

8**AGENDA ITEM
ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS***Deadline for Submission - Wednesday 9 a.m. – Thirteen Days Prior to BCC Meeting***10/17/2023****BCC MEETING DATE****TO:** Joy Andrews, Interim County Administrator**DATE:** August 21, 2023**FROM:** Ryan Mauch, Environmental Supervisor**PHONE:** 904 209-0621**SUBJECT OR TITLE:** Draft LAMP Conceptual Management Plan for Riverdale (Atlantic Road) property acquisition**AGENDA TYPE:** Consent Agenda**BACKGROUND INFORMATION:**

St. Johns County Land Acquisition and Management Program Ordinance 2021-38, Section 7.C.iii.k states that a conceptual management plan is to be prepared prior to the acquisition of each parcel by the County. The LAMP Conservation Board shall review and monitor all management plans for these properties (Section 7.C.x) and all management plans shall be reviewed and approved by the Board of County Commissioners (Section 7.C.xi).

1. IS FUNDING REQUIRED? No**2. IF YES, INDICATE IF BUDGETED.** No**IF FUNDING IS REQUIRED, MANDATORY OMB REVIEW IS REQUIRED:****INDICATE FUNDING SOURCE:****SUGGESTED MOTION/RECOMMENDATION/ACTION:**

Approval of the draft conceptual management plan for the Riverdale property located on Atlantic Road

For Administration Use Only:**Legal:** Kealey West 9/14/2023**OMB:** N/A**Admin:** Colin Groff 9/14/2023

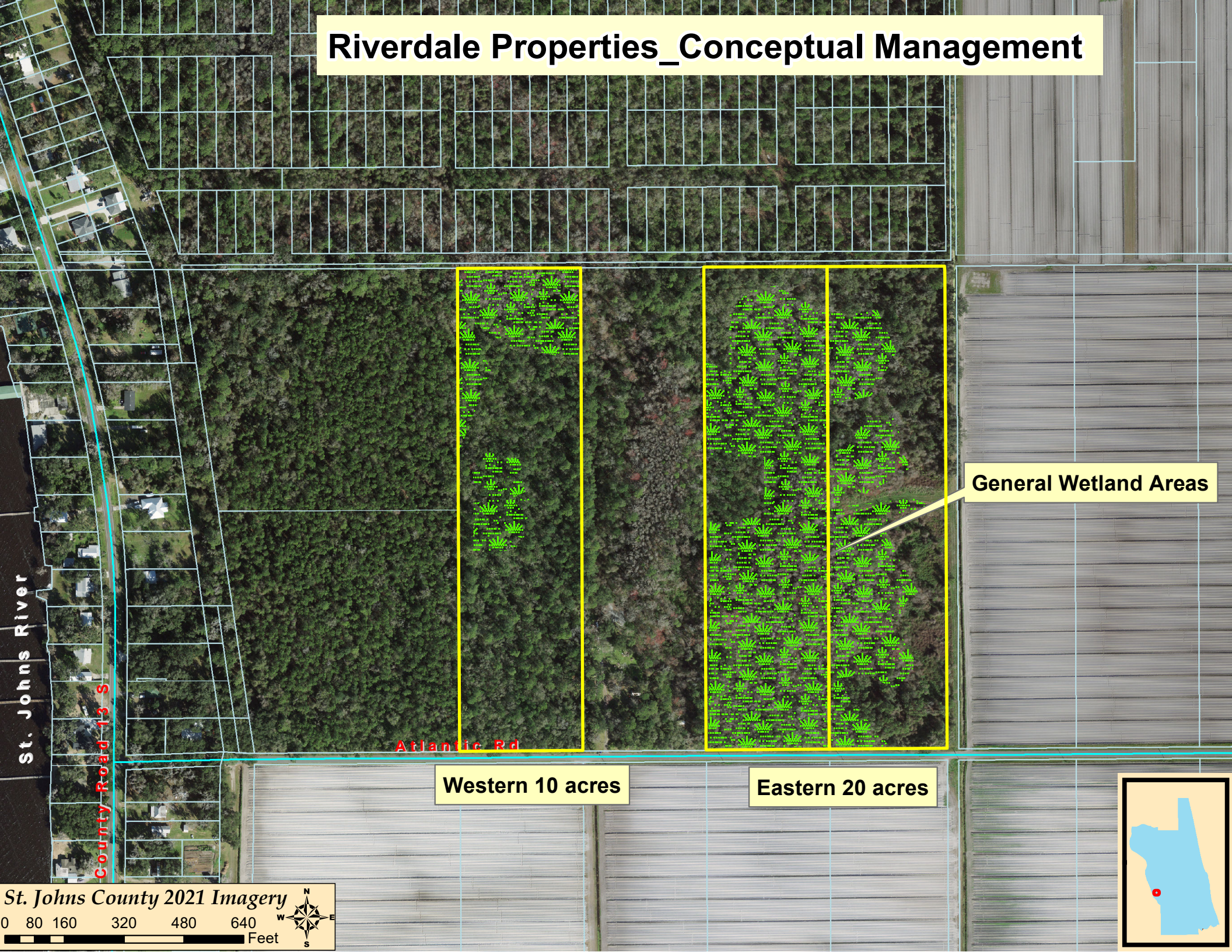
Land Acquisition and Management Program (LAMP) Conservation Board
Conceptual Management Plan

Property Name:	Riverdale Atlantic Road Property
Parcel Number:	020480-0000
Address:	Atlantic Rd., Riverdale
Description:	The 28.9 combined-acreage property are located along Atlantic Rd. in the Riverdale area, 0.25 mile east of the St. Johns River. The property lies just east of CR 13 South and is bordered by ag fields to the east and to the south, vacant forested lands to the north and vacant residential lots to the west. The subject properties are divided by an adjacent lot, leaving 9.8 acres on the west and 19.1 acres on the east.
Purpose of Acquisition:	The property will add to the County's land preservation portfolio and provide preservation of green space, open space, wetlands, trees and vegetation in the Riverdale area.
Natural/Cultural Resources:	Pine flatwoods are located within the western 10 acres with wetland forested mixed scattered throughout, mostly on the eastern 20 acres. Property has mostly a medium probability for Cultural Resources. Various historic structures are located along CR 13 South in the vicinity of the parcels and a Cultural Resource Assessment Survey will be required when development activities are proposed.
Species:	Bald Eagle Nest SJ-14 in Riverdale is located 1,000-ft NW of the western property. Future site development shall follow the land development code and will require a listed species survey.
Invasive Species:	Periodic surveys for invasive species and required treatment will be conducted as necessary.

Management Objectives and Methods:	Hydric pine flatwoods and mixed hardwood wetlands exist across all three parcels. Periodic inspections and management of any identified invasive species to be performed. Potential for prescribed burning the flatwoods community every 5-8 years, however this is dependent on site conditions.
Management Stakeholder Coordination:	Parks and Recreation shall coordinate any future access and passive park features. Public Access via Atlantic Road.
Maintenance:	Identification of the extent of invasive exotic plants on the property and periodic treatment and removal. Proposed new features to be developed for the property under a Capital Improvement Project will be maintained by the County.
Security:	Periodic inspections for trespass or unauthorized activities and structures may be warranted. No security fencing or gating is currently necessary due to thick existing vegetation and lack of an accessway to the three properties. Fencing and a gate would be installed for a future potential passive park use.
Infrastructure needed and proposed improvements:	If a passive recreational use is proposed, parking, pavilions and trail features may be proposed. The western 10 acres may allow for the most uses as the eastern 20 acres has a larger extent of wetlands. Additional improvements may include needed fencing and a gate for proposed uses.
Recreational features and trails:	The main use for the property will be preservation. Passive recreational trails may be proposed across the properties.
Parking:	A small parking area may be proposed in conjunction with passive recreational uses. The easternmost properties have a larger extent of wetland areas which may limit development.

Landscaping:	No landscaping is necessary for forested lands kept in preservation. Landscaping and tree plantings would be required consistent with St. Johns County land development code for future development associated with a passive recreational use. A tree survey for protected trees will be required with tree replacement consistent with the LDC.
Educational Signage:	St. Johns County survey markers will be installed along the property perimeter. Signage may be proposed identifying the property as a County preserve. St. Johns County park signage may be proposed with any form of passive recreational use.
Greenway Description:	The properties are located within 0.25 mile of the St. Johns River and 0.5 mile south of the St. Johns County Riverdale Park/Boat Ramp. The property is 1 mile north of the McCullough Creek Conservation Area and just north and west of the Florida Forever St. Johns River Blueway corridor. Agricultural fields surround the properties to the south and east with undeveloped residential lots to the north.
Property Timeline/Priority Scheduling:	Acquisition in 2023 with future consideration as a preservation area. Additionally, passive recreational uses focused within upland areas of the parcels may be developed over time.
Estimated costs and Funding Source(s):	Estimated costs associated with passive recreational features are currently unknown. Costs for preservation of the property would include treatment for invasive, survey and ecological assessments if warranted. Funding by future County Capital Improvement Project designation. LAMP budget for required maintenance activities.
Monitoring and Reporting:	Monitoring for invasive exotic plant and animal extent for identification and treatment and maintenance associated with any future passive recreational features or similar uses.

Riverdale Properties_Conceptual Management



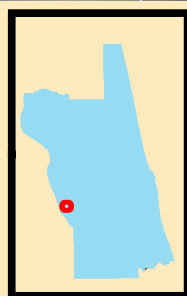
General Wetland Areas

Western 10 acres

Eastern 20 acres

St. Johns County 2021 Imagery

0 80 160 320 480 640 Feet



Riverdale Properties_Corridor

County Road 214

Bolling Ln
County Road 134 S

Orange Ave

Woodward Rd

Riverdale Rd

Atlantic Rd

County Road 13 S

St. Johns County
Riverdale Park/Boat Ramp

Riverdale Properties
30 acres

Legend

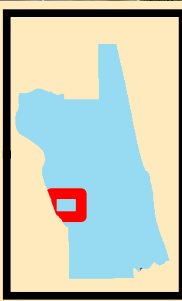
St. Johns River Blueway

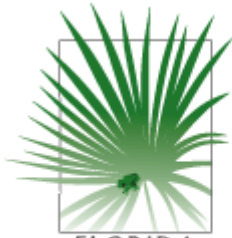
St. Johns River

McCullough Creek Conservation Area
St. Johns County

St. Johns County 2021 Imagery

0 700 1,400 2,800 4,200 5,600 Feet





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FLORIDA
Natural Areas
INVENTORY

Florida Natural Areas Inventory

Biodiversity Matrix Query Results

UNOFFICIAL REPORT

Created 7/6/2023

(Contact the FNAI Data Services Coordinator at 850.224.8207 or
kbrinegar@fnai.fsu.edu for information on an official Standard Data Report)

NOTE: The Biodiversity Matrix includes only rare species and natural communities tracked by FNAI.

Report for 2 Matrix Units: 42644 , 43016

Descriptions

DOCUMENTED - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit.

DOCUMENTED-HISTORIC - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit; however the occurrence has not been observed/reported within the last twenty years.

LIKELY - The species or community is *known* to occur in this vicinity, and is considered likely within this Matrix Unit because:

1. documented occurrence overlaps this and adjacent Matrix Units, but the documentation isn't precise enough to indicate which of those Units the species or community is actually located in; *or*
2. there is a documented occurrence in the vicinity and there is suitable habitat for that species or community within this Matrix Unit.

POTENTIAL - This Matrix Unit lies within the known or predicted range of the species or community based on expert knowledge and environmental variables such as climate, soils, topography, and landcover.

Matrix Unit ID: 42644

1 Documented Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Haliaeetus leucocephalus</i> Bald Eagle	G5	S3	N	N

0 Documented-Historic Elements Found

2 Likely Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Mesic flatwoods</i>	G4	S4	N	N
<i>Mycteria americana</i> Wood Stork	G4	S2	T	FT

Matrix Unit ID: 430160 **Documented** Elements Found0 **Documented-Historic** Elements Found3 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Mesic flatwoods</i>	G4	S4	N	N
<i>Mycteria americana</i> Wood Stork	G4	S2	T	FT
<i>Ursus americanus floridanus</i> Florida Black Bear	G5T4	S4	N	N

Matrix Unit IDs: 42644 , 4301632 **Potential** Elements Common to Any of the 2 Matrix Units

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Acipenser brevirostrum</i> Shortnose Sturgeon	G3	S1	E	FE
<i>Acipenser oxyrinchus oxyrinchus</i> Atlantic Sturgeon	G3T3	S1	E	FE
<i>Arnoglossum 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> Morzenti's spleenwort	G2	S1	N	N
<i>Balduina atropurpurea</i> purple honeycomb-head	G2	S1	N	E
<i>Baptisia calycosa</i> var. <i>calycosa</i> Canby's wild indigo	G3T1	S1	N	E
<i>Calydorea coelestina</i> Bartram's ixia	G2G3	S2S3	N	E
<i>Carex chapmannii</i> Chapman's sedge	G3	S3	N	T
<i>Centrosema arenicola</i> sand butterfly pea	G2Q	S2	N	E
<i>Ctenium floridanum</i> Florida toothache grass	G2	S2	N	E
<i>Drymarchon couperi</i> Eastern Indigo Snake	G3	S2?	T	FT
<i>Gopherus polyphemus</i> Gopher Tortoise	G3	S3	C	ST
<i>Gymnopogon chapmanianus</i> Chapman's skeletongrass	G3	S3	N	N
<i>Lechea cernua</i> nodding pinweed	G3	S3	N	T
<i>Lithobates capito</i> Gopher Frog	G2G3	S3	N	N
<i>Litsea aestivalis</i> pondspice	G3?	S2	N	E
<i>Lythrum curtissii</i> Curtiss' loosestrife	G1	S2	N	E
<i>Matelea floridana</i> Florida spiny-pod	G2	S2	N	E
<i>Monotropsis reynoldsiae</i> pygmy pipes	G2	S2	N	E
<i>Nemastylis floridana</i> celestial lily	G2	S2	N	E

<i>Neofiber alleni</i> Round-tailed Muskrat	G2	S2	N	N
<i>Neovison vison lutensis</i> Atlantic Salt Marsh Mink	G5T3	S3	N	N
<i>Nolina atopocarpa</i> Florida beargrass	G3	S3	N	T
<i>Orbexilum virgatum</i> pineland scurfpea	G1	S1	N	E
<i>Pteroglossaspis ecristata</i> giant orchid	G2G3	S2	N	T
<i>Pycnanthemum floridanum</i> Florida mountain-mint	G3	S3	N	T
<i>Rhynchospora thornei</i> Thorne's beaksedge	G3	S1S2	N	N
<i>Rudbeckia nitida</i> St. John's blackeyed susan	G3	S2	N	E
<i>Salix floridana</i> Florida willow	G2G3	S2S3	N	E
<i>Trichechus manatus latirostris</i> Florida Manatee	G2G3T2	S2S3	T	N
<i>Verbesina heterophylla</i> variable-leaf crownbeard	G2	S2	N	E

Disclaimer

The data maintained by the Florida Natural Areas Inventory represent the single most comprehensive source of information available on the locations of rare species and other significant ecological resources statewide. 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. FNAI shall not be held liable for the accuracy and completeness of these data, or opinions or conclusions drawn from these data. FNAI is not inviting reliance on these data. 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.

Unofficial Report

These results are considered unofficial. FNAI offers a [Standard Data Request](#) option for those needing certifiable data.

County Road 13 South

Riverdale Rd

SJ 14

Bald Eagle nest tree and
Protection Zones

County Road 13 S

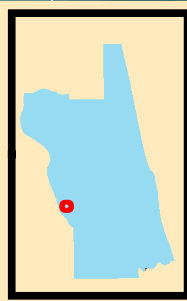
Atlantic Rd



St. Johns County, Florida
2021 Imagery

0 260 520 1,040 Feet

Riverdale Properties_FLUCCS



Riverdale Properties_Cultural Resource Model

Legend

ArchaeologicalModel_All

PRBLTY

- High Probability
- Medium Probability
- Low Probability
- StJohns_Structures

