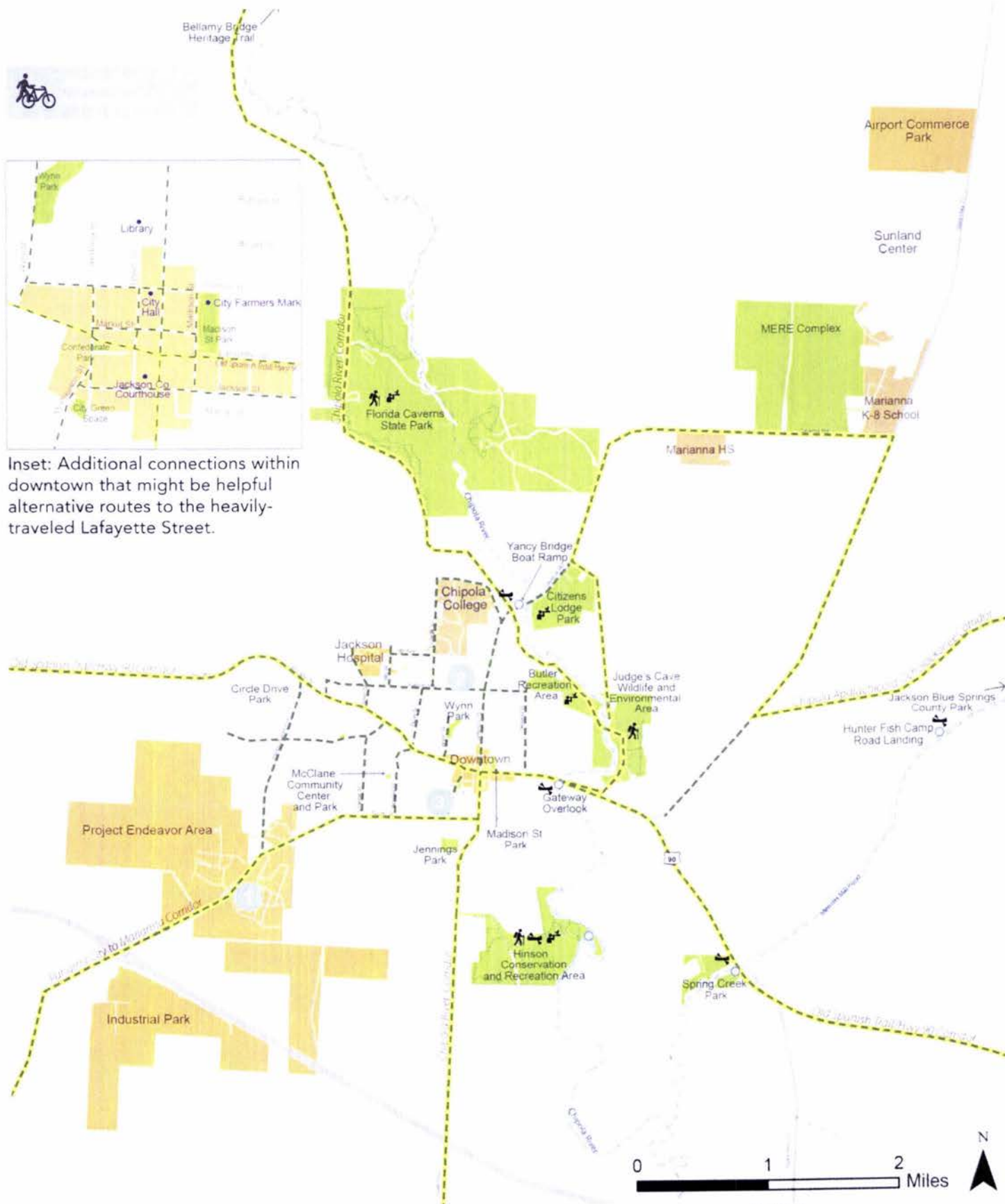
Shared bike lanes

Bicycles and vehicles share the roadway marked with signs.



Yield streets

Pedestrians, bicyclists and motorists share narrow neighborhood streets. Pavement markings and signs can improve awareness and safety.



Inset: Additional connections within downtown that might be helpful alternative routes to the heavily-traveled Lafayette Street.

City of Manatee

Redevelopment and Growth Areas

Schools

Parks and Recreation Areas

Wetlands

--- Proposed Designated Multimodal Paths
(infrastructure and/or markings to designate safe pedestrian and bicycle paths)

--- Planned Regional Multimodal Connections
(FL Greenways and Trails, Old Spanish Trail/Highway 90 Corridor)

○ Boat launch areas

○ Recreation trails (existing)

○ Designated Florida Paddle Trails

🚶 Hiking

🚤 Boat access

🦅 Birdwatching

0 1 2 Miles



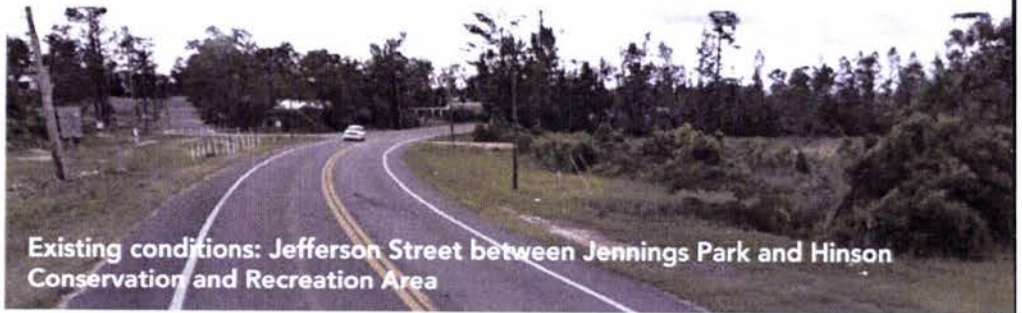
SAFE CONNECTIONS

Improve pedestrian and bicycle safety at key connections.



1 SAFETY IMPROVEMENT AREA SOUTH JEFFERSON

A worn path along the road indicates frequent pedestrian activity. This important section of Jefferson connects Downtown, Jennings Park and Hinson Conservation and Recreation Area.

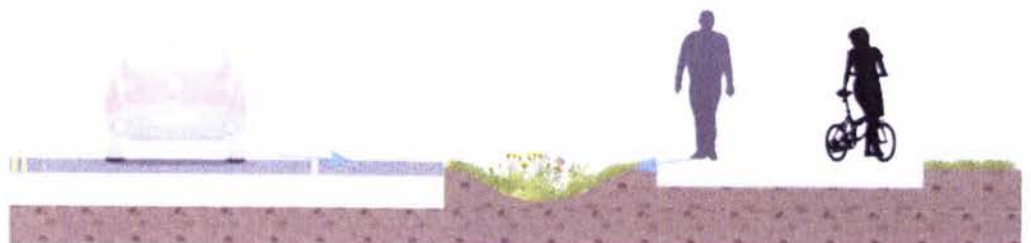


Existing conditions: Jefferson Street between Jennings Park and Hinson Conservation and Recreation Area

The following two options can improve safety for pedestrians and bicyclists and provide a planted swale for stormwater:



Extend the existing shoulder 1 to 2 feet to create a designated bike lane and install a separated 6-foot wide sidewalk.



Install a 10- to 12-foot wide separated multi-use path to accommodate bicyclists and pedestrians.

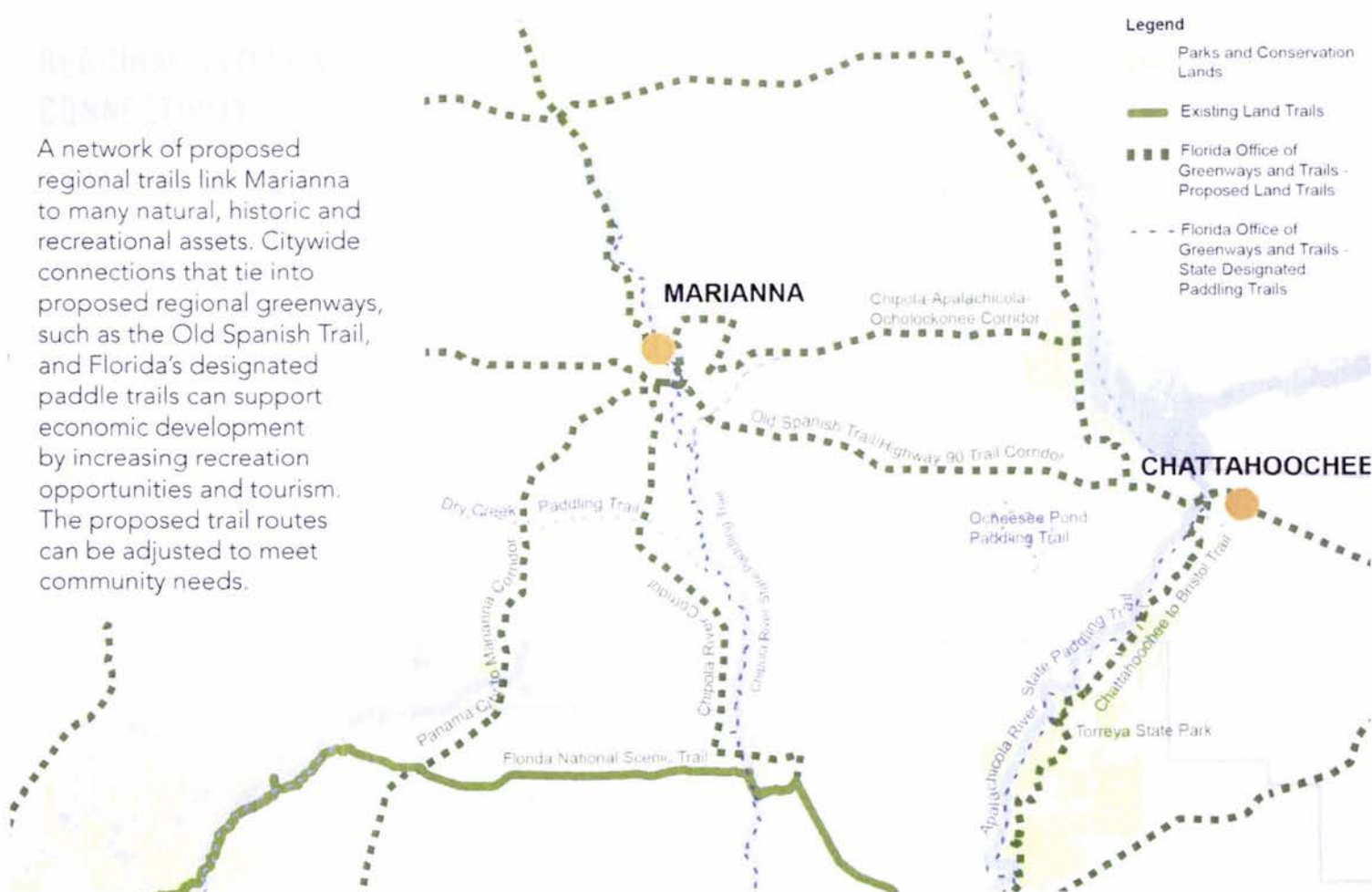
2 SAFETY IMPROVEMENTS AREA NWY IN THE

The existing bridge is unsafe for pedestrians and bicyclists. The narrow sidewalk is not separated from fast-moving cars and trucks, and there are no designed bike lanes.

Planning separated bike and pedestrian lanes for future bridge improvements can address safety concerns and improve key recreation connections for regional visitors. Examples on the right show two approaches to consider when planning pedestrian and bicycle safety improvements for the bridge.



A network of proposed regional trails link Marianna to many natural, historic and recreational assets. Citywide connections that tie into proposed regional greenways, such as the Old Spanish Trail, and Florida's designated paddle trails can support economic development by increasing recreation opportunities and tourism. The proposed trail routes can be adjusted to meet community needs.



MOVING FORWARD

Strategies for project implementation.



KEY NEXT STEPS

The Recovery and Resiliency Partnership Project technical assistance provides a robust vision to implement sustainable design strategies that support the City's recovery and improve resilience.

Implementation of the proposed design strategies will require a combination of actions to help move the projects forward. Key actions include:

- Continue to evaluate and prioritize which projects to initiate first.
- Identify project lead(s) and partners needed to implement and maintain the project.
- Continue to engage the public on timing, design development and design decisions.
- Conduct engineering studies and site plan designs to advance projects.
- Assemble funding, which may come from a variety of sources.
- Remain flexible and creative to respond to new opportunities as they arise.

ACKNOWLEDGMENTS

City staff and leadership provided guidance and direction throughout the project and the community offered valuable feedback to inform the design concepts. Staff from a range of regional, state and federal agencies and organizations offered their technical assistance and expertise in helping the City connect their vision to implementation opportunities.

ADDITIONAL INFORMATION

An appendix of additional information and resources to support the implementation of these design concepts is available at www.r2p2.skeo.com/marianna.

For more information about R2P2, please contact Rick Durbrow, U.S. EPA Region 4 at Durbrow.Rick@epa.gov or call 404-562-8286.



R2P2 Partners



Appendix K

CHIPOLA RIVER GREENWAY INFRASTRUCTURE INVENTORY

Hinson Conservation and Recreation Area

- Limerock entrance road
- signage
- Perimeter fencing
- Decorative split rail fencing
- Non-motorized boat launch
- Cabin

Gateway Overlook

- Paved parking
- signage
- Pavilion
- Overlook
- Boat landing

Butler Recreation Area

- Primitive parking
- Signage
- Picnic tables

CITY OF MARIANNA
RECREATIONAL FACILITY INVENTORY

Confederate Park

- Gazebo
- Benches

Circle Drive Park

- Playground Equipment
- Picnic facilities
- Pavilions
- Basketball court
- Grills

Wynn Street Park

- Pavilions
- Picnic Facilities
- Basketball court
- Playground equipment
- Restrooms
- Grills

Madison Street Park

- Pavilion with stage
- Smaller pavilion
- Picnic facilities
- Paved walking trail
- 2 splash pads
- Restrooms
- Paved parking

Jennings Park

- Playground equipment

- Restrooms
- Concession building
- 2 baseball fields

MERE COMPLEX

- Restrooms
- Two Press Boxes
- Paved Walking Trail
- Soccer, Football, Softball, Baseball and T-ball Fields
- Batting practice
- Concessions building

Pocket Park – Market

- Picnic facilities

Lafayette Landing

- Picnic facilities
- Stage

Yancey Boat Landing

- Paved parking area
- Boat landing
- Picnic facilities
- pavilion