

RESOLUTION NO. 2021-84

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO SUBMIT AN APPLICATION SEEKING GRANT FUNDING THROUGH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, RECREATIONAL TRAILS GRANT PROGRAM TO CONSTRUCT THE SHORE DRIVE TRAIL.

WHEREAS, The Florida Department of Environmental Protection has Grant funds available to build trails; and

WHEREAS, the Administration Department has reviewed the Grant requirements; and

WHEREAS, after a review of the Grant requirements, the County has determined that none of the requirements, restrictions, and/or obligations associated with award of the Grant, or the Grant itself, negatively impact the interests of the County; and

WHEREAS, after a review of the Grant conditions and requirements, the County has determined that applying for the Grant serves the overall interests of the County.

NOW, THEREFORE BE IT RESOLVED, BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA THAT:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution, and such Recitals are adopted as Findings of Fact.

Section 2. The Board of County Commissioners hereby approves and authorizes the County Administrator, or designee, to submit a completed application, on behalf of the St. Johns County Parks and Recreation Department for a Florida Department of Environmental Protection, Recreational Trails Grant Program for construction of the Shore Drive Trail.

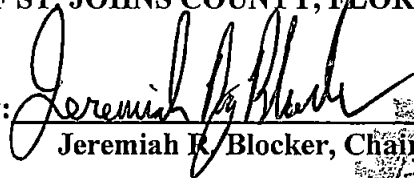
Section 3. The Board of County Commissioners hereby authorizes the County Administrator, or designee, to execute any other paperwork necessary, and/or associated with the application for a Florida Department of Environmental Protection, Recreational Trails Grant Program

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County,

Florida, this 16 day of February, 2021.

**BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA**

By: 
Jeremiah R. Blocker, Chair



ATTEST: Brandon J. Patty, Clerk of the Circuit Court and Comptroller

By: 
Deputy Clerk

RENDITION DATE 2/18/21

DRAFT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION **RECREATIONAL TRAILS PROGRAM GRANT PROGRAM** GRANT APPLICATION PACKAGE

INTRODUCTION

The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 included the National Recreational Trails Fund Act (NRFTA) which established the National Recreational Trails Funding Program. The National Highway System Designation Act of 1995 (NHS Act) amended and revived the NRTFA. The Transportation Equity Act for the 21st Century amended and provided assured funding for the program and changed the program name to Recreational Trails Program (RTP). The purpose of RTP is to provide funds for projects that provide or maintain recreational trails. A recreational trail means:

A thoroughfare or track across land or water, used for recreational purposes such as bicycling, day hiking, equestrian activities, jogging or similar fitness activities, trail biking, overnight and long-distance backpacking, roller skating, in-line skating, running, aquatic or water activity and vehicular travel by motorcycle, four-wheel drive, all terrain off-road vehicles, or dune buggies.

The RTP is administered by the Florida Department of Environmental Protection (DEP) in coordination with the U.S. Department of Transportation, Federal Highway Administration (FHWA). Grant application proposals are evaluated according to policies and procedures described in Chapter 62S-2, Florida Administrative Code (F.A.C.). This is commonly known as the Recreational Trails Rule. Applicants should familiarize themselves with these policies and procedures. This packet will assist all applicants in preparing and presenting the information needed for DEP to evaluate proposed RTP applications.

GENERAL APPLICATION INFORMATION

Please submit the application in a SOFT COVER three prong binder (please, no HARD 3-ring binders). To facilitate the review and scoring process, label or tab all support documents or attachments. We appreciate your cooperation.

A request for financial assistance under RTP may be for development or maintenance of recreational trails; purchase of trail construction or maintenance equipment; and if funds are available, for trail education projects. Project proposals may address the following recreational trail interests:

- motorized recreation;
- nonmotorized recreation;
- mixed-use projects (either motorized or nonmotorized); or projects that provide for innovative corridor sharing with motorized and nonmotorized recreation;
- construction and maintenance equipment.

Development projects should consist of the complete or partial development of the project site. Grantees shall have up to two (2) years from the effective date of the project agreement to complete the development project. A development project, when completed, must be a usable recreational trail or a trail facility along a usable recreational trail.

Grantees requesting funds to purchase equipment should be prepared to provide proof of insurance, be capable of properly storing and maintaining the equipment, and be familiar with Federal Highway Administration's Recreational Trails Program Interim Guidance, and DEP's Directive 320 as they relate to equipment and surplus property. All equipment purchased with RTP grant funds will be receive a DEP property number.

Grantees may use RTP funds to develop trails, trailhead and trailside facilities and related support facilities including parking, rest rooms, access to drinking water, etc. Development projects may also renovate existing trails and facilities in order to provide access for persons with disabilities.

MAXIMUM GRANTS FUNDS AN APPLICANT MAY REQUEST FY 2021-2022:

Nonmotorized Projects = \$400,000,

Mixed Use Projects = \$500,000

Motorized Projects = \$1,000,000

THE 2021-2022 SUBMISSION CYCLE IS February 1, 2021 through March 1, 2021

RTP program requires that the grantee provide matching funds. Please refer to Chapter 62S-2.071(3), F.A.C. for complete information on match requirements and match types.

EVALUATION PROCESS

Following DEP staff review of the applications, DEP will notify applicants of any deficiencies. Missing or incomplete documentation will usually constitute a deficiency. Applicants must submit requested deficiency information within fifteen (15) working days from date of deficiency notification. After the deficiency period, the Recreational Trails Advisory Committee ranks all eligible applications in accordance with the evaluation criteria set forth in the Recreational Trails Rule.

APPLICATION SUBMISSION INFORMATION

Applicants must submit proposals for RTP grants on application form OGT-10. Applications are evaluated on the basis of the information provided by the applicants, except where such data is superseded by official DEP information. Failure by an applicant to present all required application information and documentation may result in the application being declared ineligible for funding consideration. Failure by an applicant to provide accurate information and documentation relating to the evaluation criteria for the proposed project set forth in the RTP Rule may result in a loss of points for the applicant's competitive score.

Applicants must submit four copies (1 original and 3 copies) of the completed application and all supporting documents during the announced submission period of February 1, 2021 through March 1, 2021. Applications must be postmarked **NO LATER THAN** March 1, 2021, and submitted to:

**TARA V. REYNOLDS, RECREATIONAL TRAILS PROGRAM
DEPARTMENT OF ENVIRONMENTAL PROTECTION
3900 COMMONWEALTH BOULEVARD, MAIL STATION 585
TALLAHASSEE, FLORIDA 32399-3000**

If questions arise while preparing the application, please contact Tara Reynolds at Tara.V.Reynolds@FloridaDEP.gov or 850-245-2501

Please Note: If you plan to prepare this document by retyping or downloading it to your computer, the language and format used must exactly match this application.

**This application may be downloaded from the Internet at the
Recreational Trails Program webpage:
[https://floridadep.gov/lands/land-and-recreation-
grants/content/rtp-assistance](https://floridadep.gov/lands/land-and-recreation-grants/content/rtp-assistance)**



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
RECREATIONAL TRAILS PROGRAM**

DEP USE ONLY

RECEIVED: _____
POSTMARKED: _____
APPLICATION #: _____

PART I – APPLICANT INFORMATION

1. Name of Applicant or Organization: St. Johns County BCC

2. Federal Identification Number: 59-6000825

3. Contact Person: Nathan Otter Title: NATURE/COAST SYSTEMS SUPT
(The contact person is someone who will be in direct contact with DEP)

Street Address/P.O. Box: 2175 Mizell Road

City/State: St. Augustine, FL Zipcode: 32080

Telephone: (904) 209-0328 Fax: (904) 209-0321

E-Mail: notter@sjcfl.us

4. Type of Applicant (Select One):

- City or County Government
- State Agency, Department: _____, District: _____
- Federal Agency, Department: _____, District: _____
- Recognized Indian Tribal Government (*projects must be on lands in Florida*)
- Organization * (*must be State recognized nonprofit*)

***Organization as applicant must provide letter of support from land managing agency. Tab as "Exhibit A."**

I hereby certify that the information provided in this application is true and accurate. I further certify that I possess the authority to apply for this grant on behalf of the applicant.

Signature of Authorized Representative

Date

PART II – PROJECT INFORMATION

1. Name of Project: Shore Drive Trail

2. Project Location: St. Augustine South

(Show on DOT county road maps or USGS 7 ½ minute quadrangle sheets):

Tab as "Exhibit B"

Street Address: 1039 Shore Drive

City: St. Augustine County: St. Johns

Beginning point: Doug Crane Boat Ramp - 1039 Shore Drive

Ending point: Moultrie Bluffs Park - 4805 Shore Drive

3. **Ownership** (If more than one owner, attach a list of owners and their agents along with a map clearly showing the location of each ownership).

Site control issues must be resolved by the close of the submission period (March 1, 2021).

Include a boundary map of the project site. **Tab as "Exhibit C"**

Include a copy of site control documents (e.g. deed, lease agreement, etc.)

Tab as "Exhibit D"

4. Owner: St. Johns County BCC Owner's Agent: _____

Address: 500 San Sebastian View Address: _____

Phone: (904) 209-1287

Phone: (____) _____

4. **U.S. CONGRESSIONAL DISTRICTS IN WHICH THE PROJECT SITE IS LOCATED:**

These should be the district in which the project site is located. If you are not sure of the district, contact your local office of the Supervisor of Elections.

U.S. Representative's Name: John Rutherford

U.S. House District Number: 4

5. STATE LEGISLATIVE DISTRICTS IN WHICH THE PROJECT IS LOCATED:

These should be the district in which the project site is located. If you are not sure of the district, contact your local office of the Supervisor of Elections.

State Senator's Name: Travis Hutson

State Senate District Number: 7

State Representative's Name: Cyndi Stevenson

State House District Number: 17

6. PROJECT DESCRIPTION

Briefly describe the proposed project. Include physical characteristics of the site, such as land resources, vegetation, fish and wildlife, historical, archaeological resources, previous land usage and transportation access as well as a description of proposed project activities. If the project is an equipment purchase, describe the equipment, how it will be used to benefit recreational trails (include where it will be stored, who will maintain it, proposed projects for its use and the land managing agency on whose property equipment will be used).

St Johns County Parks and Recreation is proposing the building of a trail along county parkland in the subdivision of St Augustine South. The goal of the project is create just over 3 miles of non-motorized asphalt paved trail along Shore Dr. and the Intracoastal Waterway. The 3.2 miles extends from one County Boat ramp and would connect to another county boat ramp. Currently walkers, joggers and bikers alike share the road with vehicles, presenting a current safety issue that can be addressed with the proposed trail on county park land.

The proposed trail will be 8 ft. wide and paved with asphalt to comply with all ADA safety regulations. Six locations along the 3.2 miles stretch have been deemed as needing wooden walkways to cross over drainage or water.

PART III – FINANCIAL INFORMATION

- | | | |
|------------------------------------|--------|--------------------------------|
| 1. RTP Funds Requested: | Line A | \$ <u>400,000</u> |
| 2. Local Funds Available: | | |
| 1) Cash: | Line B | \$ <u>840,000</u> |
| 2) In-Kind: | Line C | \$ <u> </u> |
| Total Local Funds Available: | Line D | \$ <u>840,000</u> |
| | | <i>Sum of lines B and C</i> |
| 3. Total Cost of Proposed Project: | Line E | \$ <u>1,240,000</u> |
| | | <i>Sum of Lines A and D</i> |

The Total Project Cost (Line E) must equal the grant request (Line A) plus the total local funds available (Line D). This figure (Line A) should not total more than \$400,000 (non-motorized), \$500,000 (mixed use), or \$1,000,000 (motorized) for the purpose of this application.

4. PROJECT COST ESTIMATE: For each element, please indicate if it is a new facility, renovation or maintenance of an existing facility, accessibility improvements, equipment purchase, or trail user education components. *Costs of planning, permitting and site preparation should be included within the cost of each element (not to exceed 15% of total project cost).*

Element Type	Quantity	Description	Estimated Cost
New		1.)Planning - Engineering Design for wooden structures - \$45,000 2.)Permitting- Army Corp and SJC Water Management District - \$5000 3.)Archeological Survey - \$150,000 4.)Site Prep - \$100,000 5.)Construction - \$939,000	\$1,239,000
Renovations		N/A	
Maintenance		N/A	
Accessibility		N/A	
Equipment		N/A	
Trail User Ed.		Signage	\$1,000

PART IV – GENERAL EVALUATION CRITERIA

1. PROJECT TYPE

Provide Conceptual Site Plan. Tab as "Exhibit E"

Provide Photographs of the Project Area. Submit color, on-site photographs sufficient to depict the physical characteristics of the project area. **Tab as "Exhibit F"**

Provide Location Map and Directions. Submit a detailed street, road or highway map precisely locating the project site. Also, provide clear and concise written driving instructions from the nearest federal or state highway. **Tab as "Exhibit G"**

- Construction of new trails on federal, state, county or municipal lands where recreational needs for such construction is shown
- Development and rehabilitation of trailside and trailhead facilities and trail linkages
- Maintenance and restoration of existing trails
- Purchase of trail construction or maintenance equipment

2. CAPITAL IMPROVEMENT PLAN

A. The project implements the applicant's adopted local comprehensive plan (city or county); or the land management or recreation or trail plan of a state or federal agency and; is included in their Capital Improvement Plan (CIP) or similar plan during the current year or one of the next three (3) fiscal years: *(Include copies of any necessary documents/plans which clearly indicate the proposed project. Please highlight project name, amount and year.)* **Tab as "Exhibit H"**

- Yes No

---OR---

B. Is the proposed project included as part of the plan through a resolution or agency commitment committing the applicant to amend their CIP or similar plan to include the project should the applicant receive program funds: *(Include copies of any necessary documents/plans/resolutions which clearly indicate the proposed project. Please highlight project name, amount and year.)* **Tab as "Exhibit H"**

- Yes No

3. STATE COMPREHENSIVE OUTDOOR RECREATION PLAN

Explain how the proposed project would address one or more of the issues or goals identified in the State Comprehensive Outdoor Recreation Plan. *Use the **Outdoor Recreation in Florida – 2019 (SCORP)**. Provide quotations or other appropriate references to justify the correlation. Use a separate sheet if necessary.*

Tab as "Exhibit I"

"When asked which recreational facilities they would like to see provided in their county, residents overwhelming replied "trails."

Most survey responses identified fitness walking/jogging, bicycling as the top priorities for citizens and this proposed trail addresses this priority for the residents of the St Johns County. Developing this trail go hand in hand with Priority Area One of the Outdoor Recreation in Florida – 2019 (SCORP): Health and Well-Being. This trail promotes an active and healthy lifestyle in the outdoors along a beautiful 3 mile stretch of parkland.

4. STATE GREENWAYS AND TRAILS PLAN

Explain how the proposed project would address one or more issues or goals as identified in the State's Greenways and Trails Plan. *Use the **Florida's Greenways and Trails System Plan – 2019-2023**. Provide quotations or other appropriate references to justify the correlation. Use a separate sheet if necessary.*

Tab as "Exhibit J"

5. ACCESSIBILITY

Describe how the project facilitates and improves the access and use of trails by persons with disabilities.

Constructing the Shore Drive Trail will provide access to people with disabilities that would otherwise have limited or no access. The proposed trail is designed and will be constructed to in accordance with all ADA requirements.

6. YOUTH CONSERVATION OR SERVICE CORPS

The project is supported through a written letter of commitment between the applicant and a recognized youth conservation or service corps in which the corps agrees to supply a stated amount of labor.

Yes

No

*If "Yes", submit a copy of the written letter of commitment between the applicant and the service corps. Written letter must be executed by the end of the submission period and quantify the amount of labor in monetary units. **Tab as "Exhibit K"***

7. CONNECTIVITY AND LINKAGES

Describe how the proposed project provides access to or between any of the following:

(A) Public parks or other recreational lands or facilities;

Once completed Shore Drive Trail will link Moultrie Bluffs Park with Curb Side Park and the Doug Crane Boat Ramp.

(B) Features or areas of historic, cultural, biological or archaeological significance; *Provide copy of letter from Florida Department of State (Tab as "Exhibit L") and/or Florida Natural Areas Inventory (Tab as "Exhibit M").*

(C) Existing intermodal transportation corridors or trail systems; and/or

The proposed trail is to be positioned between two pre-existing St John County Parks, one of the parks having a pre-existing trail system. The trail will create connectivity between the two parks and provide citizens access to both parks.

(D) Residential populated areas.

The St Augustine South neighborhood surrounds the proposed trail and those surrounding residential homes will have access to this trail.

8. PUBLIC PARTICIPATION

Please indicate which of the following apply (*select all that apply*):

- A. An advertised public meeting was held solely for the purpose of discussing the proposed project. *Attach a copy of proof of publication for the advertisement. Meeting must be for the **SOLE PURPOSE** of discussing **the project proposed in the application**. The advertisement should indicate that the purpose of the meeting is to discuss a RTP grant for this project site. **Tab as "Exhibit N-1"***

- B. The project was discussed at a regularly scheduled meeting of the applicant's advisory board responsible for park, recreation and leisure service activities. *Provide a copy of the agenda and/or minutes of the advisory board meeting(s) where **this project** was discussed. The board must be an appointed group of citizens, such as a parks and recreation advisory board, who would normally review projects similar to the proposed grant application. Discussion must take place at a regularly scheduled meeting. Planning and zoning or similar boards may be used if a parks and recreation advisory board does not exist. **CITY OR COUNTY COMMISSIONS ARE NOT CONSIDERED ADVISORY BOARDS. Tab as "Exhibit N-2"***

- C. Public input on the proposed project was obtained through presentations to community organizations, neighborhood associations and/or a written opinion survey. *Provide documentation (agenda, minutes or thank-you letter) showing that presentations **regarding this project** were made to community organizations or groups **OR** provide a copy of the survey instrument and a summary of the results and explain how the **results relate to the proposed project. Tab as "Exhibit N-3"***

9. NATIONAL SCENIC TRAIL OR NATIONAL RECREATION TRAIL

A. The project is located on or connects with the Florida National Scenic Trail:

- Yes No

*If yes, provide map and documentation (letter from U.S. Forest Service) indicating connectivity with a **certified portion** of the Florida National Scenic Trail. **Tab as "Exhibit O"***

B. The project is located on or connects with a National Recreation Trail:

- Yes No

*If "Yes", provide a map and documentation (letter from the National Park Service) indicating connectivity with a **designated** National Recreation Trail. **Tab as "Exhibit O"***

10. STATE OF FLORIDA DESIGNATED RECREATIONAL GREENWAY OR TRAIL

The project is located on or connects with a State of Florida designated greenway or trail.

Yes No

*If "Yes", provide a map and documentation (letter from Office of Greenways and Trails) indicating connectivity. **Designation Agreements must be fully executed by end of submission period. Tab as "Exhibit P"***

11. MATCHING RATIO

RTP is a matching grant program. Maximum grant award can account for 80% of total project costs (federal grant amount: grantee's cash and/or in-kind services). Select which matching ratio applies to this project:

- A. 50:50
- B. 60:40
- C. 80:20

*** Federal Agencies: only 95% of total project costs may be federal dollars. Please explain the source of funds for remaining 5%.**

Source of non-Federal dollars when applicant is Federal Agency: N/A

12. MIXED USE PROJECTS

A. The specific trail design demonstrates that the project will support recreational trail opportunities for **both motorized and nonmotorized use** through innovative techniques such as multiple trails sharing a single corridor, or time sharing of trails or trailhead facilities, or other innovative corridor sharing techniques.

Yes No

*If "Yes", please explain innovative techniques to be employed and address potential user conflicts. **Tab as "Exhibit Q"***

B. The specific trail design demonstrates that the project will support mixed-use recreational trail opportunities, either motorized or nonmotorized, through innovative techniques.

Yes

No

If "Yes", please explain innovative techniques to be employed and address potential user conflicts. Tab as "Exhibit Q"

PART V – SPECIFIC CRITERIA

1. MOTORIZED PROJECTS Only:

A. The proposed project will: **(select only one)**

1. Develop new motorized recreational trails.

2. Repair or restore designated motorized trails impacted by normal use.

3. Develop motorized trail facilities on existing motorized recreational trail corridors.

B. The project will support compatible recreational trail use for the greatest number of the following: **(select ALL that apply)**

1. Off-Road Motorcycles

2. All-Terrain Vehicles

3. Off-Highway Vehicles (high clearance vehicles)

4. Other Motorized Recreational Trail Use. List all: _____

2. NONMOTORIZED PROJECTS Only:

A. The proposed project will: **(select only one)**

1. Develop nonmotorized recreational trail facilities on new corridors.

2. Develop nonmotorized recreational trail facilities on existing corridors.

3. Improve or repair existing nonmotorized recreational trail and/or facilities.

B. The nonmotorized project will support compatible recreational trail use for the greatest number of the following: **(select ALL that apply)**

- 1. Bicycling
- 2. Skating
- 3. Day Hiking
- 4. Equestrian Activities
- 5. Fitness Activities
- 6. Overnight or Long Distance Backpacking
- 7. Aquatic Activity
- 8. Other Nonmotorized Recreational Trail Use. List all: Bird Watching

3. MOTORIZED AND NONMOTORIZED MIXED-USE PROJECTS Only:

A. The motorized/nonmotorized mixed-use project will: **(select only one)**

- 1. Develop new mixed-use trails.
- 2. Repair or restore designated mixed-use trails impacted by normal use.
- 3. Develop mixed-use trail facilities on existing motorized recreational trail corridors.

B. The project will support compatible recreational trail use for the greatest number of the following: **(select ALL that apply)**

- 1. Off-Road Motorcycles
- 2. All-Terrain Vehicles
- 3. Off-Highway Vehicles (high clearance vehicles)
- 4. Other Motorized Recreational Trail Use. List: _____
- 5. Bicycling

3(B) Motorized/Nonmotorized Mixed-Use Projects Only, cont.

6. Skating

7. Day Hiking

8. Equestrian Activities

9. Fitness Activities

10. Overnight or Long Distance Backpacking

11. Aquatic Activity

12. Other Nonmotorized Recreational Trail Use. List: _____.

4. EDUCATIONAL PROJECTS Only:

A. The educational trail project will: **(select ALL that apply)**

- 1. improve trail user safety.
- 2. reduce trail user impacts upon the resources.
- 3. increase public awareness of trail opportunities.

B. Describe the education project in detail. *Include in your discussion goals, objectives, methods and materials to be used, time-line. Use separate sheet if necessary. Tab as "Exhibit R"*

Under Development

C. List all trail interest groups sponsoring this proposed education project. *Provide letter of commitment from each sponsoring group. Tab as "Exhibit S"*

D. Describe the types of trail users targeted by this proposed education project (e.g., hiking, bicycling, motorcycles, motorized, nonmotorized, etc.).

All nonmotorized users are the targeted individuals, including but not limited to walkers, joggers, hikers and bicyclists

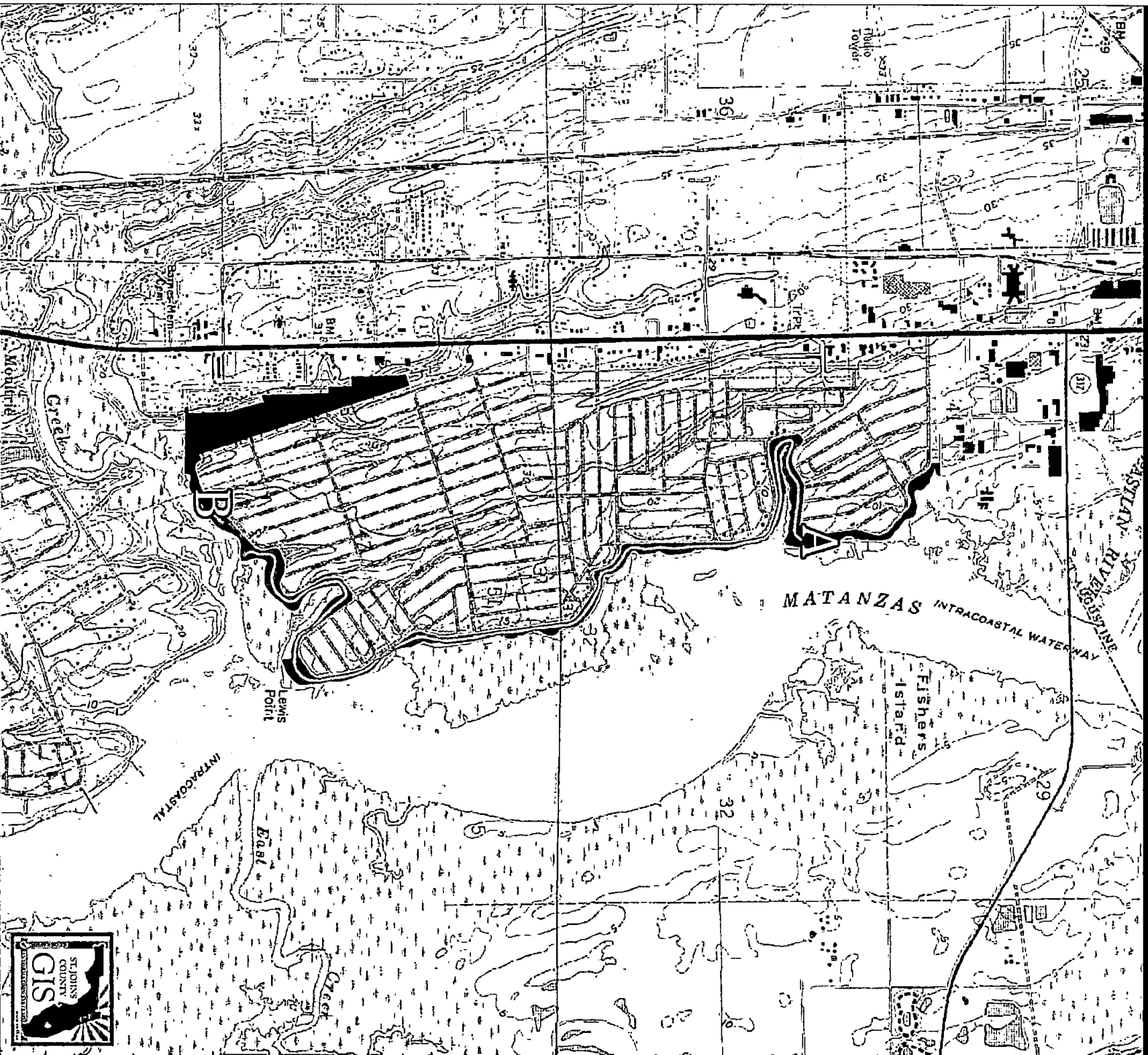
E. Describe the evaluation method which applicant will use to determine the education project's effectiveness. *Use separate sheet if necessary. Tab as "Exhibit T"*



Location Map

USGS 7.5 Minute Quadrangle

Shore Dr. Waterfront Park Trail



- Existing Trail (0.17 Miles)
 - Proposed Trail (3.2 Miles)
 - Park Boundary

A = Doug Crane Boat Ramp
 B = Moultrie Creek Boat Ramp

DISCLAIMER:
 This map is for reference use only. Data provided are derived from multiple sources with varying levels of accuracy. The St. Johns County GIS Division disclaims all responsibility for the accuracy or completeness of the data shown herein.

Date Prepared: 1/14/2021
 118752

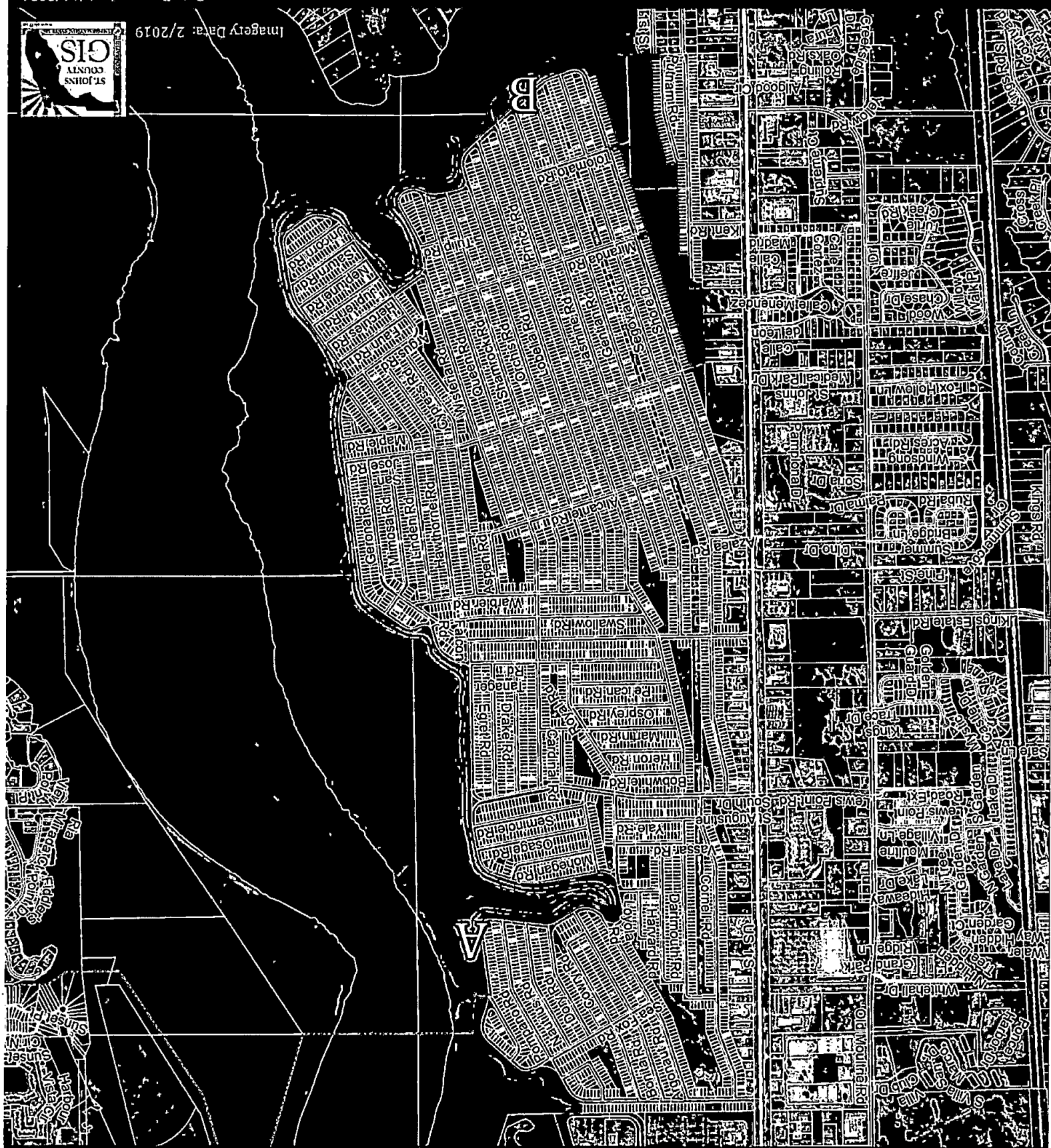


Exhibit C – Boundary Map



Boundary Map

Shore Dr. Waterfront Park Trail



DISCLAIMERS:
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Imagery Data: 2/2019

Date Prepared: 1/14/2021

Exhibit D – Site Control

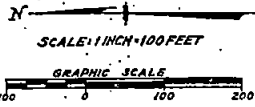
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA

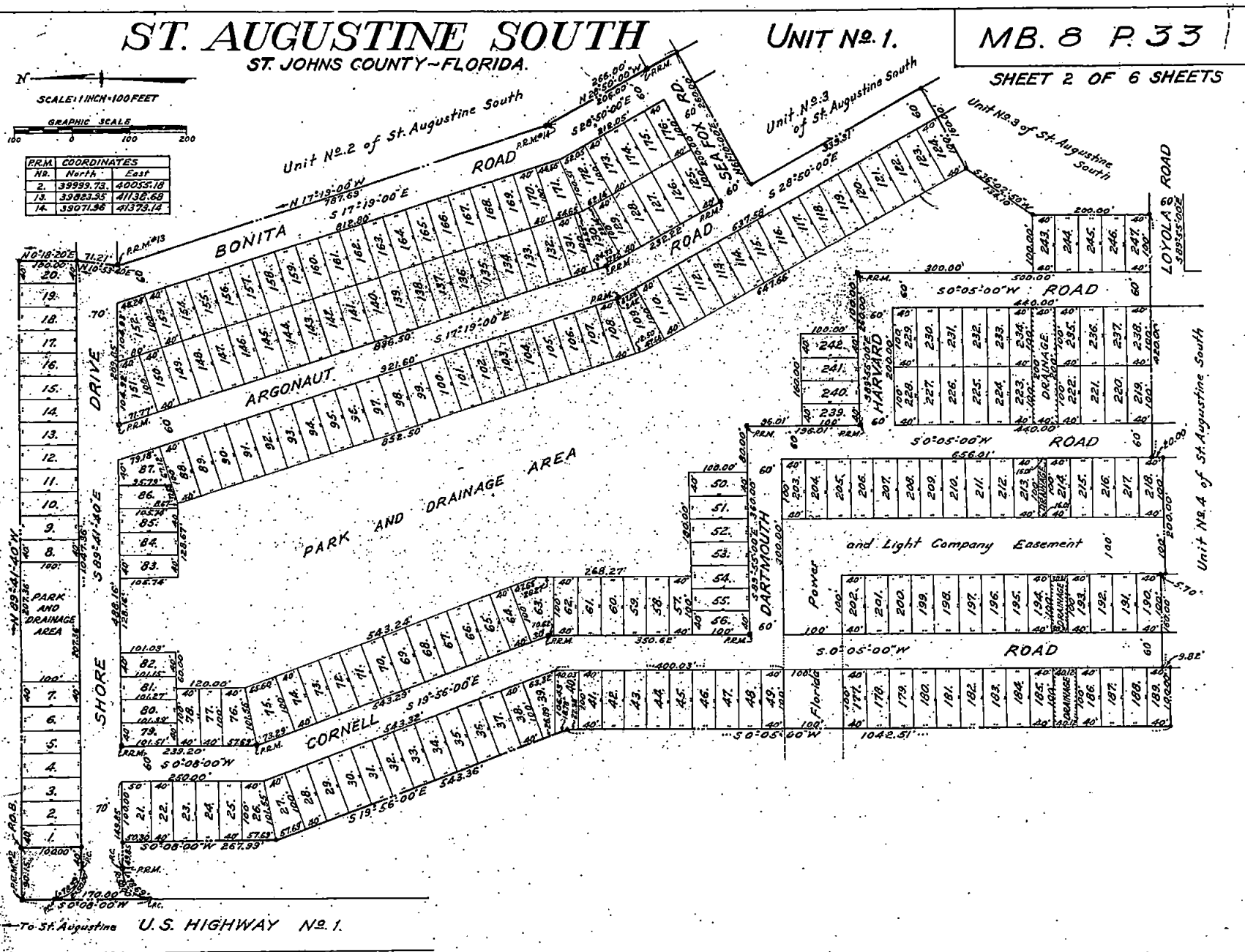
UNIT No. 1.

MB. 8 P. 33

SHEET 2 OF 6 SHEETS



PRM.	COORDINATES
1.	3999.73, 40055.18
2.	3983.35, 41138.68
3.	3971.36, 41373.14



To St. Augustine U.S. HIGHWAY No. 1.

Notes:
No dwelling to be erected on a plot of less than two lots.

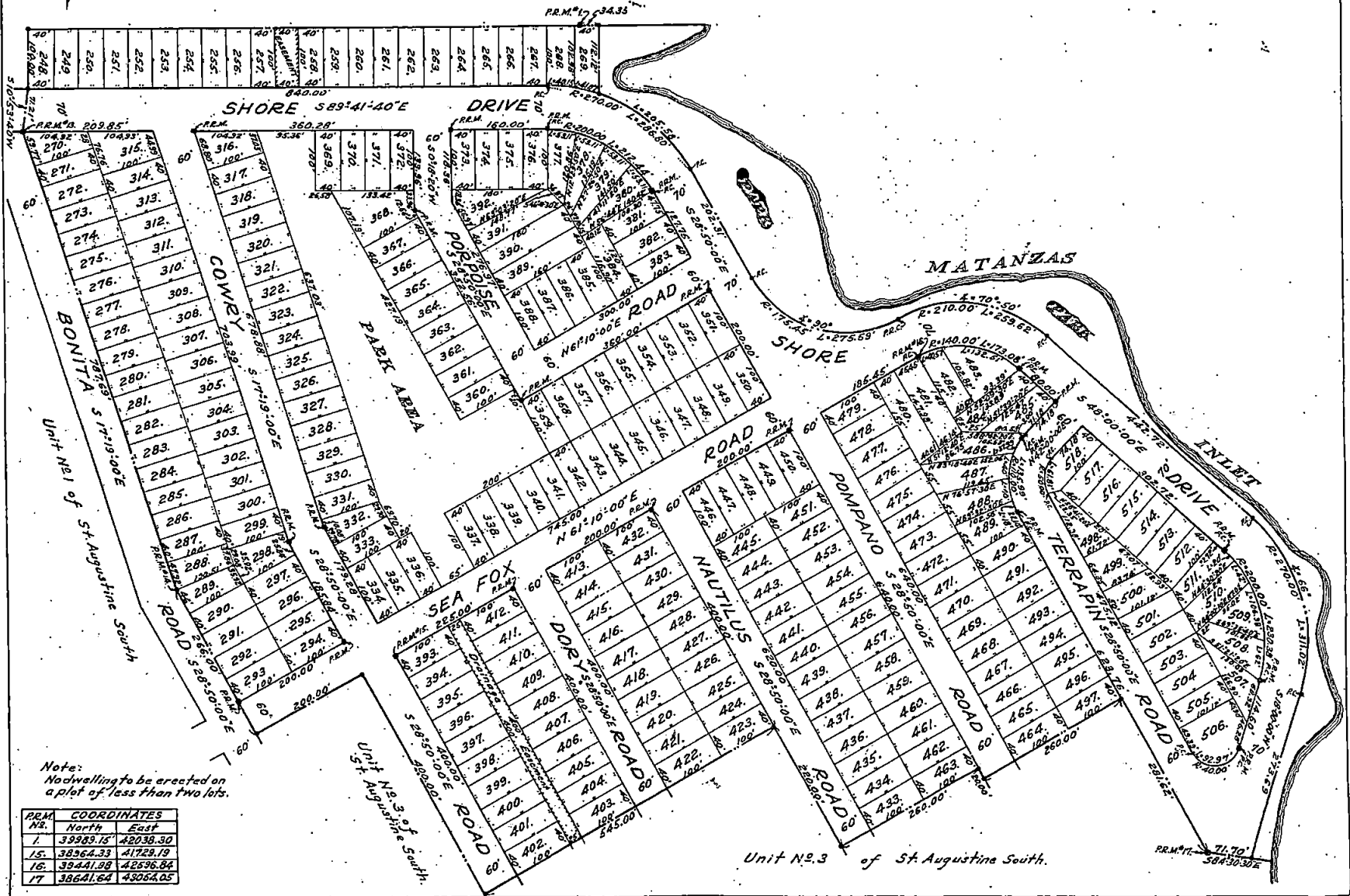
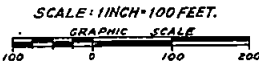
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY-FLORIDA.

UNIT No. 2.

MB 8 P. 34

SHEET 3 OF 6 SHEETS



Note:
No dwelling to be erected on
a plot of less than two lots.

PRM. No.	COORDINATES	
	North	East
1.	39989.75	42036.30
15.	38964.33	41729.19
16.	39441.88	42596.84
17.	38641.64	43054.05

Unit No. 3 of St. Augustine South.

ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 3.

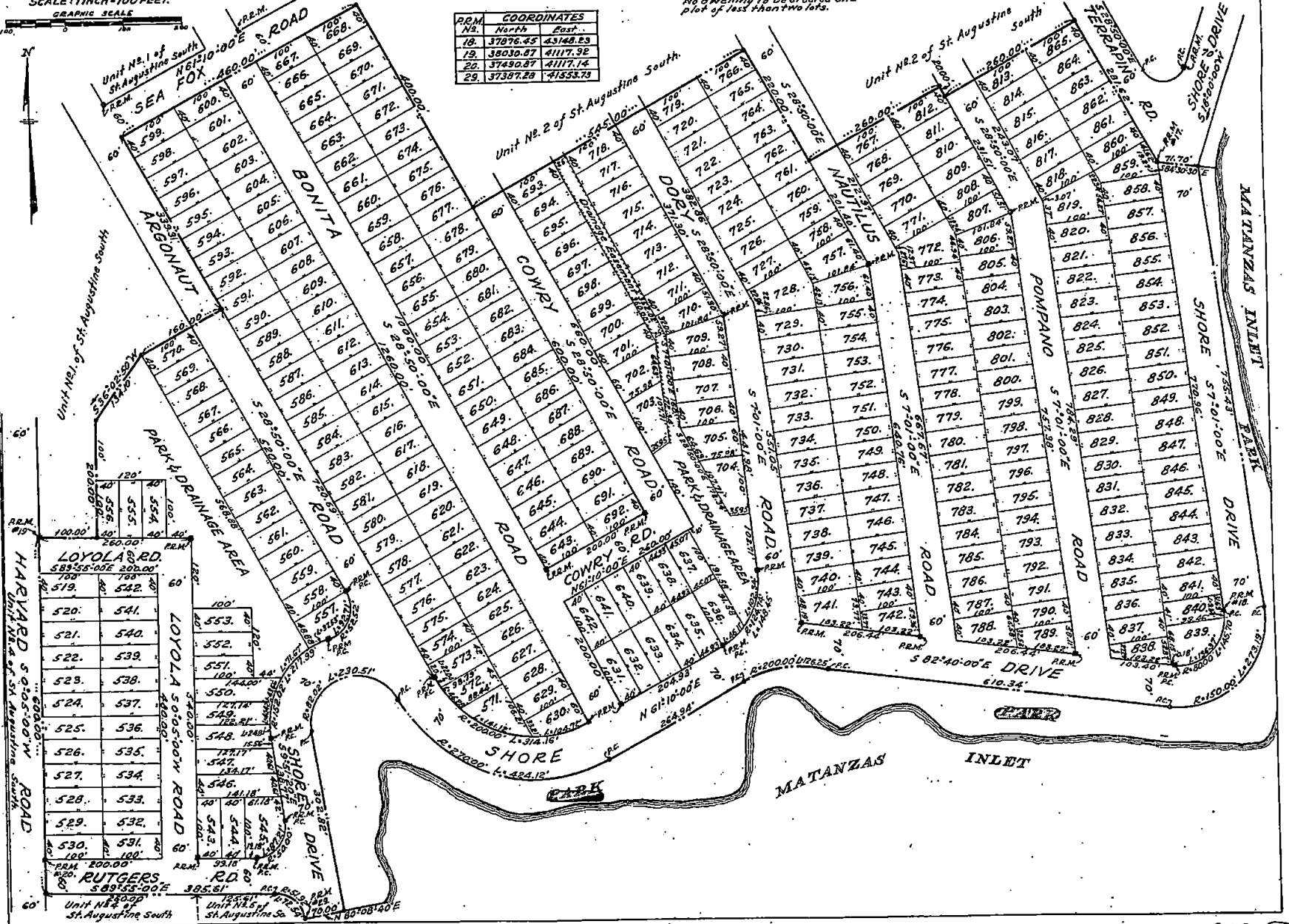
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SHEET 4 OF 6 SHEETS

SCALE: 1 INCH = 100 FEET.
GRAPHIC SCALE

Note:
No dwelling to be erected on
plot of less than two lots.

R.R.M. No.	COORDINATES	
	North	East
18.	37876.45	43148.83
19.	38030.87	41117.92
20.	37480.87	41117.14
29.	37387.29	41553.73



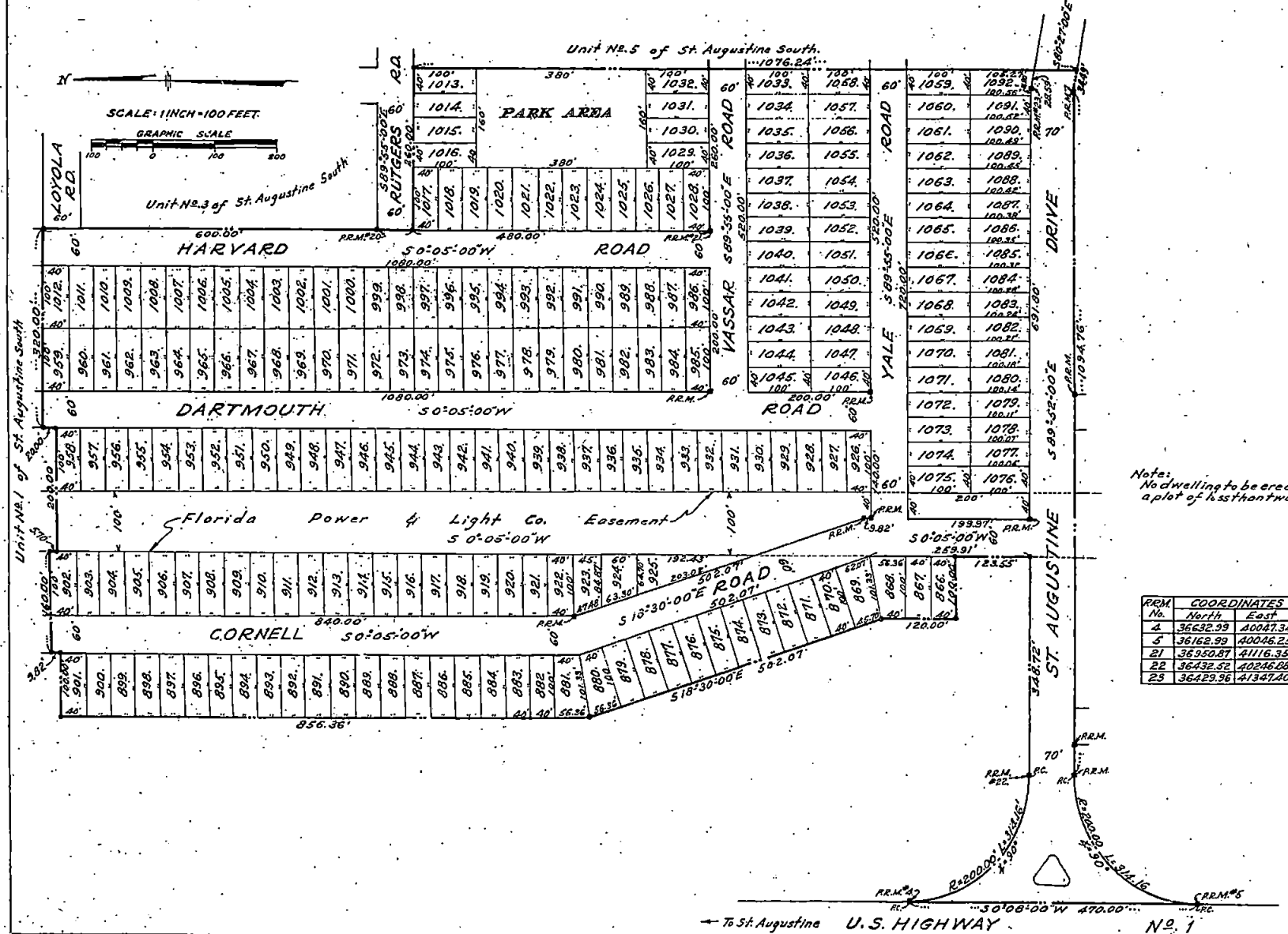
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 4.

MB. 8 P. 36

SHEET 5 OF 6 SHEETS



Note:
No dwelling to be erected on
a plot of less than two lots.

RRM No.	COORDINATES	
	North	East
4	36632.99	40047.34
5	36162.99	40046.25
21	36350.87	41116.35
22	36432.52	40246.08
23	36429.56	41347.40

→ To St. Augustine U.S. HIGHWAY No. 1

ST. AUGUSTINE SOUTH

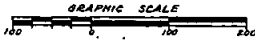
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UNIT No. 5.

MB. 8. P. 37

SHEET 6 OF 6 SHEETS

SCALE: 1 INCH = 100 FEET



Unit No. 3 of St. Augustine South

RUTGERS RD.

Unit No. 4 of St. Augustine South

YALE RD.

VASSAR RD.

ROYAL RD.

OSAGE RD.

MOHEGAN RD.

SHORE DRIVE

SEMINOLE DRIVE

ST. AUGUSTINE DRIVE

ARROWHEAD ROAD

PARK & DRAINAGE AREA

DRAINAGE AREA

INLET

DRIVE

DRIVE

DRIVE

DRIVE

DRIVE

DRIVE

DRIVE

DRIVE

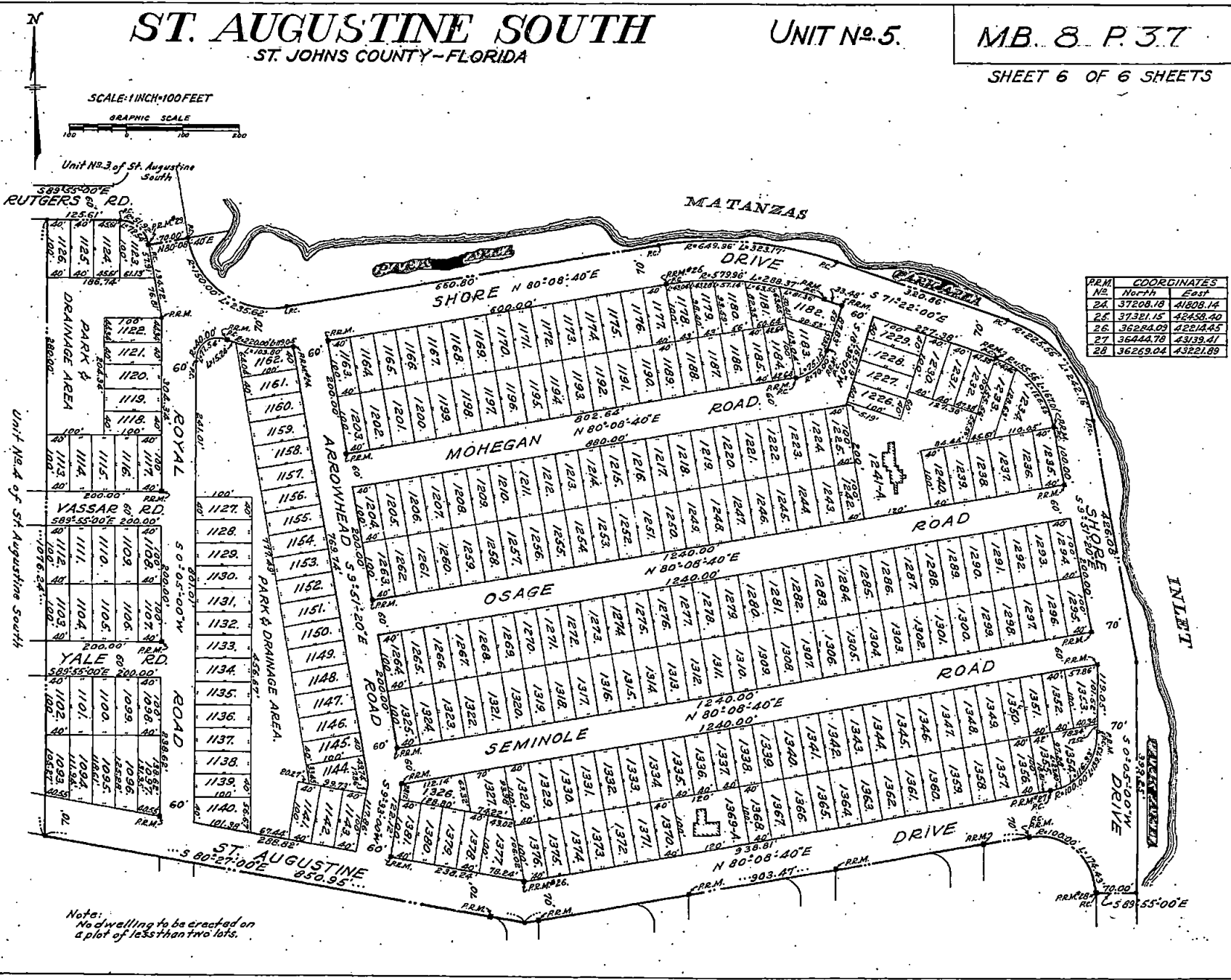
DRIVE

DRIVE

DRIVE

Note:
No dwelling to be erected on
a plot of less than two lots.

PRM No.	COORDINATES
	North East
24	37208.18 41808.14
25	37321.15 42450.40
26	36284.09 42214.45
27	36444.78 43139.41
28	36269.04 43221.89



ST. AUGUSTINE SOUTH

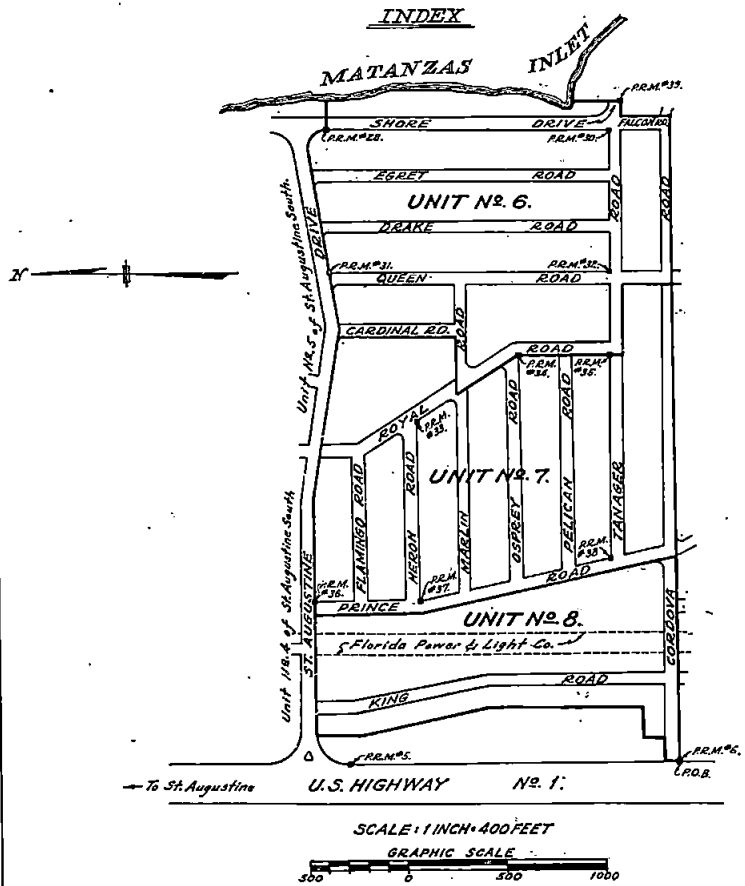
ST. JOHNS COUNTY - FLORIDA.

MB. 8 P. 38

SHEET 1 OF 4 SHEETS

DESCRIPTION

A subdivision of a portion of St. Augustine South, lying in Section 31, of Twp. 7S, Rge. 30E, St. Johns County, State of Florida, more particularly described as follows: Beginning at a concrete monument on the easterly boundary of U.S. Highway No. 1, said point being designated as P.R.M. No. 6 on a plat entitled St. Augustine South recorded on June 8, 1954 in Map Book 8, pages 30 and 31, said point being also at the intersection of the easterly side of U.S. Highway No. 1 and the southerly side of Cordova Road as shown on Unit No. 8 (Sheet No. 4) of this subdivision. From said Point of Beginning run thence along the southerly side of the aforementioned Cordova Road, S 89° 55' 00" E 3236.30; thence N 0° 05' 00" E 260.00; thence S 89° 55' 00" E 80.00 to P.R.M. No. 39 as shown on Unit No. 6 (Sheet No. 2) of this subdivision; thence N 0° 05' 00" E 70.00 to the northerly side of Shore Drive and continuing on the same bearing N 0° 05' 00" E to the marshes of Matanzas, thence in a generally northerly direction along the marshes of Matanzas as it winds and turns to the southerly boundary of Unit No. 5 of this subdivision recorded in Map Book 8, page 37, on July 13, 1954; thence N 89° 55' 00" W to the easterly side of Shore Drive and continuing on the same course N 89° 55' 00" W 70.00 to P.R.M. No. 28 as shown on Unit No. 6 (Sheet No. 2) of this subdivision; thence along the westerly side of Shore Drive along a curve having a radius of 100.00, an arc length of 174.43 to the southerly side of St. Augustine Drive as shown on Unit No. 6 (Sheet No. 2) of this subdivision; thence continuing along the southerly side of St. Augustine Drive S 80° 08' 40" W 303.47; thence N 80° 27' 00" W 885.44; thence N 89° 52' 00" W 1094.76 to a point of curve, thence along a curve to the left having a radius of 200.00, an arc length of 51.73; thence S 0° 05' 00" W 210.41; thence S 12° 00' 00" E 668.79; thence S 0° 05' 00" W 790.53; thence N 89° 55' 00" W 180.00; thence S 0° 05' 00" W 100.00 to the northerly side of the aforementioned Cordova Road; thence along the northerly side of Cordova Road N 89° 55' 00" W 110.32; to the easterly side of the aforementioned U.S. Highway No. 1, thence along the easterly side of U.S. Highway No. 1 S 0° 08' 00" W 60.00 to the Point of Beginning.



APPROVALS

Examined and approved this 10th day of August, A.D. 1954 by the Board of County Commissioners of St. Johns County, Florida.

Attest Alexander Farrow Dan F. Minkler
Ex Officio Clerk Chairman

I hereby certify that this plan has been examined and that it complies in form with Chapter 10275, Laws of Florida of 1925, and is filed for record in Map Book 8, Pages 30 & 31 of the public records of St. Johns County, Florida, this 10th day of August, A.D. 1954.

Clerk of Circuit Court Alexander Farrow

SURVEYOR'S CERTIFICATION

This is to certify that this plat is a correct representation of the lands surveyed, subdivided and described above, that the Permanent Reference Markers have been placed according to the Laws of the State of Florida, and that St. Johns County zoning rules and regulations have been complied with.

Signed this 10th day of August, A.D. 1954.

A. D. Crossmanville
Registered Surveyor No. 22, Florida

ADOPTION AND DEDICATION

This is to certify that Florida Speaks Corporation, a corporation under the Laws of the State of Florida, is the lawful owner of the lands described in the caption hereof, and has caused the same to be surveyed and subdivided, and this plat made in accordance with said survey is hereby adopted as the true and correct plat of said lands, and all roads, rights of ways, parks and easements are hereby and without reservation irrevocably dedicated to St. Johns County and its successors. In witness whereof the Florida Speaks Corporation has caused these presents to be signed by Henry J. Board and Alexander Werstein, respectively its president and secretary, and its corporate seal affixed this 10th day of August, A.D. 1954.

Henry J. Board Witness James H. Board President
Alexander Werstein Witness Alexander Werstein Secretary
Florida Speaks Corporation

NOTARIZATION

State of Florida
County of Pinellas

I hereby certify that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, Henry J. Board and Alexander Werstein to me well known to be the persons described in, and who executed the foregoing instrument, and that they acknowledged before me that they executed the same as officers of the said corporation for the purposes expressed therein, and as an act of said corporation.

Witness my hand and official seal at St. Petersburg in the County of Pinellas, State of Florida, this 10th day of August, A.D. 1954.

C. H. D. [Signature]
Notary Public
State of Florida
My Commission Expires, December 5, 1956

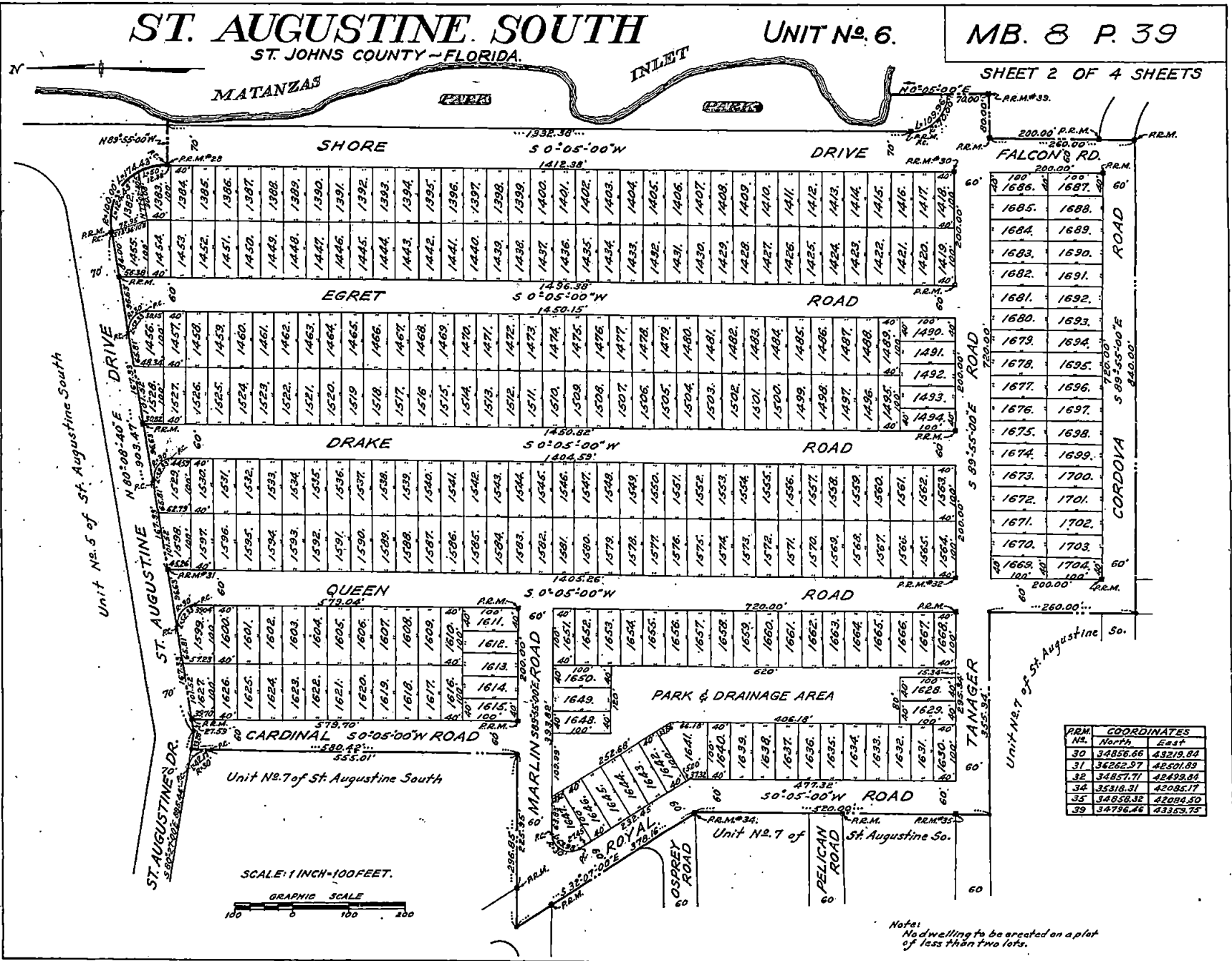
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA

UNIT No. 6.

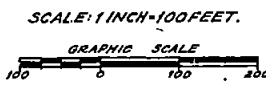
MB. 8 P. 39

SHEET 2 OF 4 SHEETS



Unit No. 5 of St. Augustine South

ST. AUGUSTINE DR.



Lot No.	Area
1685	1688
1684	1689
1683	1690
1682	1691
1681	1692
1680	1693
1679	1694
1678	1695
1677	1696
1676	1697
1675	1698
1674	1699
1673	1700
1672	1701
1671	1702
1670	1703
1669	1704

PRM. No.	Coordinates
30	34856.66 43219.84
31	34862.97 42801.89
32	34857.77 42499.84
34	35318.31 42085.17
35	34858.32 42084.50
39	34796.46 43359.73

Note:
No dwelling to be created on a plot of less than two lots.

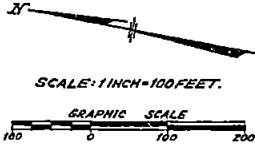
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 7.

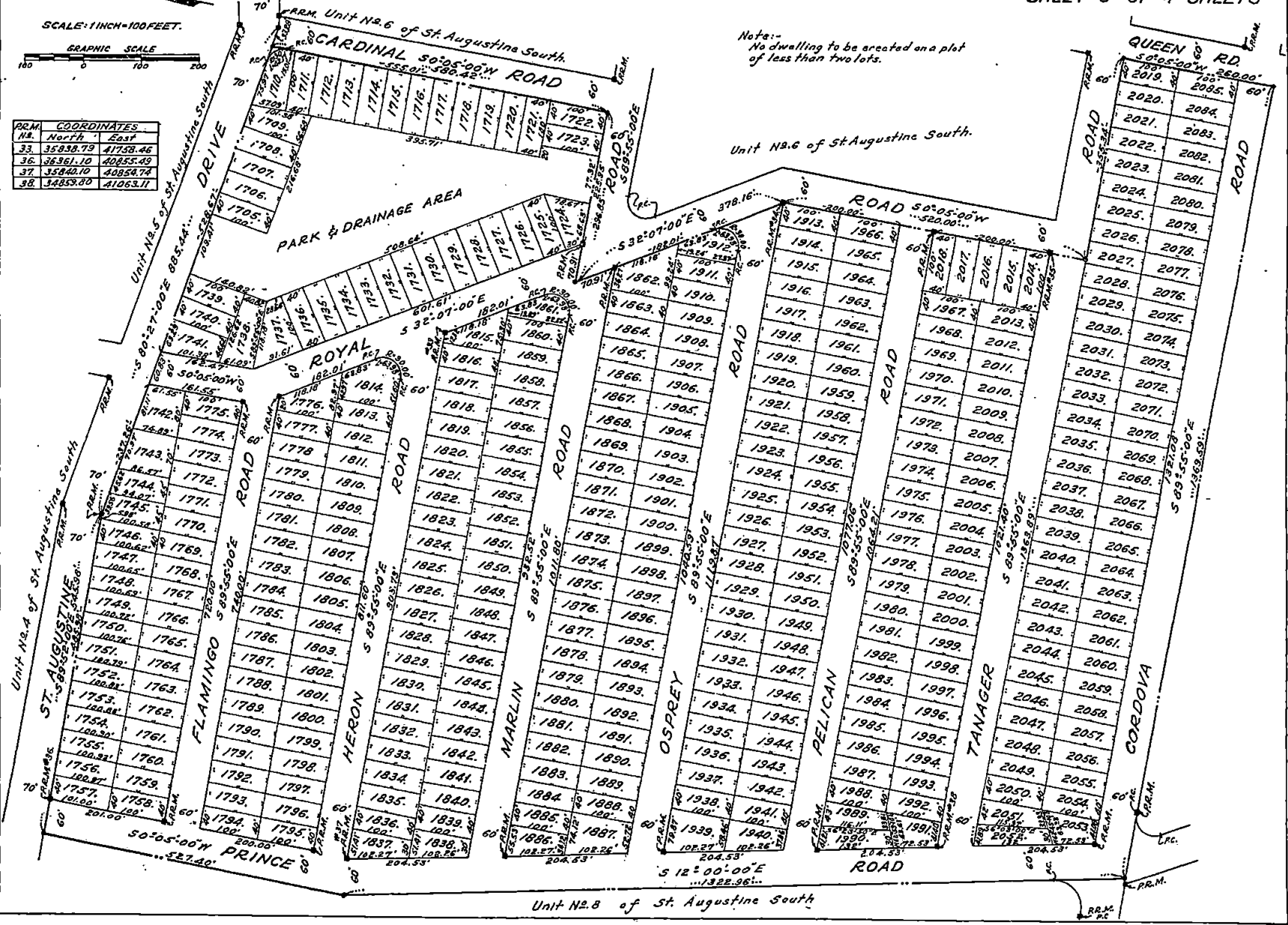
MB. 8 P. 40

SHEET 3 OF 4 SHEETS



PRM. NR.	COORDINATES
	North East
33	35838.79 41758.46
36	36361.10 40855.49
37	35840.10 40854.74
38	34853.80 41063.11

Note:-
No dwelling to be created on a plot of less than two lots.



Unit No. 8 of St. Augustine South

Man Park & Pava 40

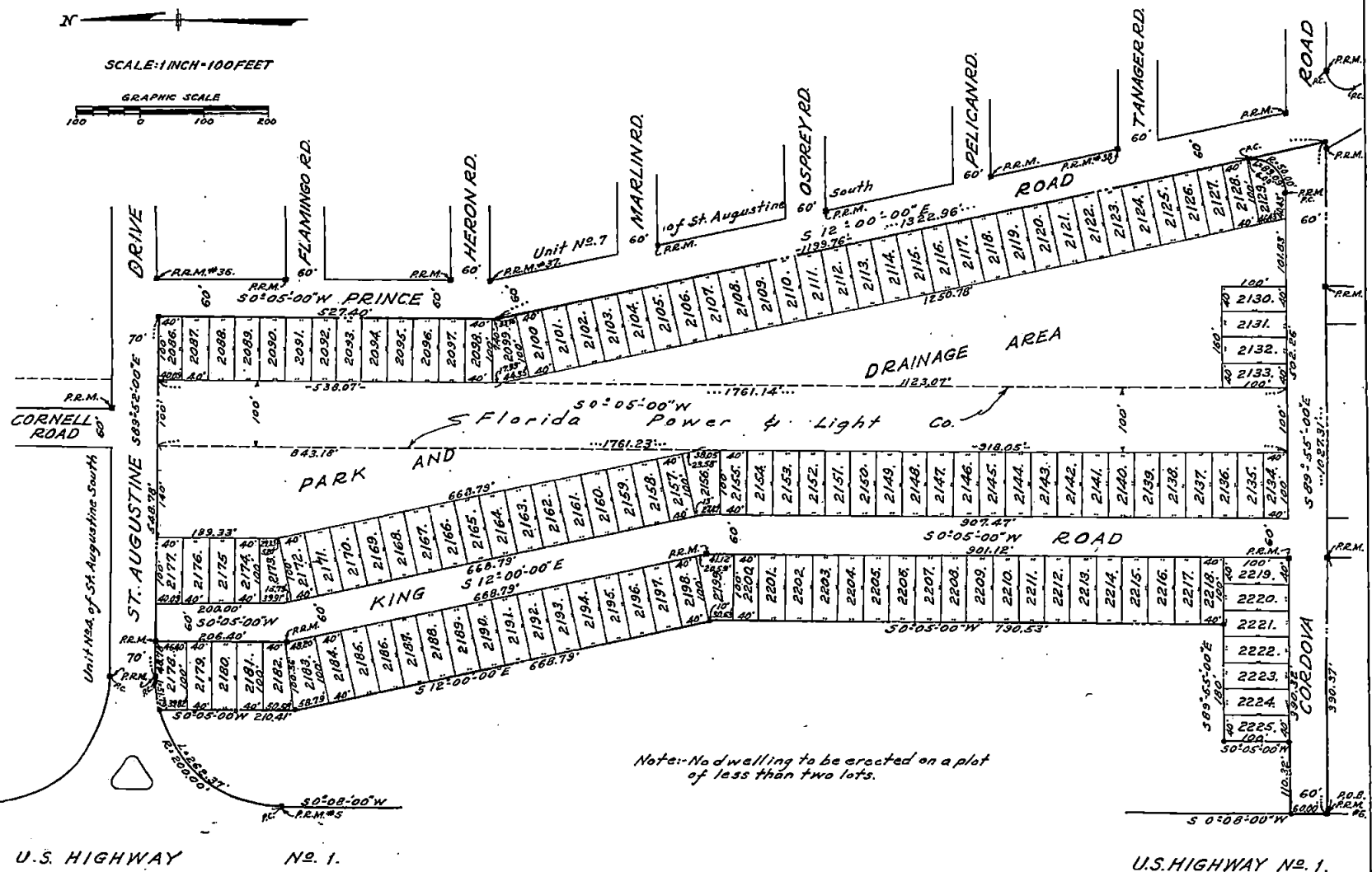
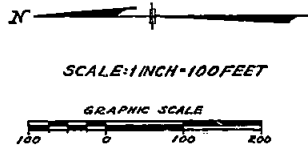
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 8.

MB. 8 P. 4

SHEET 4 OF 4 SHEETS



Note: No dwelling to be erected on a plot of less than two lots.

U.S. HIGHWAY No. 1.

U.S. HIGHWAY No. 1.

ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

MB. 8 P. 43

SHEET 1 OF 7 SHEETS

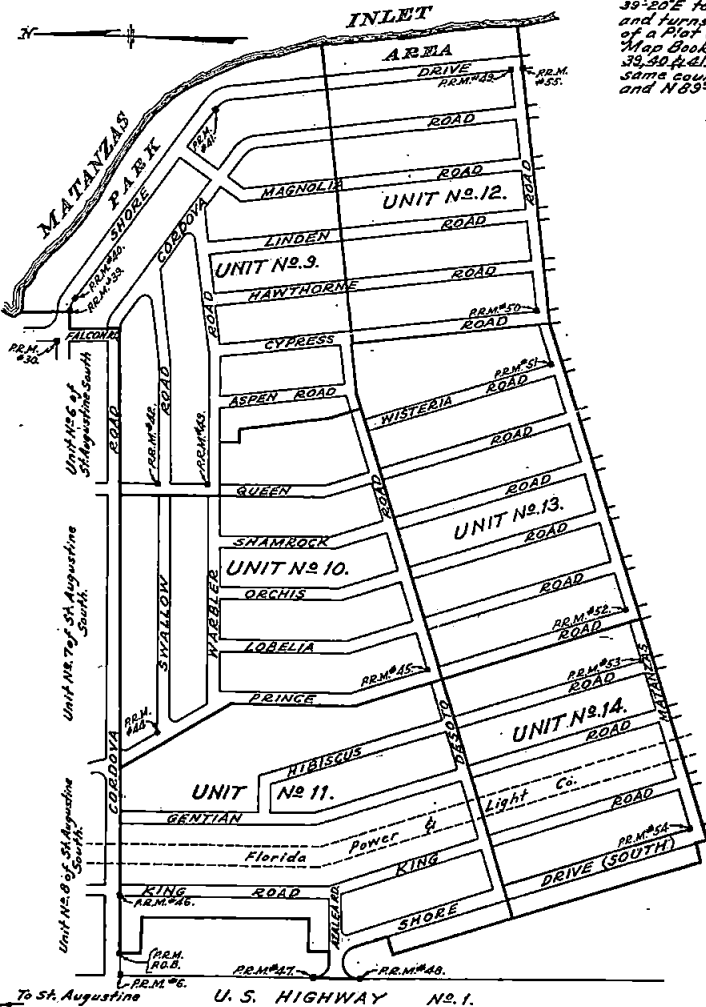
DESCRIPTION

A subdivision of a portion of St. Augustine South, lying in Sections 31, 42, & 43 of Twp 7S, Rge. 30E and Sections 6, 37, 38, 47 & 51, Twp. 8S, Rge. 30E, St. Johns County, State of Florida, more particularly described as follows: From a concrete monument designated at P.R.M. #6 on a Plat entitled St. Augustine South, Boundary, recorded in the office of the County Clerk of St. Johns County, on June 8, 1954, in Map Book B, page 31, run thence S 83°55'00"E 110.37' to a concrete monument and the Point of Beginning, thence the following courses and distances: S 0°05'00"W 100.00'; S 89°55'00"E 100.00'; S 0°05'00"W 63.56'; N 83°55'00"W 100.00'; S 0°05'00"W 100.00' and N 83°55'00"W 56.24' to a point of curve, thence along a curve to the right having a radius of 75.00' and an arc length of 117.88' to the easterly side of U.S. Highway No. 1, thence along the easterly side of U.S. Highway No. 1, S 0°08'00"W 273.39', thence along the southerly line of Shore Drive as shown on Unit No. 12 (Sheet #2) of this subdivision, along a curve having a radius of 74.98' and an arc length of 213.30', thence the following courses and distances: S 83°55'00"E 205.34'; S 73°07'00"W 100.00'; S 16°53'00"E 1640.00'; N 73°07'00"E 100.00'; S 16°53'00"E 60.00'; N 73°07'00"E 2711.12' and N 83°33'30"E 1300.00' to P.R.M. No. 55 as designated on Unit No. 12 (Sheet #2) of this subdivision, thence continuing along the same course N 83°33'30"E 70.00' to the easterly side of Shore Drive as shown on said Unit No. 12, thence continuing along the same course N 83°39'20"E to the Marshes of Matanzas, thence in a generally Northerly Direction along the Marshes of Matanzas as if Windy and turns to a point, said point being on a course N 0°05'00"E from P.R.M. No. 39, as designated on Unit No. 6 (Sheet #2) of a Plat of St. Augustine South, recorded in the Office of the County Clerk of St. Johns County on August 10, 1954, in Map Book B, page 32, thence along the southerly bounds of Units No. 6, 7 & 8, recorded in Map Book B, pages 32, 33 & 34, the following courses and distances: S 0°05'00"W 70.00' to the aforementioned P.R.M. No. 39, thence N 83°55'00"W 80.00'; S 0°05'00"W 200.00' and N 83°55'00"W 3126.53' to the Point of Beginning.

INDEX

SCALE: 1 INCH = 400 FEET

GRAPHIC SCALE



APPROVALS

Examined and approved this 10th day of August A.D. 1954 by the Board of County Commissioners of St. Johns County, Florida.

Attest: *William James* Ex Officio Clerk
Ray T. Scribner Chairman

I hereby certify that this plan has been examined and that it complies in form with Chapter 10275, Laws of Florida of 1925, and is filed for record in Map Book B, Page 43-44, of the public records of St. Johns County, Florida, this 18th day of August A.D. 1954.

Clerk of Circuit Court: *William James*

SURVEYOR'S CERTIFICATION

This is to certify that this plat is a correct representation of the lands surveyed, subdivided and described above, that the Permanent Reference Markers have been placed according to the Laws of the State of Florida, and that St. Johns County zoning rules and regulations have been complied with.

Signed this 10th day of August A.D. 1954.

W. T. Scribner
Registered Surveyor No. 22, Florida

ADOPTION AND DEDICATION

This is to certify that Florida Speaks Corporation, a corporation under the Laws of the State of Florida, is the lawful owner of the lands described in the caption hereof, and has caused the same to be surveyed and subdivided, and this plat made in accordance with said surveys hereby adopted as the true and correct plat of said lands, and all roads, rights of ways, parks and easements are hereby and without reservation irrevocably dedicated to St. Johns County and its successors.

In witness whereof the Florida Speaks Corporation has caused these presents to be signed by *James J. Carter* and *Alexander Noles* respectively its president and secretary, and its corporate seal affixed this 10th day of August A.D. 1954.

Florida Speaks Corporation

James J. Carter Witness *James J. Carter* Its President
Alexander Noles Witness *Alexander Noles* Its Secretary

State of Florida
County of Pinellas

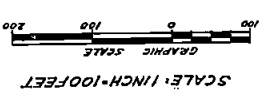
NOTARIZATION

I hereby certify that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, *James J. Carter* and *Alexander Noles*, to me well known to be the persons described in, and who executed the foregoing instrument, and that they acknowledged before me that they executed the same as officers of the said corporation for the purposes expressed therein, and as an act of said corporation.

Witness my hand and official seal at *St. Petersburg* in the County of Pinellas, State of Florida, this 10th day of August A.D. 1954.

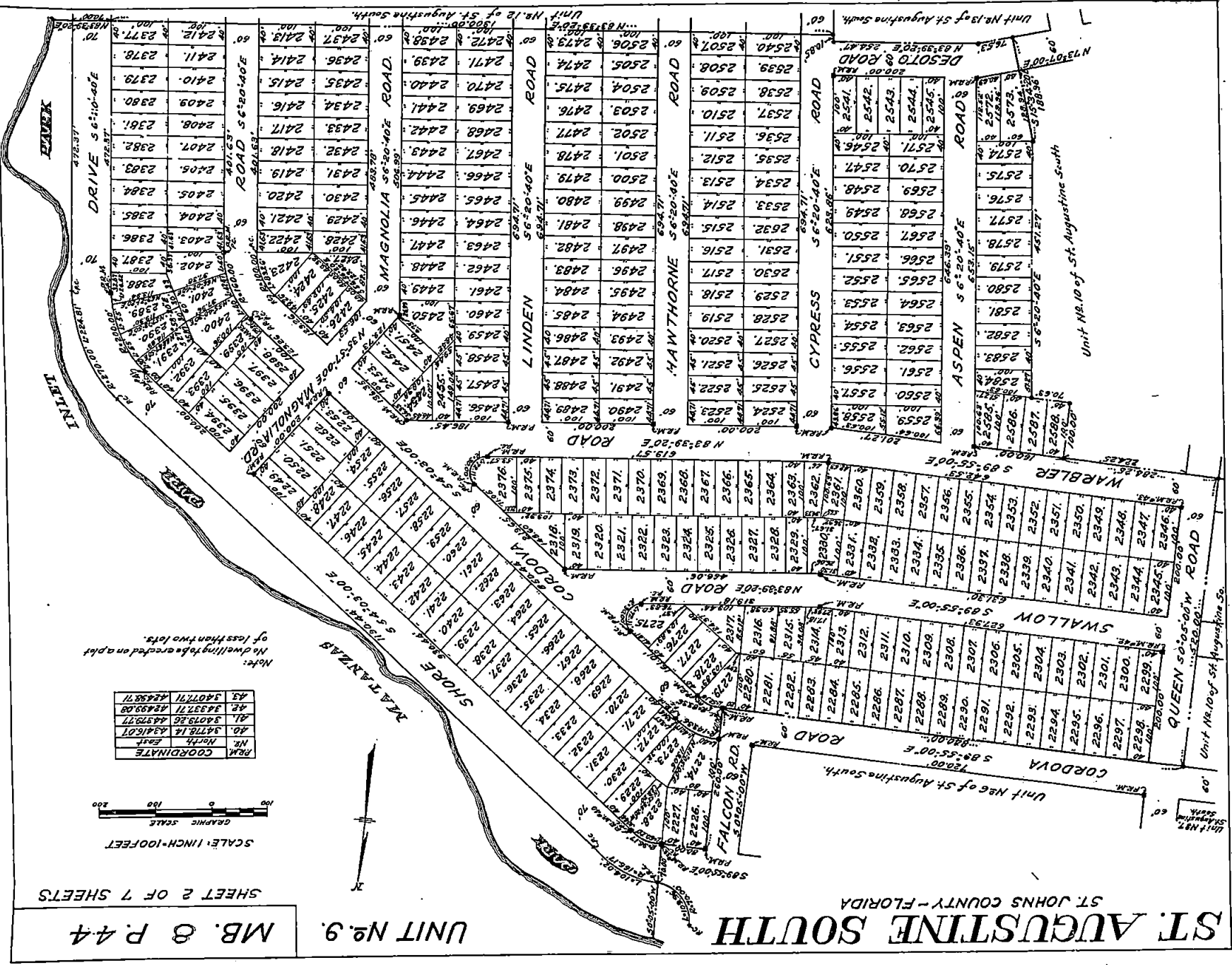
Notary Public, *W. T. Scribner* (W. T. Scribner)
State of Florida

My Commission Expires, *March 2, 1957*
Notary Public, State of Florida at Large
My Commission Expires March 2, 1957



R.M.	North	East	COORDINATE
43.	54077.71	42482.71	
42.	54337.71	42499.08	
41.	54079.26	42579.77	
40.	54778.14	42416.07	

Note:
No dwelling to be erected on a plot of less than two lots.



Unit No. 9 of St. Augustine South

Unit No. 12 of St. Augustine South

Unit No. 13 of St. Augustine South

Unit No. 10 of St. Augustine South

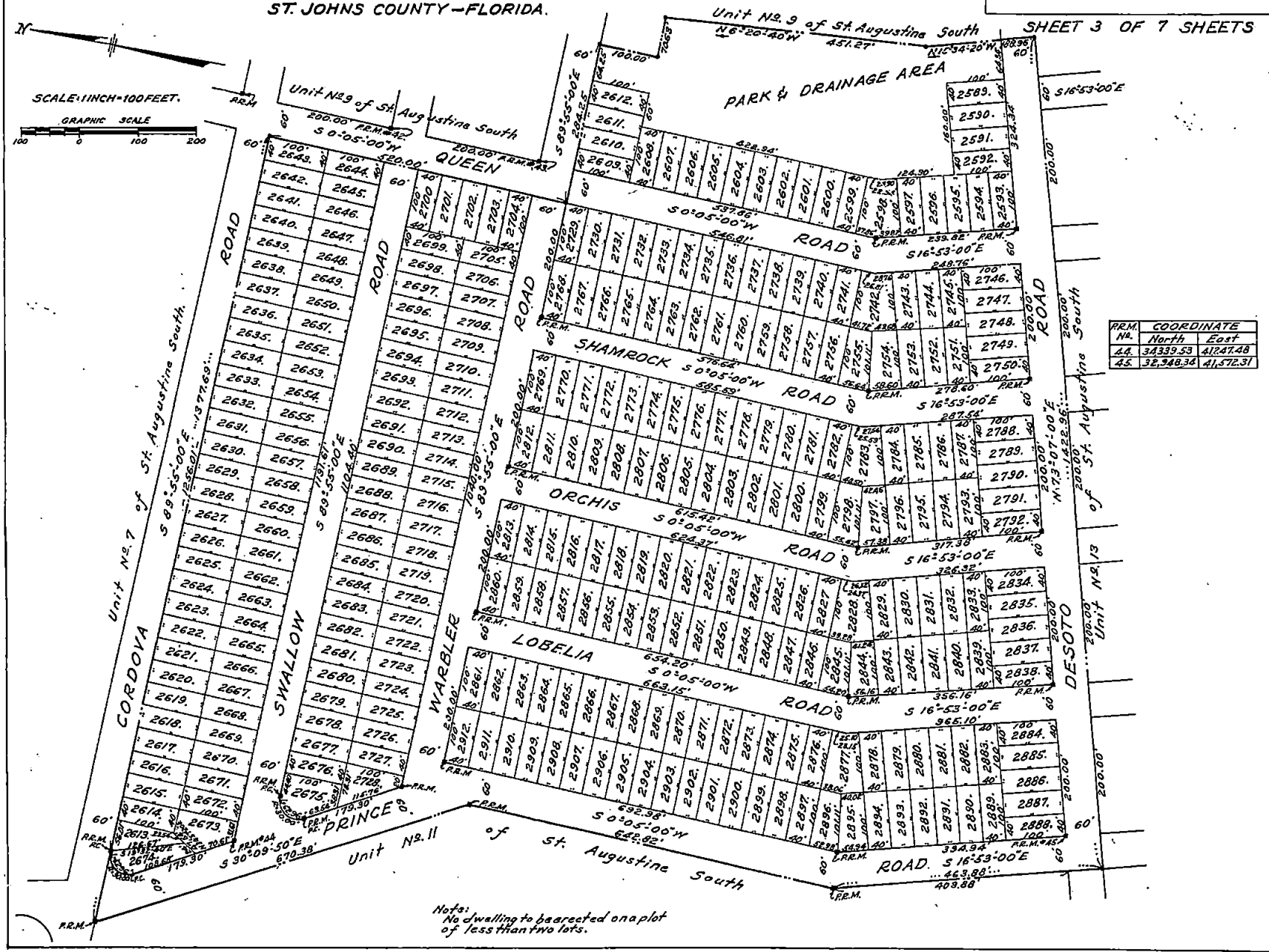
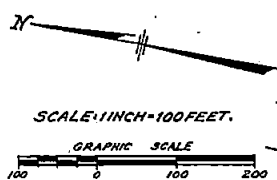
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 10.

MB. 8 P. 45

SHEET 3 OF 7 SHEETS



PRM. No.	COORDINATE	
	North	East
44	34339.53	41247.48
45	32348.34	41572.31

Note:
No dwelling to be erected on a plot of less than two lots.

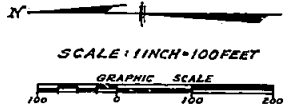
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 11.

MB. 8 P. 46

SHEET 4 OF 7 SHEETS

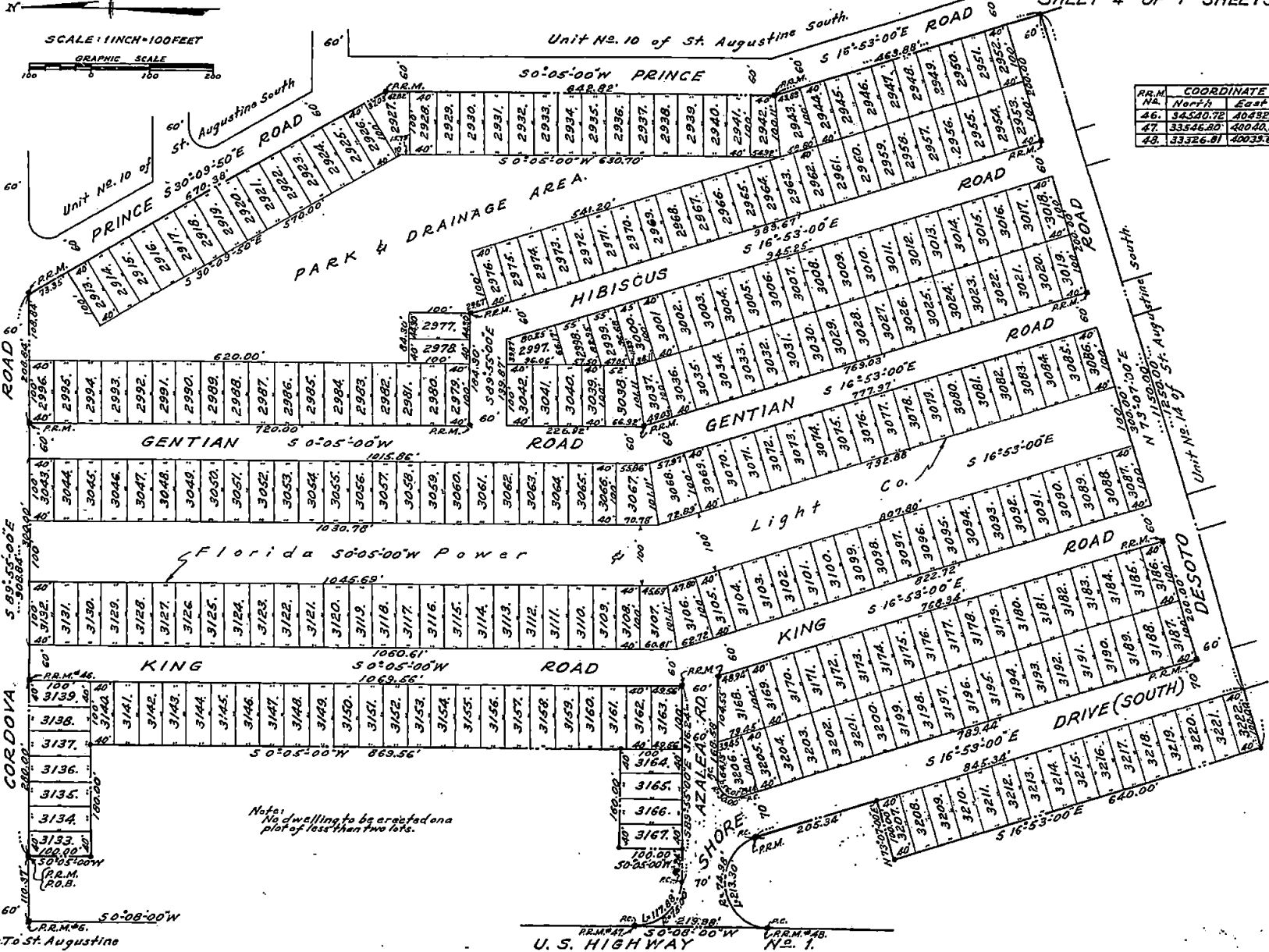


Unit No. 10 of St. Augustine South

St. Augustine South

Unit No. 9 of St. Augustine South

To St. Augustine



RR. No.	COORDINATE	
	North	East
46.	34520.72	40432.85
47.	33546.80	40040.16
48.	33326.81	40033.65

Note: No dwelling to be erected on a plot of less than two lots.

ST. AUGUSTINE SOUTH

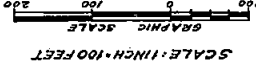
ST. JOHNS COUNTY - FLORIDA.

UNIT No. 12.

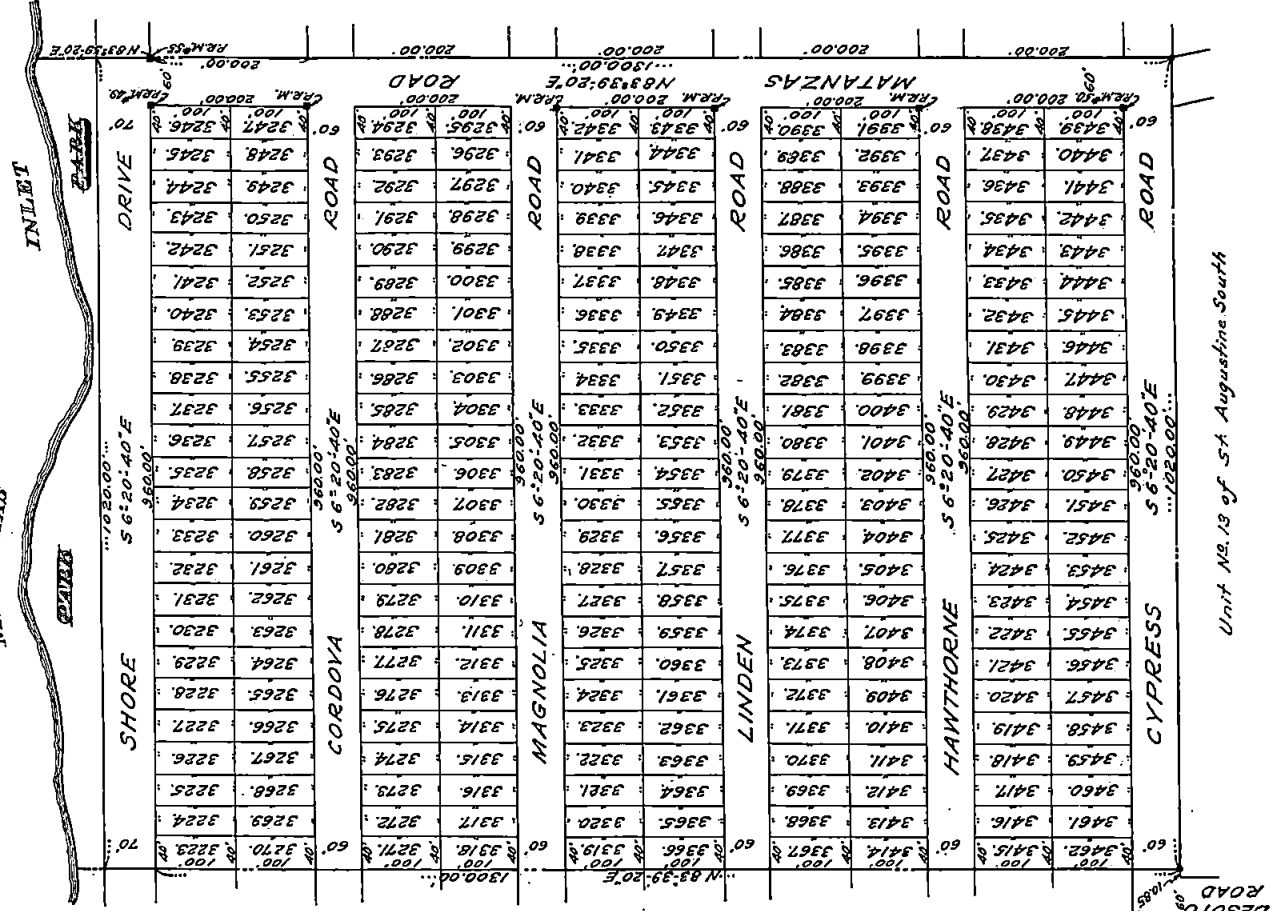
MB. 8 P. 47

SHEET 5 OF 7 SHEETS

Note: No dwelling to be erected on a plot of less than two lots.



REM.	COORDINATE
N5.	North
E55.	East
49.	32515.06
50.	32578.83
51.	32456.23
	44666.04



Unit No. 13 of St. Augustine South

Unit No. 9 of St. Augustine South

ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA

UNIT No. 13.

MB. & P. 48

SHEET 6 OF 7 SHEETS

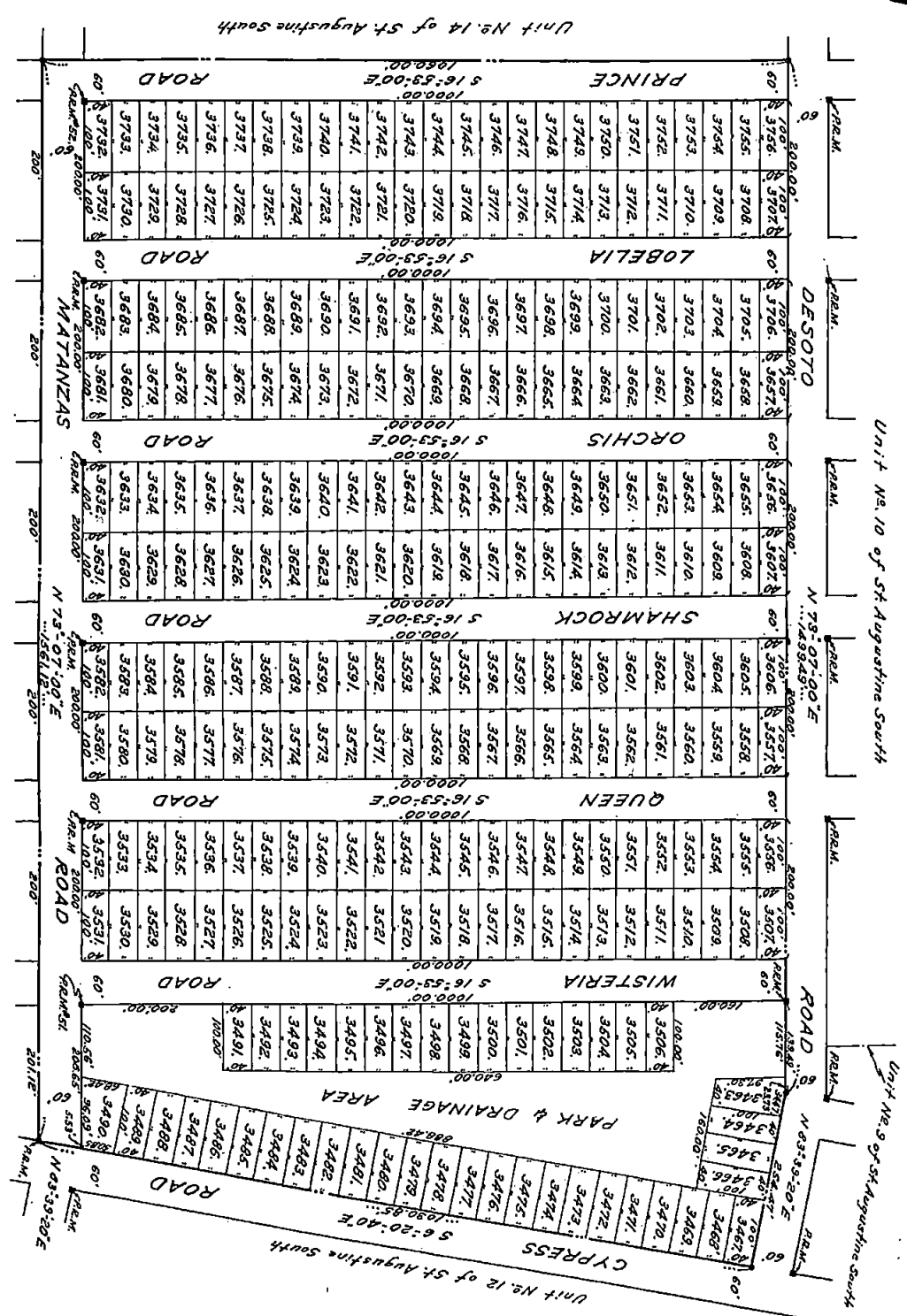
SCALE: 1 INCH = 100 FEET

GRAPHIC SCALE



Note:
No drawing to be created on a plot
of less than 1/4000'.

PLM	COORDINATE
NR	NORTH
ST	EAST
SE	SOUTH
SW	WEST



Unit No. 10 of St. Augustine South

Unit No. 9 of St. Augustine South

Unit No. 14 of St. Augustine South

Unit No. 12 of St. Augustine South

MATANZAS

ROAD

ROAD

ROAD

ROAD

ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 14.

MB. 8 P. 49

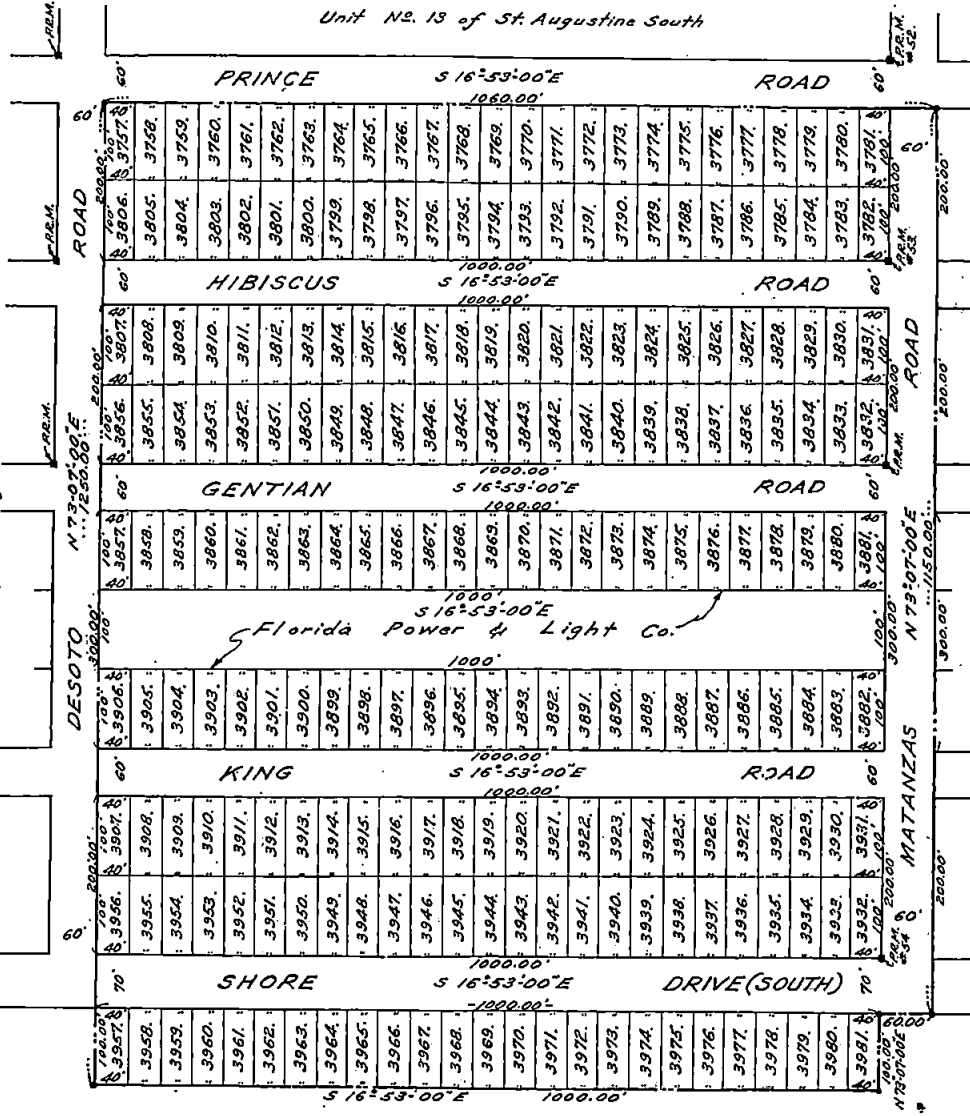
SHEET 7 OF 7 SHEETS

SCALE: 1 INCH = 100 FEET.



Unit No. 11 of St. Augustine South

Unit No. 13 of St. Augustine South



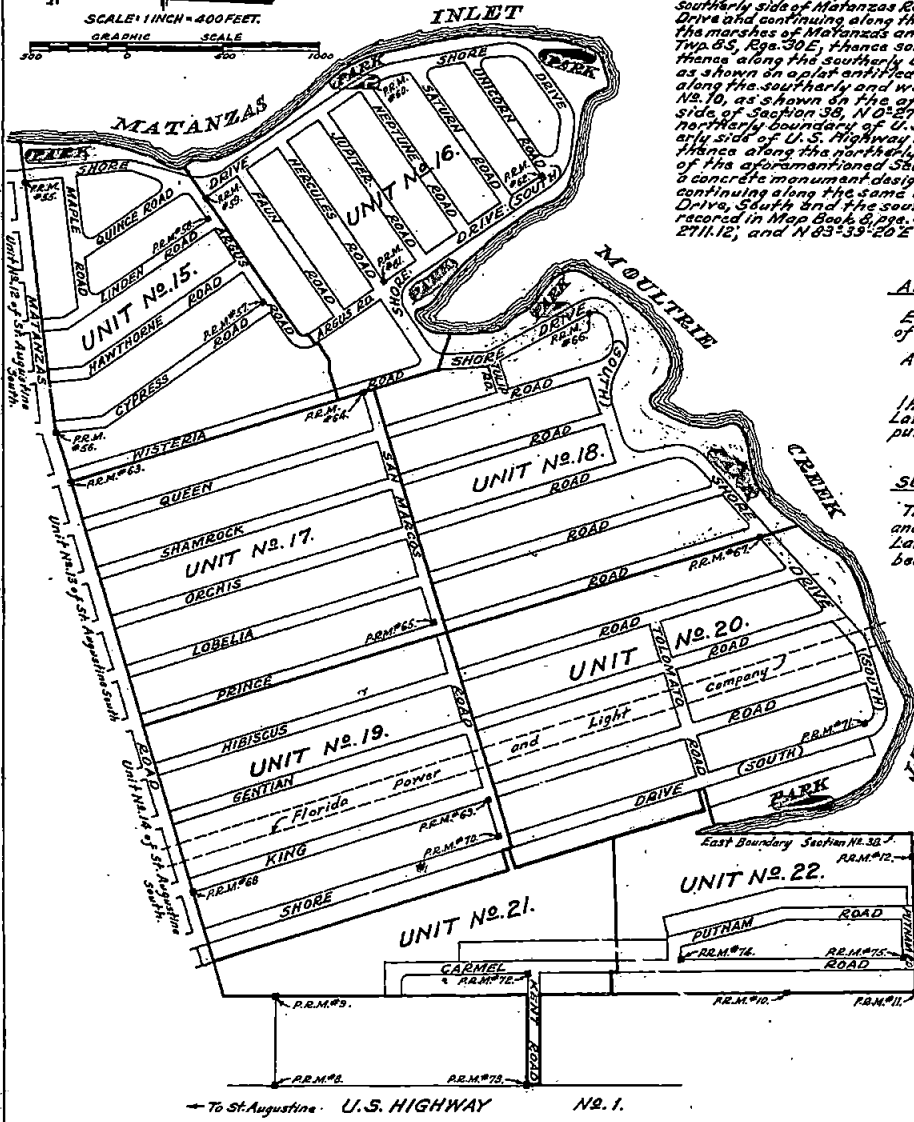
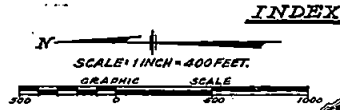
40

ST. AUGUSTINE, SOUTH

ST. JOHNS COUNTY - FLORIDA.

MB. 8 P.50

SHEET 1 OF 9 SHEETS



DESCRIPTION

A subdivision of a portion of St. Augustine South, lying in Section 6, 38, 4, 47, Twp. 8 S, Rgs. 30 E, St. Johns County, State of Florida, more particularly described as follows: Beginning at a concrete monument designated as P.R.M. #35, as shown on a plat entitled Unit No. 12, St. Augustine South, recorded in Map Book 8, page 47, on August 16, 1954; said Point of Beginning being at the intersection of the southerly side of Matanzas Road with the westerly side of Shore Drive, thence N 83° 39' 20" E 79.00' to the easterly side of Shore Drive and continuing along the same course N 83° 39' 20" E to the marshes of Matanzas; thence southerly and westerly along the marshes of Matanzas and the marshes of Moultrie Creek as they wind and turn to the easterly boundary of Section 38, Twp. 8 S, Rgs. 30 E; thence southerly along the easterly boundary of said Section 38 to the southeast corner of Section 38, thence along the southerly boundary of said Section 38, S 89° 08' 10" W to a concrete monument designated as P.R.M. #12 as shown on a plat entitled St. Augustine South, Boundary, recorded in Map Book 8, page 39, on June 8, 1954; thence along the southerly and westerly boundary of Section 38, S 89° 08' 10" W 694.00'; and N 0° 38' 12" E 662.92' to P.R.M. #10, as shown on the aforesaid plat of St. Augustine South, Boundary, thence continuing along the westerly side of Section 38, N 0° 27' 00" W 1260.36' to a point; thence along a course 60.00' southerly and parallel to the northerly boundary of U.S. Government Lot #8, of Section 6, Twp. 8 S, Rgs. 30 E, N 89° 54' 50" W 486.56' to the easterly side of U.S. Highway No. 1; thence along the easterly boundary of U.S. Highway No. 1, N 0° 06' 00" E 60.00'; thence along the northerly boundary of U.S. Government Lot #8, S 85° 54' 50" E 405.56' to the westerly boundary of the aforesaid Section 38; thence along the westerly boundary of said Section 38, N 0° 27' 00" W 1320.36' to a concrete monument designated as P.R.M. #13 on the aforesaid plat of St. Augustine South, Boundary; thence continuing along the same course N 0° 27' 00" W 262.36'; thence N 73° 07' 00" E 266.10' to the westerly side of Shore Drive, South and the southerly side of Matanzas Road as shown on a plat entitled Unit No. 14, St. Augustine South, recorded in Map Book 8, page 49, on August 10th, 1954; thence along the southerly side of Matanzas Road, N 73° 07' 00" E 271.12'; and N 83° 39' 20" E 1300.00' to the Point of Beginning.

APPROVALS

Examined and approved this 13th day of October, A.D. 1954 by the Board of County Commissioners of St. Johns County, Florida.
 Attest William J. Fowl Dan F. Friddle
 Ex Officio Clerk Chairman

I hereby certify that this plan has been examined and that it complies in form with Chapter 10275, Laws of Florida of 1925, and is filed for record in Map Book 8, Pages 39-49 of the public records of St. Johns County, Florida, this 13th day of October, A.D. 1954.
W. J. Fowl
 Clerk of Circuit Court

SURVEYOR'S CERTIFICATION

This is to certify that this plat is a correct representation of the lands surveyed, subdivided and described above, that the Permanent Reference Markers have been placed according to the Laws of the State of Florida, and that St. John's County zoning rules and regulations have been complied with.
 Signed this 13th day of October, A.D. 1954.
W. J. Fowl
 Registered Surveyor No. 25, Florida

ADOPTION AND VERIFICATION

This is to certify that Florida Speaks Corporation, a corporation under the Laws of the State of Florida, is the lawful owner of the lands described in the caption hereof, and has caused the same to be surveyed and subdivided, and this plat made in accordance with said survey is hereby adopted as the true and correct plat of said lands, and all roads, rights of ways, parks and easements are hereby and without reservation irrevocably dedicated to St. John's County and its successors.
 In witness whereof the Florida Speaks Corporation has caused these presents to be signed by Lewis J. Bechl and Alexander Noval respectively its president and secretary and its corporate seal affixed this 13th day of October, A.D. 1954.

Florida Speaks Corporation
Lewis J. Bechl Its President
Alexander Noval Its Secretary

NOTARIZATION

State of Florida
 County of Pinellas
 I hereby certify that on this day personally appeared before me an officer duly authorized to administer oaths and take acknowledgments William J. Fowl and Dan F. Friddle to me well known to be the persons described in, and who executed the foregoing instrument and that they acknowledge before me that they executed the same as officers of the said corporation for the purposes expressed therein, and as an act of said corporation.
 Witness my hand and official seal of October 13, 1954 in the County of Pinellas, State of Florida, this 13th day of October, A.D. 1954.

Notary Public
 State of Florida
 My Commission Expires, December 5, 1956
Ernest L. Buch

→ To St. Augustine - U.S. HIGHWAY No. 1

ST. AUGUSTINE SOUTH

UNIT No. 15.

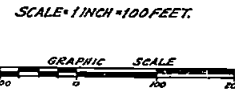
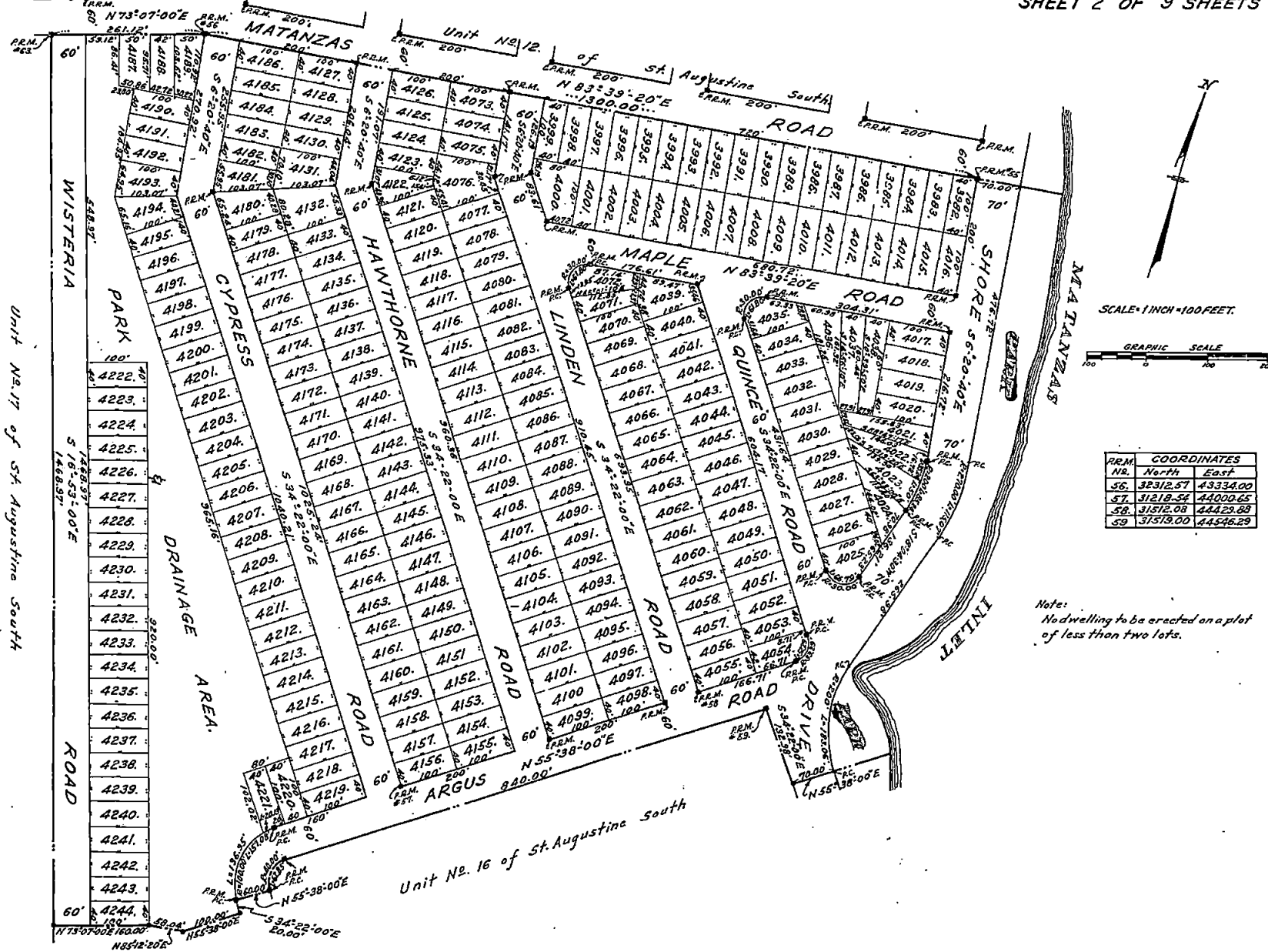
MB. 8 P. 51

ST. JOHNS COUNTY - FLORIDA.

SHEET 2 OF 9 SHEETS

Unit No. 13 of St. Augustine South

Unit No. 12 of St. Augustine South



PRM. NR.	COORDINATES	
	North	East
56	32312.57	43334.00
57	31218.54	44000.65
58	31512.08	44423.88
59	31519.00	44546.29

Note:
No dwelling to be erected on a plot of less than two lots.

Unit No. 16 of St. Augustine South

ST. AUGUSTINE SOUTH

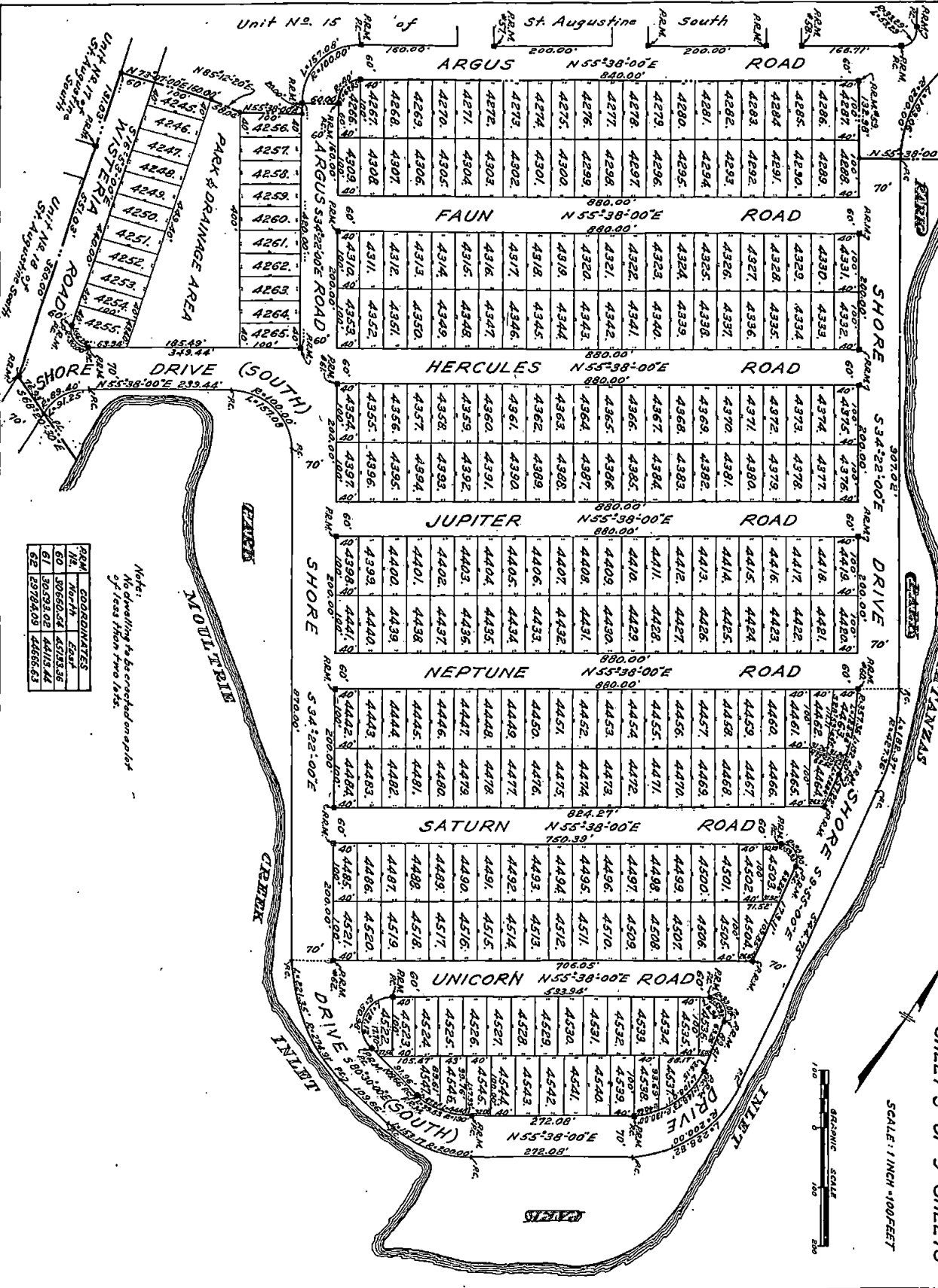
ST. JOHNS COUNTY - FLORIDA

UNIT No. 16.

MB. 8 P. 52

SHEET 3 OF 9 SHEETS

SCALE: 1 INCH = 100 FEET



PAR.	COORDINATES
60	North
61	East
62	South
63	West

Note:
No dwelling to be constructed on plots
of less than two lots.

ST. AUGUSTINE, SOUTH

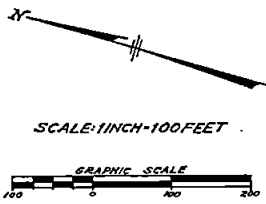
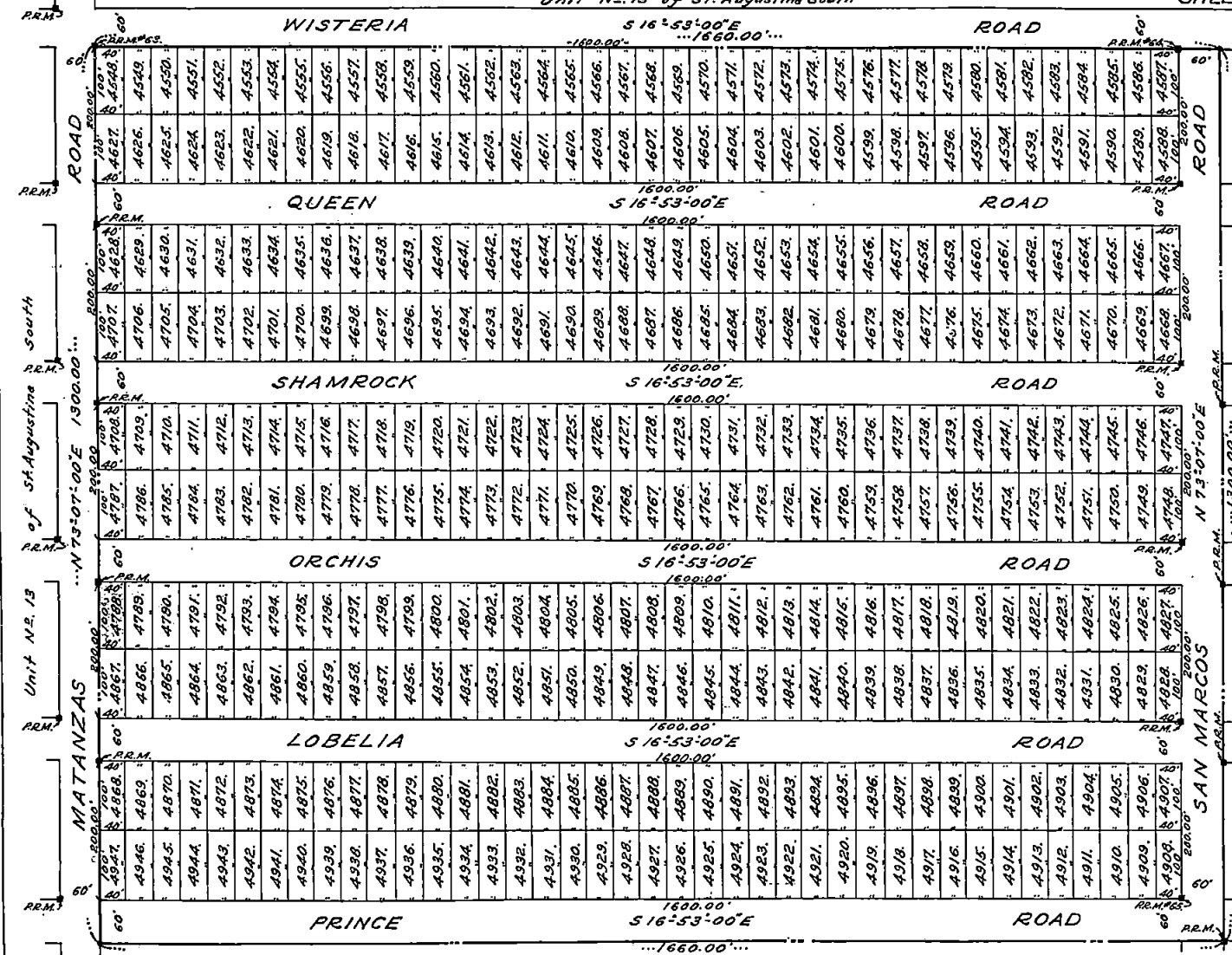
ST. JOHNS COUNTY - FLORIDA.

Unit No. 15 of St. Augustine South

UNIT No. 17.

MB. 8 P. 53

SHEET 4 OF 9 SHEETS



P.R.M. No.	COORDINATES	
	North	East
53	32236.74	A3084.14
64	30705.70	43548.82
55	30345.57	42362.26

Unit No. 19 of St. Augustine South

Note:
No dwelling to be erected on a plot of less than two lots.

Unit No. 18 of St. Augustine South

Unit No. 13 of St. Augustine South

Unit No. 13

MATANZAS

SAN MARCOS

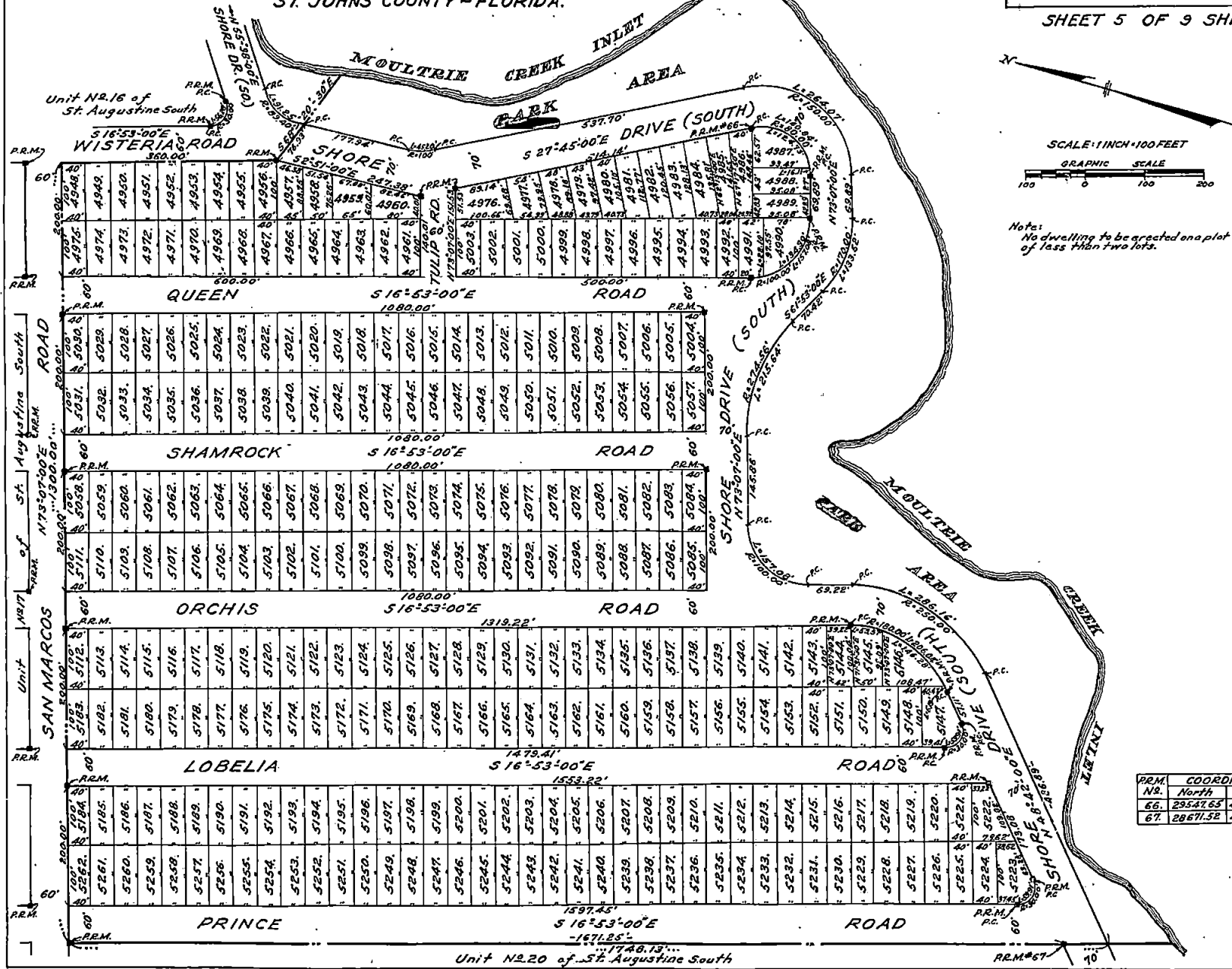
ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

UNIT No. 18.

MB. 8 P. 54

SHEET 5 OF 9 SHEETS



Note:
No dwelling to be erected on a plot
of less than two lots.

PRM. No.	COORDINATES	
	North	East
66.	29547.65	43950.93
67.	28671.52	42807.65

ST. AUGUSTINE SOUTH

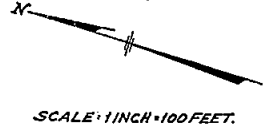
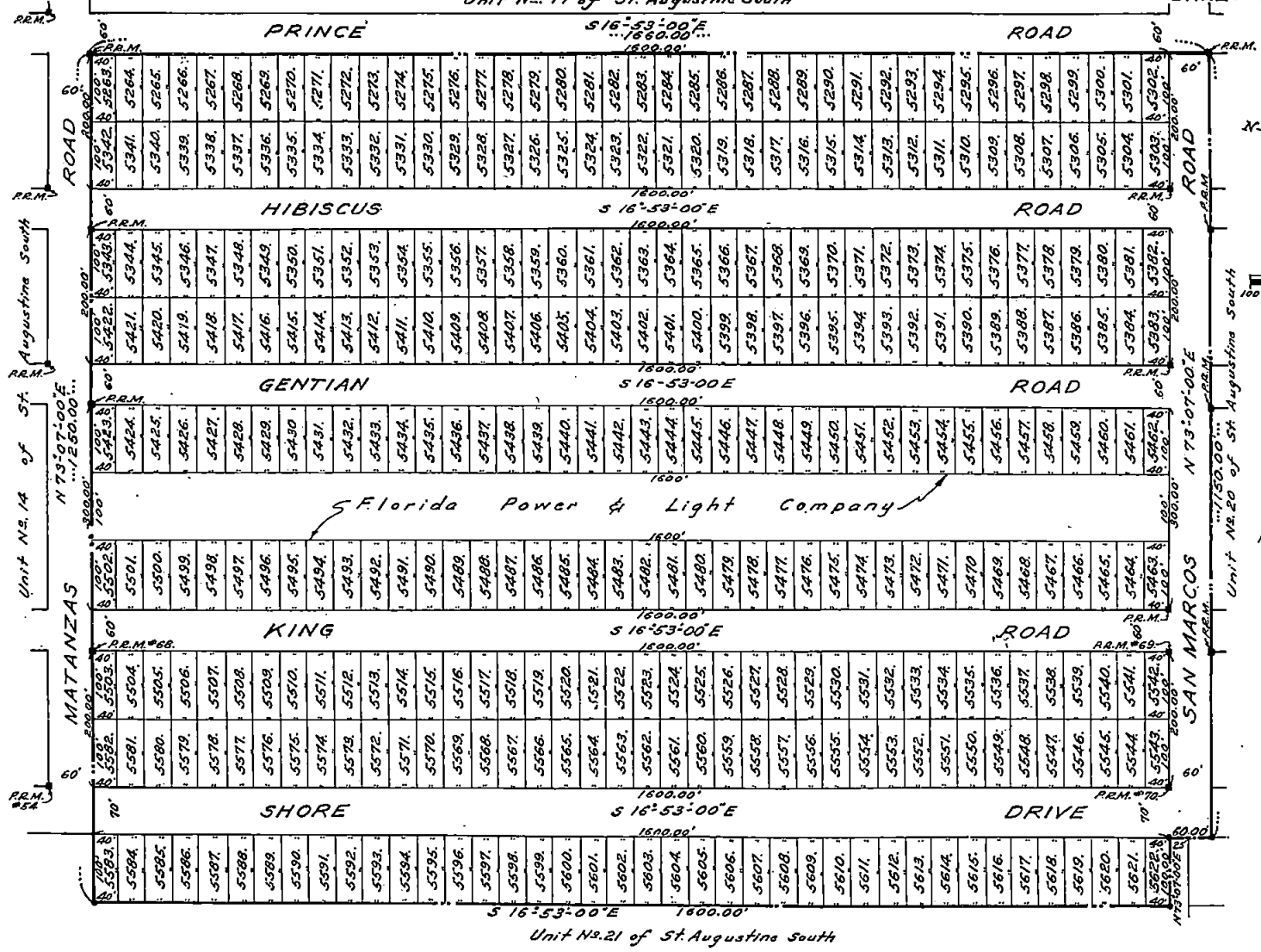
ST. JOHNS COUNTY - FLORIDA

UNIT No. 19.

MB. 8 P. 5.5

Unit No. 17 of St. Augustine South

SHEET 6 OF 9 SHEETS



PRM No.	COORDINATES	
	North	East
68.	31603.61	40998.10
69.	30072.58	41462.78
70.	30014.49	41271.40

Notes:
No dwelling to be erected on a plot of less than two lots.

ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

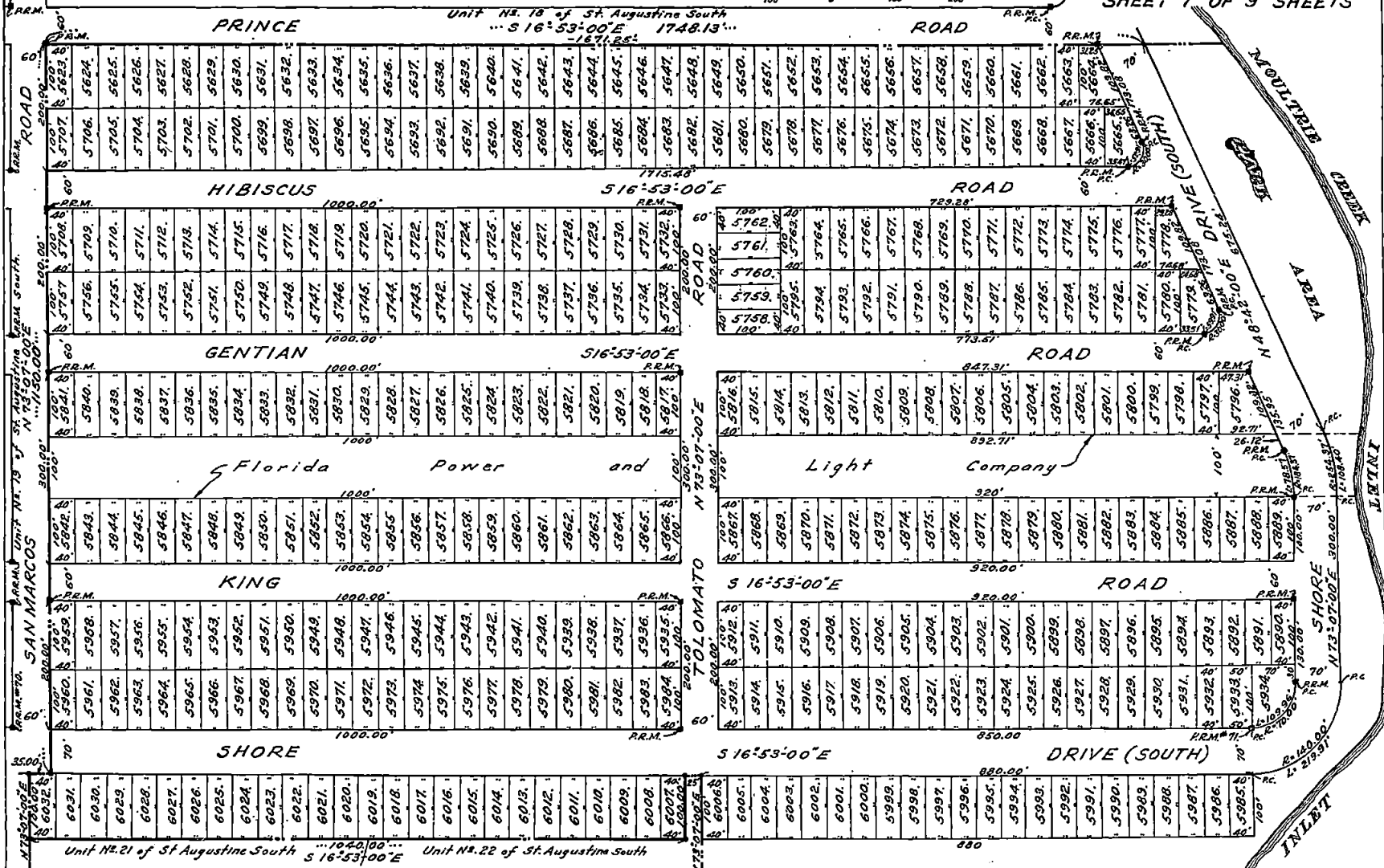
UNIT No. 20.

MB. 8 P. 56

SCALE: 1 INCH = 100 FEET.



SHEET 7 OF 9 SHEETS



PRM No.	COORDINATES
71.	North East
28129.40	41843.54

Notes:
No dwelling to be erected on a plot of less than two lots.

ST. AUGUSTINE SOUTH

ST. JOHNS COUNTY - FLORIDA.

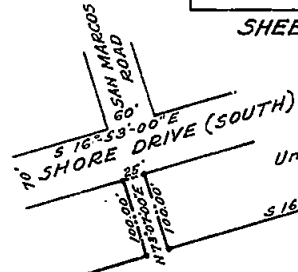
UNIT No. 21.

MB. 8 P.57

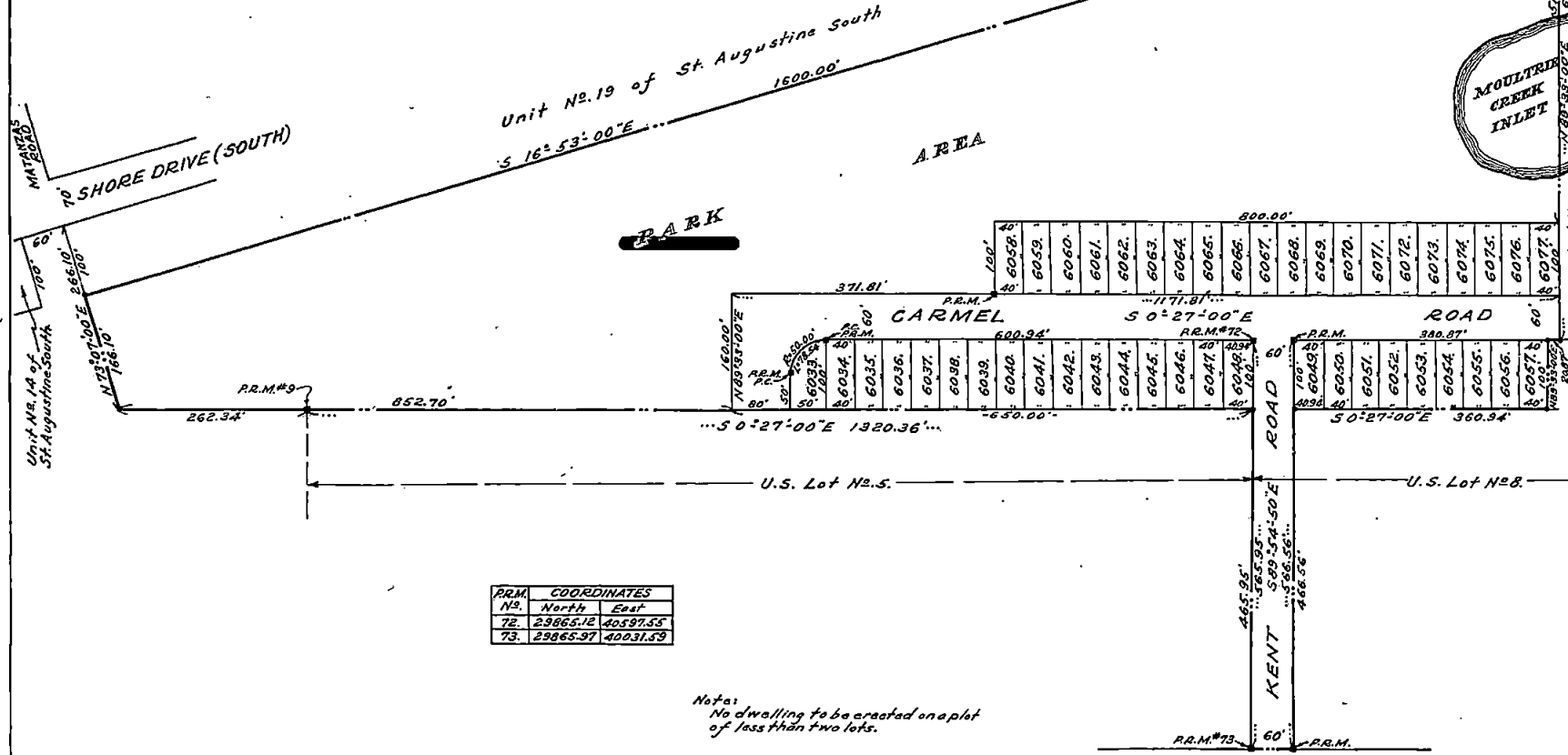
SHEET 8 OF 9 SHEETS



SCALE: 1 INCH = 100 FEET



Unit No. 20 of St. Augustine South
S 16° 53' 00\"/>



P.R.M. No.	COORDINATES	
	North	East
72.	23865.12	40397.55
73.	23865.97	40031.59

Note:
No dwelling to be created on a plot of less than two lots.

U.S. HIGHWAY No. 1.
→ To St. Augustine.

ST. AUGUSTINE, SOUTH

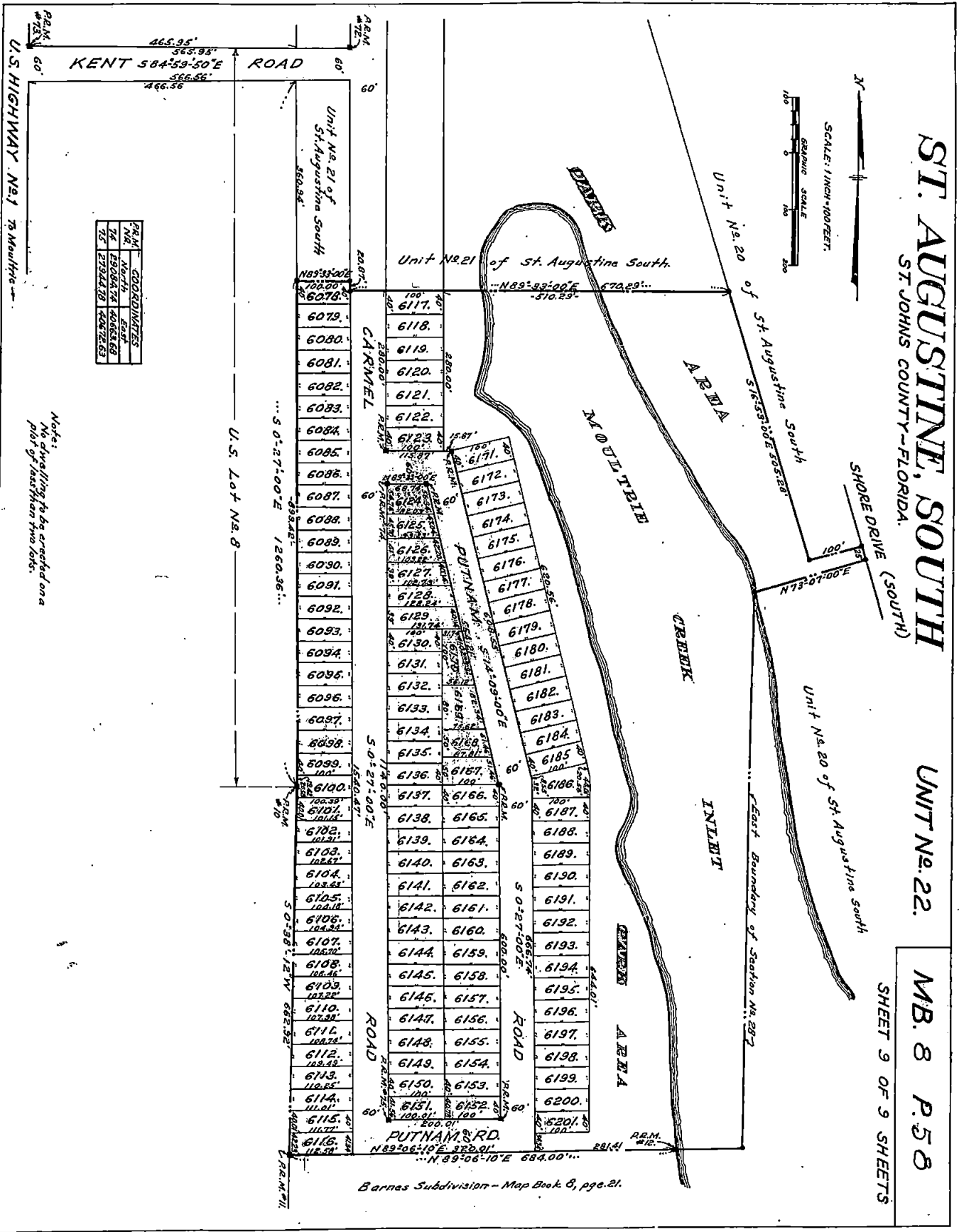
ST. JOHNS COUNTY - FLORIDA.

UNIT No. 22.

MB. 8 P. 58

SHEET 9 OF 9 SHEETS

SCALE: 1 INCH = 100 FEET.



PLAT	COORDINATES
NR	NORTH
WE	WEST
SE	SOUTH
NE	EAST

Note:
No dwelling to be erected on a plot of less than two lots.

Barnes Subdivision - Map Book 8, page 21.

ST. AUGUSTINE SOUTH

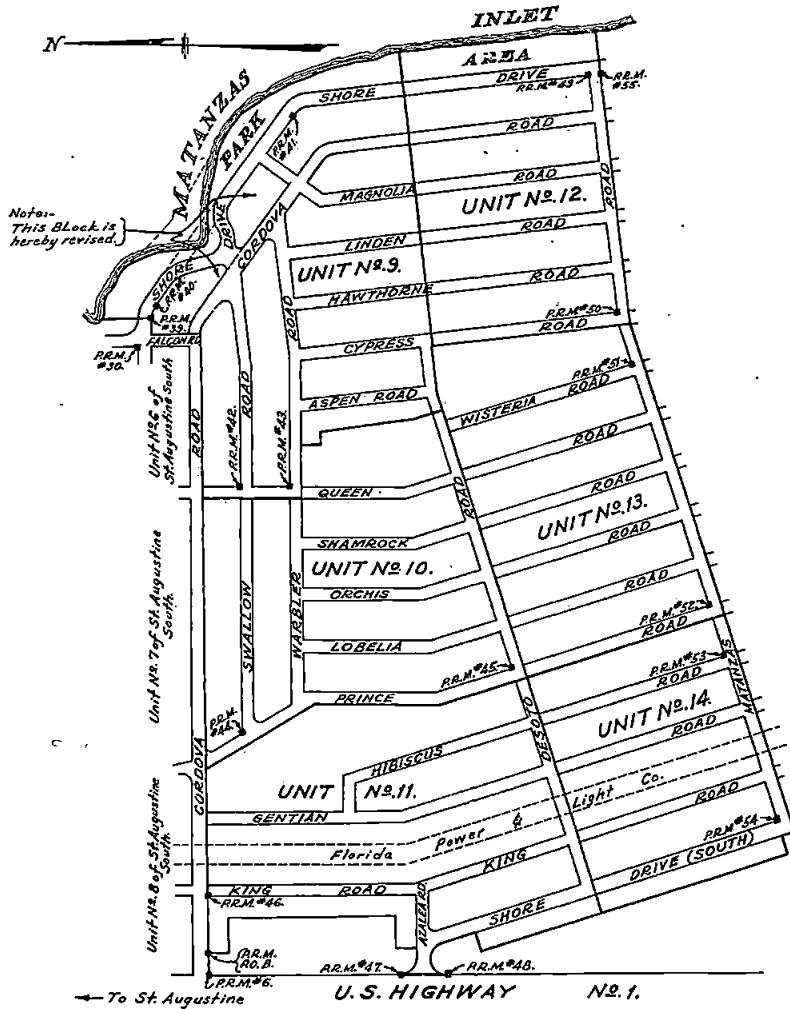
ST. JOHNS COUNTY - FLORIDA.

MB. 8 P. 62

SHEET 1 OF 2 SHEETS

DESCRIPTION

A Re-subdivision of Unit No. 9 of St. Augustine South as filed in Map Book No. 8, Page 44 on August 10, 1954. See Sheet No. 2.



Note:- This Block is hereby revised.

APPROVALS

Examined and approved this 8th day of March A.D. 1955 by the Board of County Commissioners of St. John's County, Florida.

Attest William J. Tamm Ex Officio Clerk Don F. Grickler Chairman

I hereby certify that this plan has been examined and that it complies in form with Chapter 10275, Laws of Florida of 1925, and is filed for record in Map Book No. 8, Page 62 of the public records of St. John's County, Florida, this 9th day of March A.D. 1955.

Clerk of Circuit Court William J. Tamm

SURVEYOR'S CERTIFICATION

This is to certify that this plat is a correct representation of the Lands surveyed, subdivided and described above, that the Permanent Reference Markers have been placed according to the Laws of the State of Florida, and that St. John's County zoning rules and regulations have been complied with.

Signed this 5th day of March A.D. 1955.

W. Frank Evans
Registered Surveyor No. 23, Florida

ADOPTION AND DEDICATION

This is to certify that W. Frank Evans and Willard Bleyer, as trustees for the Florida Speaks Corporation, a corporation under the Laws of the State of Florida, are the lawful owners of the lands described in the caption hereof, and have caused the same to be surveyed and subdivided, and this plat made in accordance with said survey is hereby adopted as the true and correct plat of said lands, and all roads, rights of ways, parks and easements are hereby and without reservation irrevocably dedicated to St. John's County and its successors.

In witness whereof we have hereunto set our hands and seals in the County of Sarasota, State of Florida, on the 28th day of February, 1955.

W. Frank Evans Witness Willard Bleyer Seal
Don F. Grickler Witness William J. Tamm Seal

State of Florida
County of Sarasota

NOTARIZATION

I hereby certify that on this day personally appeared before me, an officer duly qualified to administer oaths and take acknowledgments, W. Frank Evans and Willard Bleyer, who declared to me to be the persons described in, and who executed the foregoing instrument and that they did know the contents of the same and that they executed the same for the purposes expressed therein, and I am satisfied of the truth of their statements.

Witness my hand and official seal at Sarasota, in the County of Sarasota, State of Florida, this 28th day of February, A.D. 1955.

Notary Public
State of Florida
My Commission Expires

INDEX

SCALE: 1 INCH = 400 FEET

GRAPHIC SCALE



ST. AUGUSTINE SOUTH

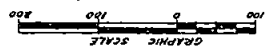
ST. JOHNS COUNTY - FLORIDA

RE-SUBDIVISION OF UNIT No. 9
A RE-SUBDIVISION OF UNITS
AS FILED IN MAP BOOK 8 PAGE 44
ON AUG. 10, 1954.

MB. 8 P. 63

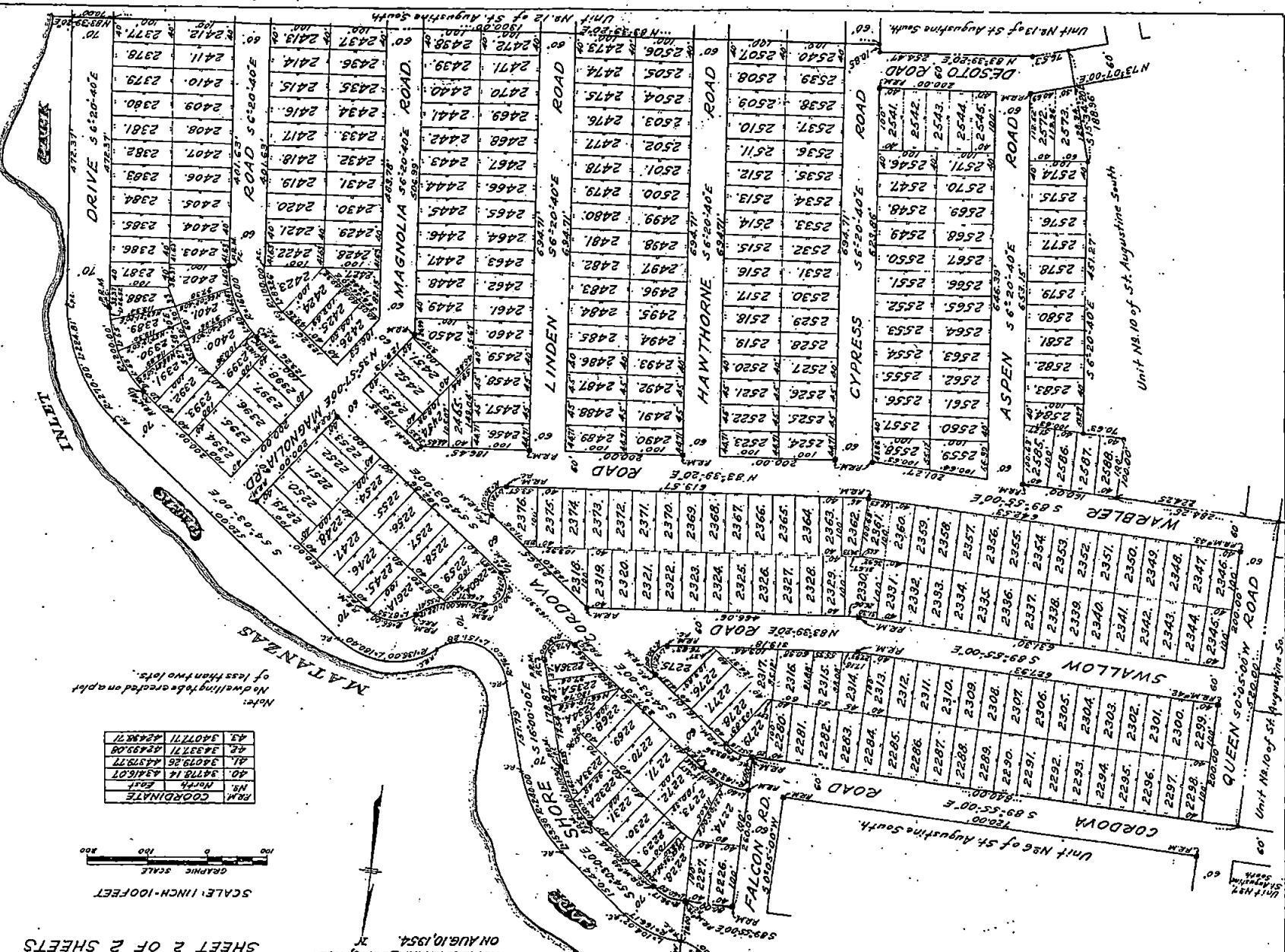
SHEET 2 OF 2 SHEETS

SCALE: 1 INCH = 100 FEET



RAM.	COORDINATE
49.	34077.14
50.	34078.14
51.	34079.26
52.	34080.08
53.	34081.11

Note:
No dwelling lots created on a plat
of less than two lots.



UNIT No. 7
St. Augustine South

UNIT No. 10 of St. Augustine South

UNIT No. 10 of St. Augustine South

UNIT No. 13 of St. Augustine South

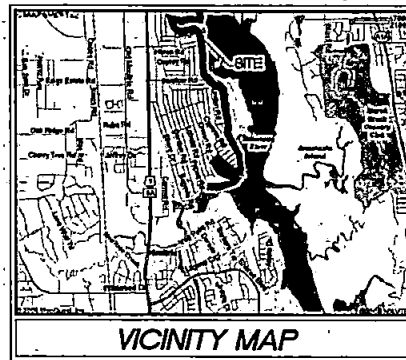
UNIT No. 12 of St. Augustine South

UNIT No. 11 of St. Augustine South

CONSTRUCTION PLANS FOR SHORE DRIVE TRAIL ST. JOHNS COUNTY, FLORIDA

GENERAL NOTES:

- A. NO TOPOGRAPHIC BOUNDARY SURVEY WAS AVAILABLE TO P&A CONSULTING ENGINEERS, INC. INCLUDING PROPERTY LINES, LEGAL DESCRIPTION, WETLAND FLAGGING, EXISTING UTILITIES & TREES, SITE TOPOGRAPHY WITH ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS.
- B. P & A CONSULTING ENGINEERS, INC. AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF THE AERIAL BASEMAP WITH GS LINEWORK OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM BASEMAP INACCURACIES.
- C. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER/ENGINEER OF ANY DISCREPANCIES BETWEEN THE BASEMAP AND FIELD VERIFICATION OF INFORMATION ABOVE OR BELOW GROUND THAT MAY BE CRITICAL TO THE DESIGN OF THIS PROJECT.
- D. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION OF THIS PROJECT.
- E. **WARRANTY/EXCLUSION:**
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER IS INVOLVED WITH THE PHYSICAL CONSTRUCTION ON AN ONGOING BASIS AT THE SITE.
- F. **SAFETY NOTICE TO CONTRACTORS:**
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.
- G. **CONSTRUCTION TESTING:**
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, TESTING, LABORATORY ANALYSES, REPORTS, COSTS, ETC., CONCERNING SOILS AND PAVEMENT RELATED DESIGN REQUIREMENTS AND SPECIFICATIONS AS SET FORTH IN THESE PLANS.
- H. **AS-BUILT SURVEY NOTE:**
UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS REQUIRED TO PROVIDE OWNER/ENGINEER WITH A SIGNED AND SEALED AS-BUILT SURVEY AND ANY OTHER RELATED CONSTRUCTION DOCUMENTS, IN ACCORDANCE WITH APPLICABLE PERMITTING AGENCY REQUIREMENTS, AS THE BASIS FOR PROJECT CERTIFICATIONS AND CLOSE-OUT.
- I. **RIGHT-OF-WAY:**
ANY AND ALL WORK CONDUCTED WITHIN THE ST. JOHNS COUNTY RIGHT-OF-WAYS MUST BE IN ACCORDANCE WITH THE ST. JOHNS COUNTY LAND DEVELOPMENT CODE.



N.T.S.

OWNER
ST. JOHNS COUNTY RECREATION AND PARKS
901 POPE ROAD
ST. AUGUSTINE, FL 32080
PHONE: (904) 209-0333

PREPARED BY:

P&A CONSULTING ENGINEERS, INC.
Civil Engineering & Environmental Services
TEL: 904-824-3755 • FAX: 904-824-3756
WEB: www.panda-engrs.com • E-mail: admin@panda-engrs.com
2808 North Fifth Street, Suite 501 • St. Augustine, FL 32084

SHEET INDEX:

1. COVER SHEET
2. GENERAL NOTES
- 3.-16. SITE PLANS
- 17.-19. DETAIL SHEETS

RESOURCE LIST:

ST. JOHNS COUNTY RECREATION & PARKS
901 POPE ROAD
ST. AUGUSTINE, FLORIDA 32080
(904) 209-0333
CONTACTS: TROY BLEVINS, PARKS
OPERATIONS MANAGER

ST. JOHNS COUNTY DEVELOPMENT SERVICES
4040 LEWIS SPEEDWAY
ST. AUGUSTINE, FLORIDA 32095
(904) 209-0692
CONTACT: JANE KEEGAN

SUBWARD
ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT - STORM WATER
7775 BAYMEADOWS WAY, SUITE 102
JACKSONVILLE, FLORIDA 32258
(904) 730-6270
CONTACT: LESLIE CORE

U.S. ARMY CORPS OF ENGINEERS
P.O. BOX 4970
JACKSONVILLE, FLORIDA 32232-0018
CONTACT: JON GRIFFIN

FLOOD CERTIFICATION:

THIS SITE IS SHOWN IN FLOOD ZONES "A7", "B" AND "C" AS DESIGNATED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 125147 0139 D, FOR ST. JOHNS COUNTY, FLORIDA, EFFECTIVE DATE: SEPTEMBER 18, 1985

CALL 48 HOURS BEFORE YOU DIG IN FLORIDA



1-800-432-4770
EXCERPT FROM THE CALL 48 HOURS BEFORE YOU DIG IN FLORIDA, INC.

PERMITS/APPROVALS	SUBMITTED	RECEIVED
ST. JOHNS COUNTY DRC		
ARMY CORPS OF ENGINEERS	9/29/06	10/10/06
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT		

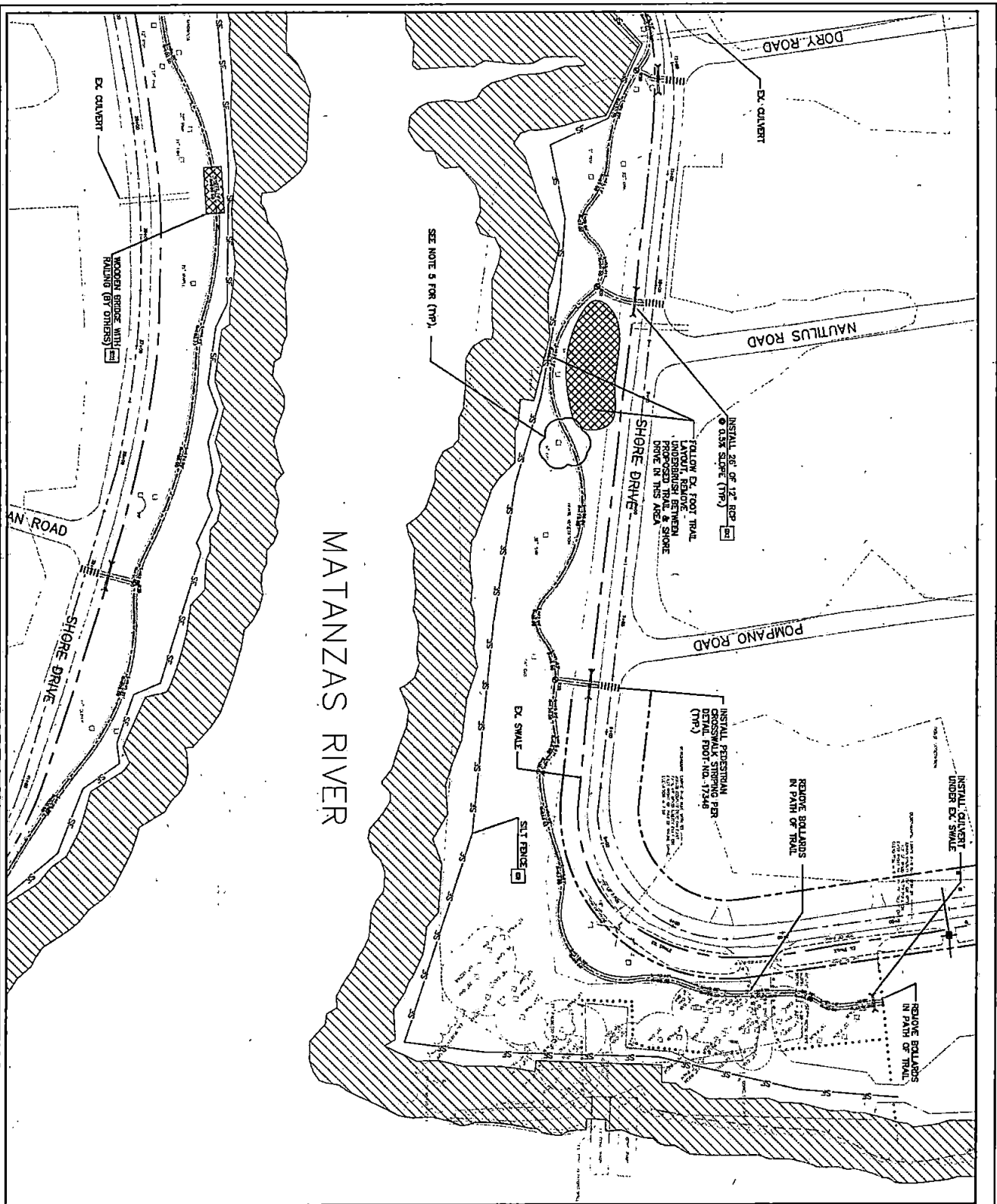
P&A CONSULTING ENGINEERS, INC.
Civil Engineering & Environmental Services
TEL: 904-824-3755 • FAX: 904-824-3756
WEB: www.panda-engrs.com • E-mail: admin@panda-engrs.com
2808 North Fifth Street, Suite 501 • St. Augustine, FL 32084

REVISED
DATE
BY

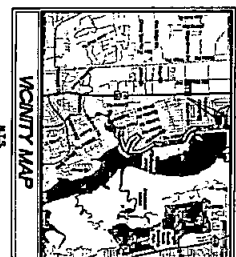
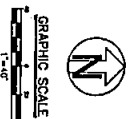
NO.	DATE	BY	REVISIONS/DESCRIPTION

COVER SHEET
SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA
PREPARED FOR
ST. JOHNS COUNTY RECREATION & PARKS

DATE PLOTTED	09/27
DATE PLOTTED	09/27
DATE PLOTTED	09/27
DATE PLOTTED	09-09-07
JOB NO.	10133
SHEET NO.	1 OF 19



MATANZAS RIVER



LOCAL MAP
 BTA 11400 TO 12450
 AND 34400 TO 41440

- EXISTING**
- EXISTING ROAD CENTERLINE
 - EXISTING DRIVE CENTERLINE
 - EXISTING DRIVE CENTERLINE
- PROPOSED**
- CENTERLINE OF ROADWAY
 - EDGE OF PARKING
 - HORIZONTAL CENTERLINE
 - SHOULDER AREA BATTER

GENERAL SITE NOTES

1. ALL SURVEYING SHALL BE TO DATE OF 1/1/00 UNLESS OTHERWISE SHOWN.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA BUILDING CODE AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
3. A DETAILED SITE PLAN SHALL BE SUBMITTED TO THE COUNTY ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION.
4. ALL UTILITIES SHALL BE DEPTH TESTED AND LOCATED PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE COUNTY ENGINEER AND OTHER AGENCIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES TO REMAIN.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES TO ORIGINAL OR BETTER CONDITION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE COUNTY ENGINEER AND OTHER AGENCIES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES TO REMAIN.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES TO ORIGINAL OR BETTER CONDITION.

NO.	DATE	DESCRIPTION	BY	APP.
1	05-08-07	ISSUE FOR PERMIT	JM	PL
2	05-08-07	ISSUE FOR PERMIT	JM	PL
3	05-08-07	ISSUE FOR PERMIT	JM	PL

SITE PLAN

SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA

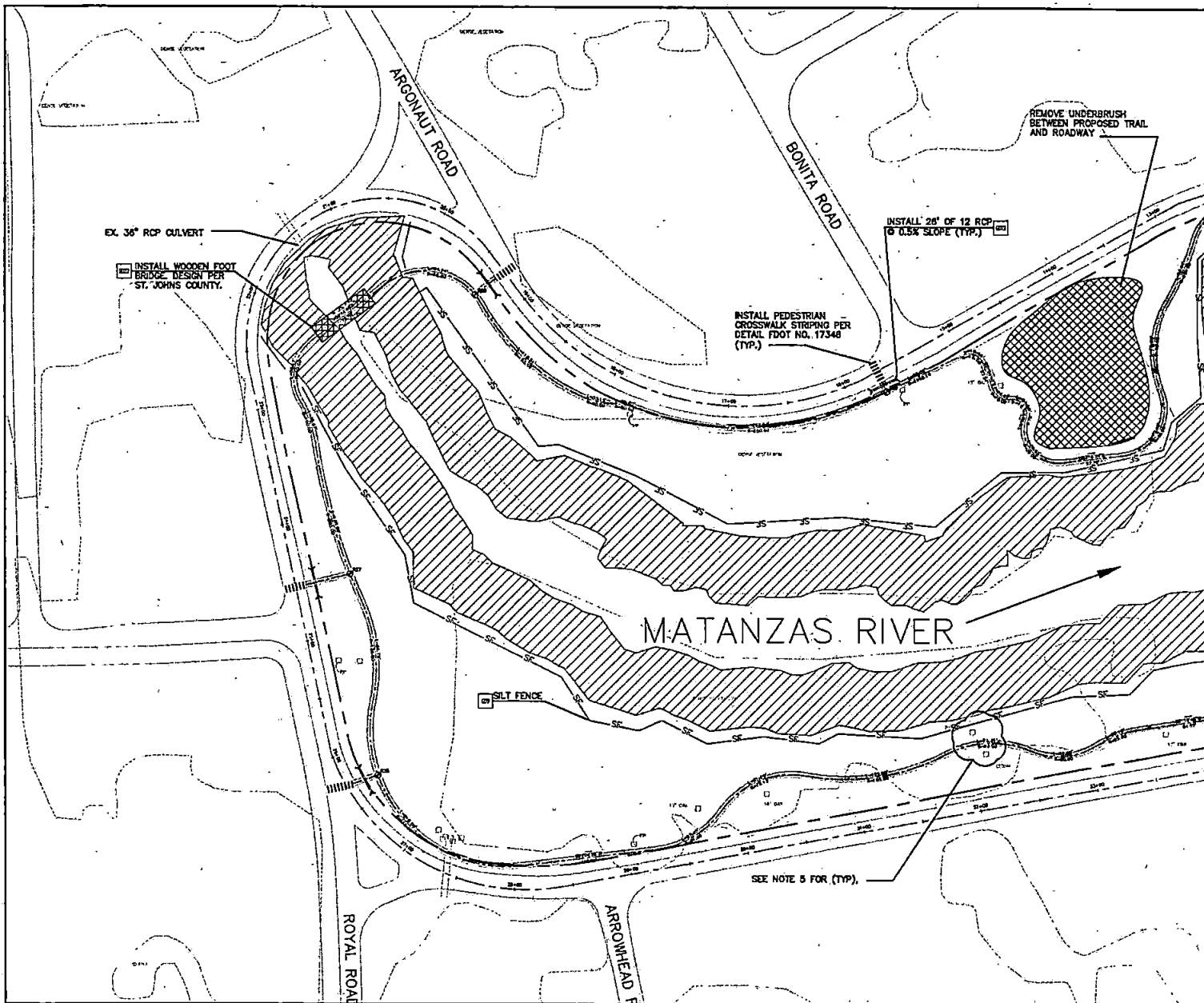
DESIGNED BY
P&A CONSULTING ENGINEERS, INC.

REVISIONS

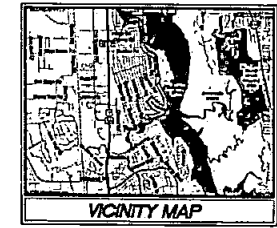
NO.	DATE	DESCRIPTION	BY	APP.

P&A CONSULTING ENGINEERS, INC.

Civil Engineering & Environmental Services
 TEL: 904-824-3755 • FAX: 904-824-3755
 WEB: www.panda-engr.com • E-mail: admin@panda-engr.com
 3808 North First Street - Suite 501 - Ft. Lauderdale, FL 33304



GRAPHIC SCALE
1"=40'



EXISTING
 ——— PROPERTY LINE
 - - - RIGHT OF WAY LINE
 - - - EXISTING GRADE CONTOUR

PROPOSED
 ——— CENTERLINE OF ROADWAY
 - - - EDGE OF PAVEMENT
 ○ HORIZONTAL CONTROL POINT
 [Hatched Area] SHORE LINE AREA BUFFER

GENERAL SITE NOTES
 1. ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVING UNLESS OTHERWISE SHOWN.
 2. CONSTRUCTION PLAN SHOWS LOCATIONS OF ALL EXISTING AREA FOR DEMONSTRATION PURPOSES ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF ITEMS IN THE FIELD PRIOR TO CONSTRUCTION.
 3. ADJUSTMENT FOR GEOMETRY OF TRAIL IS ALLOWED TO AVOID ANY CONFLICT. CONTRACTOR SHALL COORDINATE ANY CHANGES TO THE ENGINEER AND ST. JOHNS COUNTY, PARKS AND RECREATION.
 4. ST. JOHNS COUNTY DEVELOPMENT REVIEW INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO FINAL INSPECTION.
 5. PRUNE ALL BRANCHES OF EXISTING TREES TO PROVIDE MIN 8 FEET CLEARANCE OVER THE TRAIL.
 TRAIL CHARACTERISTICS TABLE
 TOTAL LENGTH = 18,583 FT
 TRAIL WIDTH = 8 FT
 SURFACE MATERIAL TYPE B-2 ASPHALTIC CONCRETE
 1" SUBGRADE COMPACTED TO 100% DENSITY
 NEAR ICE SLOPE SLICE AWAY FROM ROADWAY

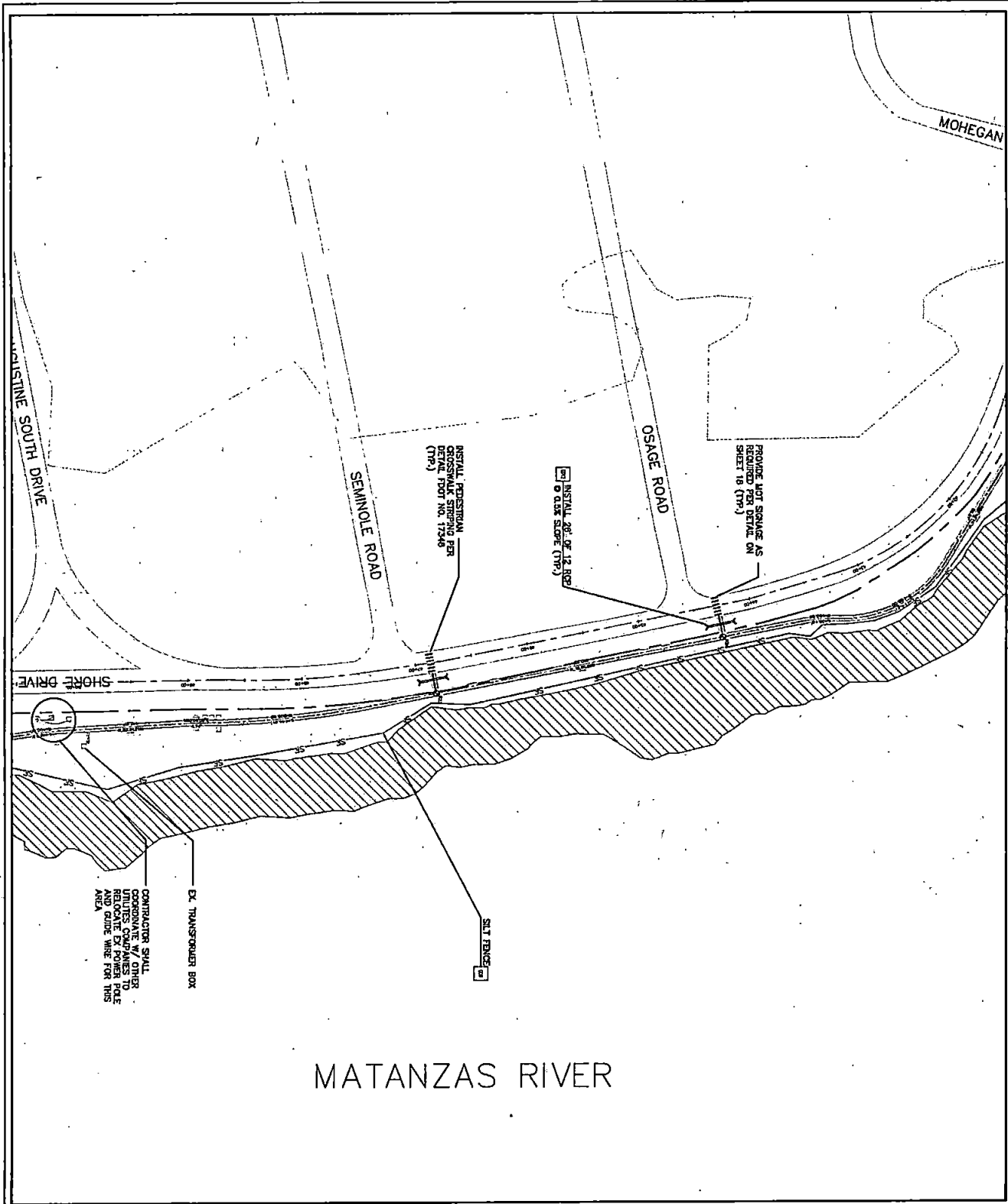
REFERENCE POINTS

R1	Northing = 188844.9233	Easting = 057172.8348
R2	Northing = 188860.7868	Easting = 057295.8703
R3	Northing = 189205.4948	Easting = 057394.8008
R4	Northing = 189272.1971	Easting = 057504.8020
R5	Northing = 189282.2714	Easting = 057594.8020
R6	Northing = 1900174.0090	Easting = 058078.1018
R7	Northing = 189826.5723	Easting = 058228.8857
R8	Northing = 189824.7847	Easting = 058339.1403
R9	Northing = 189888.0840	Easting = 058460.3309
R10	Northing = 189814.1873	Easting = 058536.4200
R11	Northing = 189888.0840	Easting = 058536.4200
R12	Northing = 2002704.8770	Easting = 058788.8414
R13	Northing = 2002648.8224	Easting = 058725.4032
R14	Northing = 2002638.1792	Easting = 058600.4294
R15	Northing = 2002701.8848	Easting = 058701.8417
R16	Northing = 2002702.0963	Easting = 058723.3715
R17	Northing = 2002728.0287	Easting = 058844.8433
R18	Northing = 2002831.9714	Easting = 058724.0390
R19	Northing = 2002817.2308	Easting = 058704.8127
R20	Northing = 2003082.4281	Easting = 058211.8120
R21	Northing = 2004132.2213	Easting = 057874.8818
R22	Northing = 2004077.2300	Easting = 057943.7229
R23	Northing = 2004132.2213	Easting = 057874.8818
R24	Northing = 2004132.2213	Easting = 057874.8818
R25	Northing = 2004132.2213	Easting = 057874.8818
R26	Northing = 2004132.2213	Easting = 057874.8818
R27	Northing = 2004132.2213	Easting = 057874.8818
R28	Northing = 2004132.2213	Easting = 057874.8818
R29	Northing = 2004132.2213	Easting = 057874.8818
R30	Northing = 2004132.2213	Easting = 057874.8818
R31	Northing = 2004132.2213	Easting = 057874.8818
R32	Northing = 2004132.2213	Easting = 057874.8818

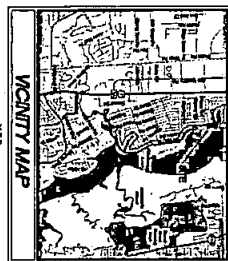
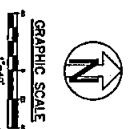
P&A CONSULTING ENGINEERS, INC.
 Civil Engineering & Environmental Services
 TEL: 904-824-3755 • FAX: 904-824-3756
 WEB: www.panda-engine.com • E-mail: admin@panda-engine.com
 2808 North 15th Street, Suite 301 • St. Augustine, FL 32084

SHORE DRIVE TRAIL
 ST. JOHNS COUNTY, FLORIDA
 ST. JOHNS COUNTY RECREATION & PARKS

DATE: 03-05-07
 DRAWN BY: QJM
 CHECKED BY: QJM
 SHEET NO. 4 OF 10



MATANZAS RIVER



STA 4100 TO 60454

- EXISTING**
- PROPERTY LINE
 - POINT OF VIEW LINE
 - EXISTING ROAD CENTER
- PROPOSED**
- CENTRALISE OF ROADWAY
 - EDGE OF PAVEMENT
 - RESPECTIVE CONTROL POINT
 - SLOPE LINE DATA BARS

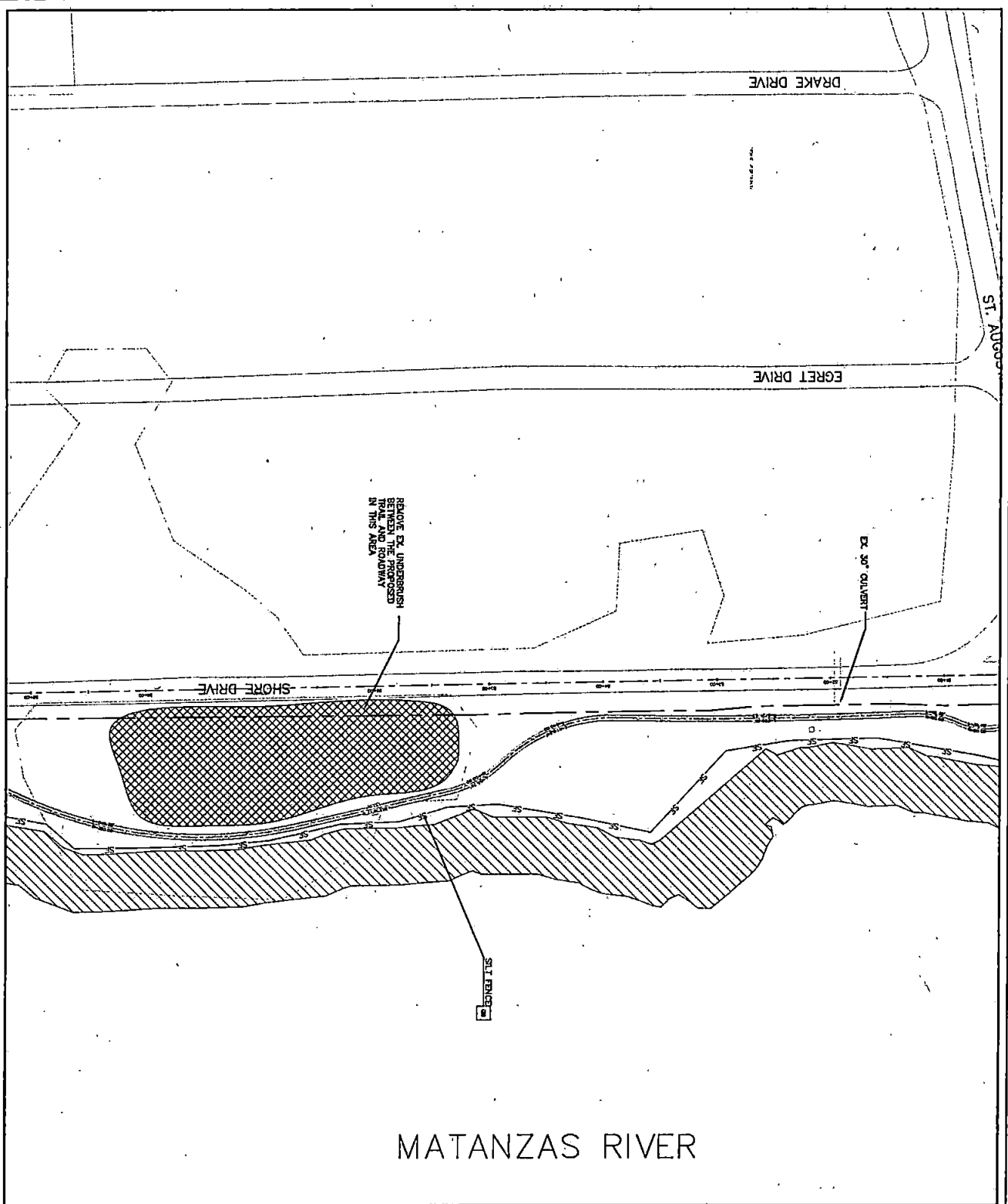
GENERAL SITE NOTES

1. ALL DIMENSIONS SHOWN ARE TO FACE UNLESS OTHERWISE NOTED.
2. CONSTRUCTION SHALL BE ACCORDING TO THE LATEST EDITIONS OF ALL APPLICABLE SPECIFICATIONS AND STANDARDS OF THE STATE OF FLORIDA AND THE FEDERAL HIGHWAY ADMINISTRATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

DIFFERENCE POINTS

POINT NO.	DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
10	...
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<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DR/APP</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	DESCRIPTION	DR/APP																					<p>SITE PLAN</p> <p>SHORE DRIVE TRAIL ST. JOHNS COUNTY, FLORIDA</p> <p>ST. JOHNS COUNTY RECREATION & PARKS</p>	<p>MAY 14 2007</p> <p>LOCKWOOD ENGINEER QUINN H. JAIN P. 041000-046321</p>	<p>P&A CONSULTING ENGINEERS, INC.</p> <p>Civil Engineering & Environmental Services TEL: 904-824-3755 • FAX: 904-824-3756 WEB: www.panda-engr.com • E-mail: edmin@panda-engr.com 2608 North Fifth Street, Suite 501, St. Augustine, FL 32084</p>
NO.	DATE	DESCRIPTION	DR/APP																								



MATANZAS RIVER

GENERAL SITE NOTES

1. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.
2. CONSTRUCTION SHALL BE ACCORDING TO THE LATEST EDITION OF ALL APPLICABLE CODES AND REGULATIONS.
3. ALL UTILITIES SHALL BE DEPTH LOCATED AND SHOWN ON THIS PLAN.
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PROPOSED

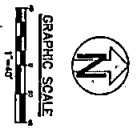
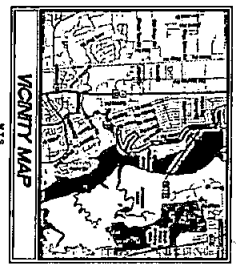
- CONCRETE OF BRIDGE
- EDGE OF ROADWAY
- HORIZONTAL CONTROL POINT
- SHORE LINE ADJACENT WATER

EXISTING

- PROPERTY LINE
- RIGHT OF WAY LINE
- EXISTING DRAIN CATCHMENT

GENERAL SITE NOTES

1. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.
2. CONSTRUCTION SHALL BE ACCORDING TO THE LATEST EDITION OF ALL APPLICABLE CODES AND REGULATIONS.
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NO.	DATE	REVISIONS	DESCRIPTION	DR/APP

SITE PLAN

SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA

PREPARED FOR

DATE: / /

DRAWN BY:

CHECKED BY:

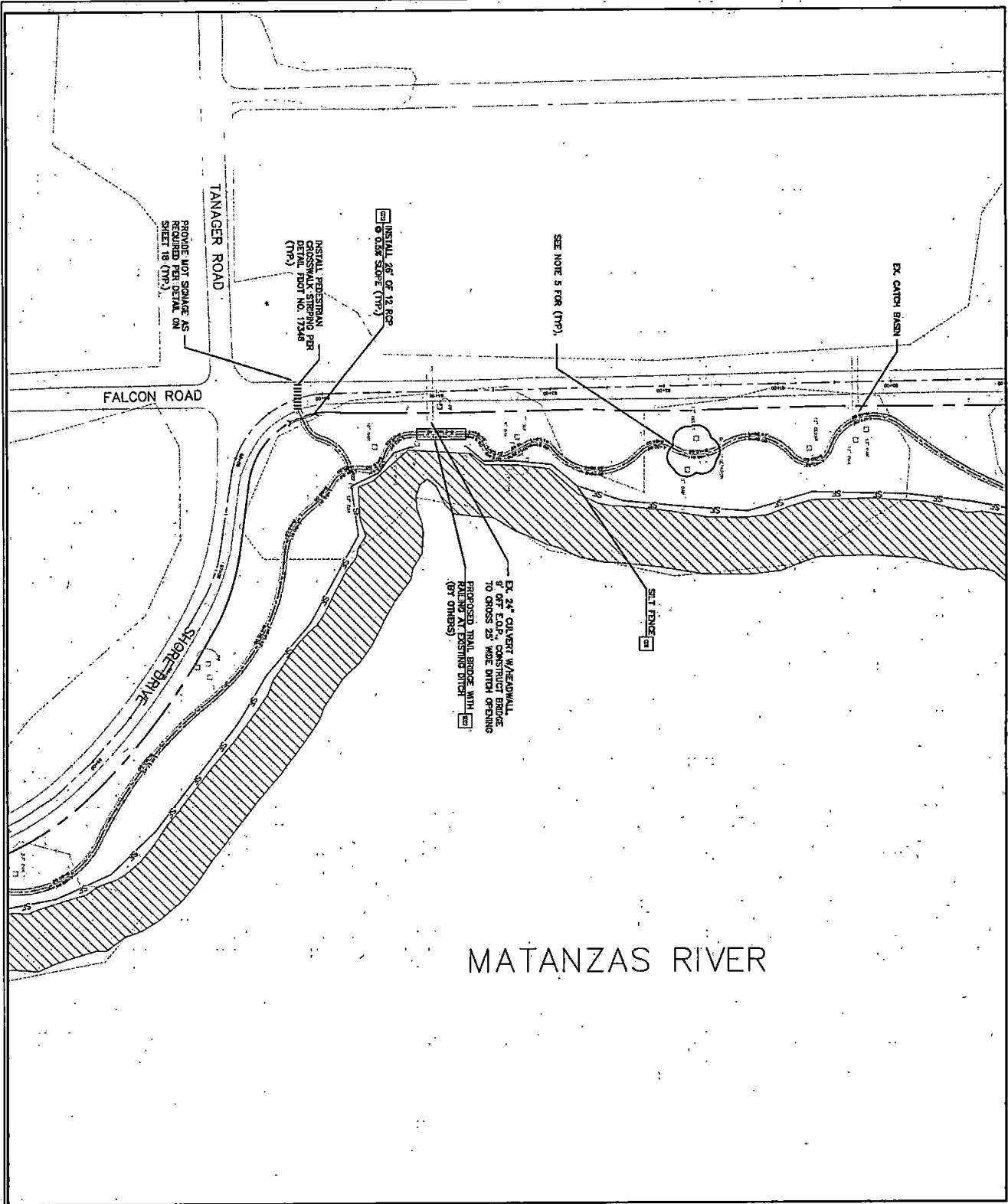
APPROVED BY:

P&A CONSULTING ENGINEERS, INC.

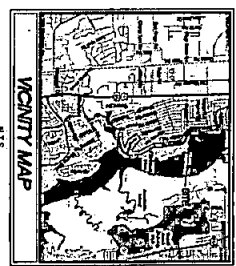
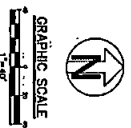
Civil Engineering & Environmental Services

TEL: 904-824-3755 • FAX: 904-824-3756

WEB: www.panda-engr.com • E-mail: ceim@panda-engr.com



MATANZAS RIVER



BTA 59+00 TO 79+00

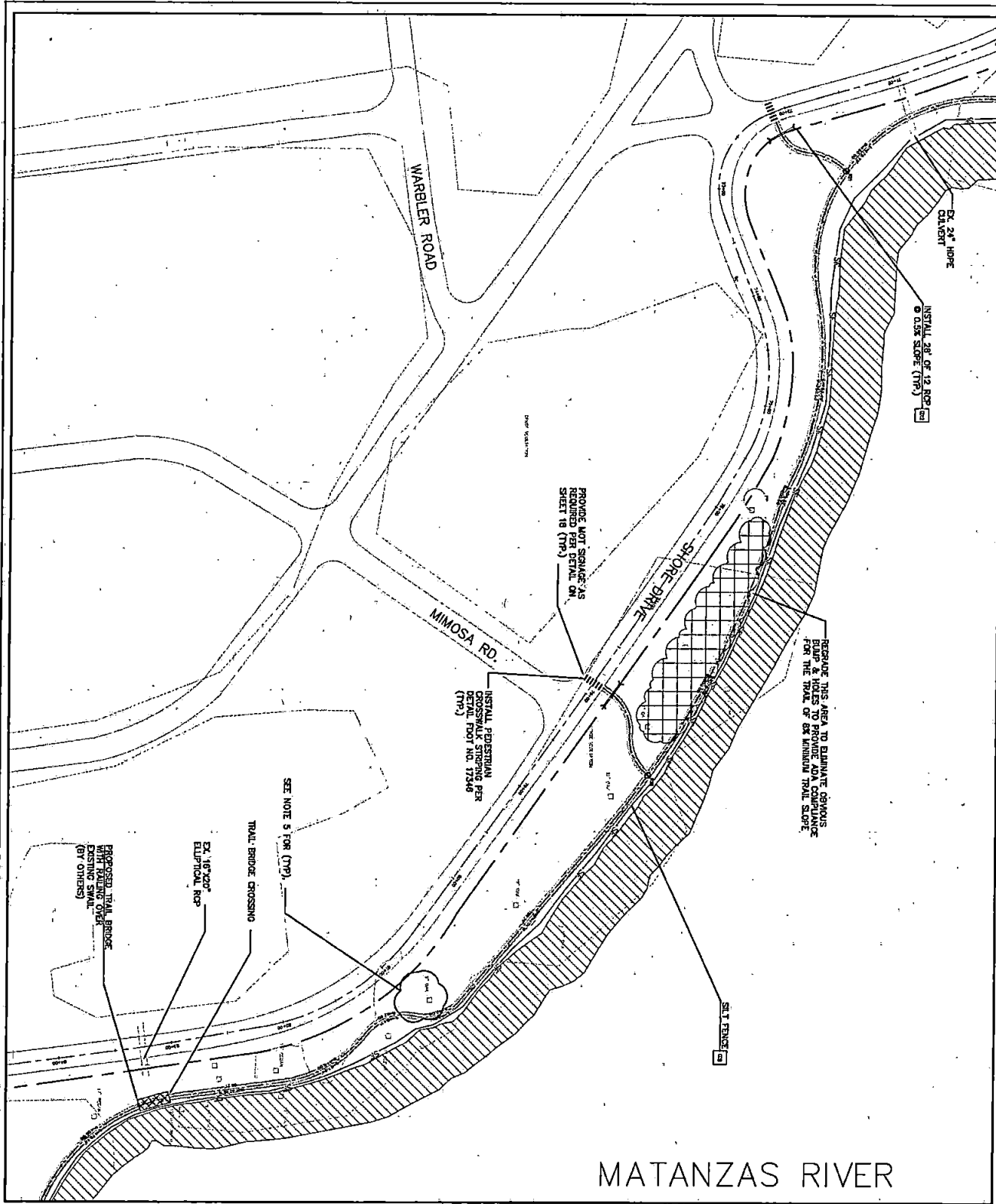
- EXISTING**
- PROPERTY LINE
 - WALL OF EX. UTILITY
 - EXISTING DRAIN CHANNEL
- PROPOSED**
- CONTOUR OF BOUNDARY
 - EDGE OF PAVEMENT
 - HORIZONTAL CURVE POINT
 - SHOULDER LINE AND BARRIERS

GENERAL SITE NOTES

1. ALL UTILITIES SHOWN ARE TO BE DEEPER THAN THE PROPOSED TRAIL.
2. CONSTRUCTION IS TO BE ACCORDING TO THE SPECIFICATIONS OF ALL APPLICABLE AASHTO AND STATE DEPARTMENT OF TRANSPORTATION MANUALS AND SPECIFICATIONS.
3. ALL UTILITIES TO BE DEEPER THAN THE PROPOSED TRAIL.
4. ALL UTILITIES TO BE DEEPER THAN THE PROPOSED TRAIL.
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10. ALL UTILITIES TO BE DEEPER THAN THE PROPOSED TRAIL.

NO.	DESCRIPTION	DATE	BY	CHKD.
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3	ISSUED FOR PERMIT	05/14/2007	JL	ML
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7	ISSUED FOR PERMIT	05/14/2007	JL	ML
8	ISSUED FOR PERMIT	05/14/2007	JL	ML
9	ISSUED FOR PERMIT	05/14/2007	JL	ML
10	ISSUED FOR PERMIT	05/14/2007	JL	ML

<p>SITE PLAN</p> <p>SHORE DRIVE TRAIL ST. JOHNS COUNTY, FLORIDA</p> <p>PREPARED FOR ST. JOHNS COUNTY RECREATION & PARKS</p>		<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DR/APP</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	DR/APP													<p>MAY 14 2007</p> <p>WORKSHEET</p> <p>05/05 14 448</p> <p>FL 04009 CA2321</p>	<p>P&A CONSULTING ENGINEERS, INC.</p> <p>Civil Engineering & Environmental Services</p> <p>TEL: 904-824-3755 • FAX: 904-824-3756</p> <p>WEB: www.panda-engr.com • E-mail: admin@panda-engr.com</p> <p>2808 North Fifth Street, Suite 501 • St. Augustine, FL 32084</p>
NO.	DATE	DESCRIPTION	DR/APP																	



MATANZAS RIVER

EXISTING

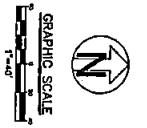
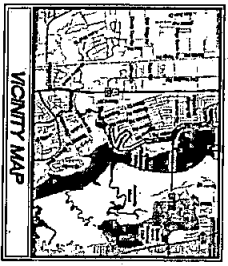
1	EXISTING TRAIL
2	EXISTING ROAD
3	EXISTING FENCE
4	EXISTING UTILITY
5	EXISTING STRUCTURE
6	EXISTING VEGETATION
7	EXISTING WATER
8	EXISTING EROSION
9	EXISTING SLOPE
10	EXISTING CURB
11	EXISTING DRIVEWAY
12	EXISTING SIDEWALK
13	EXISTING CONCRET
14	EXISTING ASPHALT
15	EXISTING GRAVEL
16	EXISTING SAND
17	EXISTING SOIL
18	EXISTING ROCK
19	EXISTING TREE
20	EXISTING SHRUB
21	EXISTING HERB
22	EXISTING FLOW
23	EXISTING WIND
24	EXISTING SUN
25	EXISTING MOON
26	EXISTING STAR
27	EXISTING PLANET
28	EXISTING GALAXY
29	EXISTING UNIVERSE
30	EXISTING GOD
31	EXISTING DEVIL
32	EXISTING ANGEL
33	EXISTING DEMON
34	EXISTING SPIRIT
35	EXISTING GHOST
36	EXISTING PHANTOM
37	EXISTING Wraith
38	EXISTING Shade
39	EXISTING Shade
40	EXISTING Shade

GENERAL SITE NOTES

1. ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF ALL APPLICABLE CODES AND REGULATIONS.
3. ALL UTILITIES SHALL BE DEPTH LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
4. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
7. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
9. ALL UTILITIES SHALL BE DEPTH LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
10. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
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13. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.

PROPOSED

- 1. SHORE DRIVE TRAIL
- 2. TRAIL BRIDGE CROSSING
- 3. PEDESTRIAN CROSSING
- 4. TRAIL AREA
- 5. TRAIL FENCE
- 6. TRAIL SIGNAGE
- 7. TRAIL LIGHTING
- 8. TRAIL UTILITY
- 9. TRAIL STRUCTURE
- 10. TRAIL VEGETATION
- 11. TRAIL WATER
- 12. TRAIL EROSION
- 13. TRAIL CURB
- 14. TRAIL DRIVEWAY
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- 40. TRAIL Wraith
- 41. TRAIL Shade
- 42. TRAIL Shade
- 43. TRAIL Shade



SITE PLAN	
SHORE DRIVE TRAIL ST. JOHNS COUNTY, FLORIDA	
PREPARED FOR ST. JOHNS COUNTY RECREATION & PARKS	
DATE: 05-06-07	SCALE: 1/4" = 1'-0"
PROJECT NO: 07-07-10	DESIGNER: P&A CONSULTING ENGINEERS, INC.

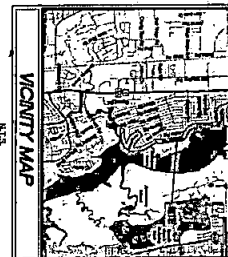
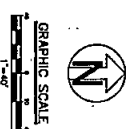
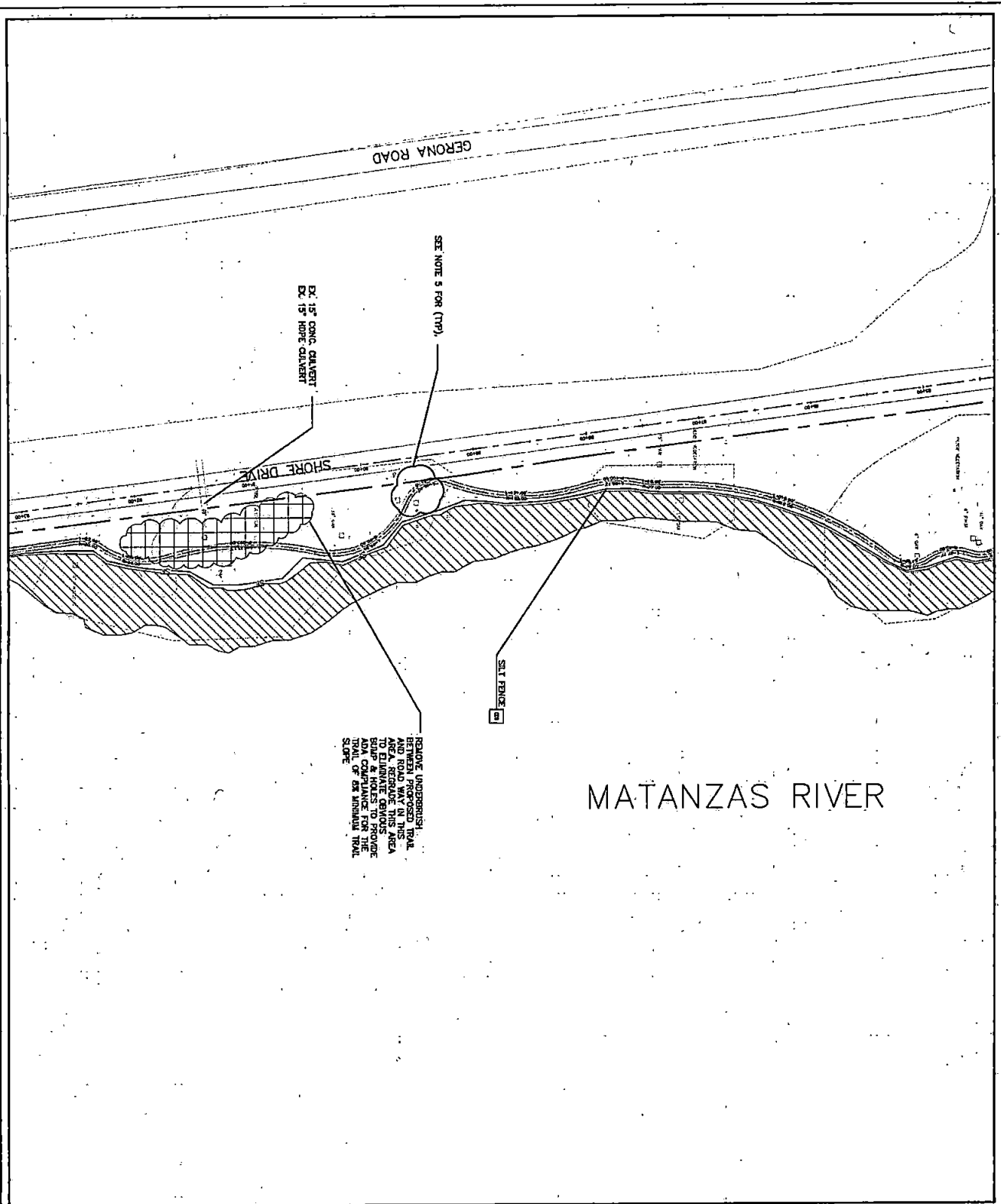
NO.	DATE	DESCRIPTION	BY/APP

P&A CONSULTING ENGINEERS, INC.

15252
MAY 14 2007

REGISTERED ENGINEER
QUOC H. MAJ
FL #4008 CA9521

Civil Engineering & Environmental Services
TEL: 904-824-3755 • FAX: 904-824-3756
WEB: www.panda-engrs.com • E-mail: admin@panda-engrs.com
2808 North Fifth Street, Suite 501, St. Augustine, FL 32084



- EXISTING**
- PROPERTY LINE
 - BOUNDARY LINE
 - EXISTING DRIVE CENTERLINE
- PROPOSED**
- GENERATOR OF SOUNDWAVE
 - EXISTING OF PARKWAY
 - INDICATED CONTROL POINT
 - SHORE LINE AND BARRIER

GENERAL SITE NOTES

- ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING DRIVE CENTERLINE UNLESS OTHERWISE NOTED.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ST. JOHNS COUNTY RECREATION & PARKS DESIGN MANUAL.
- A JUSTIFICATION FOR THE CENTERLINE OF TRAIL IS ALREADY ON FILE WITH THE CITY OF ST. JOHNS COUNTY RECREATION & PARKS.
- THE CITY OF ST. JOHNS COUNTY RECREATION & PARKS HAS REVIEWED THIS PLAN AND APPROVES THE CONSTRUCTION OF THE TRAIL.
- REMOVE ALL BRANCHES OF EXISTING TREES TO PROVIDE 8' MIN. CLEARANCE OVER THE TRAIL.
- USE APPROPRIATE SLOPE.

NO.	DATE	DESCRIPTION	DR/APP
1	05-02-07	ISSUED FOR PERMIT	JKL
2	05-02-07	ISSUED FOR PERMIT	JKL
3	05-02-07	ISSUED FOR PERMIT	JKL
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100	05-02-07	ISSUED FOR PERMIT	JKL

SITE PLAN
SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA
PREPARED FOR
ST. JOHNS COUNTY RECREATION & PARKS

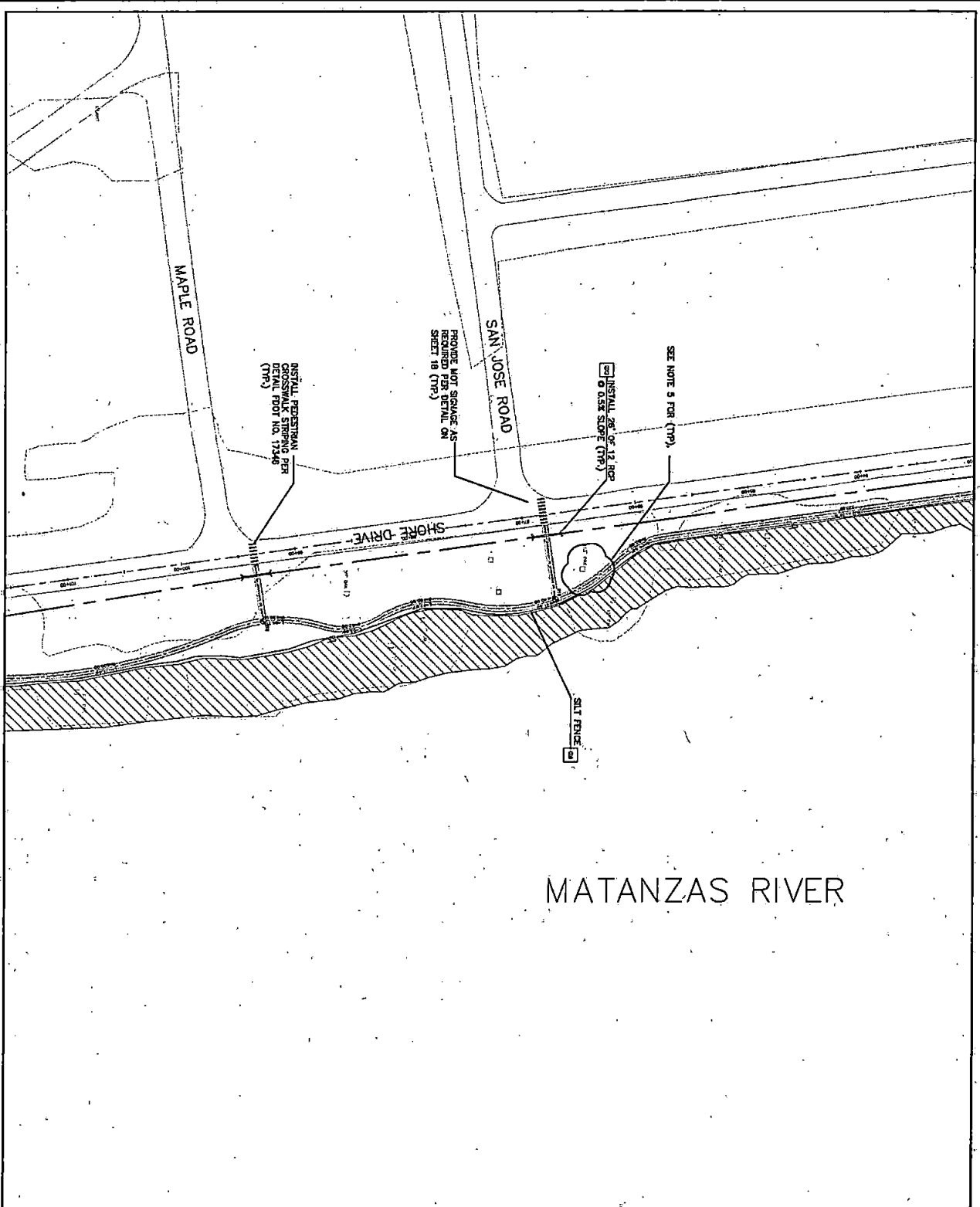
REVISIONS

NO.	DATE	DESCRIPTION	DR/APP

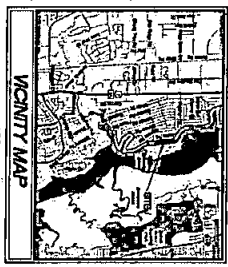
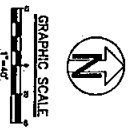
P&A CONSULTING ENGINEERS, INC.
Civil Engineering & Environmental Services
TEL: 904-824-3755 • FAX: 904-824-3756
WEB: www.pando-enr.com • E-mail: admin@pando-enr.com
2638 North Fifth Street, Suite 501 • St. Augustine, FL 32084

MAY 14 2007

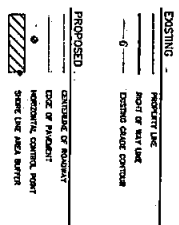
PROJECT NO. 07-02-07
BLOCK N. 114
FL 84006 CA65321



MATANZAS RIVER



STA 93+00 TO 101+55



GENERAL SITE NOTES

1. ALL DIMENSIONS SHOWN ARE TO EDGE OF FINISH UNLESS OTHERWISE SHOWN.
2. EXISTING UTILITIES ARE TO BE MAINTAINED UNLESS OTHERWISE SHOWN.
3. ADJUSTMENT FOR SETBACK OF TRAIL, IS ALLOWED TO OCCUR TO MAINTAIN EXISTING UTILITIES.
4. ALL UTILITIES TO BE MAINTAINED AND PROTECTED AS SHOWN ON THIS PLAN.
5. ALL UTILITIES TO BE MAINTAINED AND PROTECTED AS SHOWN ON THIS PLAN.
6. ALL UTILITIES TO BE MAINTAINED AND PROTECTED AS SHOWN ON THIS PLAN.

DATE: 05/14/07
DRAWN BY: JLD/ST
CHECKED BY: JLD/ST
SCALE: AS SHOWN

NO.	DATE	DESCRIPTION	BY	APP.
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49	05-14-07	ISSUED FOR PERMIT	JLD	ST
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SITE PLAN

SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA

PREPARED FOR
ST. JOHNS COUNTY RECREATION & PARKS

REVISIONS

NO.	DATE	DESCRIPTION	BY	APP.

DATE: MAY 14, 2007

DESIGNED BY: JLD/ST

CHECKED BY: JLD/ST

SCALE: AS SHOWN

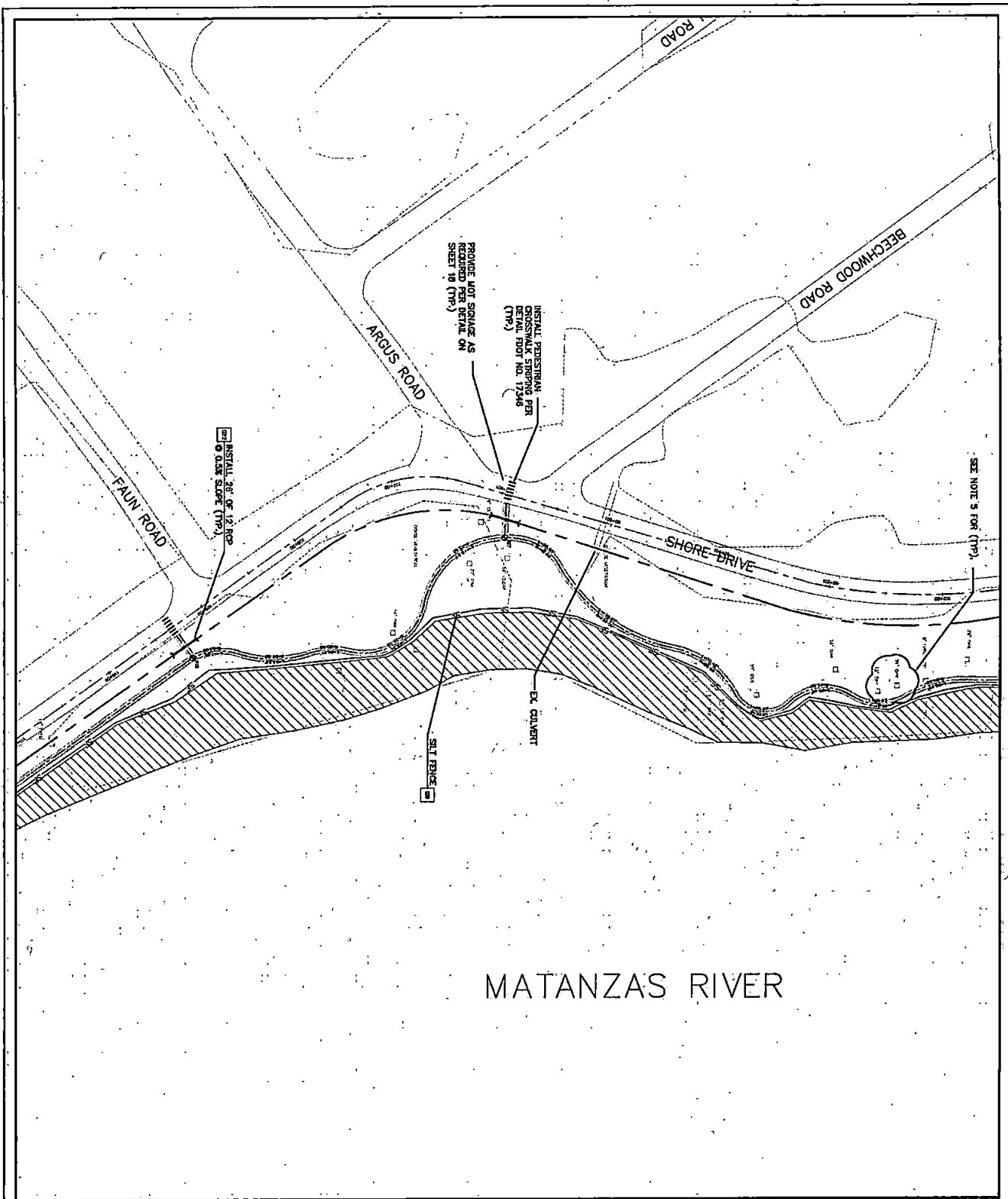
P&A CONSULTING ENGINEERS, INC.

Civil Engineering & Environmental Services

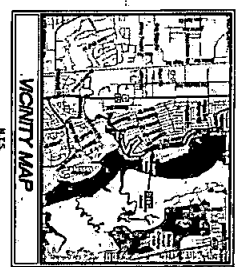
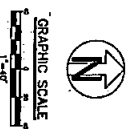
TEL: 904-824-3755 • FAX: 904-824-3756

WEB: www.panda-engrs.com • E-mail: admin@panda-engrs.com

2838 North 77th Street, Suite 501, St. Augustine, FL 32084



MATANZAS RIVER



- EXISTING**
- PROPERTY LINE
 - BOUNDARY LINE
 - EXISTING ROAD CENTERLINE
- PROPOSED**
- BOUNDARY OF RESUBDIVISION
 - LINE OF PROPOSED
 - PROPOSED TRAIL CENTERLINE
 - SHORELINE
 - SHORELINE

GENERAL SITE NOTES

1. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
2. CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
3. A 10' WIDE BUFFER ZONE SHALL BE MAINTAINED BETWEEN THE TRAIL CENTERLINE AND THE EXISTING ROAD CENTERLINE.
4. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
5. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
6. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
7. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
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9. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.
10. ALL CONSTRUCTION SHALL BE TO THE RIGHT OF EXISTING TRAIL CENTERLINE UNLESS OTHERWISE NOTED.

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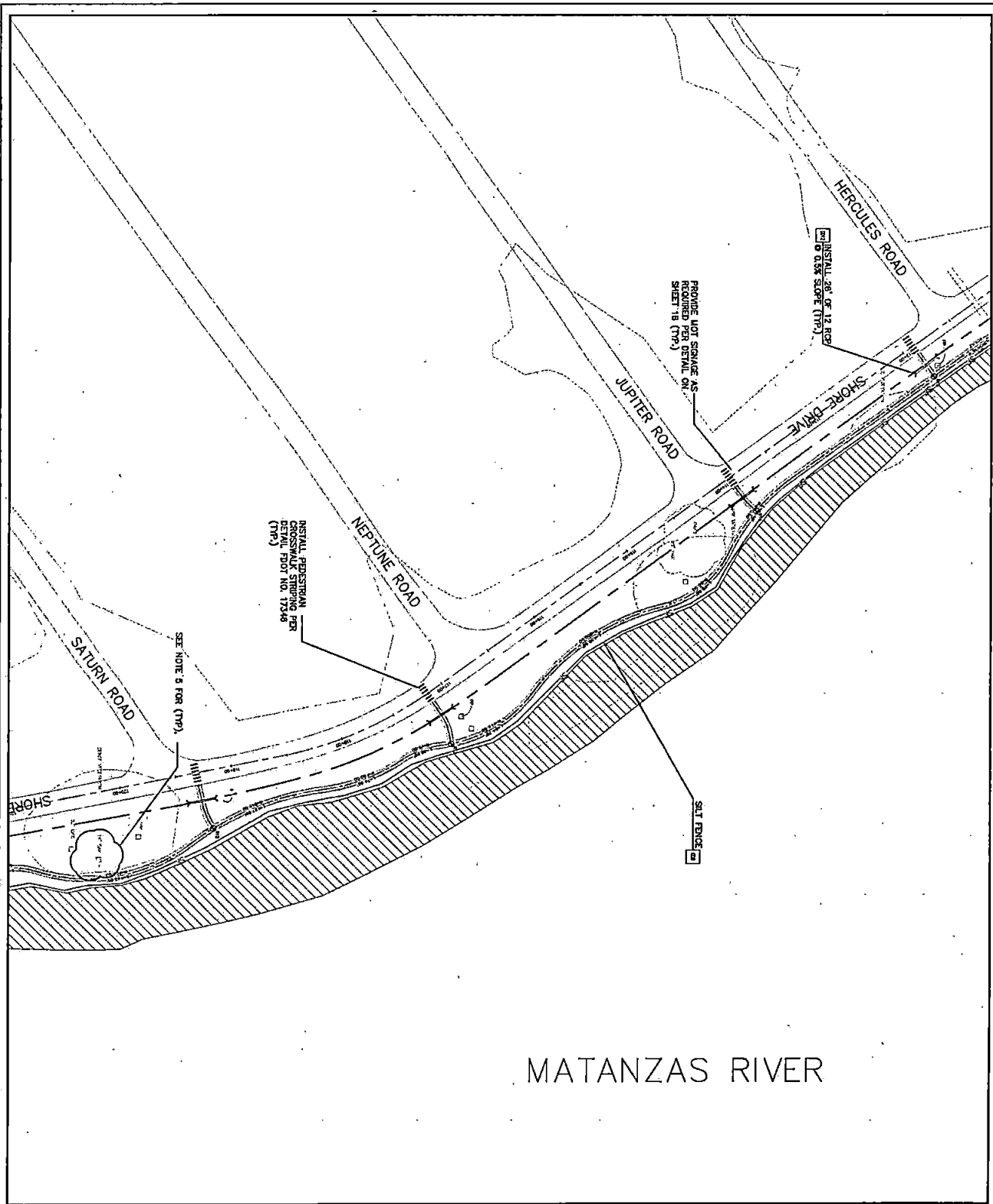
SITE PLAN
SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA
 PREPARED FOR
ST. JOHNS COUNTY RECREATION & PARKS

REVISIONS

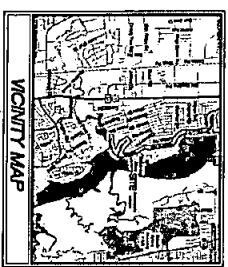
NO.	DATE	DESCRIPTION	BY	APP.

MAY 14 2011
 URS CORP.
 2808 NORTH FIFTH STREET, SUITE 501, ST. AUGUSTINE, FL 32084

P&A CONSULTING ENGINEERS, INC.
 Civil Engineering & Environmental Services
 TEL: 904-824-3755 • FAX: 904-824-3758
 WEB: www.panda-engineers.com • E-mail: admin@panda-engineers.com
 2808 North Fifth Street, Suite 501 • St. Augustine, FL 32084



MATANZAS RIVER



STA 11+00 TO 12+00

- EXISTING**
- PROPERTY LINE
 - RIGHT OF WAY LINE
 - EXISTING DRIVE CENTERLINE
- PROPOSED**
- GENERAL OF ROUGH
 - EDGE OF PARADE
 - IMPERIAL CONTROL POINT
 - SHORELINE AREA BOUNDARY

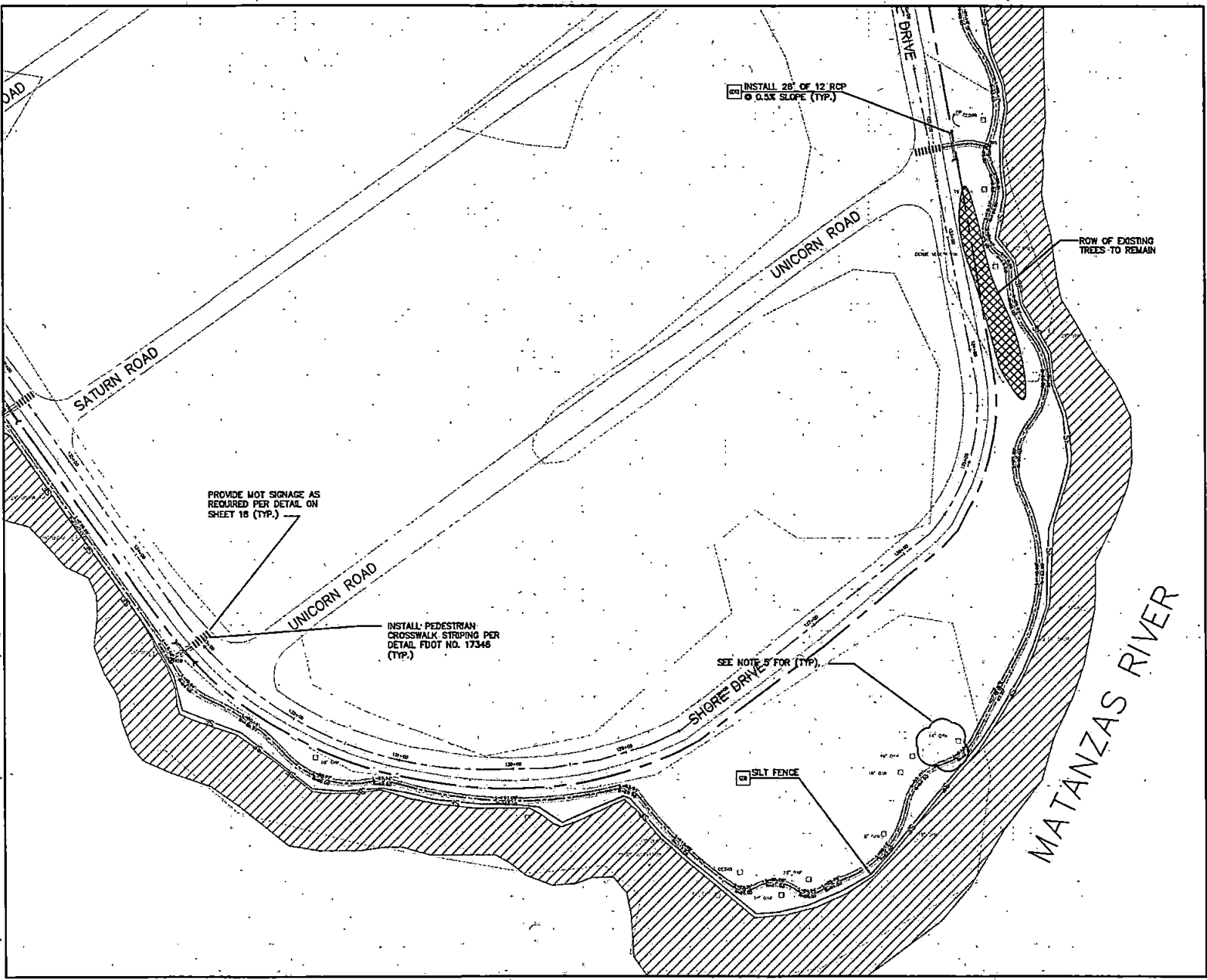
GENERAL SITE NOTES

- ALL CONSTRUCTION SHALL BE TO FACE OF FINISH UNLESS OTHERWISE SHOWN.
- CONSTRUCTION SHALL BE ACCORDING TO ALL DIMENSIONS AND SPECIFICATIONS OF ALL MATERIALS AND SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, AS APPLICABLE.
- A JOINDER FOR CENTERLINE OF ROAD IS ALLOWED TO BE USED FOR CENTERLINE OF ROAD, CONCRETE SHALL BE PLACED AND FINISHED TO THE SPECIFICATIONS AND SHALL BE FINISHED TO THE FINISH SURFACE OF THE ROAD.
- PROTECT ALL BRANCHES OF EXISTING TREES TO REMAIN BY SETTING PROTECTIVE BARRIERS.
- CONSTRUCTION SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, AS APPLICABLE.
- CONSTRUCTION SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, AS APPLICABLE.

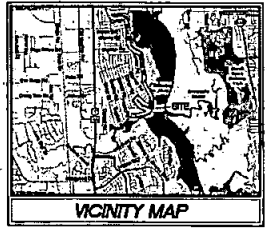
PERMITS

NO. 1	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 2	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 3	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 4	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 5	ST. JOHNS COUNTY PERMIT NO. 12345
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NO. 17	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 18	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 19	ST. JOHNS COUNTY PERMIT NO. 12345
NO. 20	ST. JOHNS COUNTY PERMIT NO. 12345

<p>SITE PLAN</p> <p>SHORE DRIVE TRAIL</p> <p>ST. JOHNS COUNTY, FLORIDA</p> <p>PROVIDED FOR</p> <p>ST. JOHNS COUNTY RECREATION & PARKS</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DR/APP</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	DR/APP													<p>MAY 14 2007</p> <p>DESIGNED BY: [Signature]</p> <p>CHECKED BY: [Signature]</p> <p>DATE: 05-14-07</p> <p>DRAWN BY: [Signature]</p> <p>SCALE: AS SHOWN</p>	<p>P&A CONSULTING ENGINEERS, INC.</p> <p>Civil Engineering & Environmental Services</p> <p>TEL: 904-824-3755 • FAX: 904-824-3756</p> <p>WEB: www.panda-engr.com • E-mail: admin@panda-engr.com</p> <p>2808 North Fifth Street, Suite 501 • St. Augustine, FL 32084</p>
NO.	DATE	DESCRIPTION	DR/APP																



GRAPHIC SCALE
1"=60'



N.T.S.
STA. 121+00 TO 130+00

EXISTING
 _____ PROPERTY LINE
 _____ RIGHT OF WAY LINE
 - - - - - EXISTING GRADE CONTOUR

PROPOSED
 _____ CENTERLINE OF ROADWAY
 _____ EDGE OF PAVEMENT
 _____ HORIZONTAL CONTROL POINT
 ▨ SHORE LINE AREA BUFFER

GENERAL SITE NOTES
 1. ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVING UNLESS OTHERWISE SHOWN.
 2. CONSTRUCTION PLAN SHOWING LOCATIONS OF ALL EXISTING UTILITY LINES FOR DEMONSTRATION PURPOSES ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITY LINES IN THE FIELD PRIOR TO CONSTRUCTION.
 3. ADJUSTMENT FOR CROWN OF TRAIL IS ALLOWED TO AVOID ANY CONFLICT. CONTRACTOR SHALL COORDINATE ANY CHANGES TO THE ENGINEER AND ST. JOHNS COUNTY, PARKS AND RECREATION.
 4. ST. JOHNS COUNTY DEVELOPMENT REVIEW INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO FINAL INSPECTION.
 5. PRUNE ALL BRANCHES OF EXISTING TREES TO MAINTAIN A FEET CLEARANCE OVER THE TRAIL.

TRAIL CHARACTERISTICS TABLE
 TOTAL LENGTH: 18,203 FT
 TRAIL WIDTH: 8 FT
 SURFACE MATERIAL TYPE 2-3 ASPHALTIC CONCRETE
 12" SUBGRADE COMPACTED TO 100% DENSITY
 MAIN GLE SLOPE 2:16 AWAY FROM ROADWAY

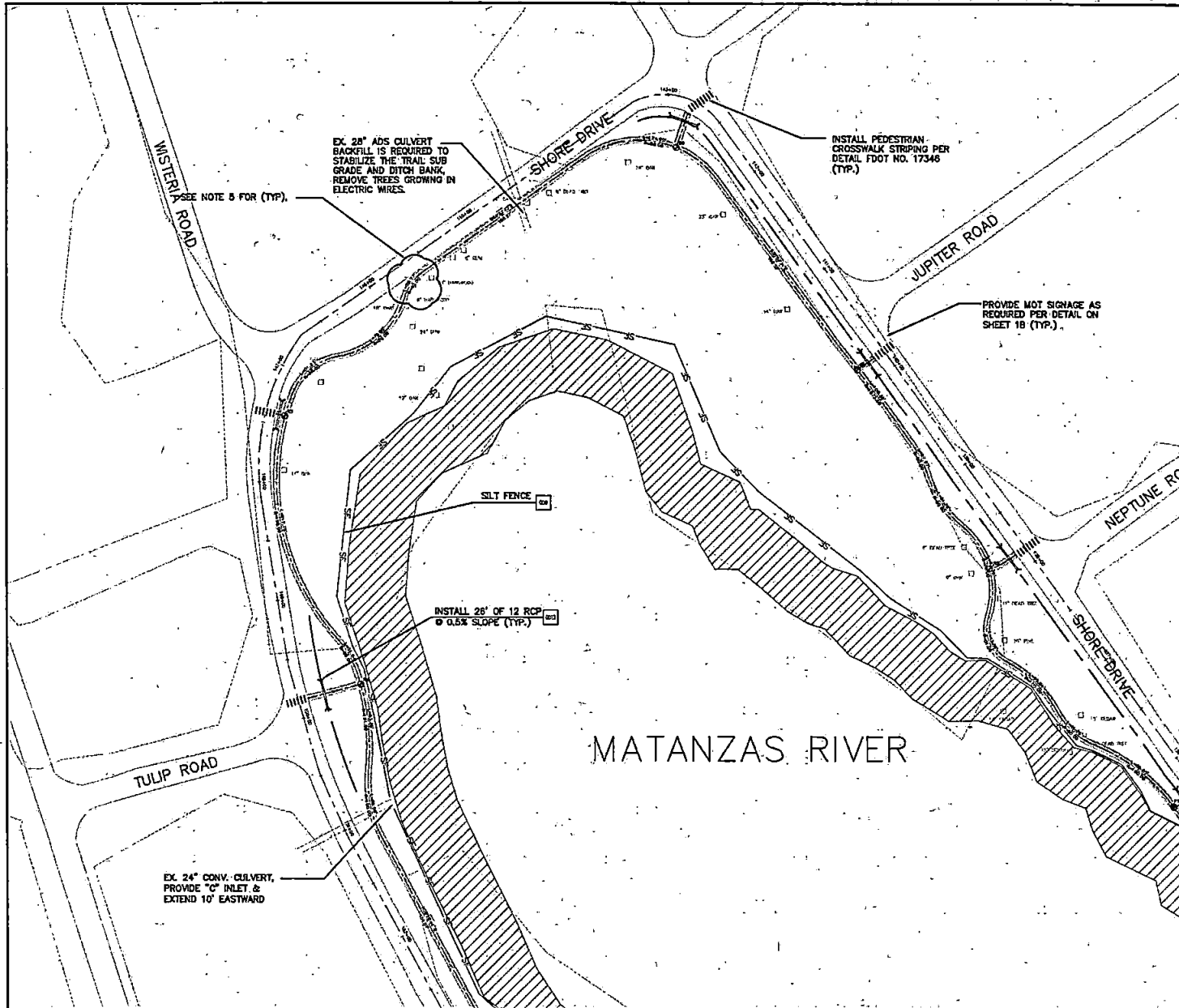
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 2828 North Fifth Street, Suite 501, St. Augustine, FL 32084

ST. JOHNS COUNTY RECREATION & PARKS

SHORE DRIVE TRAIL
 ST. JOHNS COUNTY, FLORIDA

DATE: 03-08-07
 JOB NO: 10130
 SHEET: 12 OF 19



EX. 28" ADS CULVERT BACKFILL IS REQUIRED TO STABILIZE THE TRAIL; SUB GRADE AND DITCH BANK REMOVE TREES GROWING IN ELECTRIC WIRES.

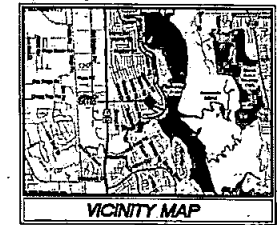
INSTALL PEDESTRIAN CROSSWALK STRIPING PER DETAIL FOOT NO. 17346 (TYP.)

PROVIDE MOT SIGNAGE AS REQUIRED PER DETAIL ON SHEET 18 (TYP.)

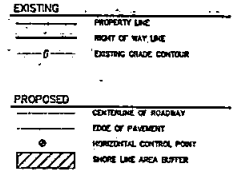
INSTALL 28" OF 12 RCP @ 0.5% SLOPE (TYP.)

EX. 24" CONV. CULVERT, PROVIDE 10" INLET & EXTEND 10' EASTWARD

MATANZAS RIVER



VICINITY MAP
STA 136+20 TO 152+70



- GENERAL SITE NOTES**
- ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVING UNLESS OTHERWISE SHOWN.
 - CONSTRUCTION PLAN SHOWING LOCATIONS OF ALL DITCHES. AREA FOR DEMONSTRATION PURPOSES ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITY IN THE FIELD PRIOR TO CONSTRUCTION.
 - ADJUSTMENT FOR SLOPE OF TRAIL IS ALLOWED TO AVOID ANY CONFLICT. CONTRACTOR SHALL COORDINATE ANY CHANGES TO THE DESIGNER AND ST. JOHNS COUNTY, PARKS AND RECREATION.
 - ST. JOHNS COUNTY DEVELOPMENT REVIEW INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO FINAL INSPECTION.
 - PRUNE ALL BRANCHES OF EXISTING TREES TO PROVIDE MIN 8 FEET CLEARANCE OVER THE TRAIL.
- TRAIL CHARACTERISTIC TABLE**
- TOTAL LENGTH= 16,303 FT
TRAIL WIDTH= 6 FT
- SURFACE MATERIAL TYPE #1- ASPHALTIC CONCRETE
1 1/2" SUBGRADE COMPACTED TO 100% DENSITY
MAIN SIDE SLOPE 2:08 AWAY FROM ROADWAY

REFERENCE POINTS

R1	Northings = 189944.6433	Eastings = 157172.2562
R2	Northings = 189950.7885	Eastings = 157202.4713
R3	Northings = 189957.1846	Eastings = 157232.6864
R4	Northings = 189963.5807	Eastings = 157262.9015
R5	Northings = 189969.9768	Eastings = 157293.1166
R6	Northings = 189976.3729	Eastings = 157323.3317
R7	Northings = 189982.7690	Eastings = 157353.5468
R8	Northings = 189989.1651	Eastings = 157383.7619
R9	Northings = 189995.5612	Eastings = 157413.9770
R10	Northings = 189999.9773	Eastings = 157434.1921
R11	Northings = 190004.3934	Eastings = 157454.4072
R12	Northings = 190008.8095	Eastings = 157474.6223
R13	Northings = 190013.2256	Eastings = 157494.8374
R14	Northings = 190017.6417	Eastings = 157515.0525
R15	Northings = 190022.0578	Eastings = 157535.2676
R16	Northings = 190026.4739	Eastings = 157555.4827
R17	Northings = 190030.8900	Eastings = 157575.6978
R18	Northings = 190035.3061	Eastings = 157595.9129
R19	Northings = 190039.7222	Eastings = 157616.1280
R20	Northings = 190044.1383	Eastings = 157636.3431
R21	Northings = 190048.5544	Eastings = 157656.5582
R22	Northings = 190052.9705	Eastings = 157676.7733
R23	Northings = 190057.3866	Eastings = 157696.9884
R24	Northings = 190061.8027	Eastings = 157717.2035
R25	Northings = 190066.2188	Eastings = 157737.4186
R26	Northings = 190070.6349	Eastings = 157757.6337
R27	Northings = 190075.0510	Eastings = 157777.8488
R28	Northings = 190079.4671	Eastings = 157798.0639
R29	Northings = 190083.8832	Eastings = 157818.2790
R30	Northings = 190088.2993	Eastings = 157838.4941
R31	Northings = 190092.7154	Eastings = 157858.7092
R32	Northings = 190097.1315	Eastings = 157878.9243
R33	Northings = 190101.5476	Eastings = 157899.1394
R34	Northings = 190105.9637	Eastings = 157919.3545
R35	Northings = 190110.3798	Eastings = 157939.5696

P&A CONSULTING ENGINEERS, INC.
 Civil Engineering & Environmental Services
 7805 North Palm Street, Suite 201, St. Augustine, FL 32084
 WWW: www.pandae.com
 PHONE: 321-286-1111
 FAX: 321-286-1112

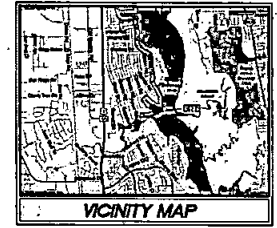
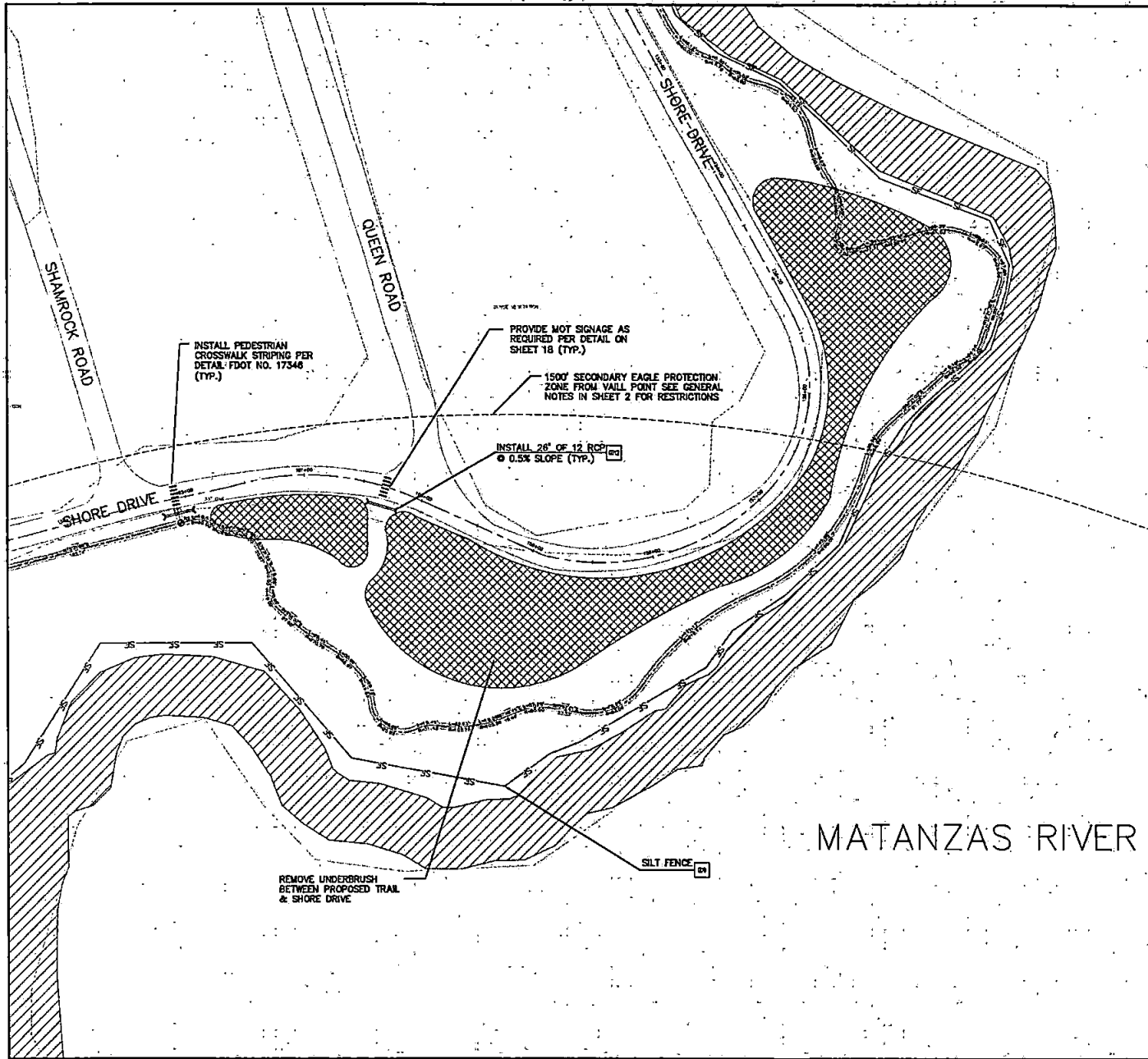
SHORE DRIVE TRAIL
 ST. JOHNS COUNTY, FLORIDA
 PREPARED FOR: ST. JOHNS COUNTY RECREATION & PARKS

REVISIONS

NO.	DATE	DESCRIPTION

SITE PLAN

DESIGN BY: QJM
 CHECK BY: MJC
 DATE: 03-05-07
 JOB NO: 10150
 SHEET NO: 14 OF 19



- EXISTING**
- PROPERTY LINE
 - BOUND OF WAY LINE
 - - - EXISTING GRADE CONTOUR
- PROPOSED**
- CENTERLINE OF ROADWAY
 - EDGE OF PAVEMENT
 - HORIZONTAL CONTROL POINT
 - ⊗ SHORE LINE AREA BUFFER
 - ▨ SECONDARY EAGLE PROTECTION

- GENERAL SITE NOTES**
1. ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN.
 2. CONSTRUCTION PLAN SHOWING LOCATIONS OF ALL EXISTING UTILITIES FOR DEMONSTRATION PURPOSES ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION.
 3. ALIGNMENT FOR GEOMETRY OF TRAIL IS ALLOWED TO VARY. ANY CONTACT CONTRACTOR SHALL COORDINATE ANY CHANGES TO THE ENGINEER AND ST. JOHNS COUNTY PARKS AND RECREATION.
 4. ST. JOHNS COUNTY DEVELOPMENT REVIEW INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO FINAL INSPECTION.
 5. PRUNE ALL BRANCHES OF EXISTING TREES TO PROVIDE MIN 8 FEET CLEARANCE OVER THE TRAIL.
- TRAIL CHARACTERISTIC TABLE**
- | | |
|------------------|-----------------------------|
| TOTAL LENGTH | 18,203 FT |
| TRAIL WIDTH | 8 FT |
| SURFACE MATERIAL | TYPE 9-S ASPHALTIC CONCRETE |
| SUBGRADE | COMPACTED TO 100% DENSITY |
| MIN SIDE SLOPE | 2:1 OR AWAY FROM ROADWAY |

REFERENCE POINTS

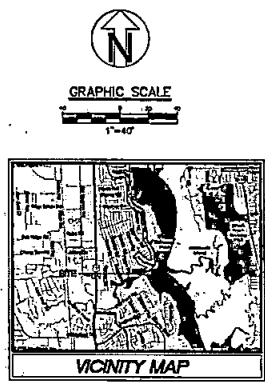
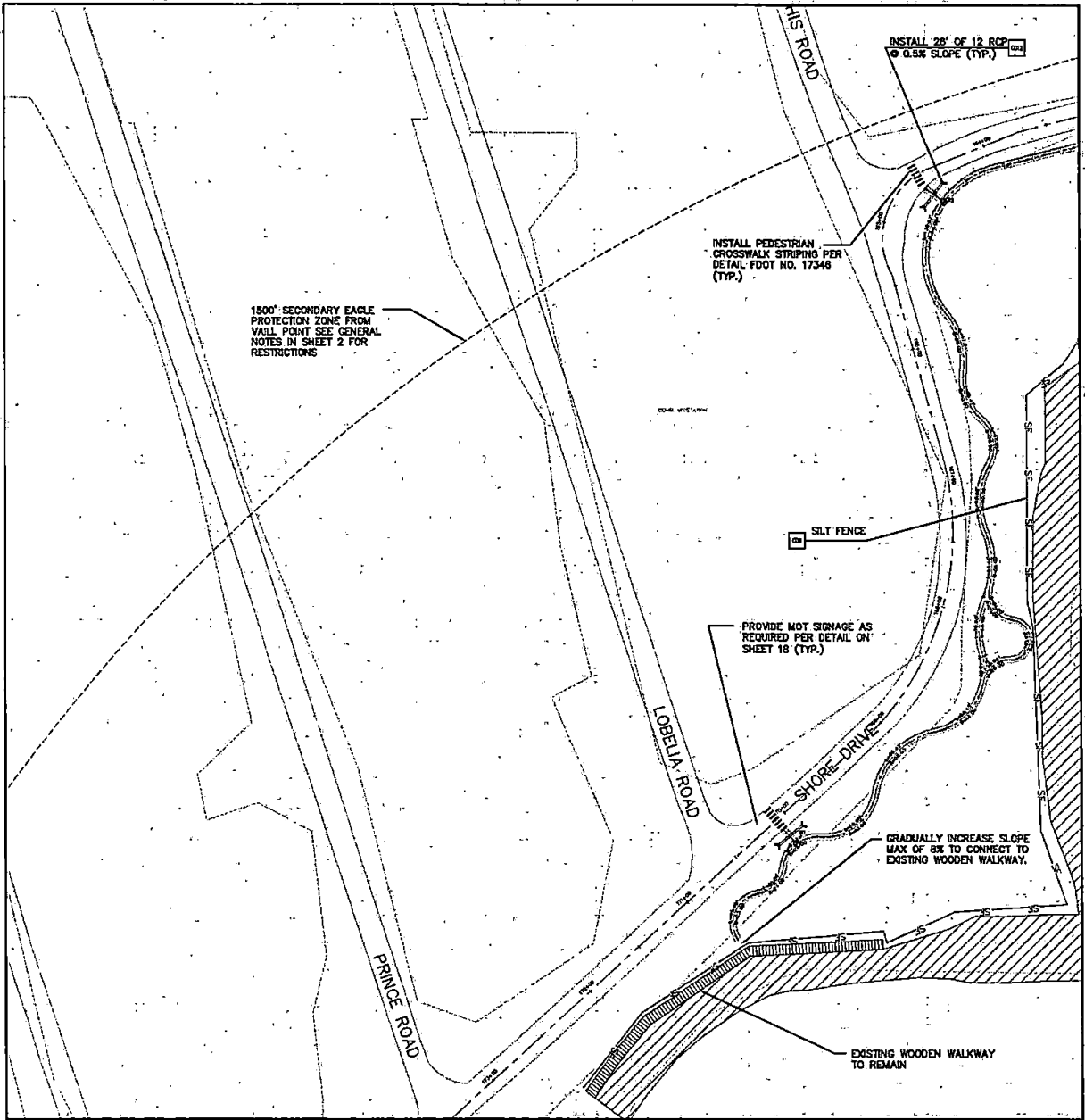
STATION	EASTING	NORTHING	EASTING	NORTHING
81	19844.2623	55772.8261	19844.2623	55772.8261
82	19826.7268	55725.8763	19826.7268	55725.8763
83	19823.1449	55720.3028	19823.1449	55720.3028
84	19827.1953	55714.8008	19827.1953	55714.8008
85	19805.2534	55710.4023	19805.2534	55710.4023
86	20021.76200	55678.1919	20021.76200	55678.1919
87	19792.1770	55678.1919	19792.1770	55678.1919
88	19826.7268	55638.1403	19826.7268	55638.1403
89	19844.1173	55644.1326	19844.1173	55644.1326
90	19844.1173	55644.1326	19844.1173	55644.1326
91	19844.1173	55644.1326	19844.1173	55644.1326
92	20021.76200	55628.1414	20021.76200	55628.1414
93	20021.76200	55628.1414	20021.76200	55628.1414
94	20021.76200	55628.1414	20021.76200	55628.1414
95	20021.76200	55628.1414	20021.76200	55628.1414
96	20021.76200	55628.1414	20021.76200	55628.1414
97	20021.76200	55628.1414	20021.76200	55628.1414
98	20021.76200	55628.1414	20021.76200	55628.1414
99	20021.76200	55628.1414	20021.76200	55628.1414
100	20021.76200	55628.1414	20021.76200	55628.1414
101	20021.76200	55628.1414	20021.76200	55628.1414
102	20021.76200	55628.1414	20021.76200	55628.1414
103	20021.76200	55628.1414	20021.76200	55628.1414
104	20021.76200	55628.1414	20021.76200	55628.1414
105	20021.76200	55628.1414	20021.76200	55628.1414
106	20021.76200	55628.1414	20021.76200	55628.1414
107	20021.76200	55628.1414	20021.76200	55628.1414
108	20021.76200	55628.1414	20021.76200	55628.1414
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110	20021.76200	55628.1414	20021.76200	55628.1414
111	20021.76200	55628.1414	20021.76200	55628.1414
112	20021.76200	55628.1414	20021.76200	55628.1414
113	20021.76200	55628.1414	20021.76200	55628.1414
114	20021.76200	55628.1414	20021.76200	55628.1414
115	20021.76200	55628.1414	20021.76200	55628.1414
116	20021.76200	55628.1414	20021.76200	55628.1414
117	20021.76200	55628.1414	20021.76200	55628.1414
118	20021.76200	55628.1414	20021.76200	55628.1414
119	20021.76200	55628.1414	20021.76200	55628.1414
120	20021.76200	55628.1414	20021.76200	55628.1414
121	20021.76200	55628.1414	20021.76200	55628.1414
122	20021.76200	55628.1414	20021.76200	55628.1414
123	20021.76200	55628.1414	20021.76200	55628.1414
124	20021.76200	55628.1414	20021.76200	55628.1414
125	20021.76200	55628.1414	20021.76200	55628.1414
126	20021.76200	55628.1414	20021.76200	55628.1414
127	20021.76200	55628.1414	20021.76200	55628.1414
128	20021.76200	55628.1414	20021.76200	55628.1414
129	20021.76200	55628.1414	20021.76200	55628.1414
130	20021.76200	55628.1414	20021.76200	55628.1414
131	20021.76200	55628.1414	20021.76200	55628.1414
132	20021.76200	55628.1414	20021.76200	55628.1414

CONSULTING ENGINEERS, INC.
P&A
 Civil, Mechanical, & Environmental Services
 TEL: 904-824-3735 • FAX: 904-824-3739
 WEB: www.panda-engine.com • E-mail: cengine@panda-engine.com
 2808 North Fifth Street, Suite 501 • St. Augustine, FL 32084

NO.	DATE	REVISION	DESCRIPTION

SITE PLAN
SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA
 prepared by
ST. JOHNS COUNTY RECREATION & PARKS

Date Plt: QTM
 Date Rev: MKT
 Date Ck: QTM
 Date: 05-08-07
 Job No: 10139
 Sheet No: 15 OF 19



- EXISTING**
- PROPERTY LINE
 - RIGHT OF WAY LINE
 - EXISTING GRADE CENTER
- PROPOSED**
- CENTERLINE OF ROADWAY
 - EDGE OF PAVEMENT
 - HORIZONTAL CONTROL POINT
 - SHORE LINE AREA BUFFER
 - SECONDARY EAGLE PROTECTION

- GENERAL SITE NOTES**
1. ALL DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN.
 2. CONSTRUCTION PLAN SHOWING LOCATIONS OF ALL EXISTING AREA FOR DEMONSTRATION PURPOSES ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF ITEMS IN THE FIELD PRIOR TO CONSTRUCTION.
 3. ADJUSTMENT FOR GEOMETRY OF TRAIL IS ALLOWED TO AVOID ANY CONFLICT. CONTRACTOR SHALL COORDINATE ANY CHANGES TO THE ENGINEER AND ST. JOHNS COUNTY, PARKS AND RECREATION.
 4. ST. JOHNS COUNTY DEVELOPMENT REVIEW INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO ALL NECESSARY SITE WORK INSPECTIONS AND 5 DAYS PRIOR TO FINAL INSPECTION.
 5. PRUNE ALL BRANCHES OF EXISTING TREES TO PROVIDE MIN 8 FEET CLEARANCE OVER THE TRAIL.

TRAIL CHARACTERISTIC TABLE

TOTAL LENGTH	1500 FT
TRAIL WIDTH	8 FT
SURFACE MATERIAL	TYPE 2 ASPHALTIC CONCRETE
SUBGRADE	COMPACTED TO 100% DENSITY
MIN SIDE SLOPE	2:1 AWAY FROM ROADWAY

REFERENCE POINTS

STATION	NORTHING	EASTING	ELEVATION
R1	189544.2623	53772.8566	
R2	189593.7568	53753.8753	
R3	189623.1844	53750.3028	
R4	189678.1951	53761.8208	
R5	189757.2734	53770.8020	
R6	189824.7847	53878.1518	
R7	189926.2723	53878.8887	
R8	189944.1877	53838.1462	
R9	189949.8088	53840.2309	
R10	189951.8270	53853.4200	
R11	200075.8270	53928.9416	
R12	200086.2723	53928.4028	
R13	200086.1971	53928.4294	
R14	200075.2723	53928.9417	
R15	200102.0983	53932.2712	
R16	200178.1007	53948.8427	
R17	200187.8714	53972.4208	
R18	200247.3358	53973.8987	
R19	200287.4281	53951.9125	
R20	200314.2623	53973.8987	
R21	200472.8208	53973.8987	
R22	200488.8125	53973.8987	
R23	200481.2723	53973.8987	
R24	200481.2723	53973.8987	
R25	200481.2723	53973.8987	
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R38	200481.2723	53973.8987	
R39	200481.2723	53973.8987	
R40	200481.2723	53973.8987	
R41	200481.2723	53973.8987	
R42	200481.2723	53973.8987	
R43	200481.2723	53973.8987	
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R45	200481.2723	53973.8987	
R46	200481.2723	53973.8987	
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R48	200481.2723	53973.8987	
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R51	200481.2723	53973.8987	
R52	200481.2723	53973.8987	
R53	200481.2723	53973.8987	
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R58	200481.2723	53973.8987	
R59	200481.2723	53973.8987	
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R62	200481.2723	53973.8987	
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R65	200481.2723	53973.8987	
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R67	200481.2723	53973.8987	
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R93	200481.2723	53973.8987	
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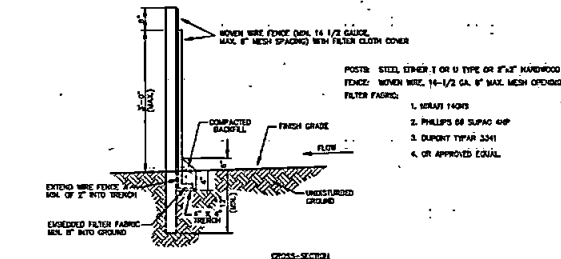
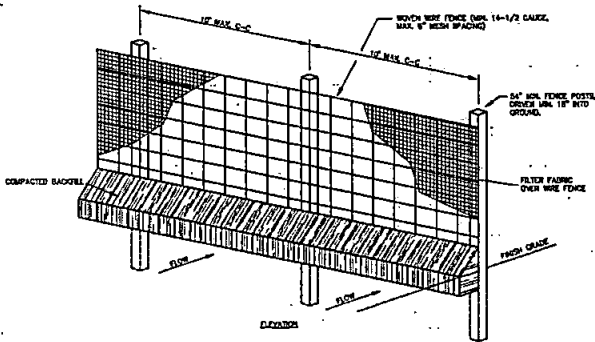
P&A CONSULTING ENGINEERS, INC.
Civil Engineering & Environmental Services
TEL: 904-824-3755 • FAX: 904-824-3758
WEB: www.pandae.com
2805 North Fifth Street, Suite 501 • St. Augustine, FL 32084

SITE PLAN
SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA
PREPARED FOR
ST. JOHNS COUNTY RECREATION & PARKS

DATE: _____
SCALE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____

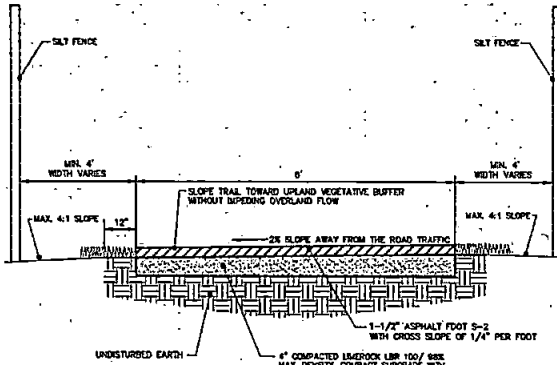
NOV 16 2017
JACQUES ROBERT
P. RAYON
C. HUBBY

DATE: 03-05-07
JOB NO: 10159
SHEET NO: 18 OF 19



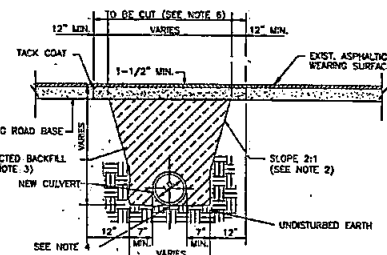
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE INFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN TRUCKS DEPART @ THE SILT FENCE.

TEMPORARY SILT FENCE
N.T.S.



NOTE: ALL DISTURBED AREAS SHALL RECEIVE SOIL OR SEEDING. ALL AREAS WHERE GROUND HAS BEEN DISTURBED OR REMOVED SHALL BE REVEGETATED TO THE SATISFACTION OF THE COUNTY RECREATION AND PARKS DEPARTMENT.

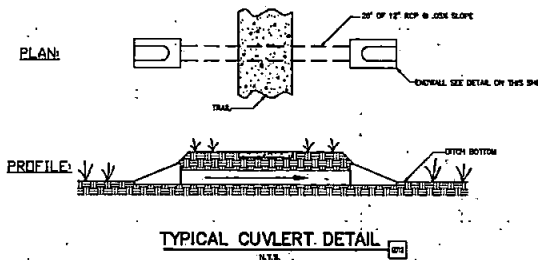
TYPICAL ASPHALTIC CONCRETE TRAIL SECTION
N.T.S.



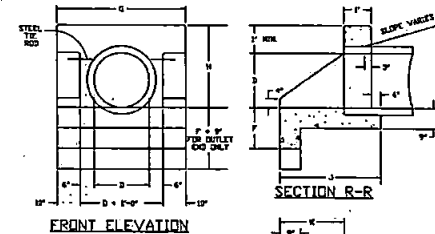
- NOTES:
1. ASPHALT SHALL BE ASPHALTIC CONCRETE TYPE 3 FOR RESIDENTIAL & TYPE 5-1 FOR COMMERCIAL/INDUSTRIAL, MINIMUM 1500 P.S.I.
 2. A SLOPE OF 2:1 RATIO SHALL BE USED ONLY WHEN SOIL CONDITIONS DO NOT ALLOW VERTICAL TRENCHING.
 3. COMPACTED BACKFILL MATERIAL SHALL BE FREE OF ASPHALT, LARGE ROCKS (3" DIA. MAX.), WOOD AND OTHER ORGANIC MATTER.
 4. CONTRACTOR SHALL EXCAVATE BOTTOM OF TRENCH TO ALLOW FOR BELL SECTION OF PIPE.
 5. BACKFILL SHALL BE COMPACTED BENEATH THE HAUNCHES OF THE PIPE USING MECHANICAL TAMPS. THIS COMPACTOR APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING COURSE. COMPACTOR SHALL BE DONE IN 6" LAYERS. BACKFILL SHALL BE COMPACTED TO 95% NOMINAL DENSITY UNDER ROAD, CURB & GUTTER, OR 93% NOMINAL DENSITY IN SHOULDER AND OUTSIDE ROAD R/W. MAXIMUM DENSITY SHALL BE AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST.
 6. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWN. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
 7. BASE MATERIALS SHALL BE EITHER OF THE SAME TYPE AND COMPOSITION AS THE MATERIALS REMOVED OR EQUAL OR GREATER STRUCTURAL ADEQUACY. BASE MATERIAL IS TO BE COMPACTED IN 6" LIFTS.
 8. REPLACEMENT OF EXISTING ASPHALT OR CONCRETE TO BE AN EVEN STRAIGHT CUT FROM THE WIDEST DAMAGED AREA.

SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

TRENCHING DETAIL
N.T.S.

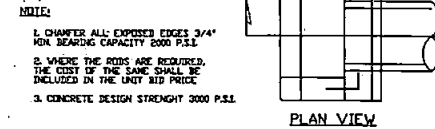


TYPICAL CULVERT DETAIL
N.T.S.



FRONT ELEVATION

SECTION R-R



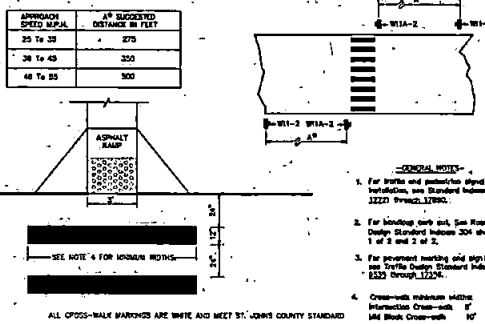
PLAN VIEW

- NOTE:
1. CHAMFER ALL EXPOSED EDGES 3/4" MIN. BEARING CAPACITY 2000 P.S.I.
 2. WHERE THE ROADS ARE REQUIRED, THE COST OF THE SAME SHALL BE INCLUDED IN THE UNIT BID PRICE.
 3. CONCRETE DESIGN STRENGTH 3000 P.S.I.

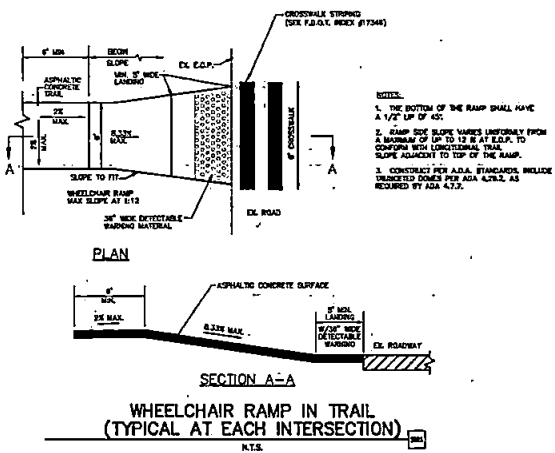
TABLE OF DIMENSIONS AND ESTIMATED QUANTITIES
PIPE CULVERT ENDWALLS WITH U-TYPE MANHOLE

OPENING	DIMENSIONS			QUANTITIES IN ONE ENDWALL					
	WALL	FOOTING	TOTAL CU. YDS. CONCRETE, 3000 P.S.I.	PIPE	MAN. PIPE	44\"/>			
12\"/>									
15\"/>									
18\"/>									
24\"/>									
30\"/>									
36\"/>									
42\"/>									
48\"/>									

ENDWALL DETAIL
N.T.S.



SPECIAL EMPHASIS CROSSWALK
F.D.O.T. INDEX NO. 17346
N.T.S.

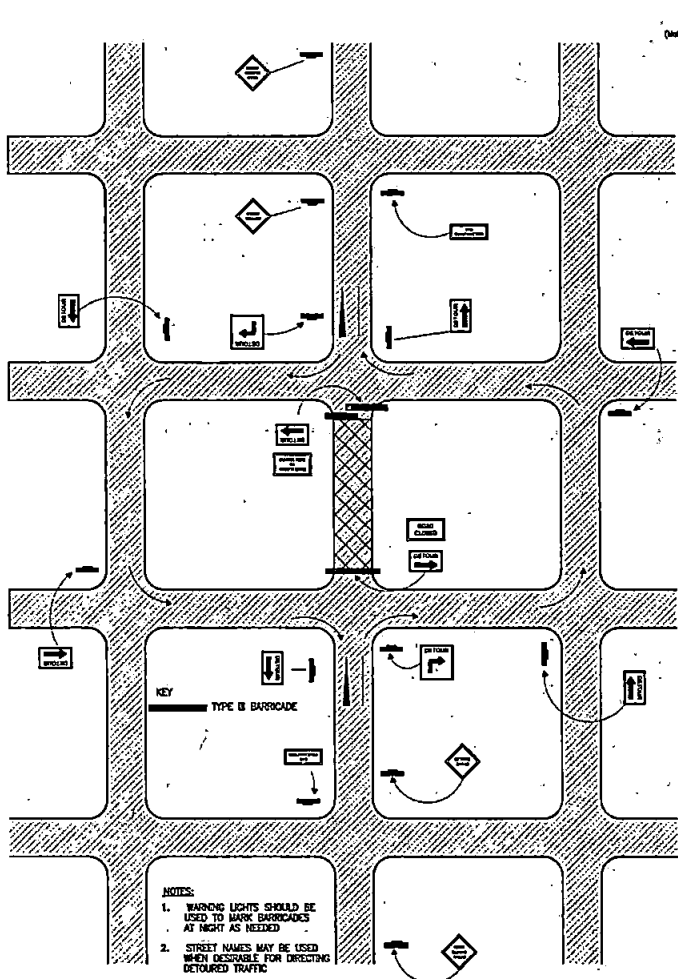


SECTION A-A

WHEELCHAIR RAMP IN TRAIL
(TYPICAL AT EACH INTERSECTION)
N.T.S.

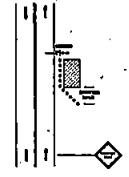
DATE: MAY 14, 2017
PROJECT: SHORE DRIVE TRAIL
DRAWN BY: J. W. [Signature]
CHECKED BY: [Signature]
SCALE: AS SHOWN

NO.	DATE	DESCRIPTION

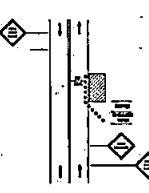


TYPICAL ROAD CLOSING DETAIL

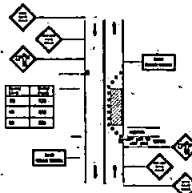
Shoulder Work
(2'-15" from the Edge of Pavement)
(Maintaining Two-way Traffic in Two Travel Lanes)



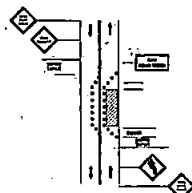
Shoulder Work with Minor Encroachment
(Within 2' of the Edge of Pavement)



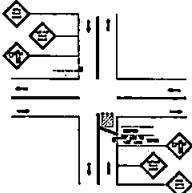
Lane Closure on a Top-Lane Road
(Two Opposite Directions)



Work in Travel Lane on a Minor Urban Street
(Maintaining Two-way Traffic)



Lane Closure in Advance of an Intersection
(Dark Area on the Through Road)



CASE 1 M.O.T.

CASE 2 M.O.T.

CASE 3 M.O.T.

CASE 4 M.O.T.

ROAD TYPE	SIGN SPACING		
	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN (LOW SPEED)	100	100	100
URBAN (HIGH SPEED)	350	350	350
RURAL	500	500	500
EXPRESSWAY/FREEWAY	1,000	1,500	2,640

** SPEED CRITERIA TO BE DETERMINED BY HIGHWAY AGENCY
** DIMENSIONS ARE SHOWN IN FEET. THE COLUMN HEADINGS A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6A-1 THROUGH 6A-48 OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SYSTEM INDICATED BY A DRIVER APPROACHING A TEMPORARY TRAFFIC CONTROL ZONE. NOTE: LONGITUDINAL DIMENSIONS ARE TO BE ADAPTED TO FIT FIELD CONDITIONS. SEE FOOT NOTE NO. 900.

TAPER LENGTH CRITERIA	
TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5L
SHOULDER TAPER	AT LEAST 0.33L
ONE LANE, TWO WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT PER LANE

FORMULAS FOR L ARE AS FOLLOWS

FOR SPEED LIMITS OF 40 MPH OR LESS	$L = WS^2 / 60$	FOR SPEED LIMITS OF 45 MPH OR GREATER	$L = WS$
------------------------------------	-----------------	---------------------------------------	----------

WHERE: L = TAPER LENGTH IN FEET
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED LIMIT

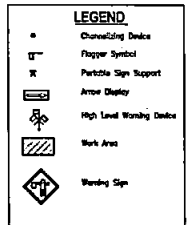
MAINTENANCE OF TRAFFIC REQUIREMENTS

- ANY MODIFICATIONS OF THIS MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE ST. JOHNS COUNTY CONTRACTOR ALSO REQUIRED TO COORDINATE WITH ST. JOHNS COUNTY SCHOOL BOARD PRIOR TO CONSTRUCTION TO AVOID TRAFFIC CONFLICT WITH SCHOOLS.
- CONTRACTOR MUST MAINTAIN EXISTING SIGNING. IF SIGNS ARE DAMAGED DUE TO HIS ACTIVITY, THE CONTRACTOR IS REQUIRED TO REPLACE THEM IN ACCORDANCE WITH CURRENT S.A.C. STANDARD SPECIFICATIONS IMMEDIATELY.
- THIRTY FOOT RADII ARE REQUIRED AT ALL INTERSECTIONS WHERE THE ROADWAY IS REDUCED.
- ACCESS TO ALL STREETS AND DRIVEWAYS TO BE MAINTAINED AT ALL TIMES.
- IF SIDEWALKS ARE DISTURBED AND HAVE TO BE REPLACED, HANDICAP RAMPS ARE TO BE INSTALLED.
- THE CONTRACTOR SHALL CONTINUE HIS ACTIVE WORK AREA TO NO MORE THAN ONE BLOCK AT A TIME.
- THE ROADWAY SHALL BE RESTORED TO AT LEAST A LAVEROCK SURFACE BEFORE IT IS REOPENED TO TRAFFIC, AND BEFORE THE CONTRACTOR MOVES ON TO THE NEXT CONSTRUCTION ZONE.
- DUST CONTROL MEASURES SHALL BE IMPLEMENTED ON ALL UNPAVED SURFACES UNTIL PAVED.
- WHERE CONSTRUCTION PHASING IS NOT SHOWN ON PLANS, OR IF CONTRACTOR WANTS TO ALTER THE PHASING SHOWN, CONTRACTOR IS TO SUBMIT PHASING PLAN WITH A PROPOSED CONSTRUCTION SCHEDULE TO TRAFFIC ENGINEERING PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY ST. JOHN COUNTY MINIMUM OF 5 WORKING DAYS PRIOR TO ANY ROAD CLOSURE OR LANE CLOSURE.
- TRAFFIC SIGNAL VEHICLE LOOPS SHALL BE RESTORED TO PROPER OPERATION WITHIN 36 HOURS OF BEING DESTROYED OR DAMAGED.

CASE 5 M.O.T.

VARIABLE MESSAGE SIGNS (VMS)

- THE MESSAGE SHOULD BE VISIBLE AND LEGIBLE AT A MINIMUM DISTANCE OF 300 FEET. ALL MESSAGES SHOULD BE CYCLED SO THAT TWO MESSAGES ARE DISPLAYED TO A DRIVER WHILE APPROACHING THE SIGN FROM 900 FEET AT 55 MPH.
- VMS SHOULD BE PLACED APPROX. 500 TO 800 FEET IN ADVANCE OF THE WORK ZONE CONFLICTS OR 1.5 TO 2 MILES IN ADVANCE OF COMPLEX TRAFFIC CONTROL SCENARIOS WHICH REQUIRE NEW AND/OR UNUSUAL TRAFFIC MANEUVERS.
- IF VMS ARE TO BE USED AT NIGHT, THE INTENSITY OF THE FLASHERS SHALL BE REDUCED DURING DARKNESS WHEN LOWER INTENSITIES ARE DESIRABLE.
- FOR ADDITIONAL INFORMATION REFER TO THE FDOT ROADWAY PLANS PREPARATION MANUAL, VOLUME I, CHAPTER 10.
- TYPICAL ROAD CLOSING DETAIL TAKEN FROM THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PAGE 68-8.

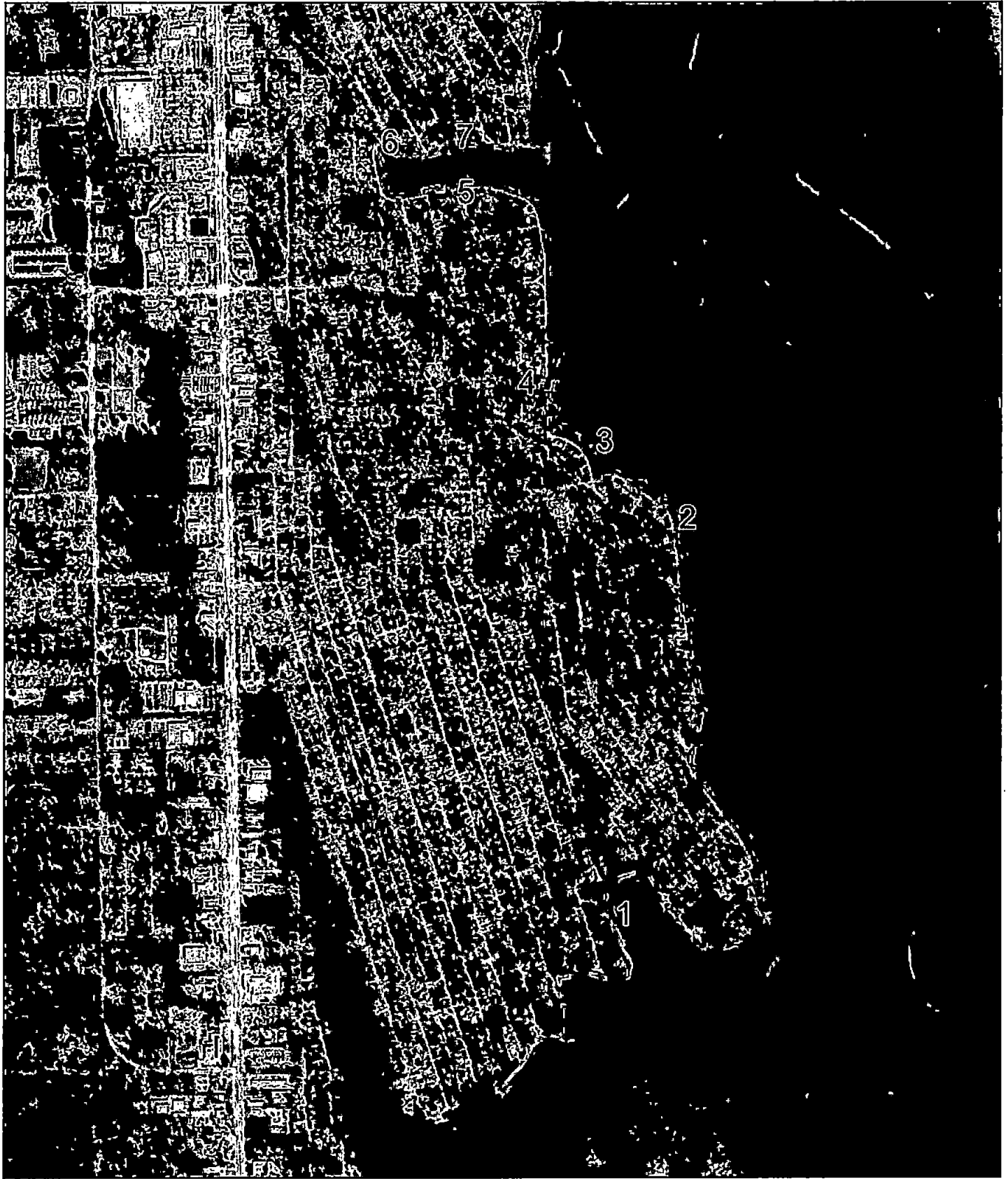


P&A CONSULTING ENGINEERS, INC.
City & Environmental & Environmental Services
TEL: 904-834-3753 • FAX: 904-824-3755
WEB: www.pandae-engineers.com • E-mail: admin@pandae-engineers.com
2858 North Fifth Street, Suite 501, St. Augustine, FL 32084

REVISED: _____
DATE: _____
BY: _____
CHK: _____

M.O.T. DETAILS
SHORE DRIVE TRAIL
ST. JOHNS COUNTY, FLORIDA
PREPARED BY
ST. JOHNS COUNTY RECREATION & PARKS

DATE: 02/05-07
JOB NO: 10139
SCALE: 10' = 1' 0"



Map created with St. Johns County's iMap

Shore Drive Trail Conceptual Site Plan

DISCLAIMER:

This map is for reference use only. Data provided are derived from multiple sources with varying levels of accuracy. The St. Johns County GIS Division disclaims all responsibility for the accuracy or completeness of the data shown hereon.

— = Existing Trail

— = Proposed Trail

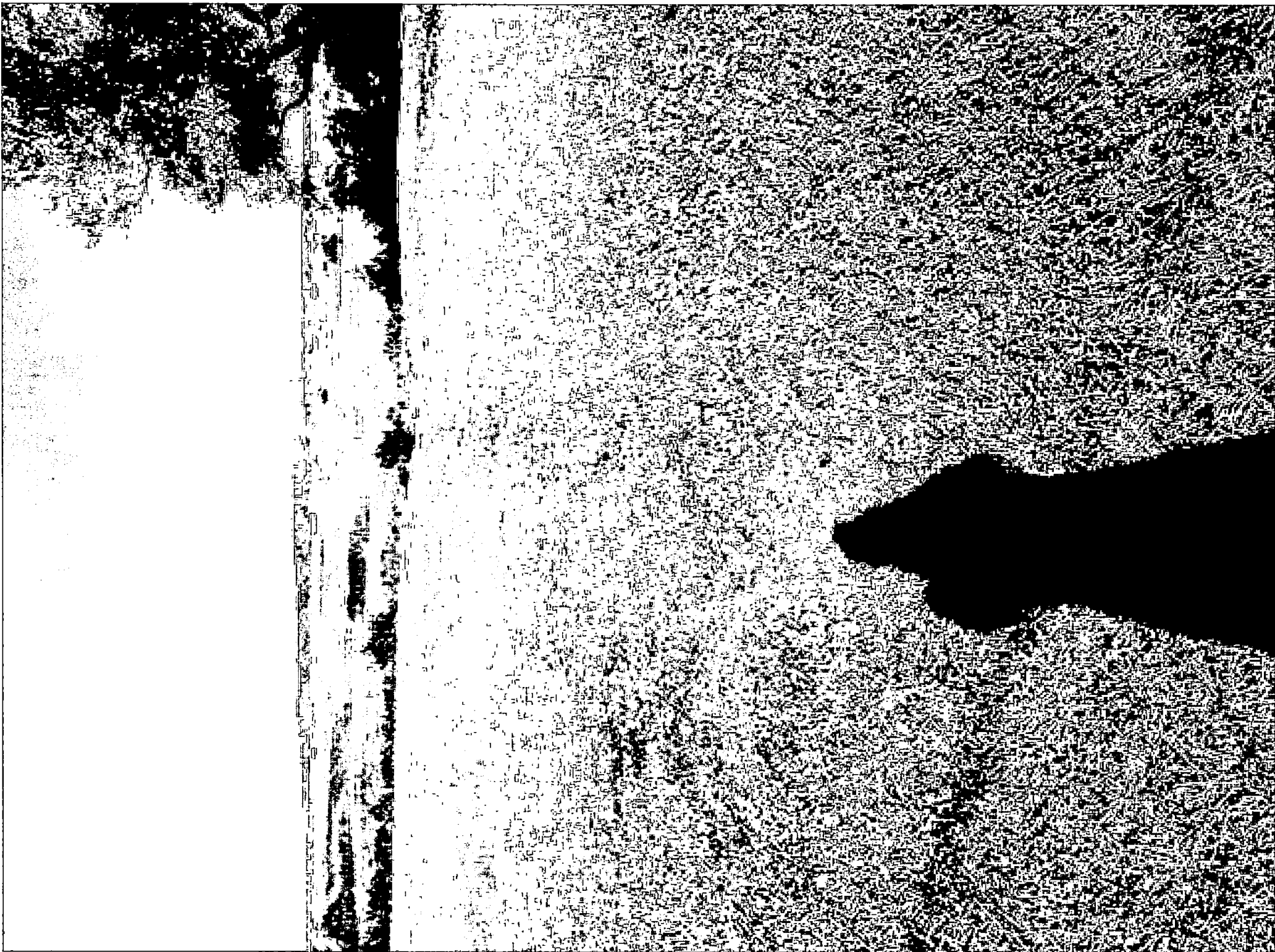
■ = Existing Parking Lots

1-6 = Proposed Structures

Date Created: 1/11/2021



Exhibit F – Photographs of the Project Area













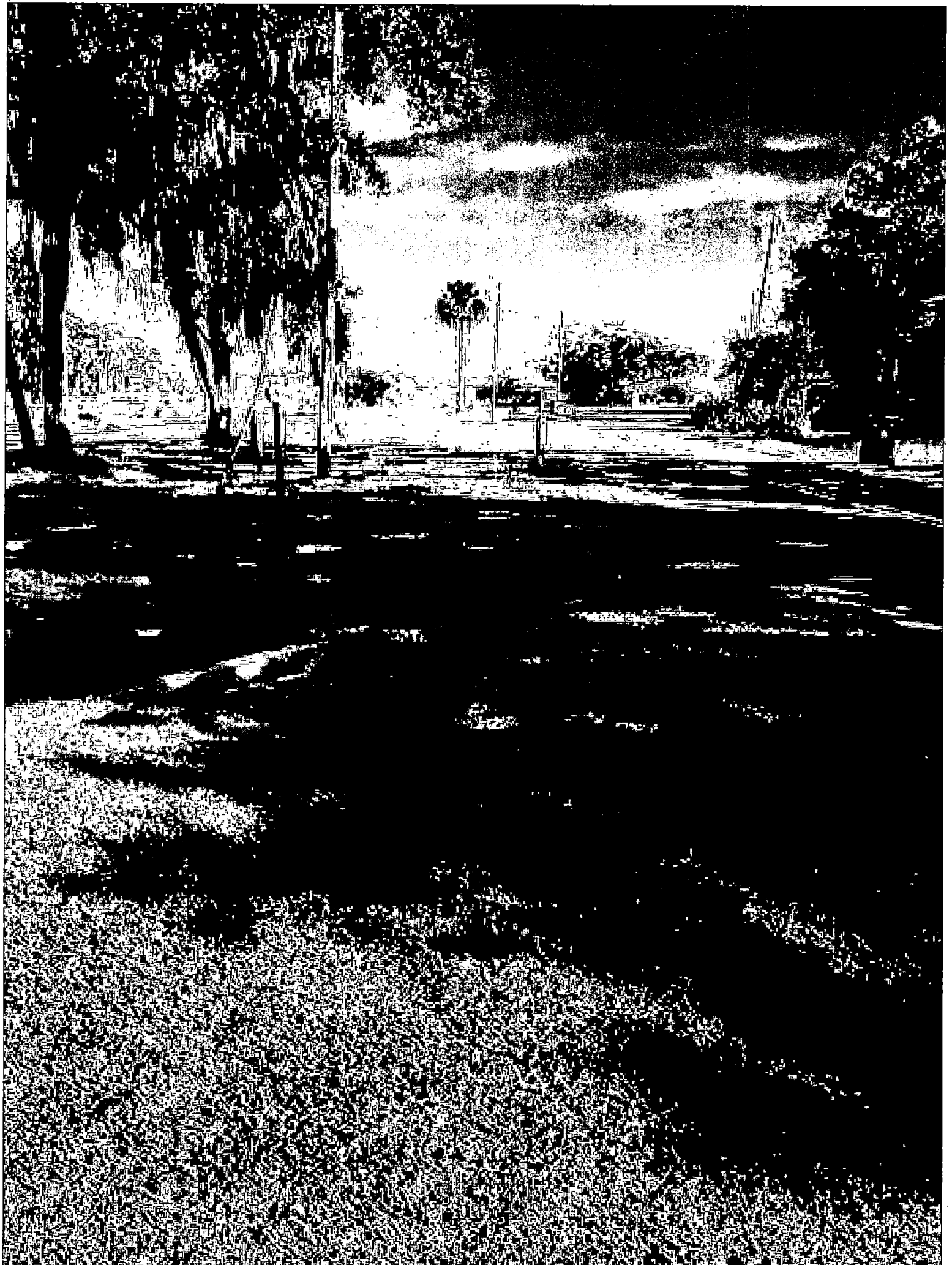




Exhibit G – Location Map and Directions



St. Johns County Board of County Commissioners

Parks & Recreation Department

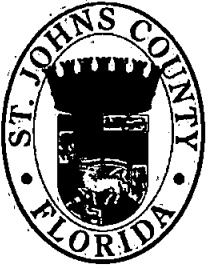
Written Driving Directions

Starting Point: Intersection of US 1 and State Road 312

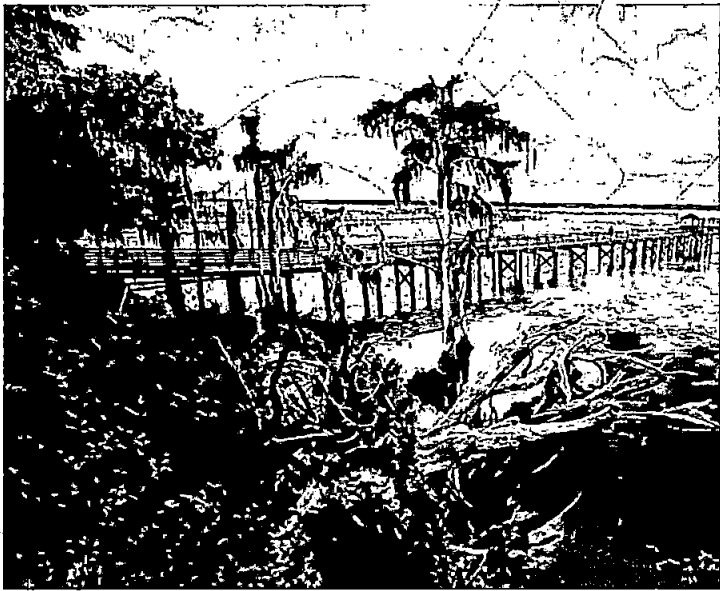
- Head south on US 1
- Turn left onto Shore Dr.
- Continue on Shore Dr.
- Turn left at 1039 Shore Dr. (Douglas Crane Boat Ramp -Trailhead starting point)

Exhibit H – Capital Improvements Schedule

Please refer to page 9 of the St Johns County
Parks & Recreation Master Plan for list of
priorities



St. Johns County



Parks and Recreation Master Plan

DRAFT Report
February 2019

Acknowledgments

St. Johns County Board of County Commissioners

James K. Johns
Commissioner, District 1

Jeb Smith, Vice-Chair
Commissioner, District 2

Paul M. Waldron, Chair
Commissioner, District 3

Jeremiah Ray Blocker
Commissioner, District 4

Henry Dean - Vice Chair
Commissioner, District 5

St. Johns County Staff

Michael D. Wanchick, County Administrator

Billy Zeits, Interim Director of Parks and Recreation

Sidney Lindblad, Beach Services Supervisor

Barbara Moubray, Administrative Coordinator

P

Barth Associates, LLC

David Barth, PhD, PLA, AICP, CPRP

Lynn Hayes

Terry Clark, AICP

Chris Tatham

Perez Planning + Design, LLC

Carlos Perez, PLA

Abhishek Behera

Carley Rickles

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EX EXECUTIVE SUMMARY





EXECUTIVE SUMMARY

Purpose of the Plan

An article in The St. Augustine Record reported that "St. Johns County was among the nation's fastest growing counties in the latest report from the U.S. Census Bureau". Key statistics from the article included:

- St. Johns County was No. 36 on the list of fastest-growing counties from 2010-2016 based on housing construction, with a 10.7% increase in the number of housing units over that time period
- The County's population grew from 190,039 to 226,460 over that same time period, an increase of almost 20%
- A March 2016 report ranked the County No. 15 in the country based on population growth

A second article in the same edition of the paper reported on the increase in tourism in St. Johns County: "there were 6.3 million visitors to the County last year, an increase of about a million from the previous year. Those tourists spent \$1.7 billion, supporting 27 percent of the total employment of the County". "We have never seen a more positive outlook" for tourism in the state and County, said market research firm MMGY Global.

Both residents and visitors are drawn to the County because of its high quality of life, due in part to its great beaches, natural areas, parks, boat ramps, trails and other elements of its parks and recreation system. In order to continue to attract

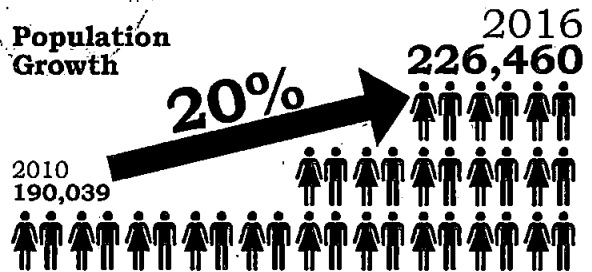
St. Johns County Growth Highlights



Housing Unit Growth



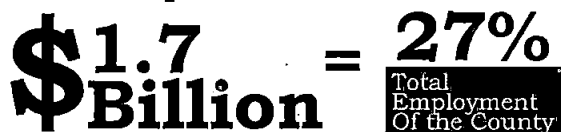
Population Growth



County Visitors/Tourist Growth



Tourist Expenditures



new residents, businesses, and visitors, the County must continue to provide the same, high quality of life and level-of-service that makes St. Johns County such a great place to live, work, and play. The purpose of this Recreation Master Plan is to create a long-range vision for the County's Parks and Recreation System; and a strategy to implement the vision over time as the County's population continues to grow.

Planning Process

The Recreation Master Plan was developed over a three-year period from summer 2015 to spring 2017. The Plan was completed in two phases:

- Phase One included an Evaluation of the Existing System, and a Needs and Priorities Assessment, to identify the "gap" between existing and desired future conditions. Findings from Phase One are summarized in Sections 1 and 2 of this Report.
- Phase Two of the Plan included a Long-Range Vision and Implementation Strategy that responded to residents' needs and priorities, summarized in Sections 3 and 4.

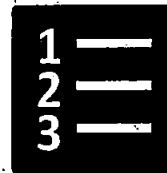
Planning Process

Phase 1

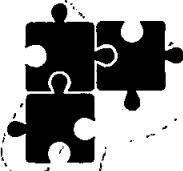


**Evaluation
of Existing
Parks System**

+



**Parks
System
Needs and
Priorities**



Gap

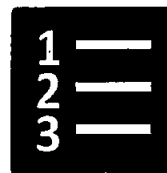
**Between Existing
and Desired Future
Parks System
Conditions**

Phase 2



**Long-Range
Parks System
Vision**

+



**Parks
System
Needs and
Priorities**



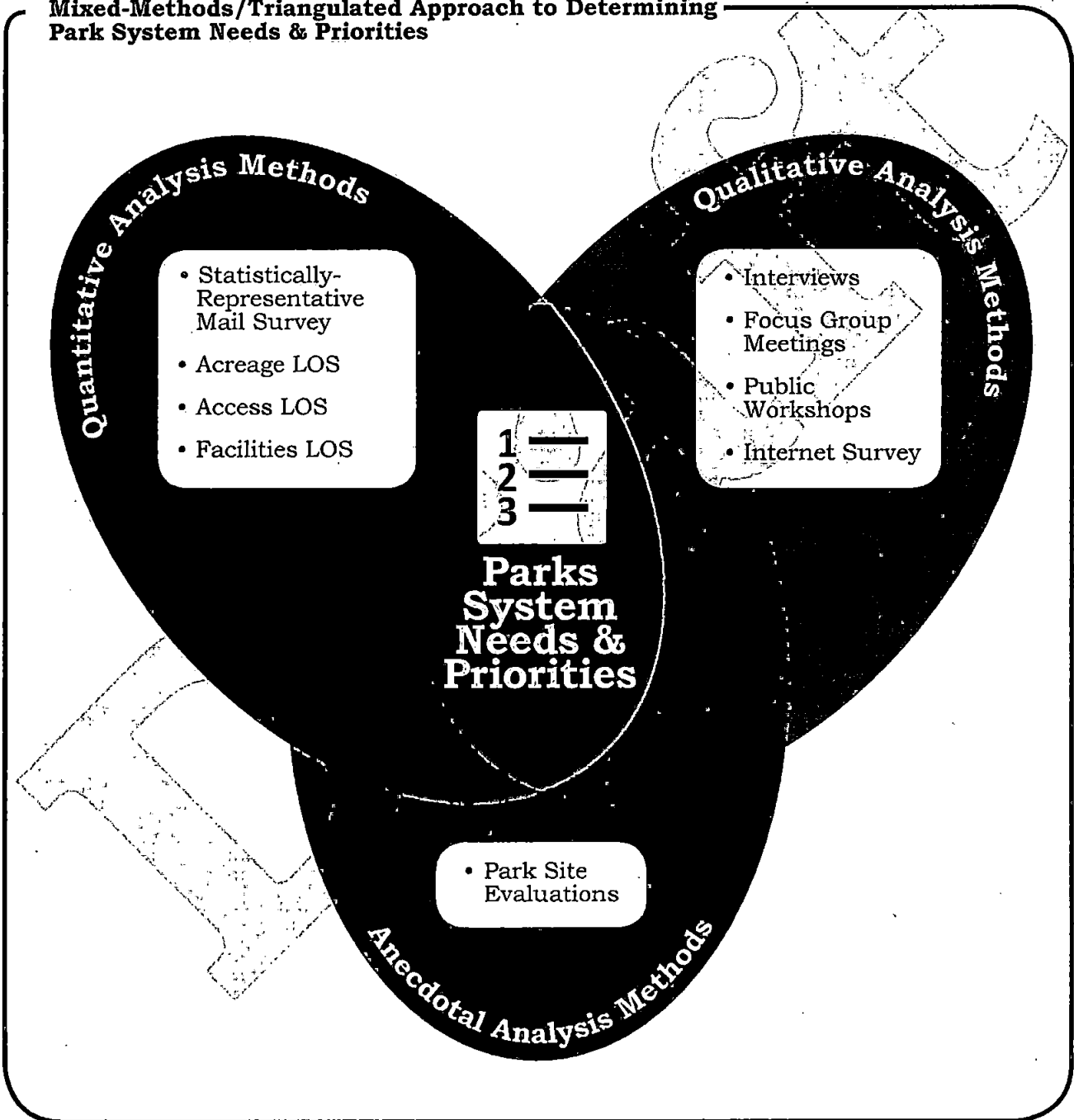
**Imple-
menta-
tion
Strategy**



Summary of Findings

Barth Associates used a “mixed-methods, triangulated” approach to determining residents’ needs and priorities, including site evaluations, level-of-service (LOS) analysis, interviews, focus group meetings, public workshops, a statistically-representative mail survey, and an internet survey. The findings from the various needs assessment techniques were aggregated to determine resident’s top priority needs. More “weight” was given to the findings from the mail survey, the only statistically-representative technique.

Mixed-Methods/Triangulated Approach to Determining Park System Needs & Priorities



Based on the needs assessment, top priorities appear to include:

- **Additional walking and biking trails, nature trails**
- Additional beach parks, beach access parks, and parking
- Acquisition of parks, open space, and natural areas, including small neighborhood parks
- Indoor exercise and fitness facilities, gymnasiums
- Upgrade, repair, and maintain existing parks and sports facilities, including ADA compliance
- Develop new sports facilities, particularly rectangular athletic fields (football, soccer, multi-purpose)
- Provide additional adult fitness and wellness programs; concerts/ live music; and nature/ environmental programs

Another top priority is to improve marketing and communications. The mail survey and on-line survey both found that the top reason preventing households from using parks, facilities, and programs is "I do not know what is being offered" (40%). It is possible that increased awareness may diminish some of the need for additional facilities.

Long-Range Vision

There are no state or national standards that define the "most appropriate" parks and recreation vision for the County. Instead, each community must decide what facilities and programs to provide based on community values, ideology, preferences, and finances.

It is also helpful to review the latest parks and recreation trends, practices, and guiding principles. With these in mind, County staff and consultants met with key

Top Priority Parks System Needs



Additional Walking & Biking Trails



Additional Beach Parks & Beach Access



Acquisition of Park Land



Indoor Fitness Facilities/ Gymnasiums



Upgrade & Repair Existing Parks



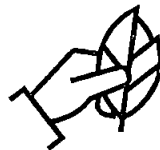
Develop New Sports Facilities/ Athletic Fields



Additional Adult Fitness & Wellness Programs



Additional Concerts/Live Music



Additional Nature/ Environmental Programs



Improved Marketing/ Communication



Exhibit I – SCORP



St. Johns County Board of County Commissioners

Parks & Recreation Department

Exhibit I

"When asked which recreational facilities they would like to see provided in their county, residents overwhelming replied "trails.""

Almost all surveys performed showed fitness walking/jogging, bicycling as the top priorities for citizens. This proposed trail accomplishes this for the residents of the St Johns County. Developing this trail go hand in hand with Priority Area One: Health and Well-Being. This trail promotes an active and healthy lifestyle in the outdoors along a beautiful 3 mile stretch of parkland.

This proposed trail will be constructed to be ADA compliant and will provide accessibility as outlined in priority area two. Additionally, this proposed trail would located between two existing county parks and would create connectivity to both of them for the neighborhood and community alike. One of the main objectives of this proposed trail is to increase the safety of the general public, this trail will bring the pedestrians and cyclists off the road and onto a safe trail.

Exhibit J – State Greenways and Trails Plan



St. Johns County Board of County Commissioners

Parks & Recreation Department

Exhibit J

It is understood that the role of the Florida Greenways and Trails System Plan is to advance Florida's economy, tourism, health, transportation, recreation, conservation and quality of life.

The proposed Shore Dr. Trail will increase access along the 3.2 mile stretch of St Johns County Parkland which in return will provide opportunity to increase the health of the community. The trail will encourage individuals to get outdoors and promote a healthy lifestyle as walking, jogging and bicycling would all be available on this trail. This trail is also centered between two current St Johns County Park boat ramps and will provide transportation to and from them as well as access to both locations. Additionally, a small community park is situated between the two boat ramps that the trail would cross through. The two current boat ramps have outdoor viewing space of the intercostal waterway, fishing and boat access and the small community park is a great resting spot with later designs of a pavilion to oversee the waterway in the future. The proposed trail runs parallel to a beautiful marsh and lookout of the intercostal waterway which provides an abundance of wildlife for the viewing pleasure for the public. Additionally this land is registered with FNAI as a conservation property so it will provide conservation and natural area for years to come.

**Exhibit K – Service Corps
NOT APPLICABLE**

Exhibit L – Department of State Letter



FLORIDA DEPARTMENT of STATE

RON DESANTIS
Governor

LAUREL M. LEE
Secretary of State

St. Johns County Growth Management
4040 Lewis Speedway
St. Augustine, Florida 32084

January 14, 2021

RE: DHR Project File No.: 2021-0033,
County: St. Johns
Project: Anticipated Recreational Trails Program (RTP) Application

Received by DHR: January 4, 2021

To Whom It May Concern,

Our office received and reviewed the above referenced project for possible effects on historic properties listed, or eligible for listing, on the *National Register of Historic Places* (NRHP). The review was conducted in accordance with Section 106 of the *National Historic Preservation Act of 1966*, as amended, and its implementing regulations in *36 CFR Part 800: Protection of Historic Properties*.

St. Johns County Parks and Recreation requested this review in anticipation of applying for a Recreational Trails Program (RTP) grant which is funded by the Federal Highway Administration (FHWA).

A review of the Florida Master Site File (FMSF) indicates that the project area has not been comprehensively surveyed for historical and archaeological resources and contains previously recorded general vicinity (GV) archaeological sites. Further, there exists the potential of encountering similar cultural resources during ground-disturbing activities, therefore, we recommend that the project area subjected to a professional cultural resources assessment survey. The resultant survey report should conform to the provisions of Chapter 1A-46, *Florida Administrative Code* (FAC), and should be sent to our office upon completion. The report will help us complete the review process and provide comments or recommendations to the permitting agency in a timely fashion.

The Division of Historical Resources cannot endorse specific archaeological or historic preservation consultants. However, the American Cultural Resources Association maintains a listing of professional consultants at www.acra-crm.org, and the Register of Professional Archaeologists maintains a membership directory at www.rpanet.org. The Division encourages checking references and recent work history.

If I can be of any further help, or if you have any questions about this letter, please feel free to contact Lindsay Rothrock at Lindsay.Rothrock@dos.myflorida.com.

Sincerely,

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



FLORIDA DEPARTMENT OF STATE
DIVISION OF HISTORICAL RESOURCES

MINIMUM REVIEW DOCUMENTATION REQUIREMENTS

■ **Division Involvement** - Provide the name of the federal, state or local authority and the applicable law, ordinance, license or permit requiring the Division of Historical Resources (DHR) and/ or the State Historic Preservation (SHPO) review. Please be as specific as possible, examples: *US Department of Housing and Urban Development - Community Development Block Grant.*

■ **Project Address/Location** – Provide the street address, city, zip code, section-township-range (coordinates from legal description) and the Tax Parcel identification number

■ **Location Map(s)** - Provide a general property location map. Also provide a USGS Quadrangle location map and/or a parcel location map from the County Property Appraisers web site.

■ **Photographs** - Provide photographs of the building(s) to be acquired under this program (photographs all four sides of the building(s) preferred). In addition, photographs of specific elements of the building(s) that could be or will be affected by the project if applicable (rehabilitation work, e.g., window replacements, new siding).

■ **Record Search** – Provide correspondence from the sources:

- Florida Master Site File at 850.245.6440 to determine if the building(s) are listed in the National Register of Historic Places.
- County or City planning offices, Certified Local Government offices, and historical societies or organizations – to determine if the building(s) are locally designated or determined to be historically significant and/or if building(s) are contributing to an identified/recognized historic district or neighborhood.

■ **Historic Districts** – Please indicate if the project is located within a designated historic district or a historic neighborhood of house all of the same time period (majority 50 years of age or older).

■ **Building Description** – Provide a description of the subject property, including year of construction, previous alteration or additions.

■ **Project Description** – Provide a detailed written description of the proposed project, including related activities, which will be carried out in conjunction with the project. Indicated whether the project will include rehabilitation, demolition and/or new construction

- **Rehabilitation Description** – Provide a detailed written description of the rehabilitation project including interior and exterior descriptions
- **Demolition Description** – Provide a statement of justification (be specific) for the demolition and detailed written description of the condition of the subject property (accompany with photographs). Provide a date for the proposed demolition
- **New Construction Description** – Provide information of the new construction. If within a historic district drawings may be required

■ **Finding of Effect** – Describe what effect the undertaking will have on historic properties. Provide a finding of effect ("No historic properties affected" or "No adverse effect" or "Adverse Effect") as described in 36 CFR Part 800.

■ **Contact Information** – Name of contact, return address, and phone number.

Please note that the review time for projects is approximately thirty days. If you have any questions, please contact the Review and Compliance Section at 850.245.6333 or visit our web site at <http://www.flheritage.com/preservation/compliance/review>.

Please submit documentation to: State Historic Preservation Officer
Compliance & Review Section
Division of Historical Resources
Florida Department of State
500 South Bronough Street – 4th Floor
Tallahassee, Florida 32399-0250

Division Involvement

St. Johns County Parks and Recreation staff will be submitting an application to the Department of Environmental Protection (DEP) for the Recreational Trails Program (RTP). As part of the application package, Exhibit L, the County must provide a copy of the letter from the Florida Department of State discussing "Features or areas of historic, cultural, biological, or archaeological significance."

Project Address/Location

The proposed project are is located on the east side of Shore Drive in St. Augustine, Florida, 32084. Parcel numbers: 225660-0000, 227700-0000, 228650-0000, 231720-0000, 235180-0000, 237820-0000, 238700-0000, 240920-0000, and 242750-0000.

S/T/R: 41, 31, 32 /7 South/30 East and 47, 6, 51/8 South/30 East

Location Map(s)

Provided – General Location Map and proposed project area on 2018 St. Augustine Beach Quadrangle

Photographs

Provided.

Record Search

There are no historic structures listed, or eligible for listing, in the *National Register of Historic Places* (NRHP) within the proposed project area.

Review from the Florida Master Site File (FMSF): Letter provided.

Review from County: A review of the Florida Master Site File (FMSF) data indicates that there is one historic structure recorded in the vicinity of the proposed project area, US 1 East (8SJ02942 – Not Evaluated).

There are three general vicinity archaeological sites recorded within the proposed project area – St. Augustine South Midden (8SJ03162 – Not Evaluated), Lewis Point Midden (8SJ03164 – Not Evaluated), and Moultrie Branch Midden (8SJ03161 – Not Eligible).

Historic Districts

The proposed project area is not located within a designated historic district. The proposed project area is located in a historic neighborhood (circa 1950s) and the area was identified as "Park" in the early subdivision maps.

Building Description

Not applicable.

Project Description

New Construction Description: The trail is proposed in previously undeveloped areas recorded as "Park" in the original subdivision maps submitted to the County. The proposed project is an approximately 3 mile, 8-foot wide, paved multi-purpose, non-motorized trail between Shore Drive and the Matanzas River.

Finding of Effect

The proposed project should have no effect on properties listed, or eligible for listing, in the *National Register of Historic Places*, provided the following conditions are met:

- A cultural resources assessment survey (CRAS) conducted by County staff and/or professional Cultural Resources Management Company hired by the applicant prior to construction.
- If significant cultural deposits are identified as part of the Phase I CRAS, the County will consult with DHR to avoid, minimize, or mitigate any adverse impacts to the site.
- Optional: Applicant will provide a professional archaeologist to monitor project activities that may impact the archaeological site.

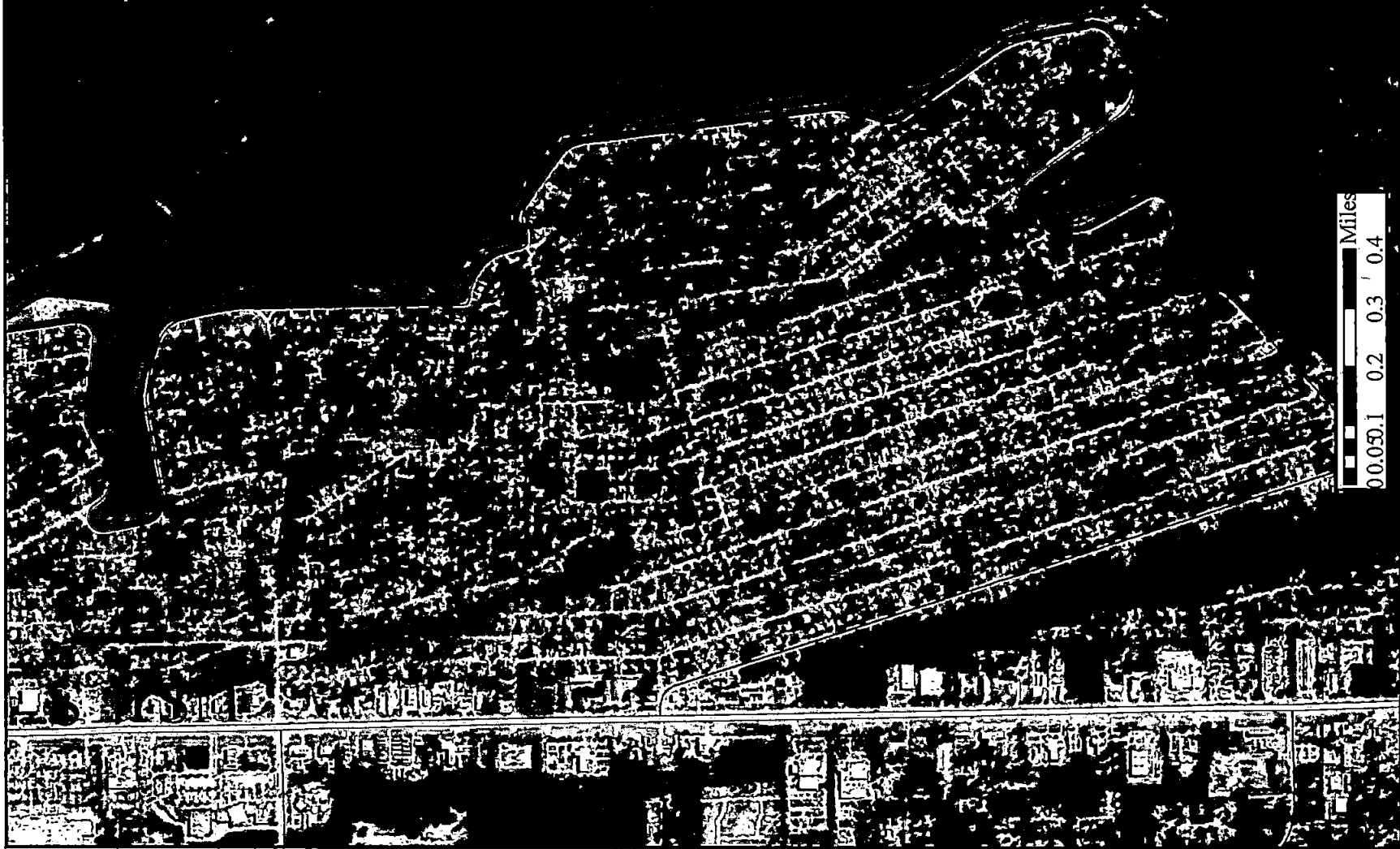
Contact Information

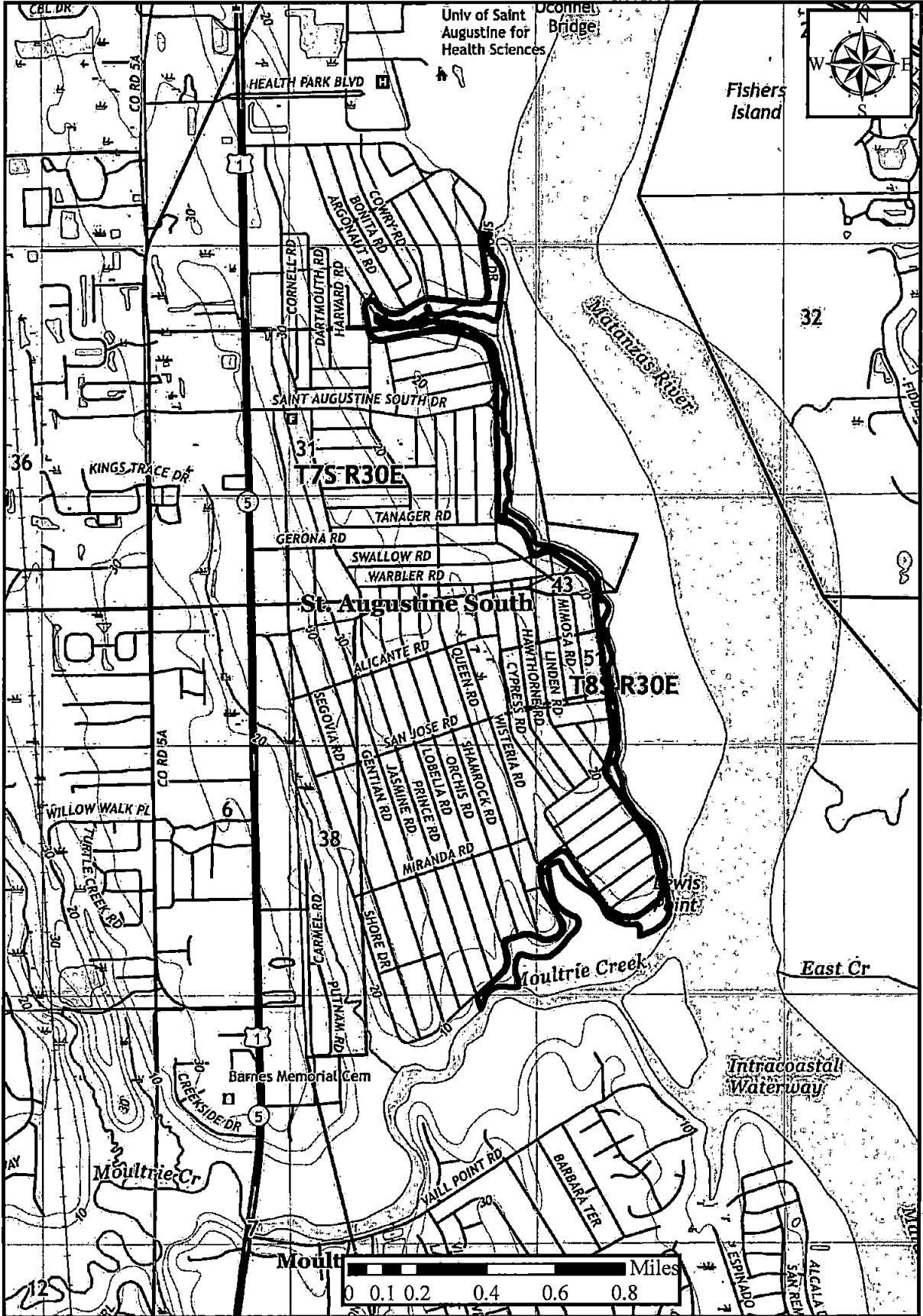
Nathan Otter
Superintendent of Natural Resources
St. Johns County Board of County Commissioners
901 Pope Rd
St. Augustine Beach, Florida 32080
(904) 209-0328
notter@sjcfl.us

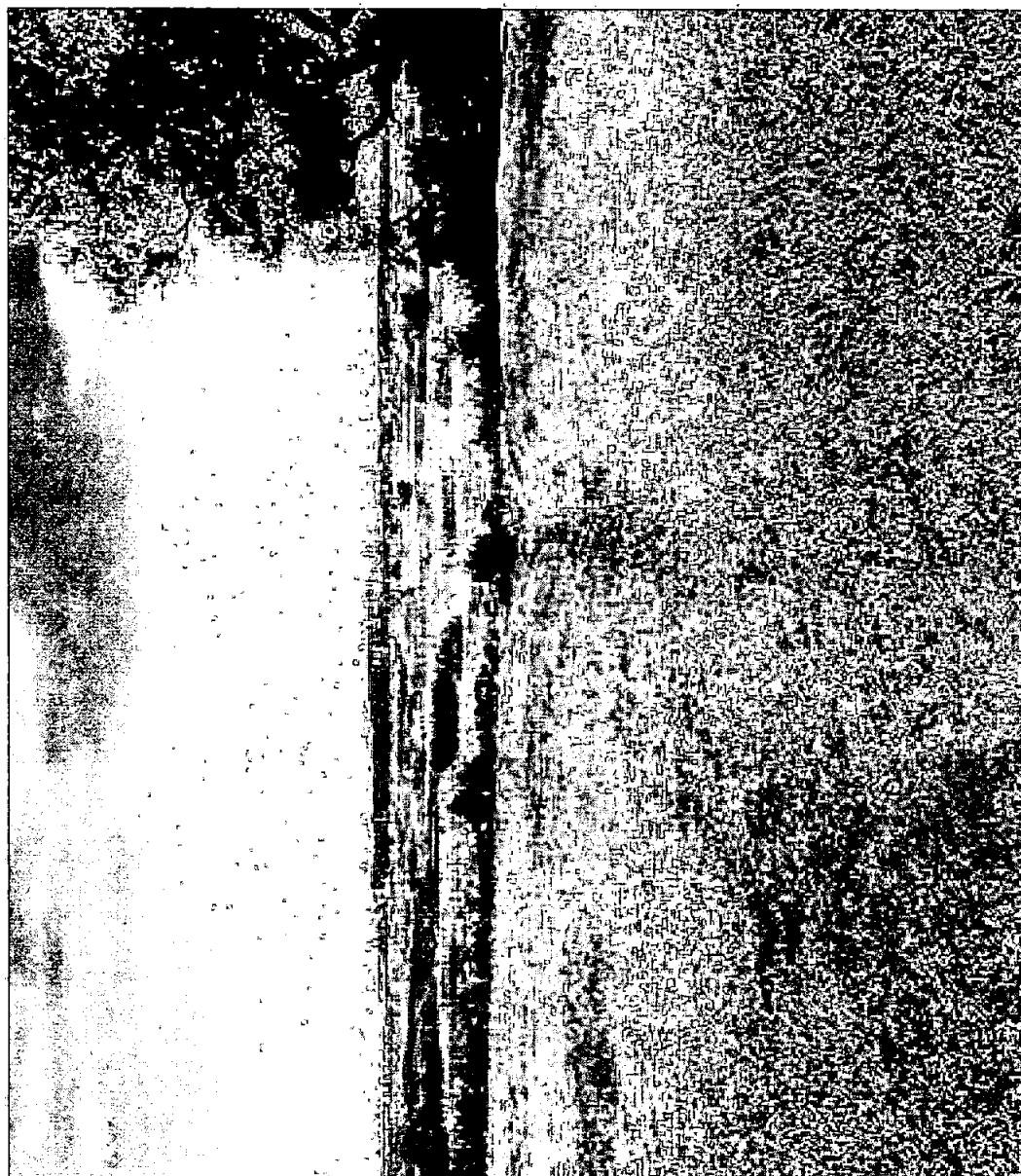
Mercedes Harrold
Cultural Resources Coordinator
Registered Professional Archaeologist (44245863)
St. Johns County Growth Management
4040 Lewis Speedway
St. Augustine, Florida 32084
(904) 209-0623
mharrold@sjcfl.us

Location Maps

General Project Location, St Augustine Beach 2018 Quadrangle



















FMSF Correspondence



This record search is for informational purposes only and does **NOT** constitute a project review. This search only identifies resources recorded at the Florida Master Site File and does **NOT** provide project approval from the Division of Historical Resources. Contact the Compliance and Review Section of the Division of Historical Resources at CompliancePermits@dos.MyFlorida.com for project review information.

January 5, 2021

Mercedes E. Harrold, M.A., RPA
Cultural Resources Coordinator
Registered Professional Archaeologist (44245863)
St. Johns County Growth Management
4040 Lewis Speedway
St. Augustine, Florida 32084
mharrold@sjcfl.us

In response to your request on January 4, 2021, the Florida Master Site File lists four archeological sites recorded at designated property located east side of Shore Drive in St. Augustine, Florida, 32084.

Parcel numbers: 225660-0000, 227700-0000, 228650-0000, 231720-0000, 235180-0000, 237820-0000, 238700-0000, 240920-0000, and 242750-0000.

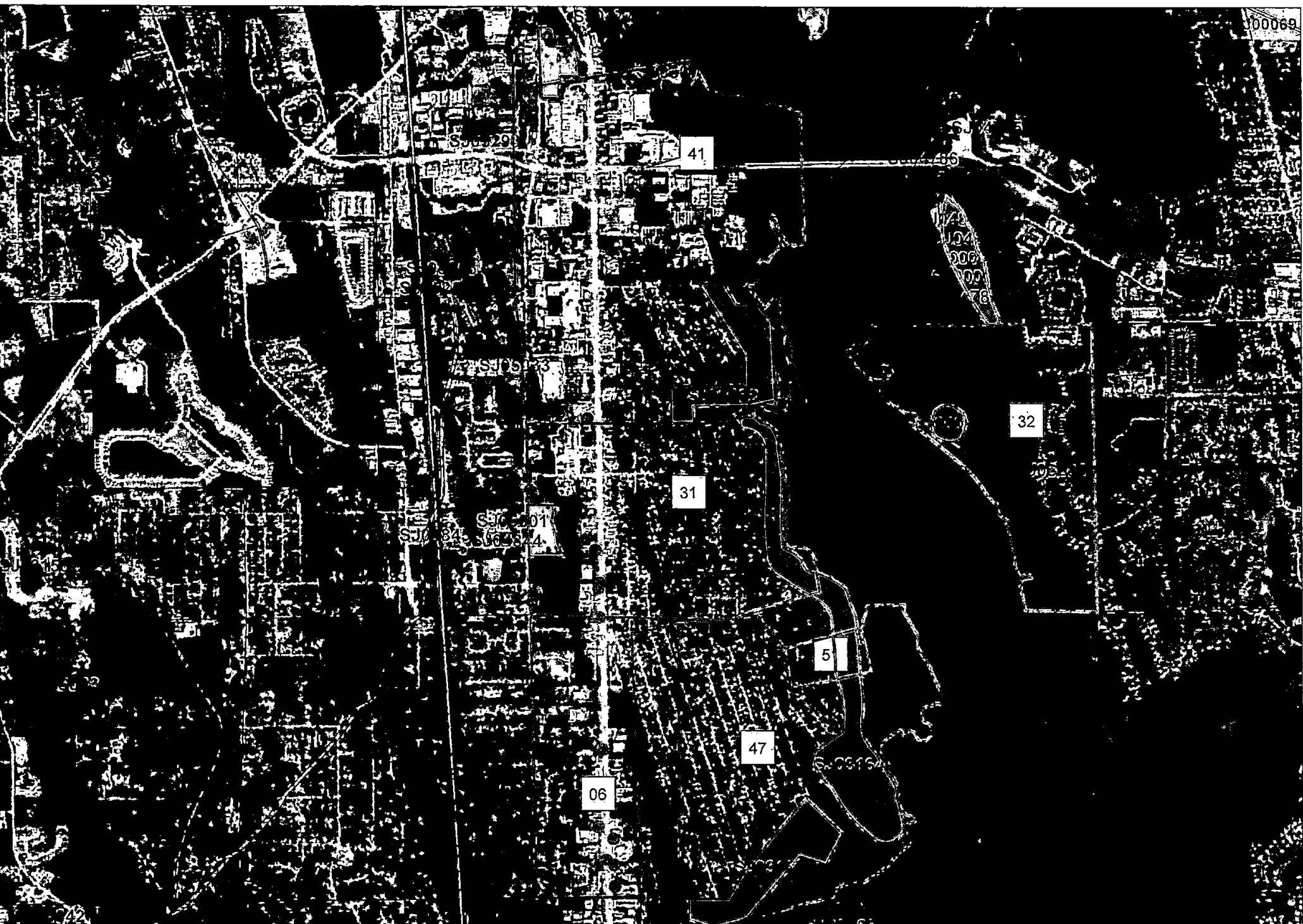
When interpreting the results of our search, please consider the following information:

- This search area may contain *unrecorded* archaeological sites, historical structures or other resources even if previously surveyed for cultural resources.
- Because vandalism and looting are common at Florida sites, we ask that you limit the distribution of location information on archaeological sites.
- While many of our records document historically significant resources, the documentation of a resource at the Florida Master Site File does not necessarily mean the resource is historically significant.
- Federal, state and local laws require formal environmental review for most projects. This search **DOES NOT** constitute such a review. If your project falls under these laws, you should contact the Compliance and Review Section of the Division of Historical Resources at CompliancePermits@dos.MyFlorida.com

Please do not hesitate to contact us if you have any questions regarding the results of this search.

Sincerely,

Eman M. Vovsi, Ph.D.
Florida Master Site File
Eman.Vovsi@DOS.MyFlorida.com



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community; Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Exhibit M – FNAI



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

January 12, 2021

Nathan Otter
Parks & Recreation Division
St. Johns County Board of County Commissioners
901 E Pope Rd
St Augustine, FL 32080

Dear Mr. Otter,

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: Shore Dr. Trail RTP
Date Received: 1/5/2021
Location: St Johns County

Element Occurrences

A search of our maps and database indicates that we currently have several 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.

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

Likely and Potential Rare Species

In addition to documented occurrences, other rare species and natural communities may be identified on or near the site based on habitat models and species range models (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.



Florida Resources
and Environmental
Analysis Center

Institute of Science
and Public Affairs

The Florida State University

Tracking Florida's Biodiversity

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 the Shore Drive Park, managed by St. Johns County.

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 Northeast Florida Blueway 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.

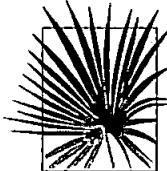
Thank you for your use of FNAI services. If I can be of further assistance, please contact me at (850) 224-8207 or at kbrinegar@fnai.fsu.edu.

Sincerely,

Kerri Brinegar

Kerri Brinegar
GIS / Data Services

Encl



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Element Occurrences

- Animals
- ⊙ Plants
- Communities
- Other
- Data Sensitive

⊙ Point Indicates General Vicinity of Element

⊙ U.S. Fish & Wildlife Service Scrub Jay Survey 1992-96

Conservation Lands

- Federal
- State
- Local
- Private
- ▨ State Aquatic Preserves



Land Acquisition Projects

- ▨ Florida Forever
- ▨ Board of Trustees Projects

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

- ▨ County Boundary
- ▨ Roads
- ▨ Water

NOTE

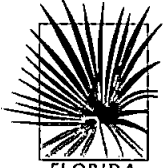
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Shore Dr. Trail RTP

Site boundaries are approximate.

St Johns County





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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.

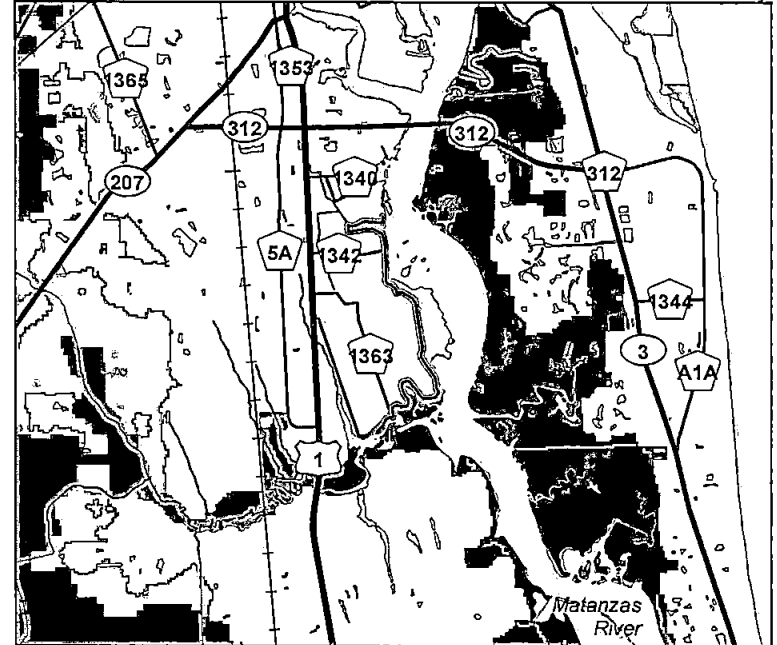
Shore Dr. Trail RTP

Site boundaries are approximate.

St Johns County



CLIP Biodiversity Resource Priorities



CLIP Landscape Resource Priorities



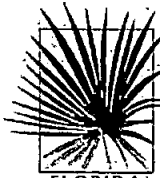
CLIP Surface Water Resource Priorities



CLIP Aggregated Resource Priorities



Map produced by KAB
1/12/2021



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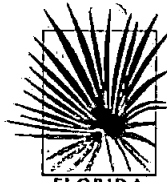
FLORIDA
Natural Areas
INVENTORY

FNAI ELEMENT OCCURRENCE REPORT on or near
Shore Dr. Trail RTP



Global State Federal State Observation

Map Label	Scientific Name	Common Name	Rank	Rank	Status	Listing	Date	Description	EO Comments
GOPHPOLY*610	<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST	1987 pre	No general description given	1987-pre: REPORTED BY RUFUS STRUTTON (U86DIE01FLUS).
HAEMPALL*87	<i>Haematopus palliatus</i>	American Oystercatcher	G5	S2	N	ST	1976	No general description given	1976: 08/11 5 birds; 09/05 9. 1977: 9/05 4 birds; 9/24 4. 1978: 6/02 2 birds; 6/16 9.
HALILEUC*1624	<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S3	N	N	2003	2005-07-12: Source does not provide a description.	Nest status: Active, 2003, 2002, 2001; Unknown status or not assessed, 2000, 1999;(U03FWC01FLUS)
PODOFLOR*81	<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	N	1957-11-02	Beach dune and transition to Maritime Hammock	1948-1957: 6 individuals collected from the general area of Anastasia Island (U85FSM01FLUS).
URSUFLO*95	<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T4	S4	N	N	2016	Large area of pine plantation, mesic and wet flatwoods, and dome and basin swamps; Largely private commercial timberland, nurseries, and small neighborhoods; public lands are dominated by pine plantation but also have flatwoods interspersed with dome swamps and patches of scrub; Large area of sand pine and oak scrub, mesic flatwoods, sandhill, depression marshes and hardwood swamps, pine plantation; regular harvesting of sand pine (U05SIM01FLUS).	2002: 1,025-1,539 bears estimated in the primary ranges in the Ocala-St. John's region. Part of a larger population that includes Okefenokee Swamp National Wildlife Refuge in Georgia (U05SIM01FLUS). 2014: 1,198 bears estimated in the Ocala-St. John's region and 495 estimated in the Osceola region (A16HUM01FLUS). 2016: polygons created to show where bears are considered 'Abundant' and 'Common' (U16FWC01FLUS) Primary is the FWC-designated core area that represents breeding range and contains documented evidence of reproduction or female bears within available habitat, and Secondary is the FWC-designated area where bears occur within available habitat but outside primary bear range (evidence of bears without documented evidence of reproduction) (U12FWC02FLUS, U05SIM01FLUS). These boundaries are based on decades of bear observations, roadkill distribution, nuisance bear locations, and bear research projects. For detailed location data contact the FWC.



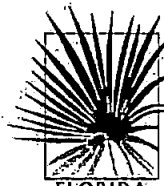
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Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
Matrix Unit ID: 47837					
Likely					
Mesic flatwoods <i>Mycteria americana</i>	Wood Stork	G4 G4	S4 S2	N T	N FT
Potential					
<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic Sturgeon	G3T3	S1	E	FE
<i>Asplenium x heteroresiliens</i>	Morzenti's spleenwort	G2	S1	N	N
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3	S2S3	N	T
<i>Calydorea coelestina</i>	Bartram's ixia	G2G3	S2S3	N	E
<i>Centrosema arenicola</i>	sand butterfly pea	G2Q	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>Lechea cernua</i>	nodding pinweed	G3	S3	N	T
<i>Lythrum curtissii</i>	Curtiss' loosestrife	G1	S1	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>Salix floridana</i>	Florida willow	G2	S2	N	E
<i>Trichechus manatus</i>	West Indian Manatee	G2G3	S2	T	FT
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T4	S4	N	N
Matrix Unit ID: 47839					
Likely					
Mesic flatwoods <i>Mycteria americana</i>	Wood Stork	G4 G4	S4 S2	N T	N FT
Potential					
<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic Sturgeon	G3T3	S1	E	FE
<i>Asplenium x heteroresiliens</i>	Morzenti's spleenwort	G2	S1	N	N
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3	S2S3	N	T
<i>Calydorea coelestina</i>	Bartram's ixia	G2G3	S2S3	N	E
<i>Centrosema arenicola</i>	sand butterfly pea	G2Q	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>Lechea cernua</i>	nodding pinweed	G3	S3	N	T
<i>Litsea aestivalis</i>	pondspice	G3?	S2	N	E
<i>Lythrum curtissii</i>	Curtiss' loosestrife	G1	S1	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>Salix floridana</i>	Florida willow	G2	S2	N	E
<i>Trichechus manatus</i>	West Indian Manatee	G2G3	S2	T	FT

Definitions: Documented - Rare species and natural communities documented on or near this site.
 Documented-Historic - Rare species and natural communities documented, but not observed/reported within the last twenty years.
 Likely - Rare species and natural communities likely to occur on this site based on suitable habitat and/or known occurrences in the vicinity.
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Florida Natural Areas Inventory Biodiversity Matrix Report



Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Listing
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T4	S4	N	N
Matrix Unit ID: 48196					
Likely					
<i>Mycteria americana</i>	Wood Stork	G4	S2	T	FT
Potential					
<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic Sturgeon	G3T3	S1	E	FE
<i>Asplenium x heteroresiliens</i>	Morzentii's spleenwort	G2	S1	N	N
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3	S2S3	N	T
<i>Calydorea coelestina</i>	Bartram's ixia	G2G3	S2S3	N	E
<i>Centrosema arenicola</i>	sand butterfly pea	G2Q	S2	N	E
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S2?	T	FT
<i>Glandularia maritima</i>	coastal vervain	G3	S3	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Lechea cernua</i>	nodding pinweed	G3	S3	N	T
<i>Lythrum curtissii</i>	Curtiss' loosestrife	G1	S1	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>Pteroglossaspis ecristata</i>	giant orchid	G2G3	S2	N	T
<i>Salix floridana</i>	Florida willow	G2	S2	N	E
<i>Trichechus manatus</i>	West Indian Manatee	G2G3	S2	T	FT
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T4	S4	N	N

Matrix Unit ID: 48197

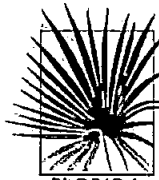
Likely

<i>Mycteria americana</i>	Wood Stork	G4	S2	T	FT
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Potential

<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic Sturgeon	G3T3	S1	E	FE
<i>Asplenium x heteroresiliens</i>	Morzentii's spleenwort	G2	S1	N	N
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3	S2S3	N	T
<i>Calydorea coelestina</i>	Bartram's ixia	G2G3	S2S3	N	E
<i>Centrosema arenicola</i>	sand butterfly pea	G2Q	S2	N	E
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S2?	T	FT
<i>Glandularia maritima</i>	coastal vervain	G3	S3	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Haematopus palliatus</i>	American Oystercatcher	G5	S2	N	ST
<i>Lechea cernua</i>	nodding pinweed	G3	S3	N	T
<i>Lythrum curtissii</i>	Curtiss' loosestrife	G1	S1	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>Neovison vison lutensis</i>	Atlantic Salt Marsh Mink	G5T3	S3	N	N
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	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
<i>Pteroglossaspis ecristata</i>	giant orchid	G2G3	S2	N	T
<i>Salix floridana</i>	Florida willow	G2	S2	N	E
<i>Trichechus manatus</i>	West Indian Manatee	G2G3	S2	T	FT
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T4	S4	N	N

Matrix Unit ID: 48198

Likely

<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S3	N	N
<i>Mycteria americana</i>	Wood Stork	G4	S2	T	FT

Potential

<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic Sturgeon	G3T3	S1	E	FE
<i>Asplenium x heteroresiliens</i>	Morzenti's spleenwort	G2	S1	N	N
<i>Calopogon multiflorus</i>	many-flowered grass-pink	G2G3	S2S3	N	T
<i>Calydorea coelestina</i>	Bartram's ixia	G2G3	S2S3	N	E
<i>Centrosema arenicola</i>	sand butterfly pea	G2Q	S2	N	E
<i>Drymarchon couperi</i>	Eastern Indigo Snake	G3	S2?	T	FT
<i>Glandularia maritima</i>	coastal vervain	G3	S3	N	E
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	C	ST
<i>Haematopus palliatus</i>	American Oystercatcher	G5	S2	N	ST
<i>Lythrum curtissii</i>	Curtiss' loosestrife	G1	S1	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>Neovison vison-lutensis</i>	Atlantic Salt Marsh Mink	G5T3	S3	N	N
<i>Peromyscus polionotus phasma</i>	Anastasia Island Beach Mouse	G5T1	S1	E	FE
<i>Podomys floridanus</i>	Florida Mouse	G3	S3	N	N
<i>Salix floridana</i>	Florida willow	G2	S2	N	E
<i>Trichechus manatus</i>	West Indian Manatee	G2G3	S2	T	FT
<i>Ursus americanus floridanus</i>	Florida Black Bear	G5T4	S4	N	N

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

Elements and Element Occurrences

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

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

Element Ranking and Legal Status

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

FNAI GLOBAL ELEMENT RANK

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

FNAI STATE ELEMENT RANK

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

FEDERAL LEGAL STATUS

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

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

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

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).

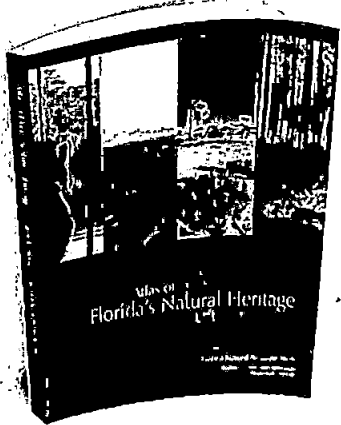
**ON SALE
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Atlas of Florida's Natural Heritage

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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Follow our blog – ***FNAI News & Notes***:

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and



**Exhibit N1 – Copy of public meeting
advertisement for SOLE PURPOSE....**

NOT APPLICABLE

**Exhibit N2 – Agenda and/or minutes of
REGULARLY SCHEDULED Recreation Advisory
Board meeting**



St. Johns County Board of County Commissioners

Parks & Recreation Department

RECREATION ADVISORY BOARD MEETING

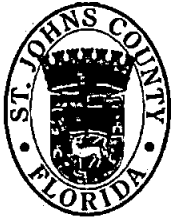
County Auditorium
500 Sebastian View | Saint Augustine | FL 32084

Thursday, January 14, 2021
2:00 PM

1. Call to Order
2. Approve December minutes
3. Public Comments (For non-agenda items only. 3 minutes per speaker.)
4. Reports
 - a. Casey Van Rysdam, Chairman
 - b. Paul Waldron, County Commissioner (BOCC Liaison)
 - c. Brad Bradley, Assistant County Administrator
 - d. Paul Abbatinuzzi, School Board Representative
 - e. Bert Watson, Park Foundation Liaison
5. New Business
 - a. Performance Dashboard, Doug Bataille
 - b. Shore Drive Trail
6. Staff Reports
 - a. Doug Bataille, Director
 - b. Jamie Baccari, Assistant Director
 - c. Sydney Lindblad, Natural Resources Project Manager
 - Beach Updates
 - d. Teddy Meyer, Rec Facilities Manager
 - Construction Project Updates
 - Deferred Maintenance Updates
7. Board Member Reports
8. Adjourn

ATTENDANCE POLICY REMINDER

The St. Johns County Board of County Commissioners' policy states "If any member of a Board fails to attend three (3) consecutive, regularly scheduled meetings or five (5) of twelve (12) regular or special meetings or workshops of the Board, the Board shall declare the member's office vacant." Staff is required to maintain a record of absences and enforce the attendance policy. Staff does not have the authority to make exceptions. However, if you are removed by staff for attendance reasons, you have the right to appeal to the BOCC for reinstatement. If you are unable to attend a scheduled meeting, please contact the Recording Secretary, 904.209.0385 or ehowington@sjcfl.us or contact the Parks and Recreation Main Office at 904.209.0333.



St. Johns County Board of County Commissioners

Parks & Recreation Department

RECREATION ADVISORY BOARD MEETING MINUTES JANUARY 14, 2021

Chair called the meeting to order at 2 PM. Staff worked out some technical difficulties.

Board members present: Chairman Casey Van Rysdam, Vice Chair Jillian McNiff-Villemaire, Ed.D, Harold Dockins, Brad Long, Marty McEachean, Bert Watson

Board members absent: Deb Chapin

Also present: Paul Abbatinuzzi, School Board Representative, Commissioner Paul Waldron (2:45 PM), Parks and Recreation Staff: Doug Bataille, Director, Jamie Baccari, Asst. Director, Teddy Meyer, Recreation Facility Manager, Sydney Lindblad, Beaches Manager, Diane Gorski, Project Specialist

Chairman called the meeting to order at 2 PM. After working out some kinks, roll was taken. Van Rysdam asked for approval of the 12/21/2020 minutes. Minutes approved 6/0. He then called for public comment for non-agenda items only.

Bill Bowen stated his 30 member Disc Golf group appreciated PR staff working on new signage for the course at the County Fairgrounds and their hope for expansion and other courses throughout the County.

Van Rysdam requested an update on the Sports Director position within the TDC. He requested that the TDC Director attend the next Recreation Advisory Board meeting to bring the Recreation Advisory Board up to speed on the status of the TDC, its funding and future plans. He asked Bataille to bring the Impact Fee presentation to the Recreation Advisory Board to the February meeting.

Abbatinuzzi explained that the School District would be following the same Covid-19 protocols for spring sports as they had during fall and winter sports (Social Distancing, masks) making adjustments based on capacity and CDC guidelines as needed.

Watson, Park Foundation is actively seeking and adding members. Van Rysdam requested a work shop with the Park Foundation and the Recreation Advisory Board. Watson invited the members to the next Foundation meeting.

Van Rysdam asked Bataille to give the Shore Drive Trail Presentation before the Performance Dashboard. Chair explained that staff was looking for Recreation Advisory Board approval to place the Shore Drive Trail, RTP grant on the Board of County Commissioners agenda to obtain permission to apply for the grant. The grant requires a County match and if approved provide up to \$400,000.

Bataille reviewed the Shore Drive Trail project, the public meeting with the St. Augustine Improvement Association and the results of the survey (188/65 in favor of the trail – 66% St.

Augustine South residents). The options for the width and materials for the proposed trail were explained.

Van Rysdam questioned whether or not the residency for the survey takers could be confirmed. He asked if the grant had specific requirements. Bataille stated that the grant was for a recreation trail and that there were no requirements. Van Rysdam asked about the budgeting for the project. Bataille confirmed it would be a FY22 project and that impact fees could be used. McNiff-Villemaire asked for clarification on the design of the trail in reference to distance from the water and whether it would be hidden from the road. Long mentioned the importance the width of the trail in consideration of design. Bataille stated that design would happen in later phases. That staff needed a recommendation for consideration of placement on the BOCC agenda. Dockins asked about the trail impacts to existing nature and drainage. Bataille mentioned that these issues would be covered in the permitting process. McEachean asked for project end date. Bataille stated that it was too difficult to determine at this time.

Public Comments for Shore Drive Trail (10 opposed/7support/1undecided):

- Michelle Alderman 1902 Shore Drive – Opposed (Home Owner)
- Dianne Campbell 138 Linden Road – Opposed (Home Owner)
- Daniel Sanderson 2318 Shore Drive – Opposed (Home Owner)
- Sharon Chambers 1810 Shore Drive – Opposed (Home Owner)
- Eric Searcy 2302 Shore Drive – Supports (Home Owner)
- Micheline Fountain (Boutine) 137 Linden Road – Opposed (Home Owner)
- Handly Carroway 312 Wisteria Road – Supports (Home Owner)
- Frances Lundberg 2406 Shore Drive – Opposed (Owner: Integrity Bldg & Design LLC)
- Oona Hoak 223 Argonaut Road – Opposed (Owner: Michael Don Jones ETAL)
- Alan Chappell 137 Egret Road - Supports (Home Owner)
- Joy Eickert 150 Argonaut Road – Undecided
- Jill Scales 4200 Shore Drive – Opposed (Home Owner)
- Dan Kelly 116 Hercules Road – Supports
- Margo Geer 249 Argonaut Road – Supports
- Philip McKenna 3510 Shore Drive – Opposed
- Mike Jones 228 Argonaut Road – Supports
- Dave Hankla 3702 Shore Drive – Supports
- George Watts 2230 Shore Drive – Opposed

Chair pushed Performance Dashboard to February meeting and asked the Recreation Advisory Board members to send questions to Bataille. He then called for member comments.

McNiff-Villemaire wanted a report from the Sheriff's Department regarding traffic issues and accidents and mentioned concern for the final design aesthetically. Van Rysdam encouraged members to ride down Shore Drive.

Long stated that he saw the issue from both sides and understands the viewpoint of wanting to keep things the way they are and also safety concerns. He felt that the timing of the project since it was first mentioned to present complicates things. He stated the park property belongs to St. Johns County and stated that development should be done in a professional and courteous matter. Long believes that throughout the process of permitting and design the residents' concerns can be alleviated. Was happy to see the community playing such an active

role in the process.

Dockins looks forward to the next steps and working through the issues discussed.

McEachean stated that he wanted to look over the project with Bataille to glean more information and understanding of the project.

Chair asked for a motion to approve the placement of the request for approval to apply for the RTP grant on the Board of County Commissioners next agenda. Dockins made the motion to recommend approval from the BOCC to apply for the grant. Van Rysdam stated that he wanted to obtain more public input, a traffic study and more detail and definition on the project in the interim. Bataille stated that the County's Neighborhood Bill of Rights gives the neighborhood notifications and the ability to acquire more information. He mentioned that he would be meeting with the St. Augustine South Improvement Association the week of January 17, 2021. He discussed the difficulty in getting a response to a survey in general. Bataille stated that obtaining public input is challenging.

McNiff-Villemaire asked for the RTP grant deadline for application. Bataille stated that the deadline was March 31, 2021. The Chair reiterated that the vote today was not for the project but for a recommendation to ask the County Commissioner for permission to apply for the grant. Watson seconded the motion to include the Chair's recommendations, Van Rysdam asked for clarification on the motion. Dockins motioned to make a recommendation to the Board of County Commissioners to allow Parks and Recreation apply for the RTP grant and require an additional survey of St. Augustine South residents and more information about the project, seconded by Watson.

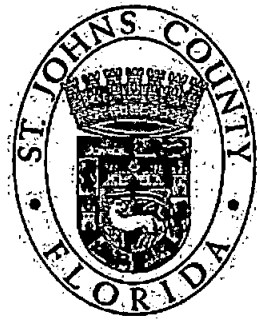
Motion approved 6/0.

Commissioner Waldron explained that the Recreation Advisory Board was an advisory board, not a government body that made decisions. The public should reach out to the Commission with questions and concerns.

All other business was moved to the February Recreation Advisory Board meeting. Bataille stated that we could reopen the survey again. There was a consensus of the Board to do so. Long mentioned communication with the residents as a crucial component of the project. McNiff-Villemaire wanted to know if there was a way to certify that the survey responders were South residents and the Shore Drive residents were given precedence. Dockins concurred.

Long motioned to adjourn, Dockins seconded the motion. Meeting was adjourned at 3:35 PM.

Exhibit N3 – Presentation or Survey



St. Johns County Parks and Recreation

**Shore Drive Park Land
Improvements and
Procedures**

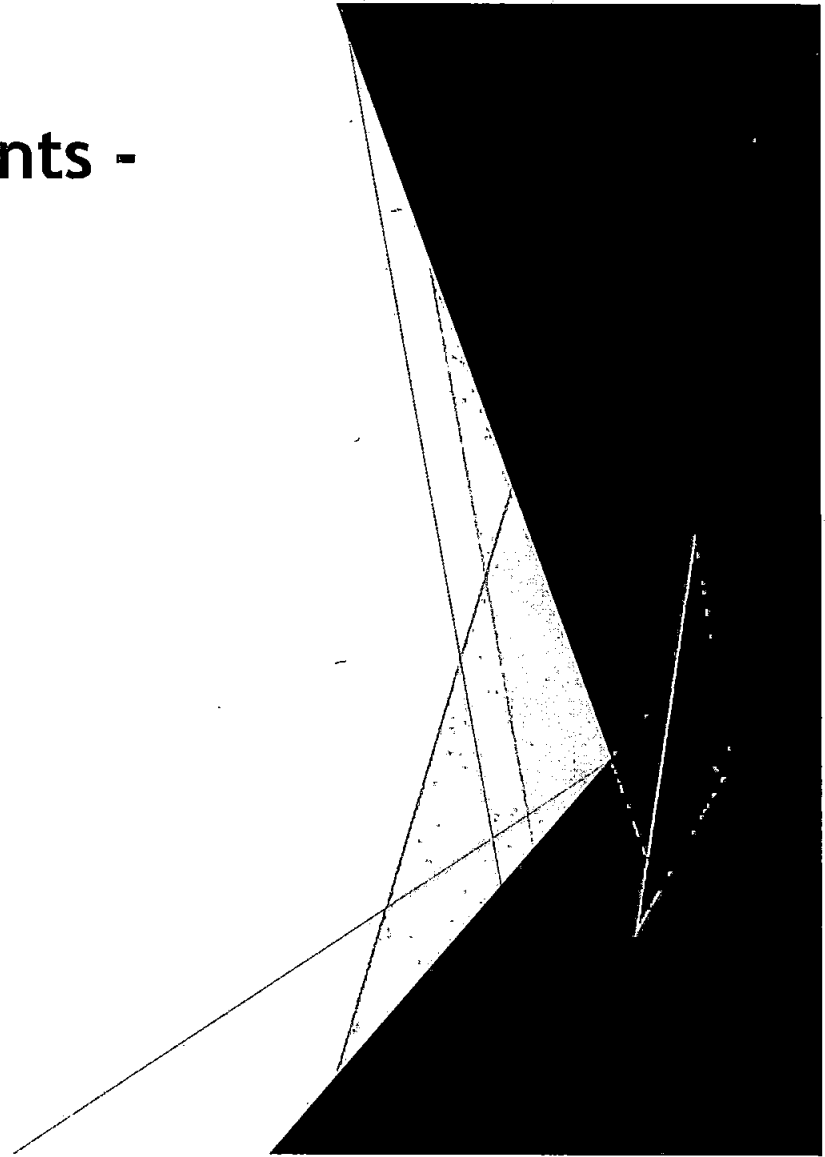
Agenda

- ▶ Doug Crane Boat Launch Improvements
- ▶ Shore Drive Docks
- ▶ Shore Drive Trees and bushes
- ▶ Shore Drive Mowing
- ▶ Proposed Shore Drive Pedestrian/bicycle Trail
- ▶ Fire Station redevelopment



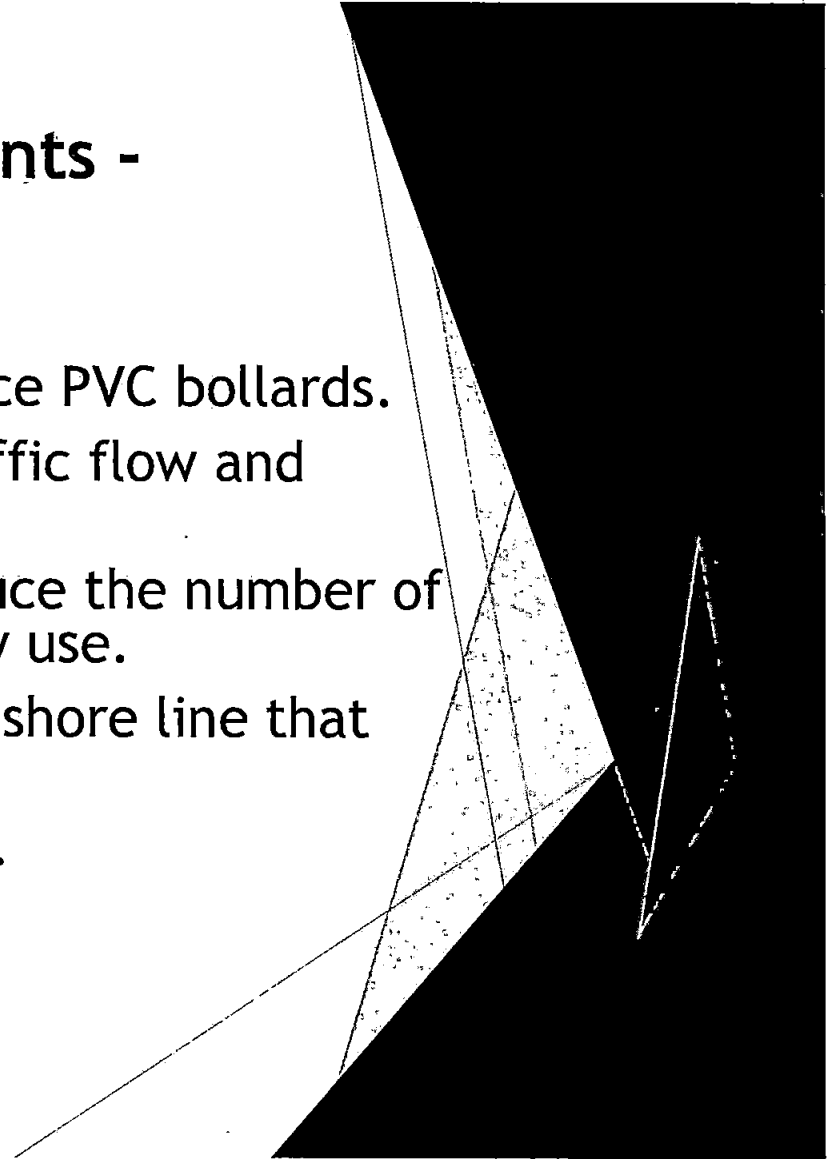
Doug Crane Boat Ramp Improvements - Phase I

- Add two floating docks
- Two gangway walkouts

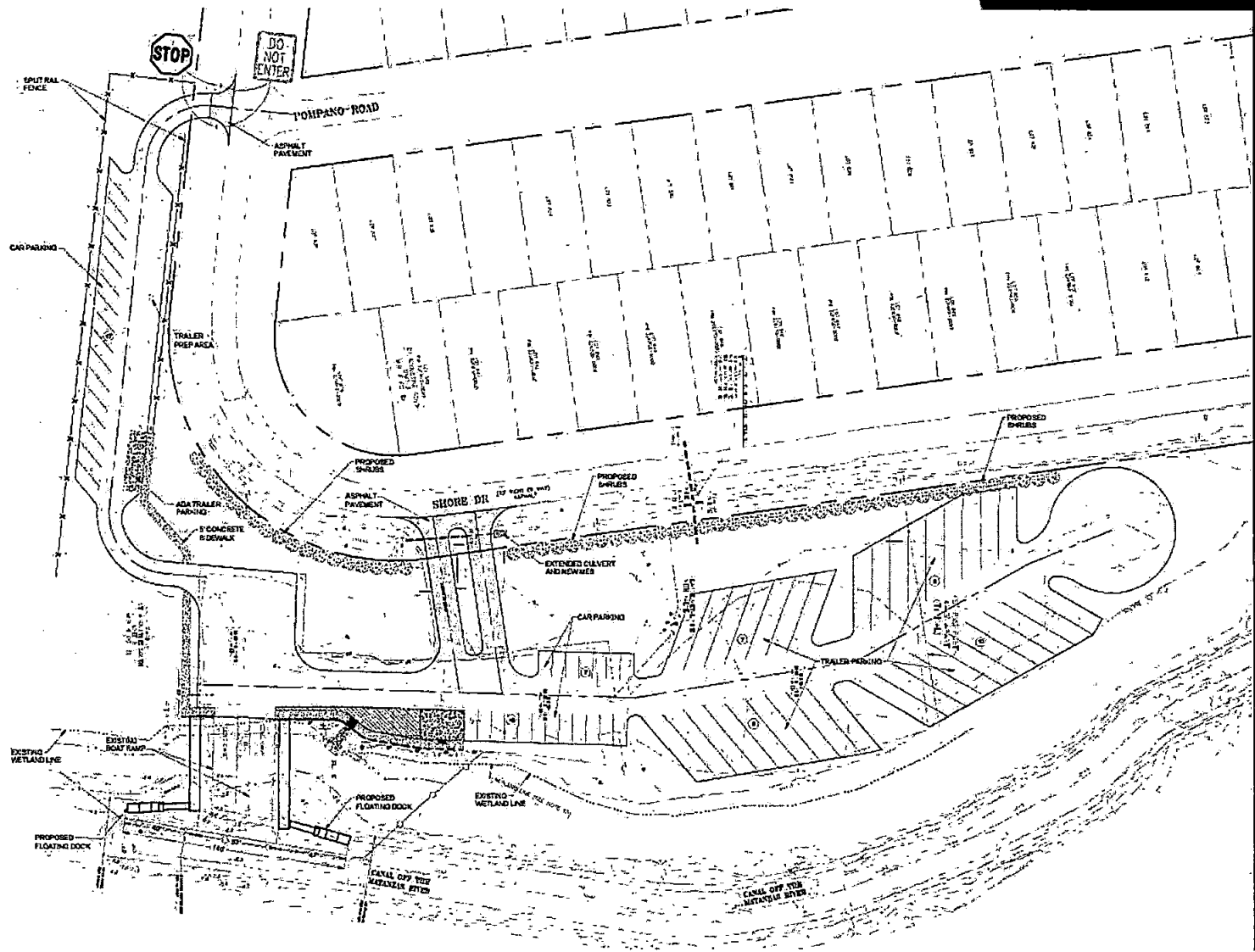


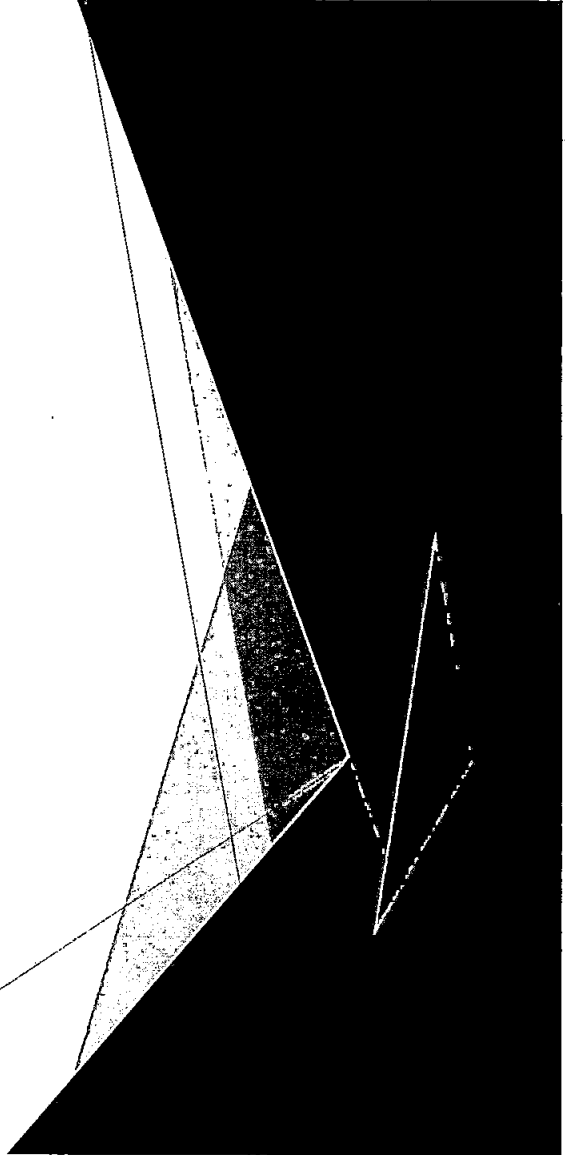
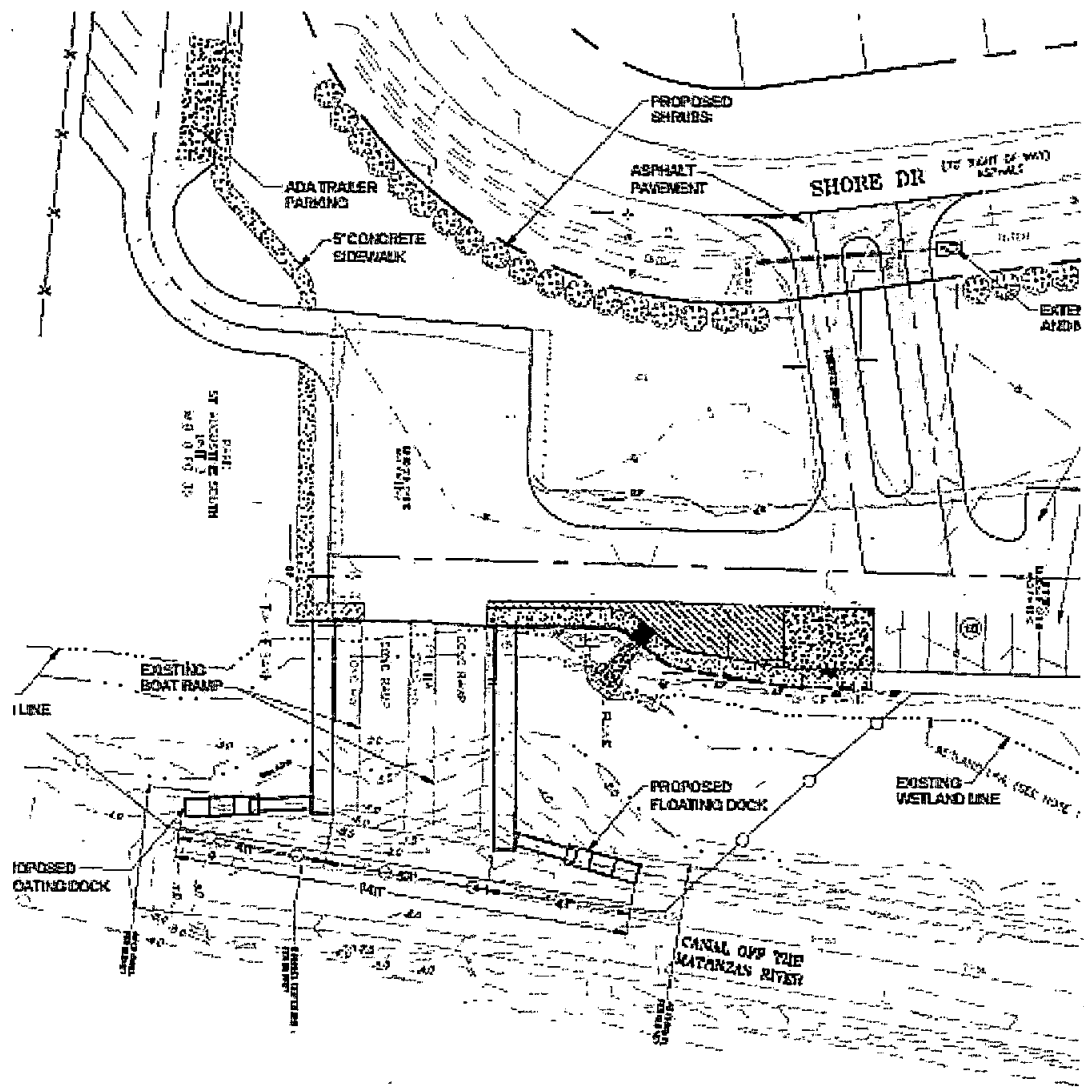
Doug Crane Boat Ramp Improvements - Phase II Goals

- Install wood fence or wood posts to replace PVC bollards.
- Reorganize existing parking for better traffic flow and safety.
- Increase capacity by better design to reduce the number of trailers parking on the street during heavy use.
- Eliminate hiding spots and parking on the shore line that creates erosion.
- Add ADA accessible parking and sidewalks.



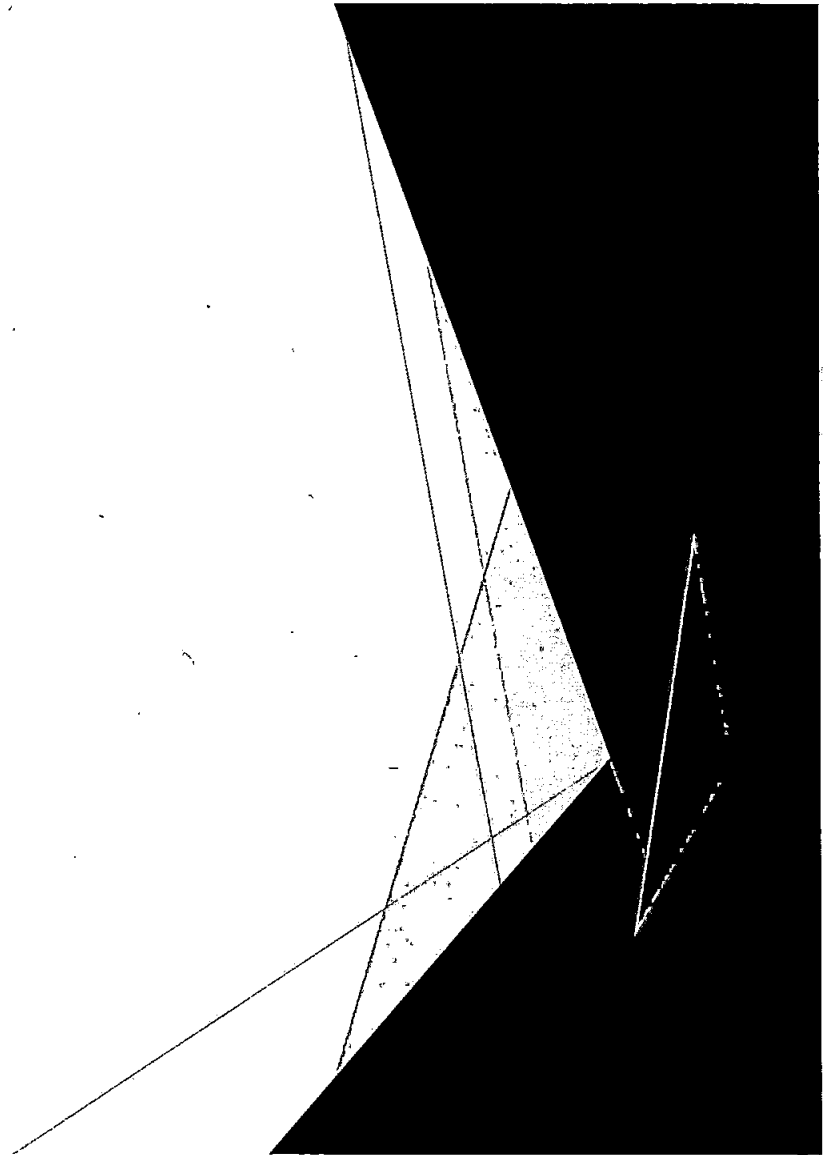
Concept Plan





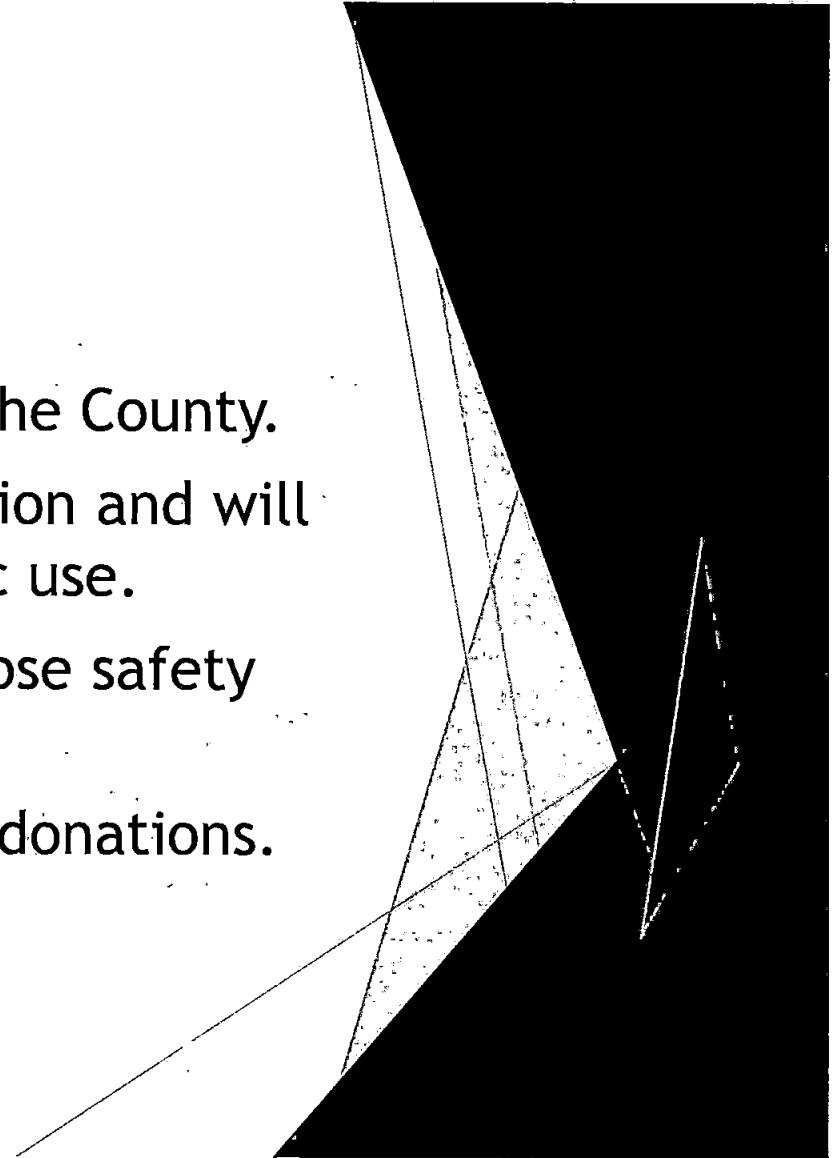
Survey Form

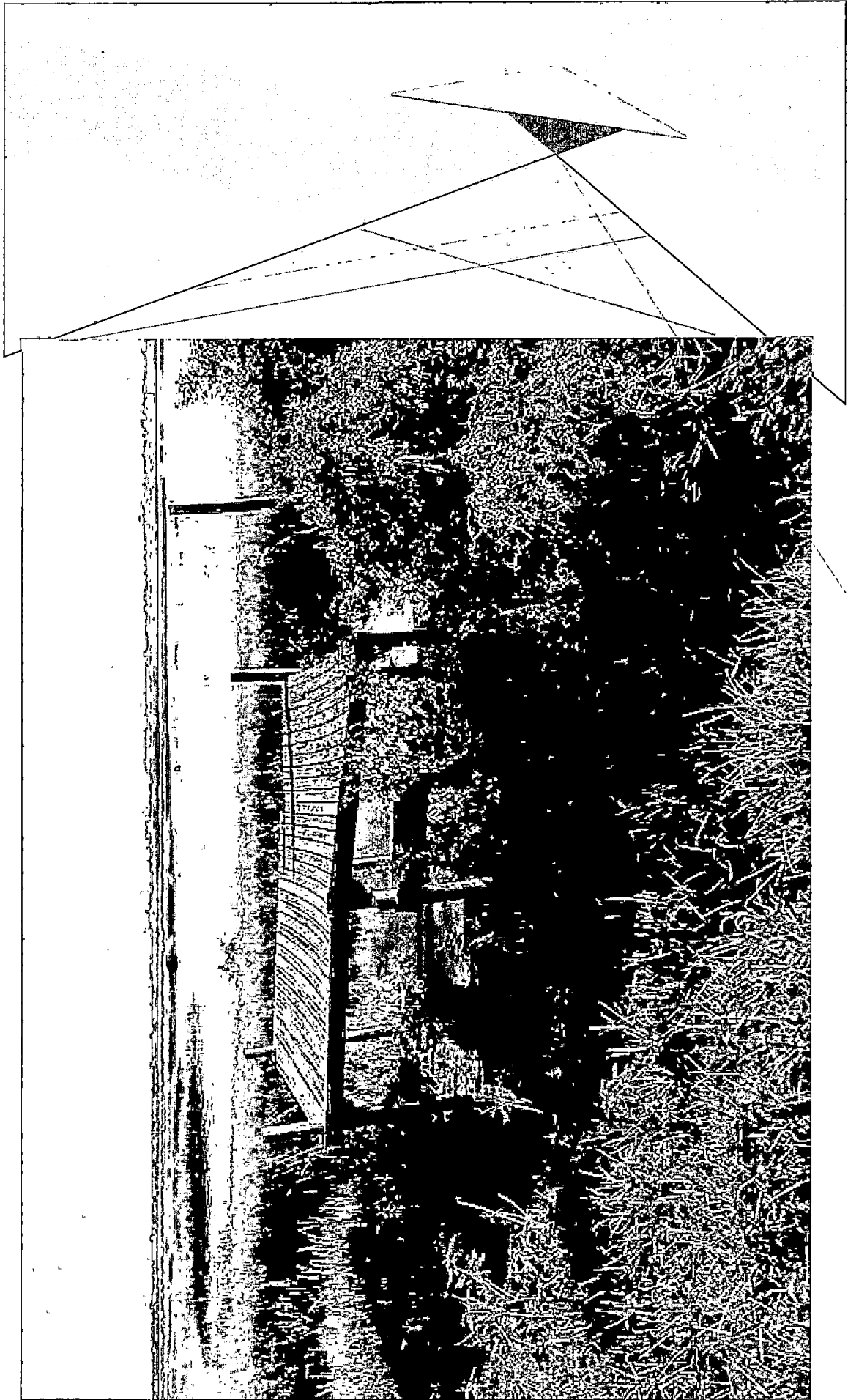
► Please provide your comments



Shore Drive Docks

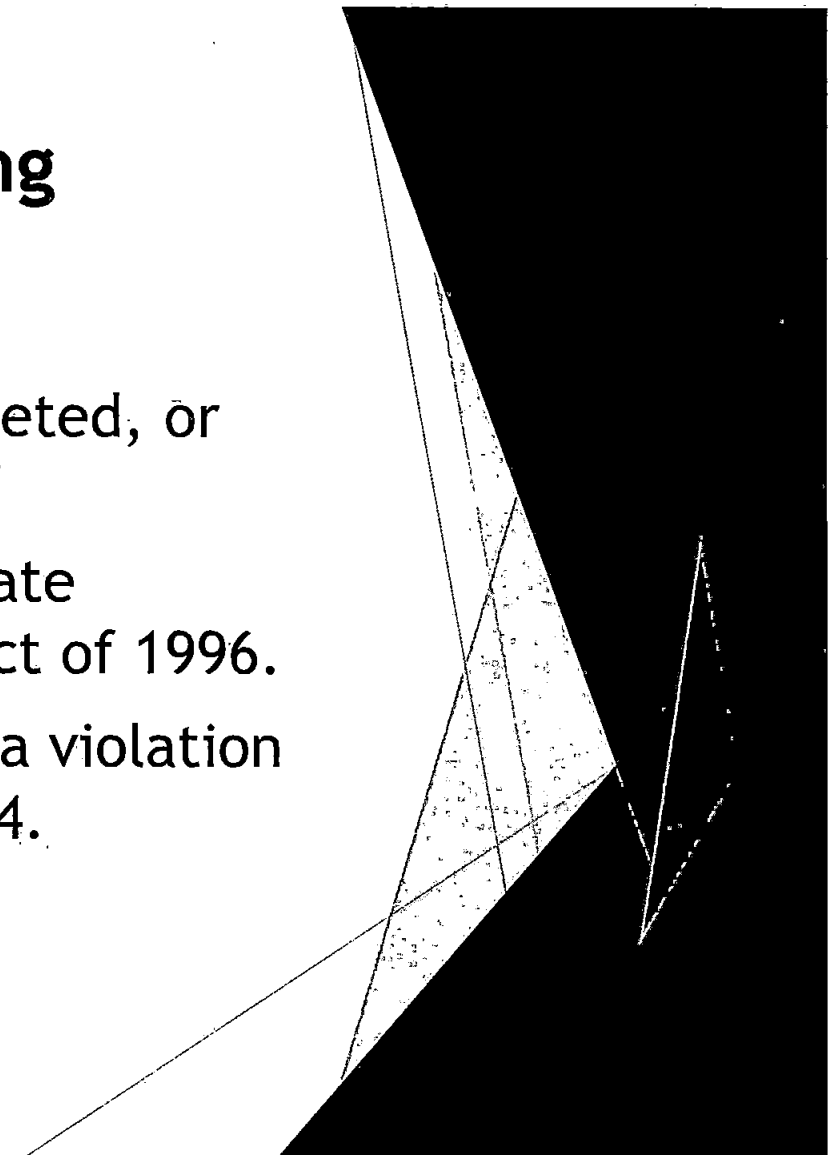
- Existing docks were not permitted by the County.
- Some existing docks are in good condition and will be maintained by the County for public use.
- Docks that are in poor condition and pose safety hazards may be removed.
- Dock improvements can be made with donations.





Shore Drive Tree/Bush Trimming

- Tree and bush trimming must be completed, or authorized, by St. Johns County.
- Mangroves are protected under the State Mangrove Preservation and Trimming Act of 1996.
- Unauthorized clearing and trimming is a violation of St. Johns County Ordinance 2005-114.

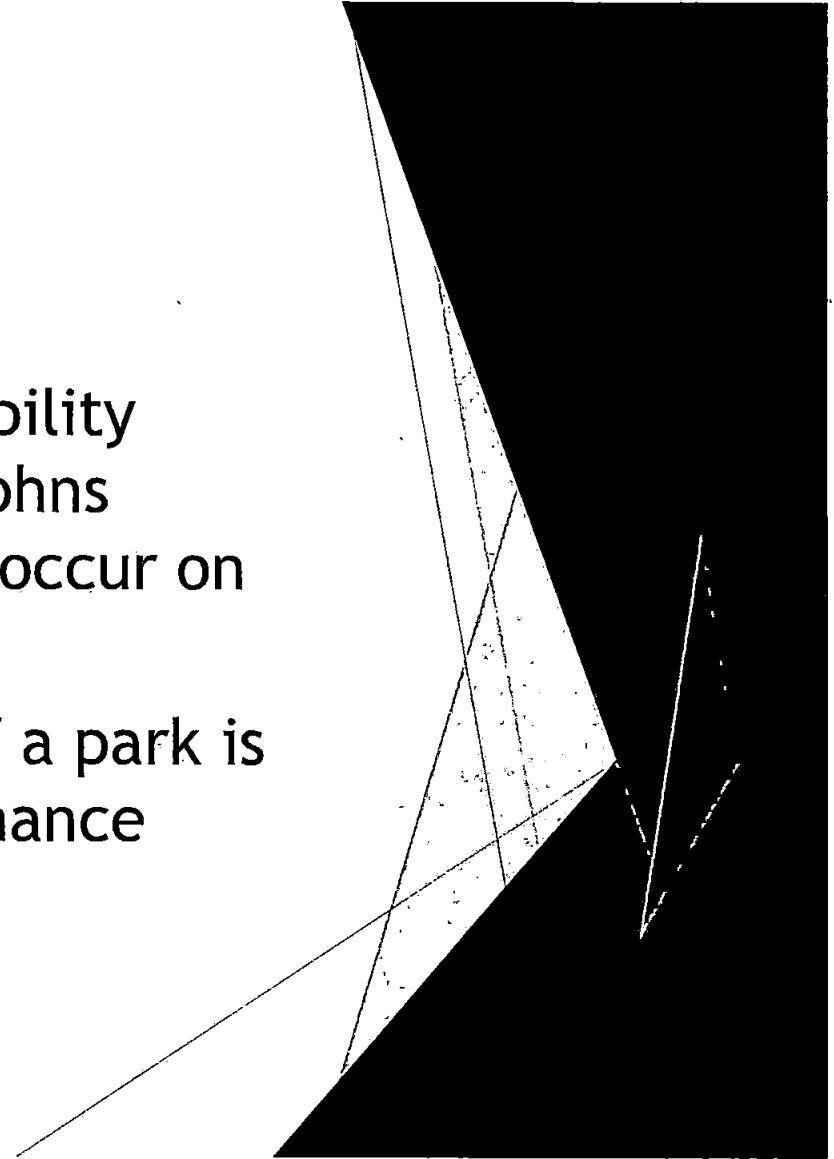


Section 9. Plant and wildlife protection and preservation.

(a) Within any park, no person shall cut, carve, or injure the bark or break off limbs or branches or pick the flowers or seeds, of any tree, plant or shrub, nor shall any person dig in or otherwise disturb grass areas, or install any vegetation, or in any other way injure or impair the natural beauty or usefulness of any area, nor shall any person pile debris or material of any kind on or about any tree or plant, or attach any rope, wire, or other contrivance therein, whether temporary or permanent in character or use, without prior written approval by the Director. No person shall tie or hitch any animal to any tree or plant within park property.

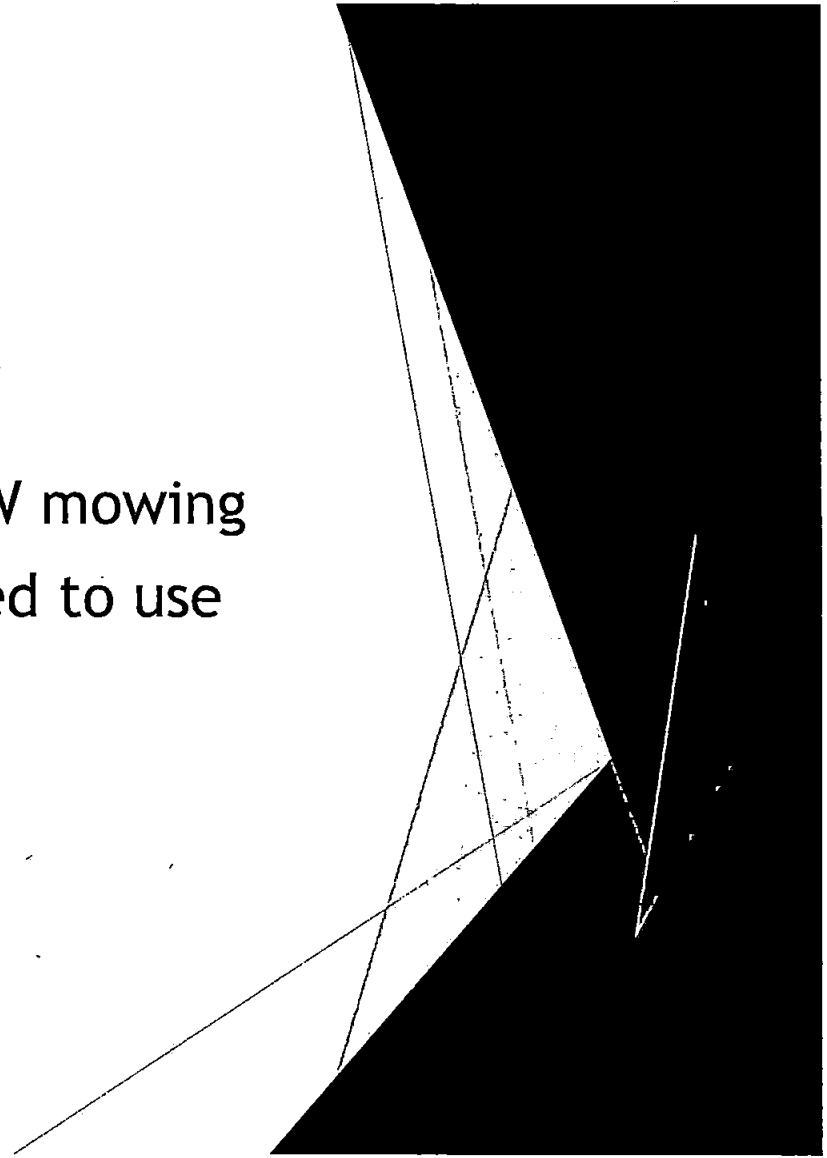
Shore Drive Mowing

- ▶ Mowing by homeowners presents liability concerns for the residents and St. Johns County should an accident or injury occur on the property.
- ▶ In addition, unauthorized mowing of a park is a violation of St. Johns County Ordinance 2005-114.



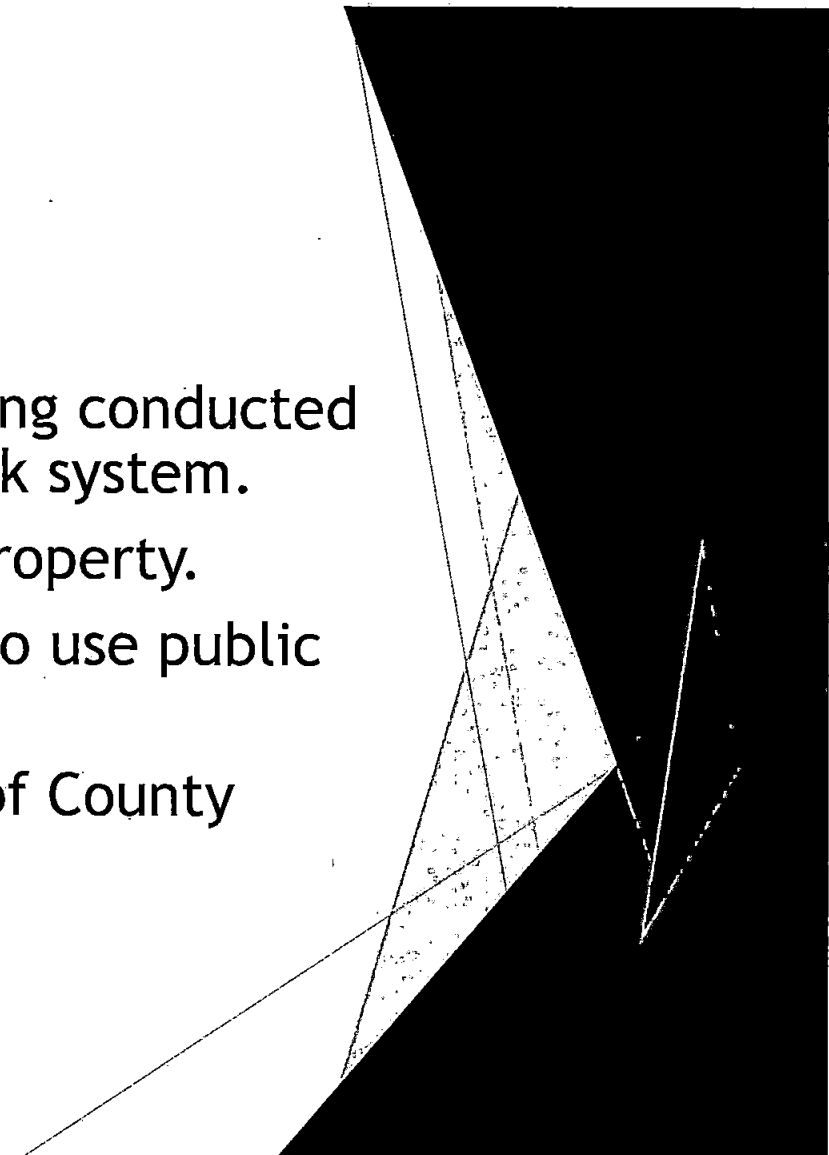
What about Right of Ways?

- ▶ ROW mowing is commonly accepted.
- ▶ There are no ordinances governing ROW mowing
- ▶ Risk is low since the public is not invited to use the grass ROW in front of a house

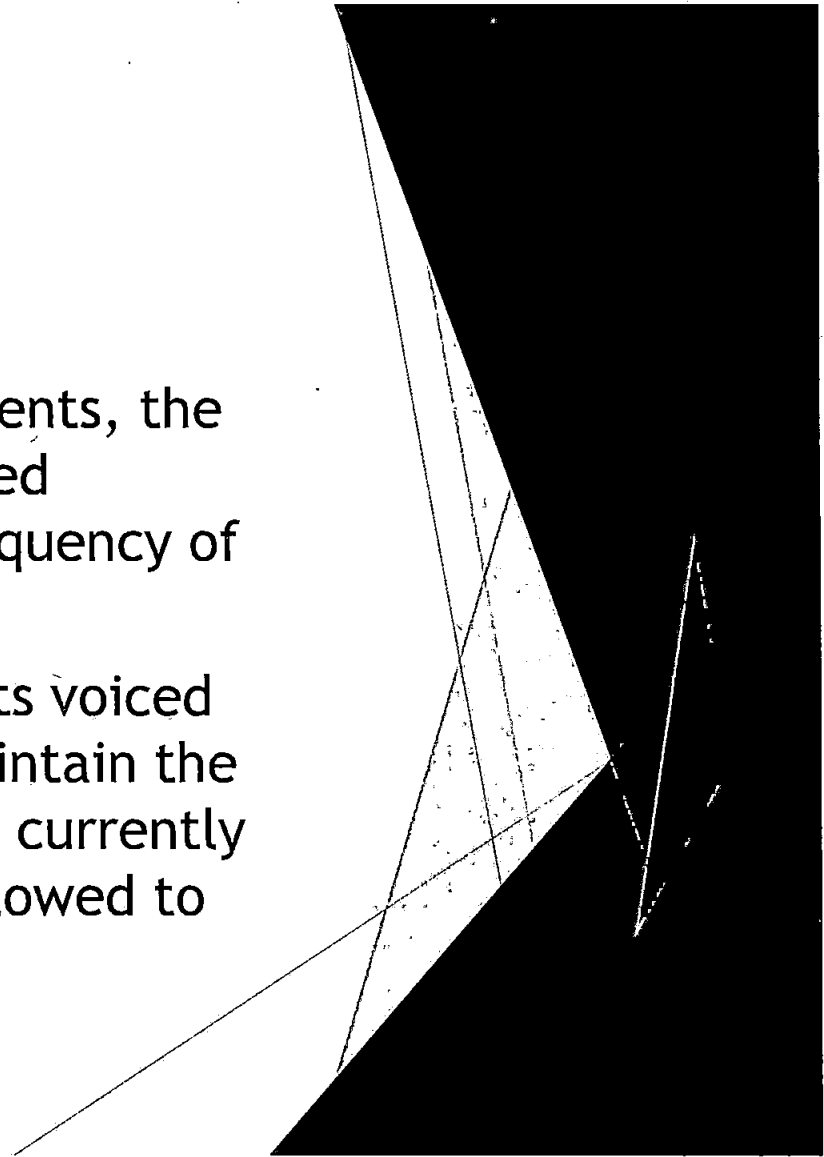


Park Land

- ▶ Park mowing by homeowners is not being conducted or authorized anywhere else in the park system.
- ▶ There are ordinances governing park property.
- ▶ Risk is high since the public is invited to use public parks.
- ▶ This has been reviewed by SJC Office of County Attorney and Risk Management.
- ▶ Claims due to mowing are common.

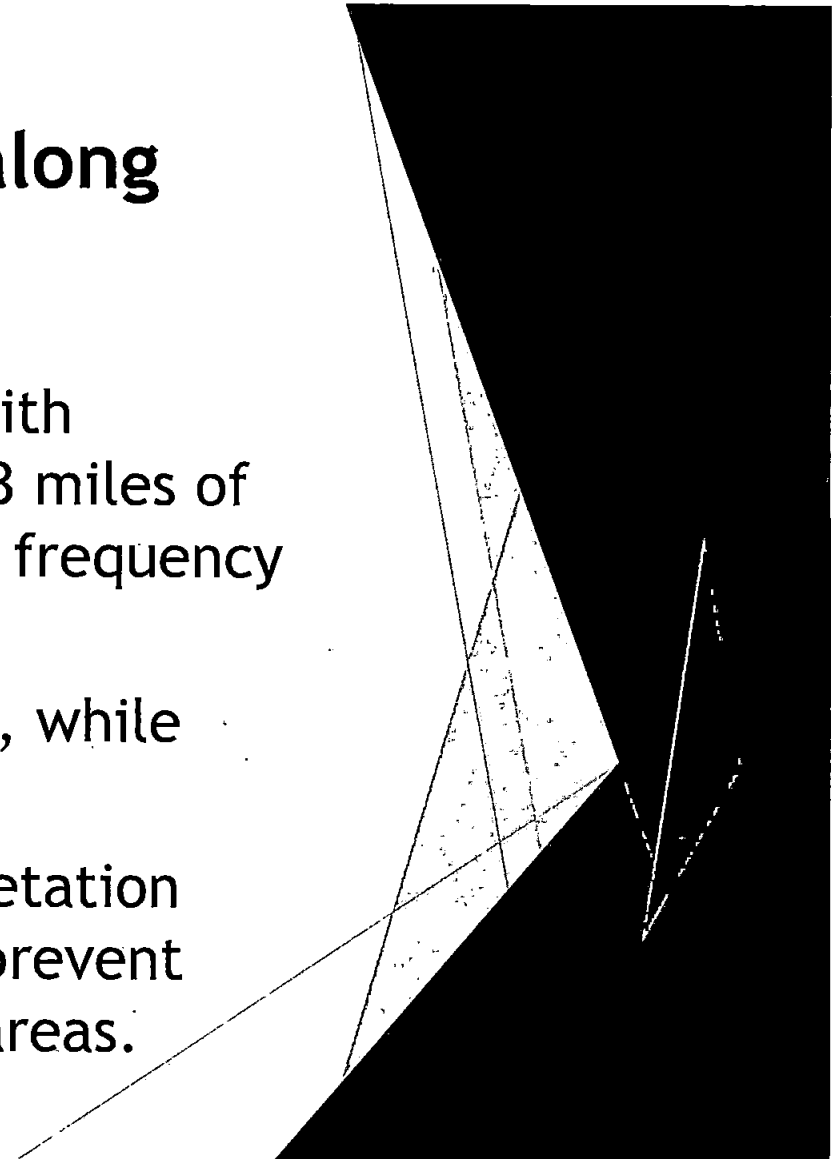


- ▶ To alleviate the cost and liability for residents, the Parks and Recreation Department requested additional funding to increase mowing frequency of the park land.
- ▶ At previous SASIA meetings, many residents voiced concerns about the County's ability to maintain the same level of mowing as the residents are currently performing and requested that they be allowed to continue mowing the property.



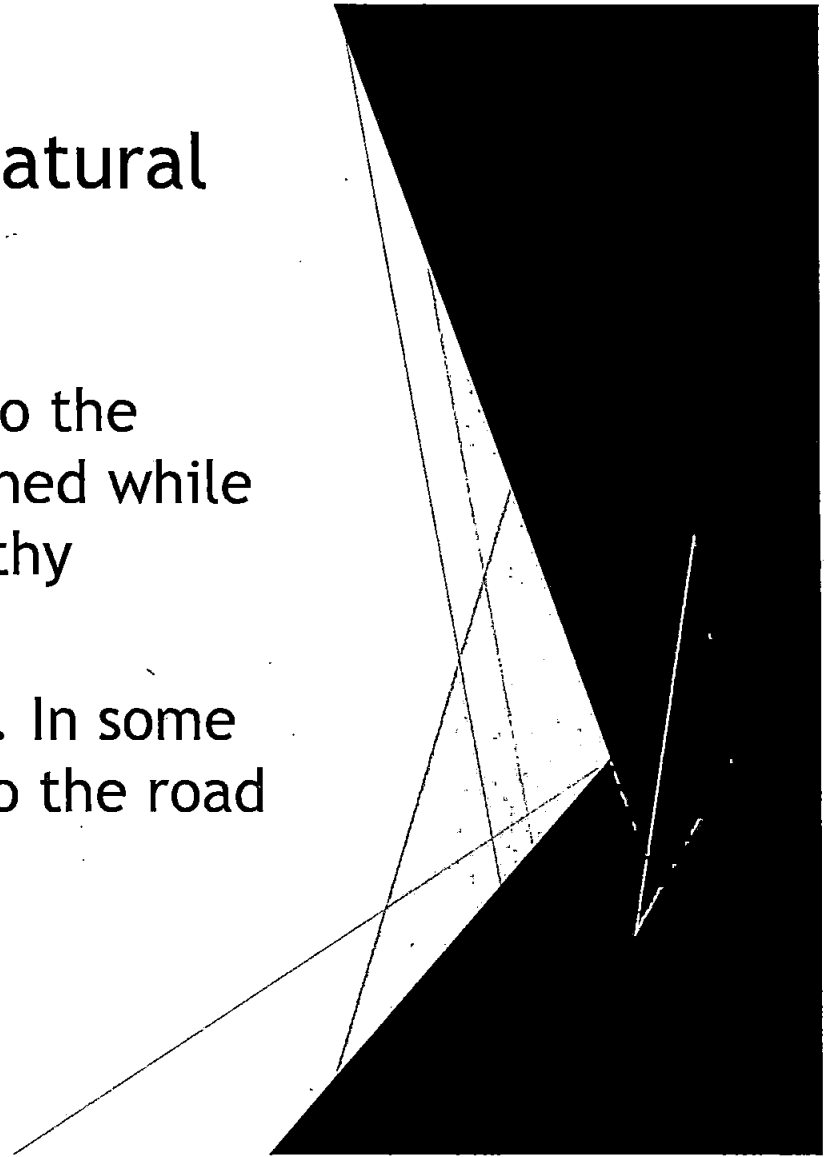
Increased Mowing Frequency along Shore Drive

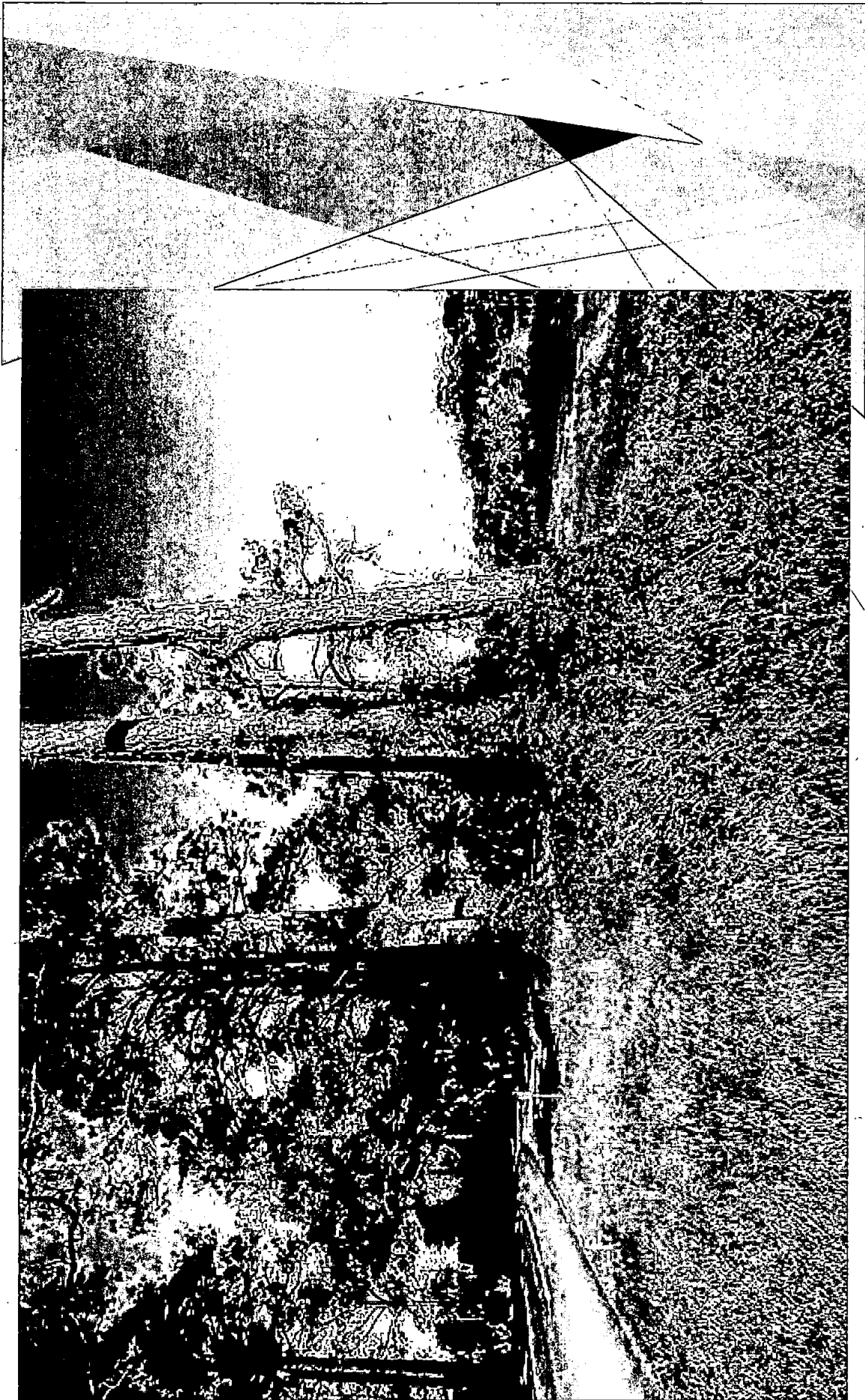
- ▶ Mowing will occur 24 times per year, with frequency based on the season, along 3 miles of Shore Drive. This is a standard mowing frequency for a passive park area.
- ▶ Mowing will follow the current pattern, while creating a smooth mowing curve.
- ▶ We would like to maintain healthy vegetation along the high tide vegetation line to prevent erosion and avoid marsh and wetland areas.

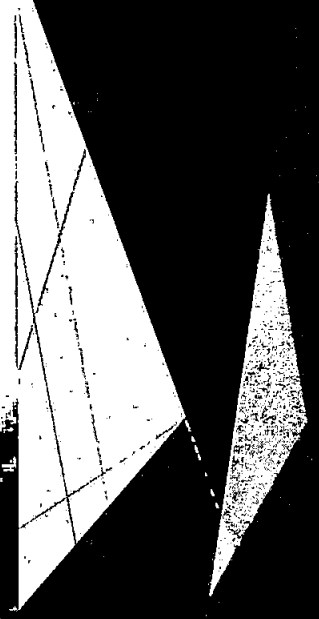


A mix of urban waterfront and natural park areas

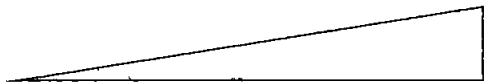
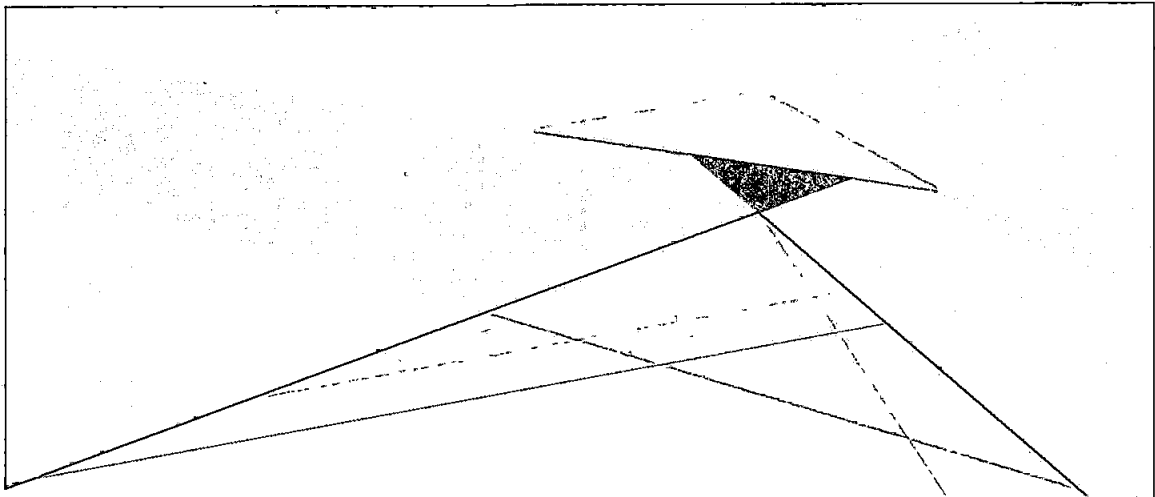
- ▶ Areas that are currently mowed close to the water will remain for access and viewshed while ensuring vegetation to maintain a healthy shoreline
- ▶ We are now defining the mowing areas. In some areas we will trim around trees close to the road to provide a uniform look.

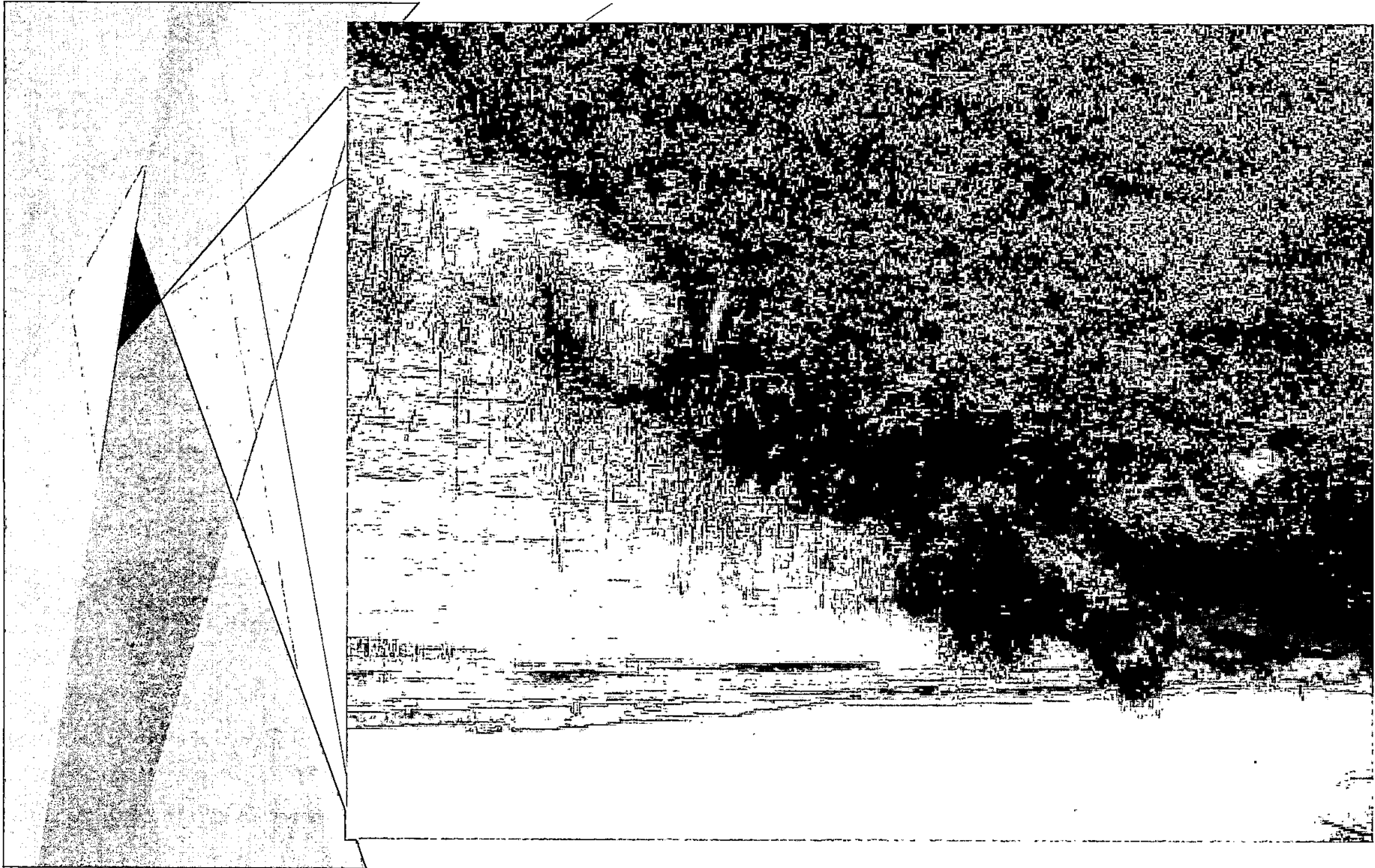


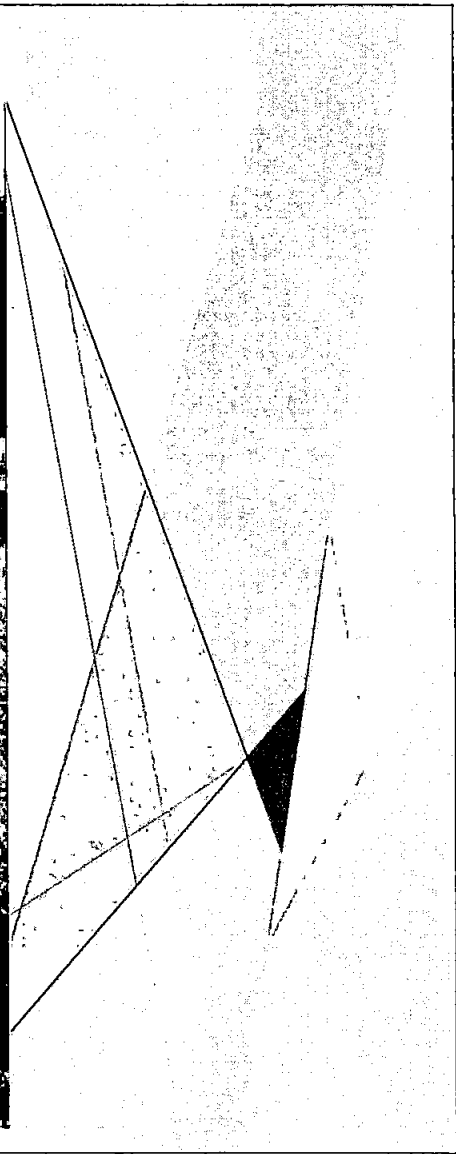


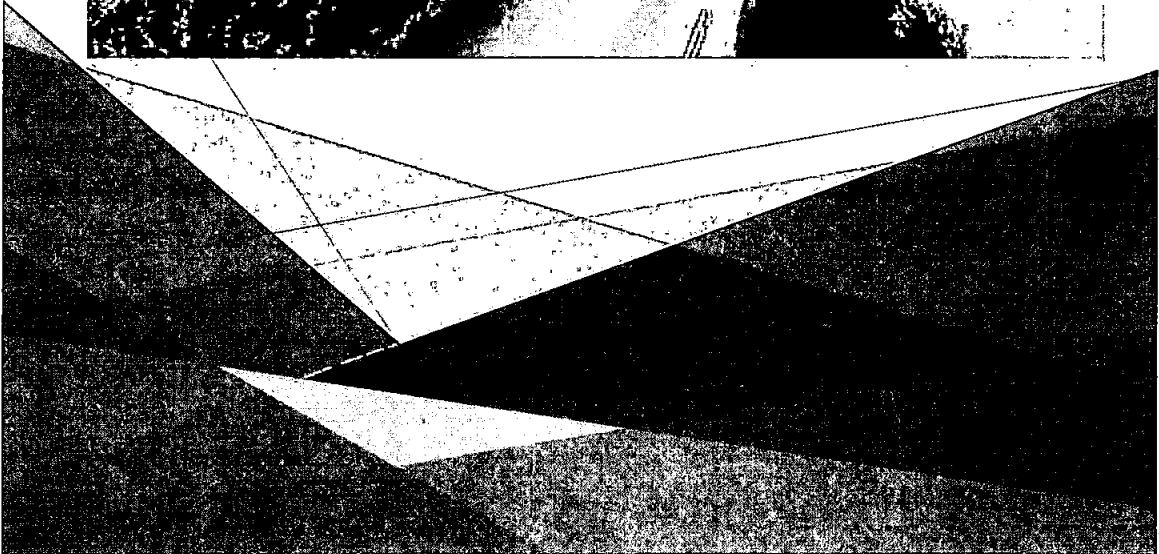
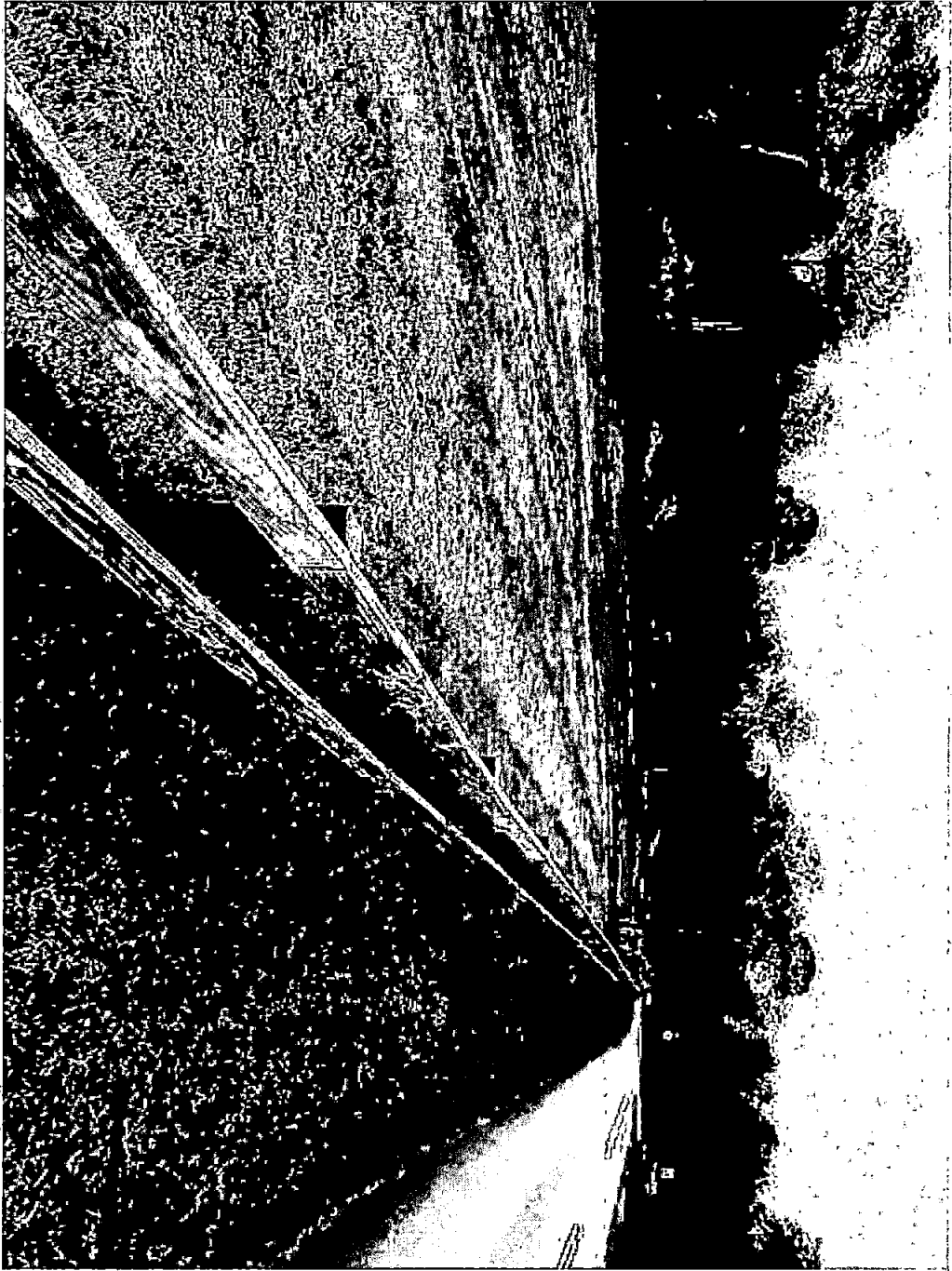


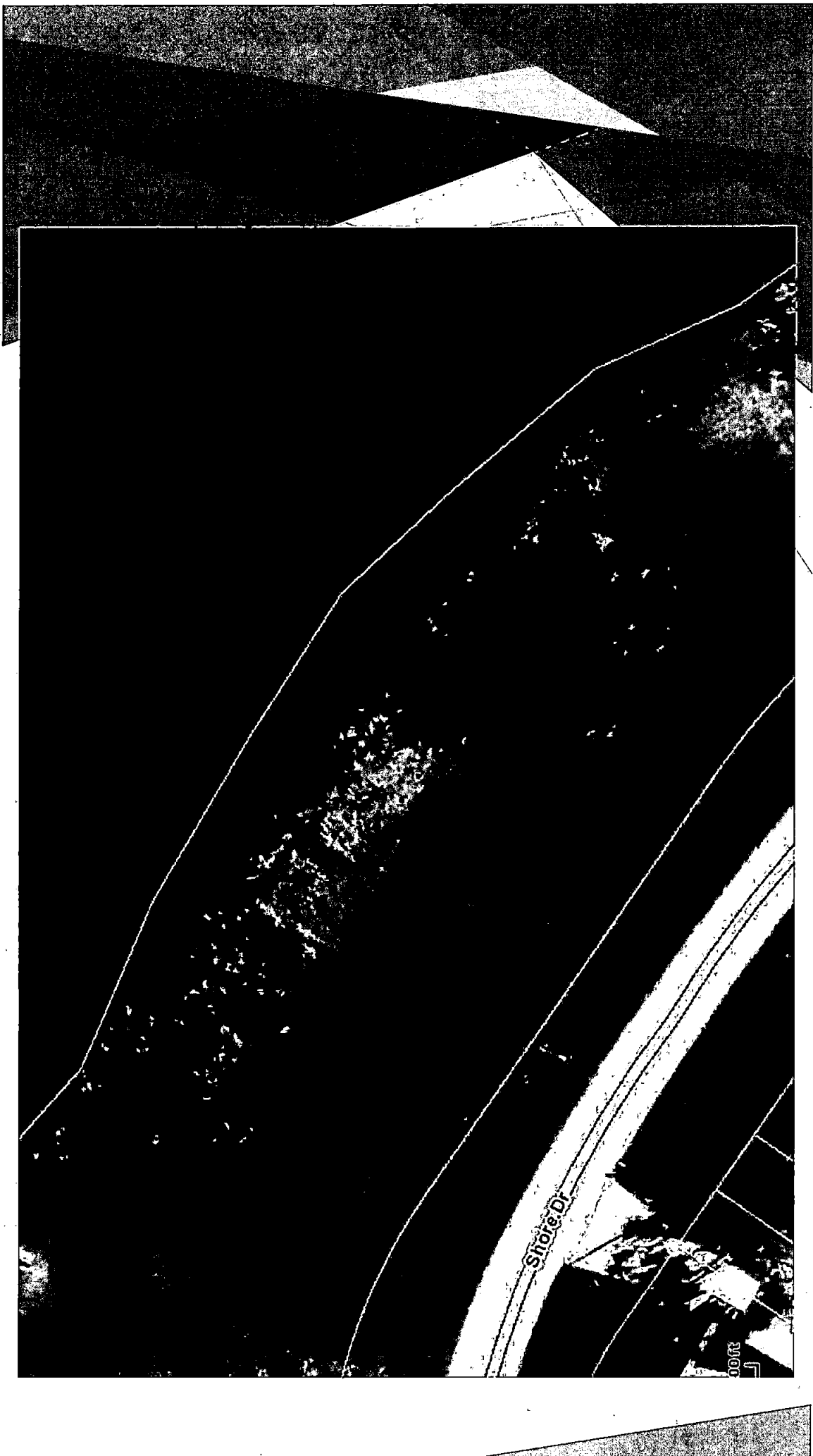


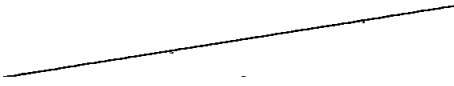
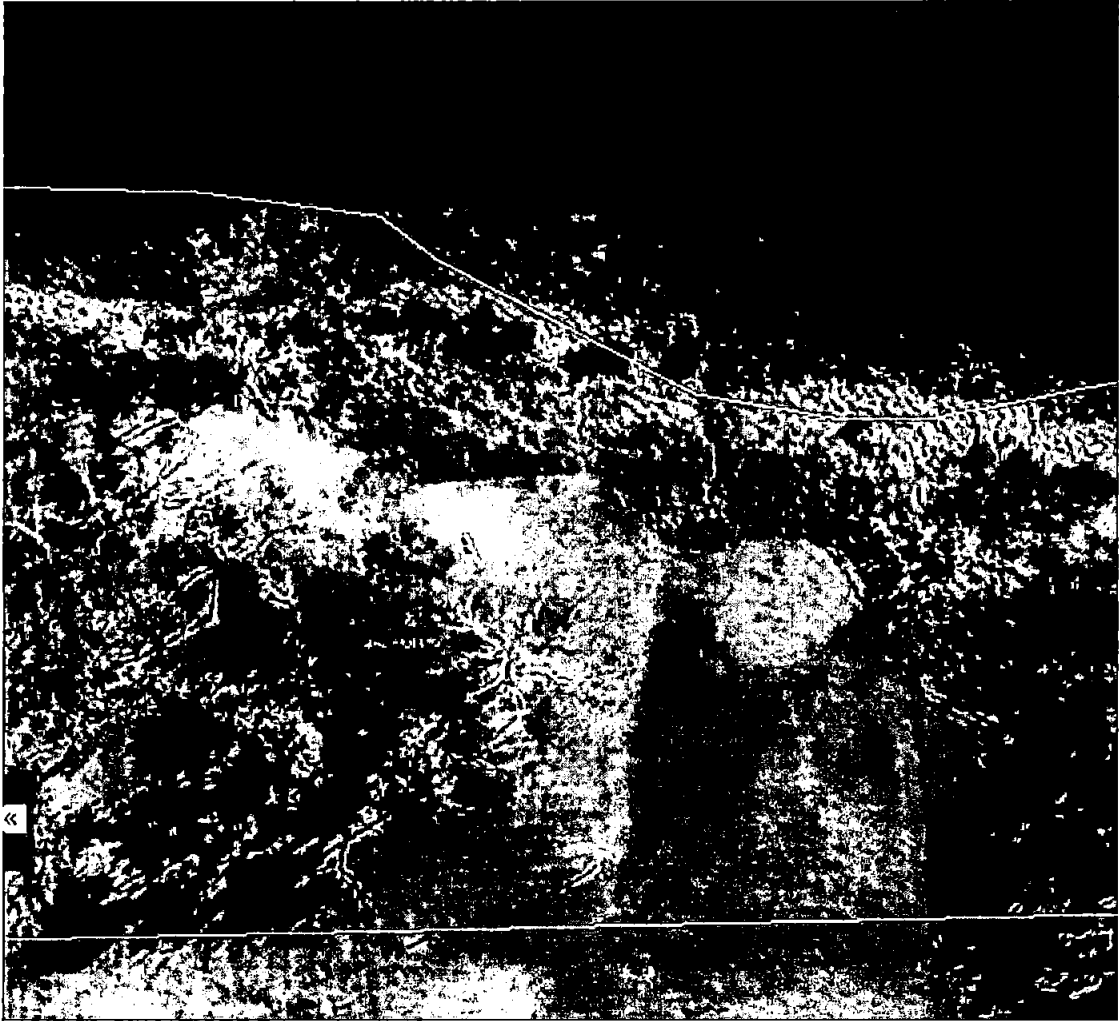
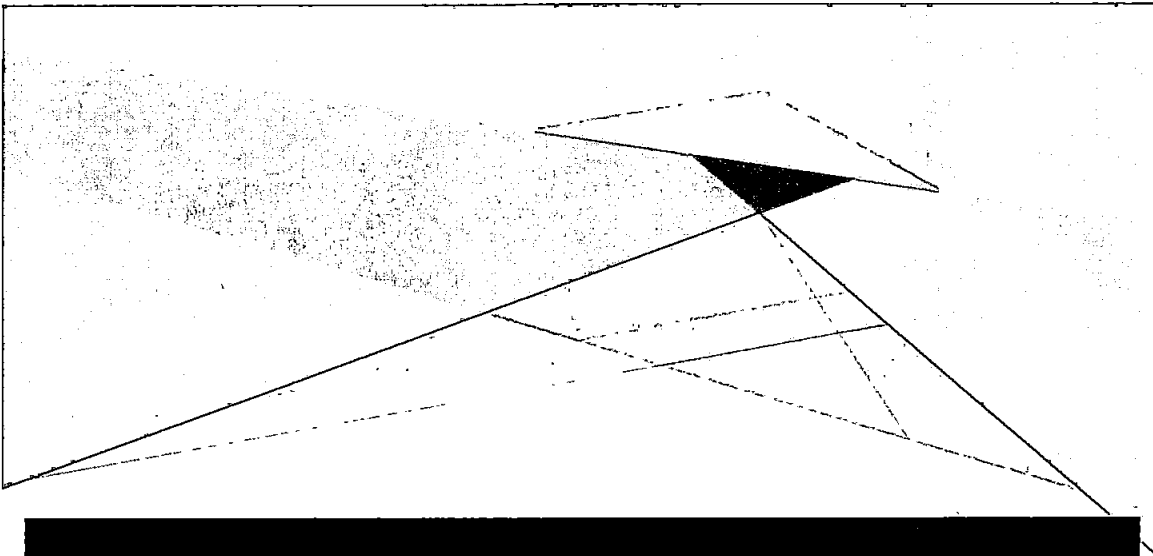


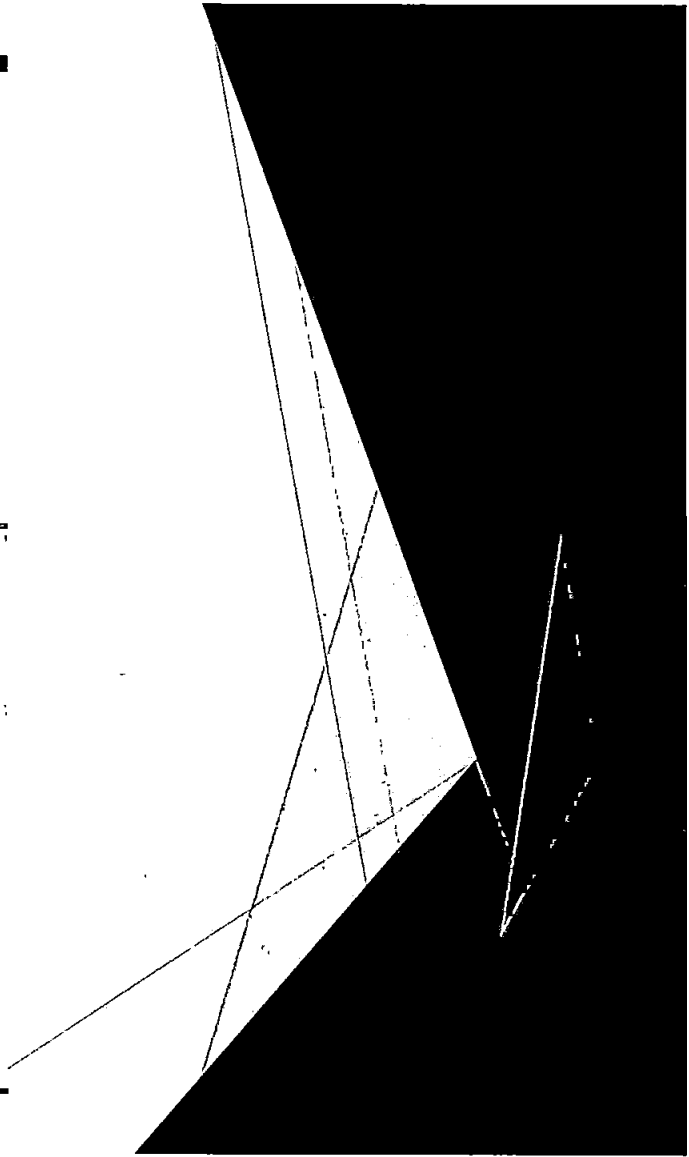
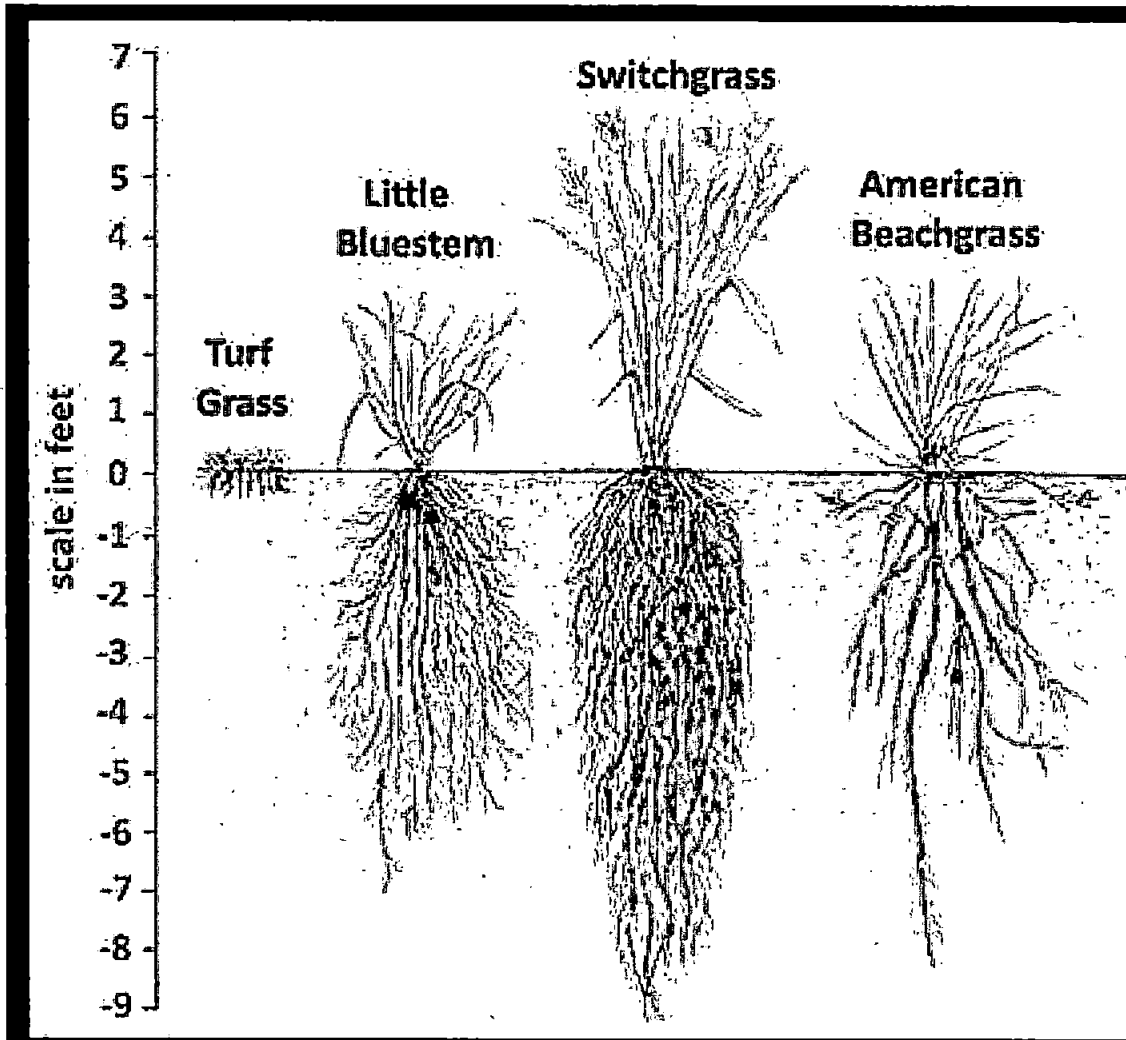






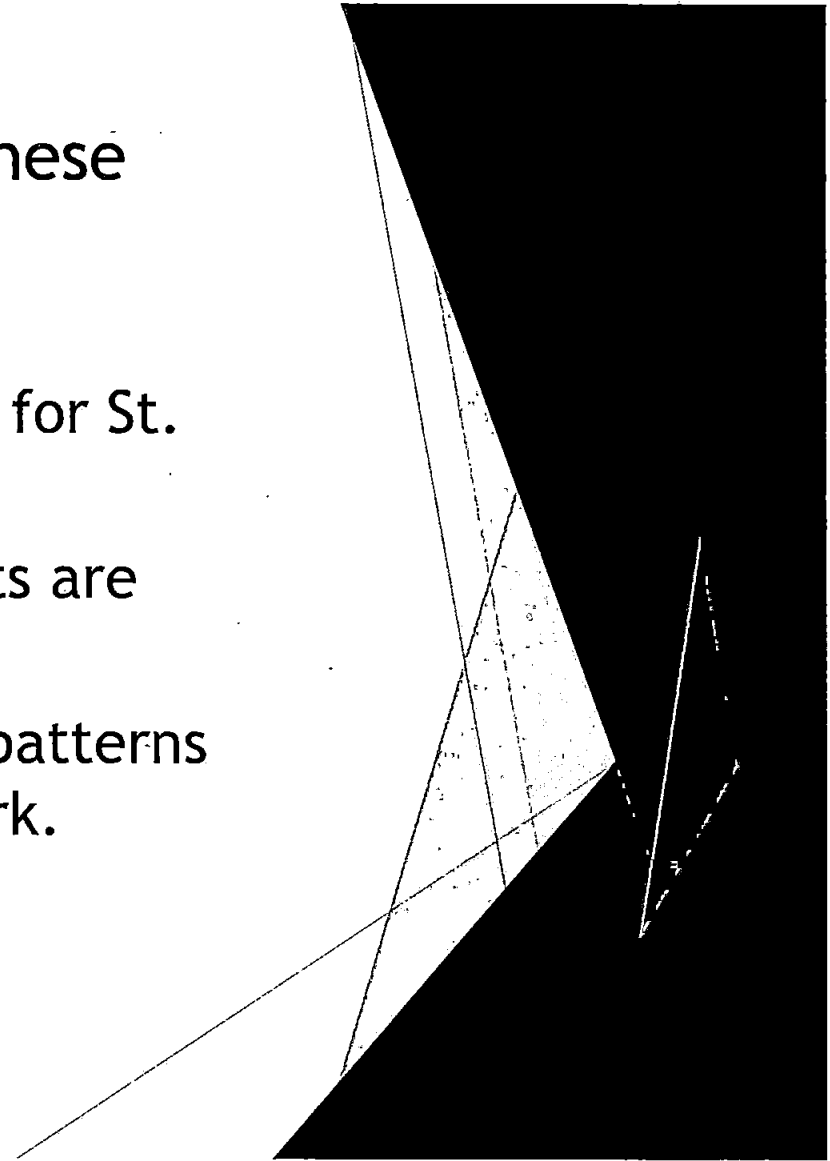






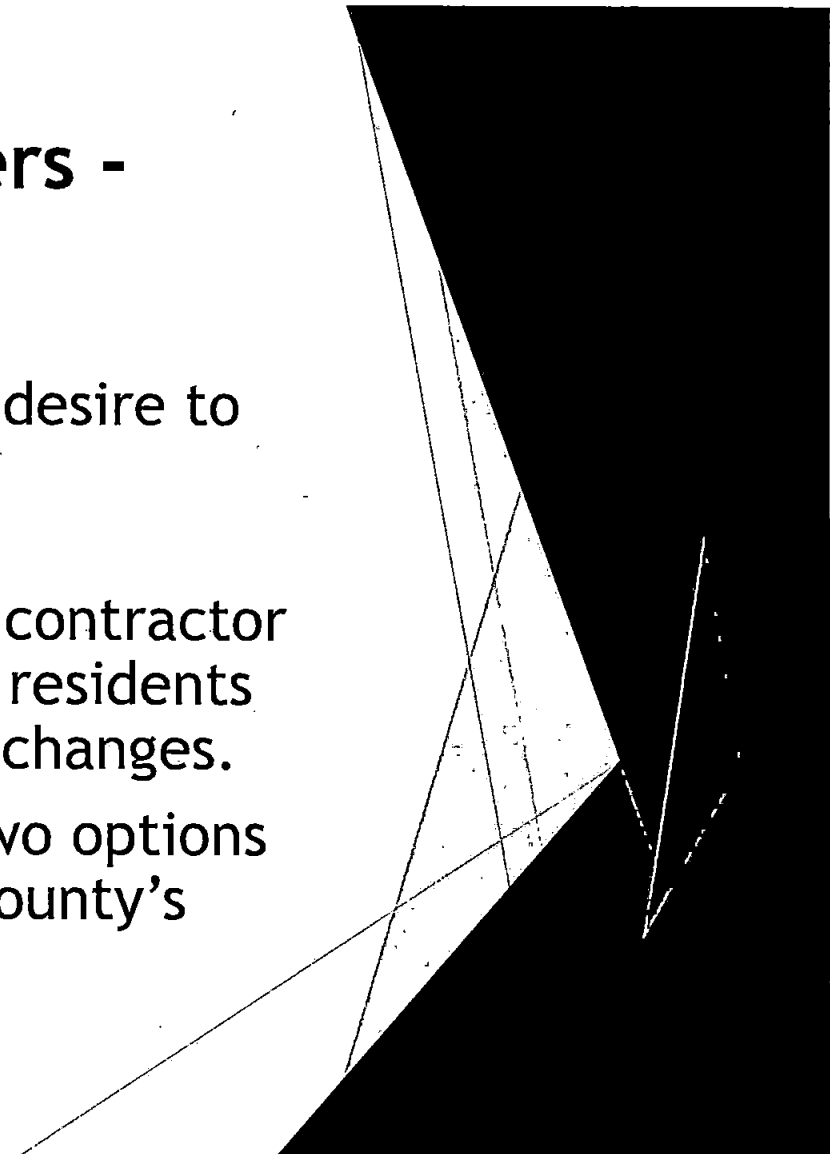
We hope this will help accomplish these goals:

- ▶ Minimize liability for the residents and for St. Johns County.
- ▶ Relieve time and expense that residents are incurring related to mowing.
- ▶ Provide a uniform look to the mowing patterns and improve the appearance of the park.



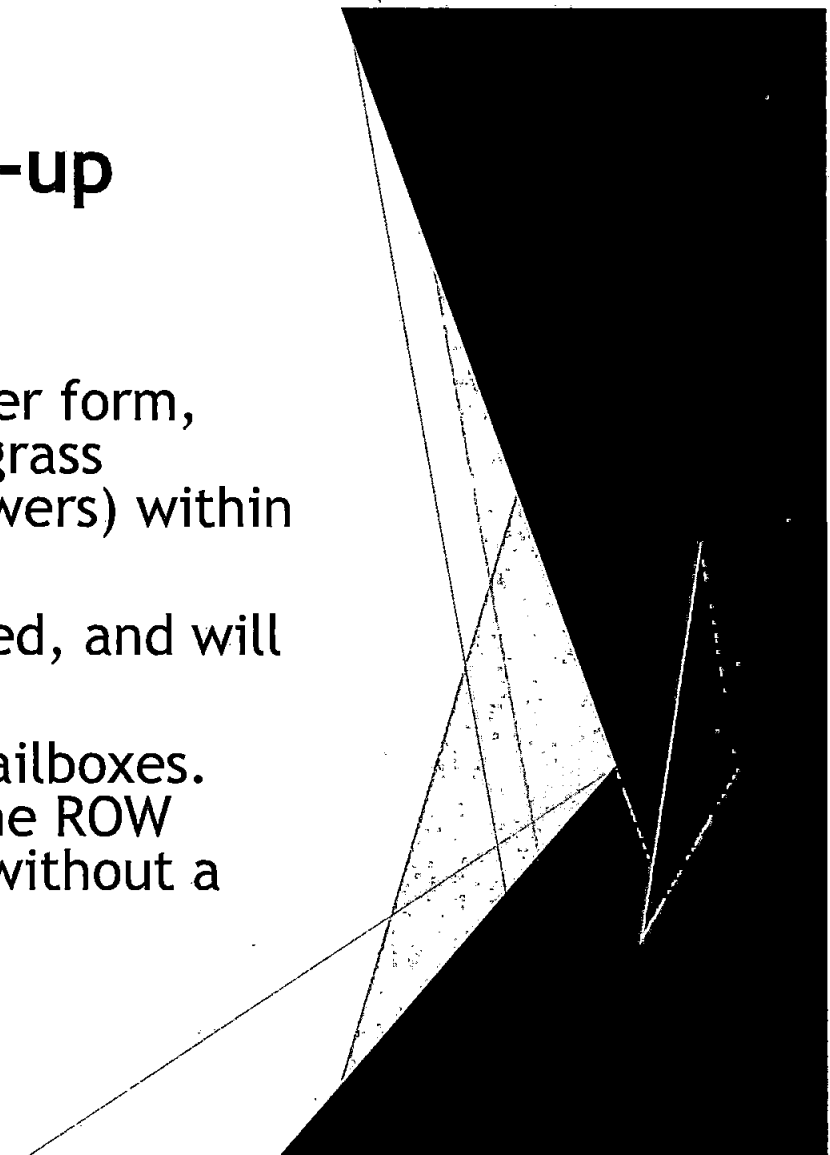
Additional Work by Homeowners -

- ▶ Many homeowners have expressed the desire to continue mowing to provide additional landscaping on the park property.
- ▶ We would ask that the County mowing contractor be allowed to begin mowing, and then residents notify us of any concerns or suggested changes.
- ▶ In the future, homeowners will have two options if they would like to supplement the County's mowing program:



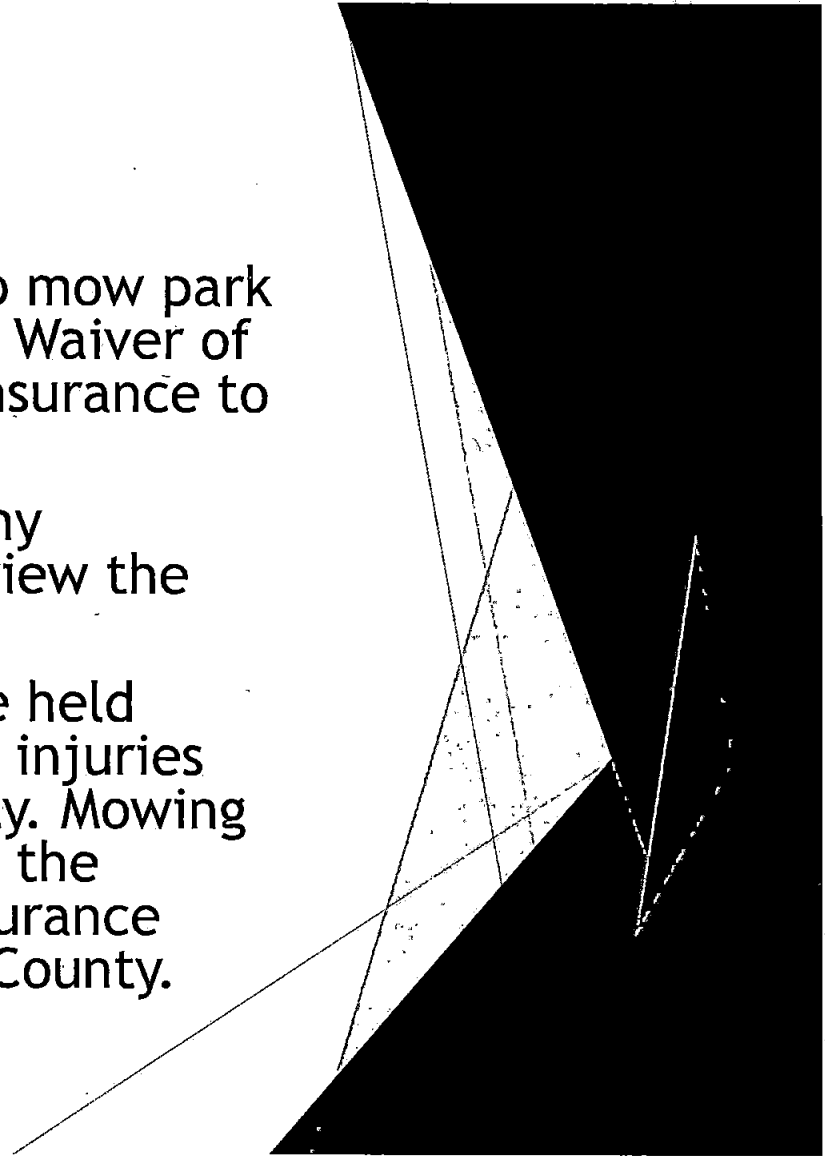
Grass Trimming and Litter Pick-up

- ▶ Residents may complete a volunteer waiver form, conduct trimming (utilizing power string grass trimmers or hand grass trimmers, not mowers) within the mowed areas, and pick-up litter.
- ▶ Litter pick-up would be greatly appreciated, and will help our crews and contractors.
- ▶ The contractor will mow within 2-3' of mailboxes. Since mailboxes are private property in the ROW homeowners may trim around mailboxes without a waiver.



Mowing

- ▶ If homeowners feel they would still like to mow park property, they must complete a Volunteer Waiver of Liability form and purchase appropriate insurance to cover the activity.
- ▶ County staff will meet individually with any homeowner who would like to mow to review the area and complete the necessary forms.
- ▶ Homeowners who decide to do this will be held personally responsible for any damages or injuries caused as a result of mowing park property. Mowing of park property shall not take place until the Volunteer Waiver of Liability form and insurance policy are reviewed and approved by the County.

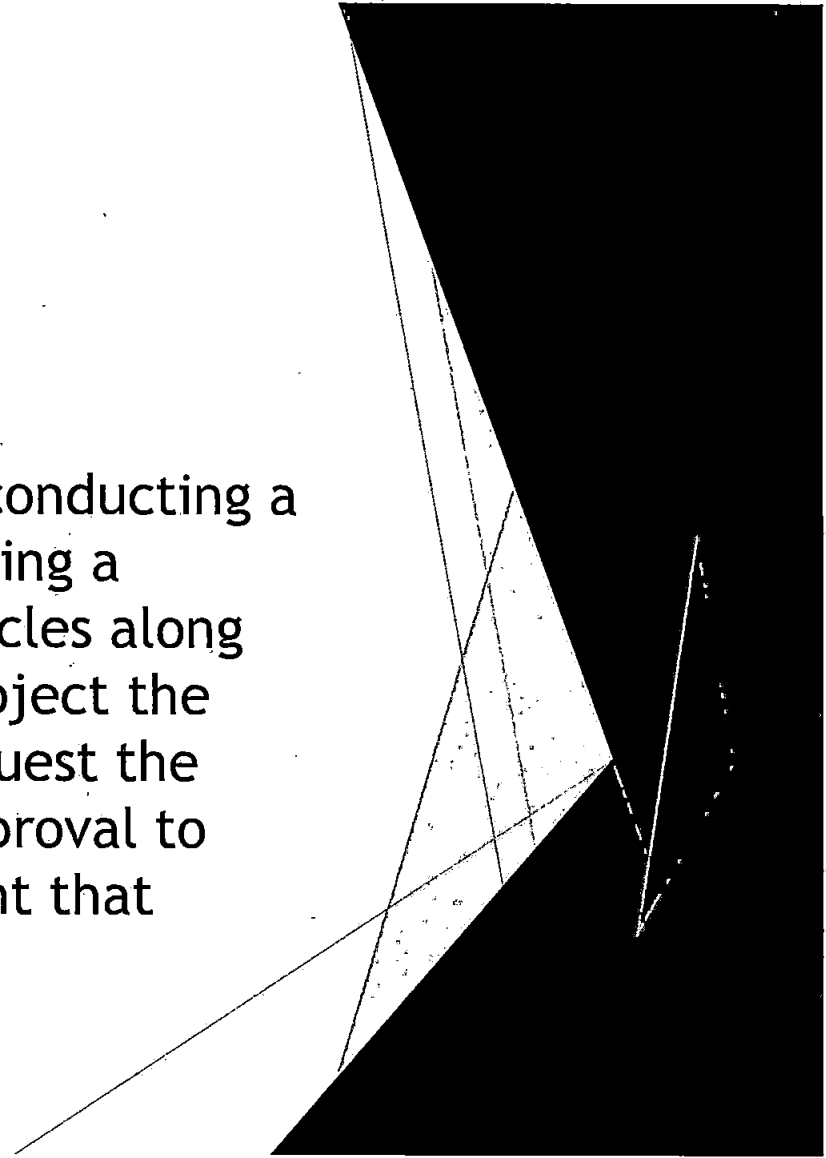


Timeline for transitioning to new maintenance schedule:

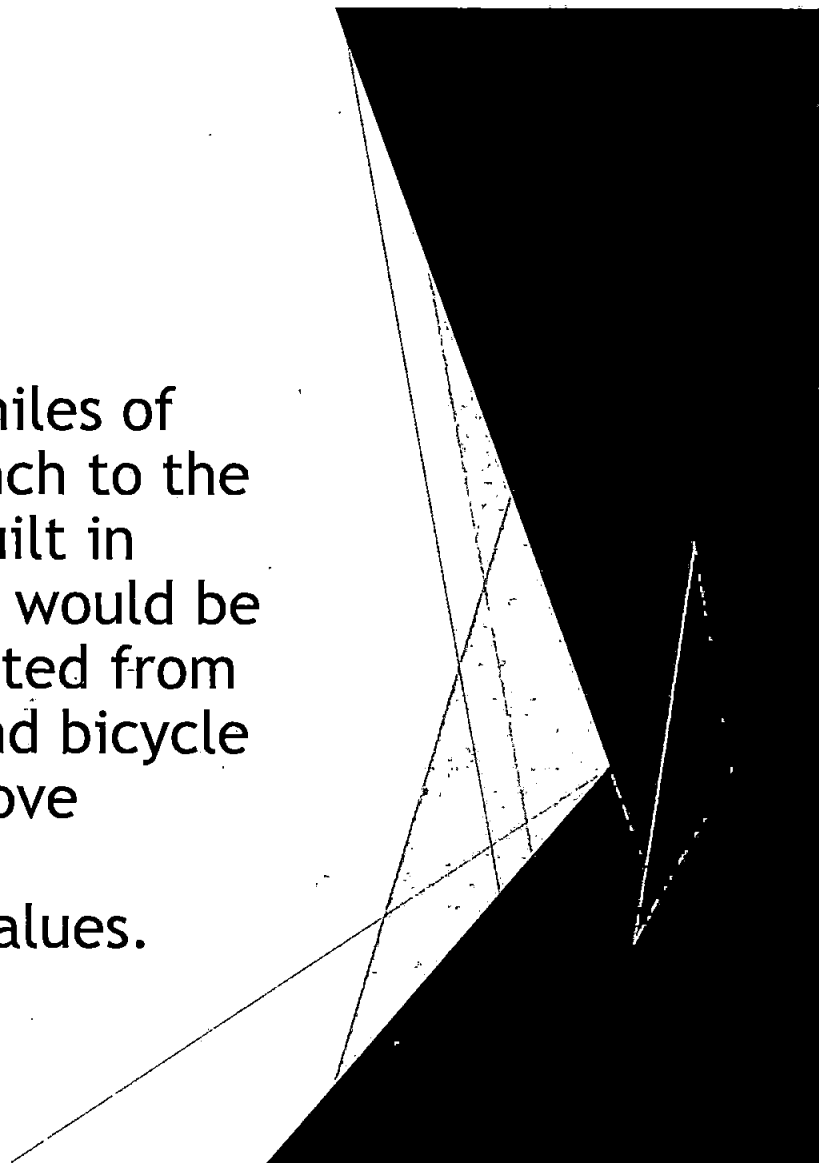
- ▶ **December** - Letter to homeowners, meeting, installing new regulatory signs, homeowners stop mowing until waivers and insurance are completed.
- ▶ **January/February** - County crews establish new mowing patterns, work with homeowners on any questions or ideas for the mowing patterns.
- ▶ **March** - Contractor begins mowing. Homeowners may submit Volunteer Waiver of Liability form for trimming and insurance to perform mowing.

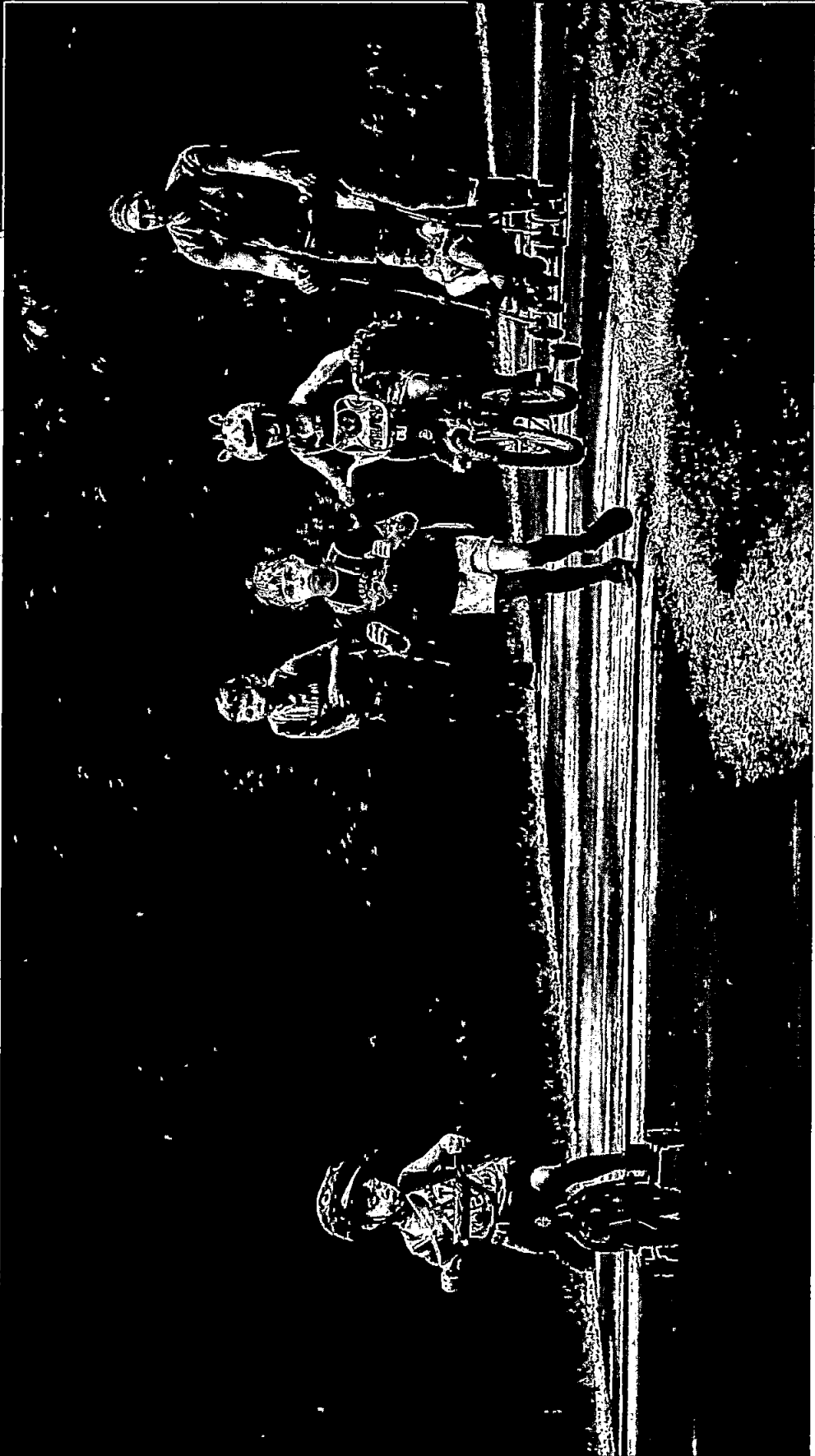
Shore Drive Trail Survey

- ▶ On-line and paper versions available.
- ▶ St. Johns County Parks and Recreation is conducting a survey to determine support for constructing a recreational trail for pedestrians and bicycles along Shore Drive. If there is support for the project the Parks and Recreation Department will request the Board of St. Johns County Commission approval to apply for a Recreation Trails Program Grant that provides matching funds.



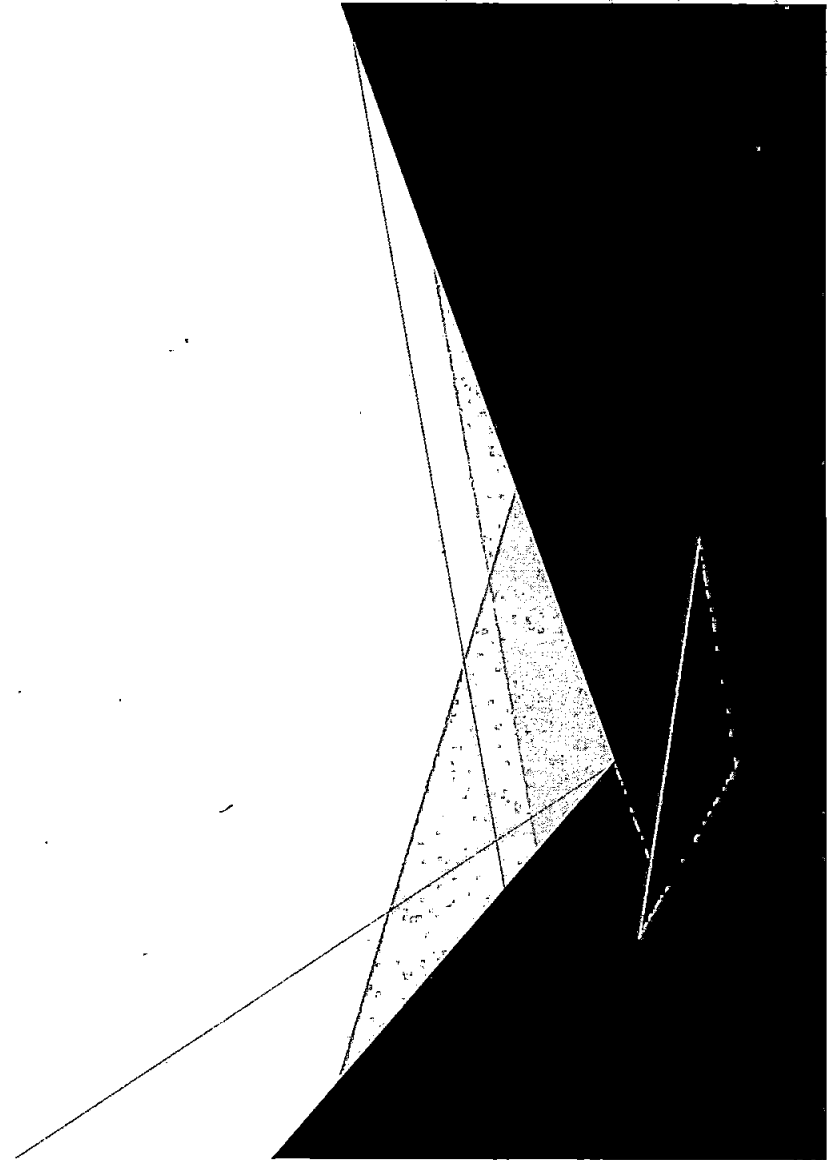
- ▶ The trail is currently planned along 3 miles of Shore Drive from Doug Crane Boat Launch to the boardwalk at Lobelia Rd and may be built in phases relative to funding. The surface would be a paved asphalt 8'-10' wide and separated from the road within the park. Pedestrian and bicycle trails have been demonstrated to improve community health, improve safety for walking/biking and improve property values.





Fire Station

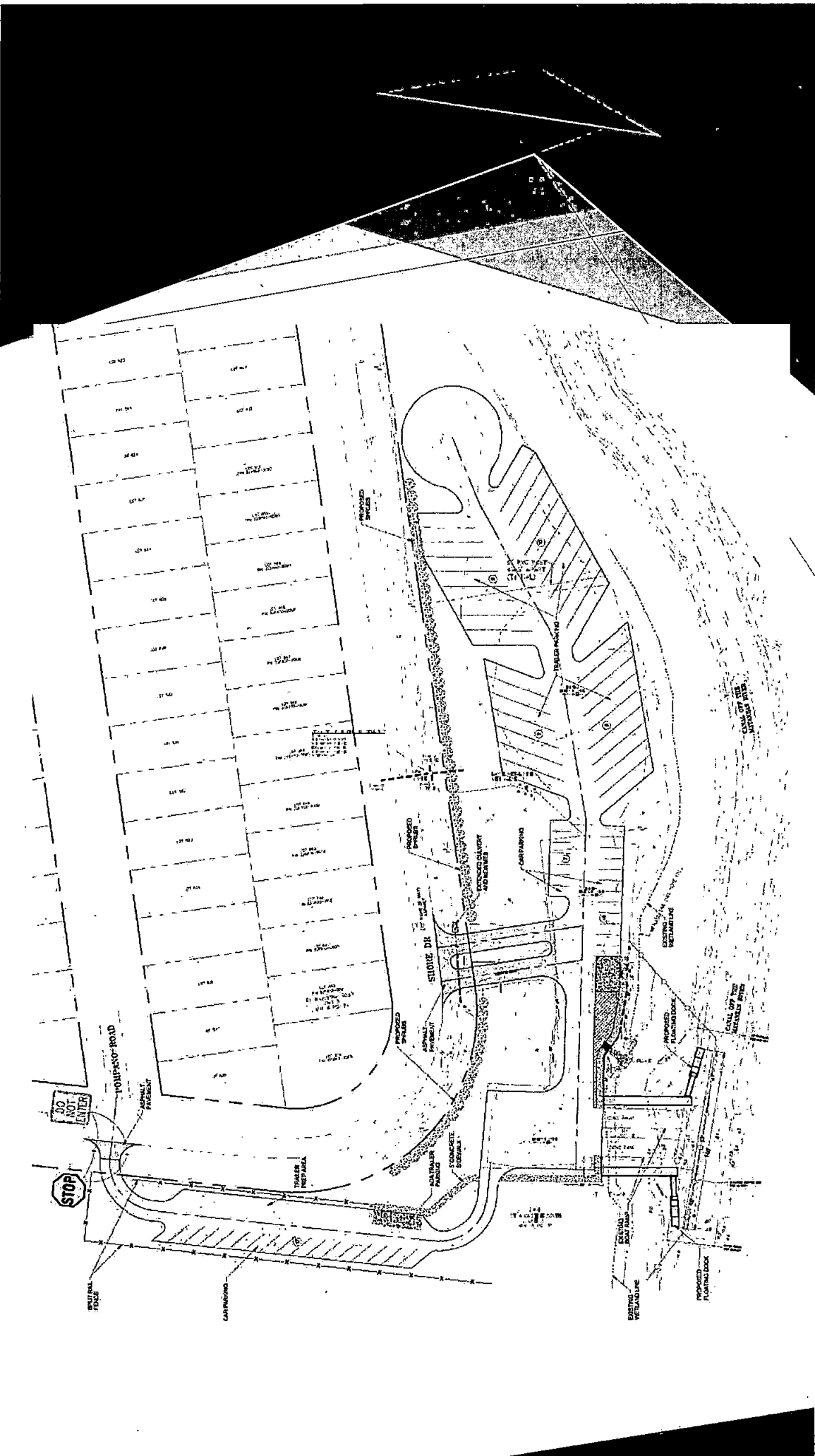
- ▶ 2 Acre site
- ▶ Numerous adjoining neighbors

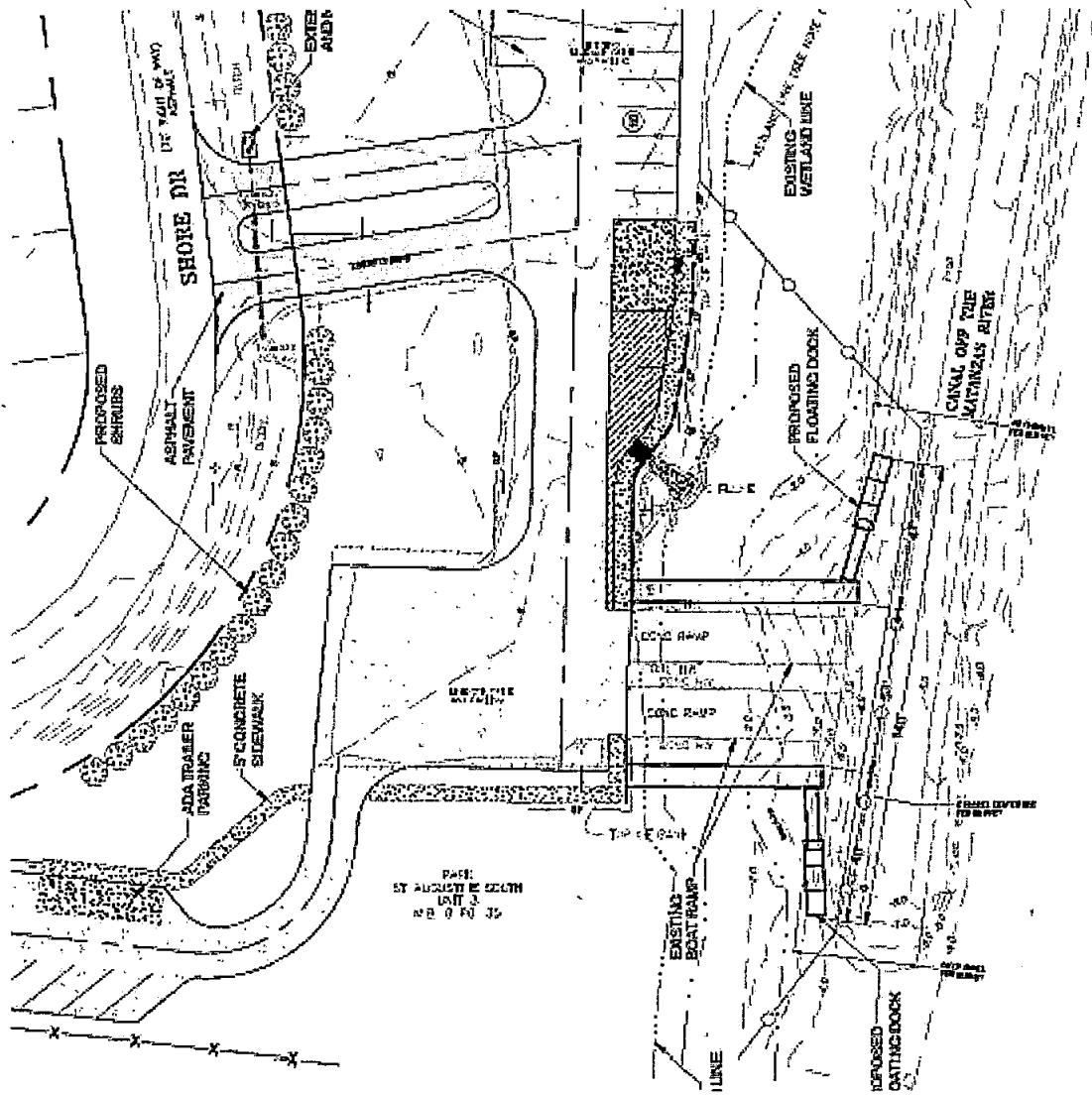


Questions, Discussion

- ▶ Doug Crane Boat Launch Improvements
- ▶ Shore Drive Docks
- ▶ Shore Drive Trees and bushes
- ▶ Shore Drive Mowing
- ▶ Proposed Shore Drive Pedestrian/bicycle Trail
- ▶ Fire Station redevelopment



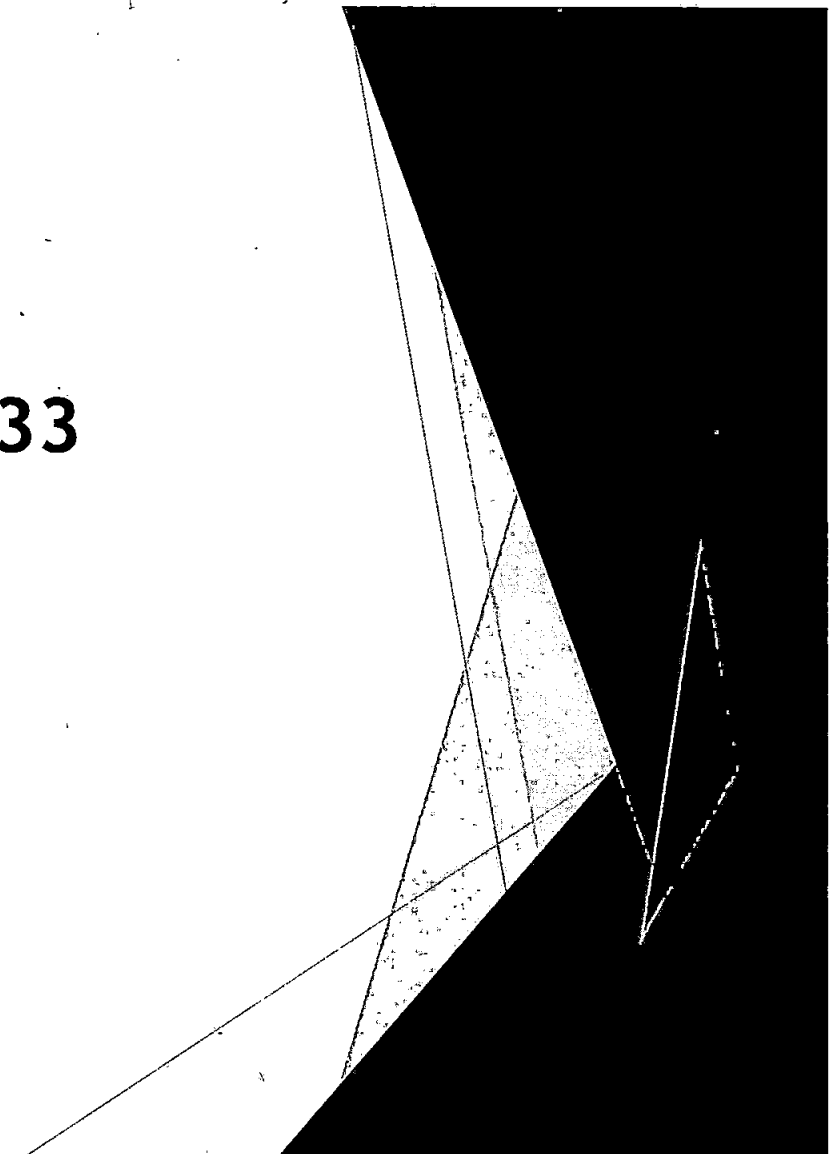




PAGE: 1
 ST AUGUSTINE BEACH, FLA
 DATE: 08/03/05

Future Questions or Requests

▶ **Parks and Recreation 209-0333**





St. Johns County Board of County Commissioners

Parks & Recreation Department

December 1, 2020

Dear Shore Drive Homeowner:

I apologize for having to cancel the November 18 meeting that we had scheduled to discuss projects and proposed new parkland maintenance procedures. Our department had staff under quarantine due to COVID19.

The meeting has now been rescheduled for 6:00 p.m. on Wednesday, December 16 in the St. Augustine South Clubhouse located at 709 Royal Road. If the weather is favorable we will meet outside; please bring lawn chairs. If the weather is inclement, we will meet inside. The building does have limited space for social distancing so we expect that seating will be limited. We will also provide a Zoom meeting option for those that do not want to attend in person.

We plan to discuss the following projects and maintenance procedures:

- Doug Crane Boat Launch Improvements
- Shore Drive Docks
- Shore Drive Trees and bushes
- Shore Drive Mowing
- Proposed Shore Drive Pedestrian/bicycle Trail
- Fire Station redevelopment

If you cannot attend the meeting and have questions or ideas, please feel free to contact me at dbataille@sjcfl.us or 904.209.0333.

Here is the link for the Zoom meeting:

To join by video: <https://us02web.zoom.us/j/84861503164>

To join by phone: 1(929)205-6099

Meeting ID: 848 6150 3164

Best regards,

Doug Bataille
Director, Parks and Recreation
St. Johns County, Florida

December 16, 2020

General Membership Meeting Signin / Initial

Members please initial and check phone # and email information

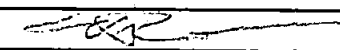

Initials:	Name	Address	Phone	Email
	Albro, Bruce	3904 Shore Drive		
	Anreise, Kate	123 Mohegan Road		
	Anreise, Thomas	123 Mohegan Road	971-533-0721	kateanreise@gmail.com
	Barrett, Linda	127 Mohegan Road	904-679-2288	ldb0044@gmail.com
	Bass, Jonathan	502 Royal Road	386-566-4721	
	Bass, Lauren	502 Royal Road		basslaurenh@gmail.com
	Bauknight, Allyce	119 Hercules Road		
	Bennett, Marie M.	3235 Kings Road	904-460-2041	
	Boulin, Micheline	137 Linden Road	678-296-8351	amicheline@hotmail.com
	Bruijn, Julie	702 Gerona Road	904-252-7858	bruijn2@gmail.com
	Bruijn, Mike	702 Gerona Road		
Handwritten initials	Caraway, Handley	312 Wisteria Road	904-797-4660	handlywii@bellsouth.net
Handwritten initials	Caraway, Sandra	312 Wisteria Road		san13car@yahoo.com
	Carson, Lynne	516 Segovia Road	516-319-9688	lclvt@optonline.net
	Casey, Tom	208 Lobelia Road	203-308-1083	doris@fastmail.com
	Ceballos, Alma	119 Hercules Road	770-309-4374	alma.cebillos@live.com
	Chappell, Alan	137 Egret Road	904-814-4790	alan@tlchomesta.com
	Chappell, Tracy	137 Egret Road		
Handwritten initials	Czerwinski, Rob	306 Arrowhead Road	904-599-1501	rczerwinski@gmail.com
Handwritten initials	Davidson, Bruce	1824 Shore Drive	516-361-3651	ldavidson4124@gmail.com
	Davidson, Lorie			
	Davis, Eric	701 St. Augustine South Drive		
	Davis, Rebecca	701 St. Augustine South Drive	904-866-5163	rfdavis001@comcast.net
Handwritten initials	Dawson, Jeri Sue	707 Warbler Road		
	Dawson, Tony	707 Warbler Road	951-323-0173	jerrisue@gmail.com
	Decker, Tom	109 Martain Road	703-622-7558	jody.simon17@gmail.com
	D'Elena, Andre'	809 Saint Augustine South	904-806-1499	andre.delena@gmail.com

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	D'Elena, Rebecca	809 Saint Augustine South Drive		
	Doucette, Clifford	133 Queen Road		
	Doucette, Leslie	133 Queen Road		
	Erb, Brian	120 Gentain Road		
	Erb, Shelly	120 Gentain Road	904-591-9520	erbshelly@yahoo.com
	Esser, Chip	717 Segovia Road	904-501-8732	esserdenise@yahoo.com
	Esser, Deé	717 Segovia Road		
	Fedeles, Patricia	262 Dartmouth Road		
	Fedeles, Stephen	262 Dartmouth Road	904-377-8792	fedeles@bellsouth.net
	Fisichella, Angelo	836 Queen Road	904-794-0802	arf@netway.com
	Fitzgerald, Steve	134 Pelican Road		sushifitz@gmail.com
	Flagler, Emily	130 Neptune Road		emilydorman87@yahoo.com
	Flagler, Ryan	130 Neptune Road	850-933-3987	rflagler1310@gmail.com
	Fraipont, Elissa	310 Prince Road	240-0625-6131	ejligna@yahoo.com
	Gaudino, Sara	235 Cypress Road	678-986-4631	razey235@cypress.com
	Geer, Margo	249 Argonaut Road	904-669-7410	margogeer@aug.com
	Godbolt, Sue	2318 Shore Drive		suzanne2318@gmail.com <i>29</i>
	Gould, Mark	115 Egret Road	815-590-6152	
	Gould, Susan	115 Egret Road	815-973-8410	
	Hartley, Ellis	135 Tanager Road		
	Higgins, John	502 Tanager Road	727-343-2077	jhhiggins17@yahoo.com
	Higgins, Karen	502 Tanager Road		
<i>RH</i>	Hope, Ruth	133 Neptune Road	703-283-6125	ruth.hope@verizon.net
	Houser, Richard	3512 Shore Drive	843-906-1886	rickhouser58@gmail.com
	Hueck, Oona	223 Argonaut		
	Johnson, Arleen	101 Linden Road	850-218-2184	
	Jones, Michael	223 Argonaut	305-282-7847	mickoona@gmail.com
	Kennedy, Joyce			
<i>RH</i>	Kennedy, Robert	xxxx	904-501-3586	rke55edy@gmail.com
	Kintz, Patricia	144 Wisteria Road		
	Kintz, William	144 Wisteria Road	262-653-1348	pkintz4646@aol.com
	Kobryn, Mary	4804 Shore Drive	904-687-9309	kobryn@bellsouth.net

	Krayer, Cathy	711 Warbler Road	954-636-0365	cathykrayer@gmail.com
	Kroeger, Jessica	423 Shamrock Road		
	Kroeger, Ryan	423 Shamrock Road	904-728-1010	r.kroeger@comcast.net
	Kruse, Una	3904 Shore Drive	904-797-7208	unacruise@me.com
	Lundberg, Francis	2406 Shore drive	904-347-6802	francesilundberg@hotmail.com
	Maguire, Jim	425 Gentian Road	904-293-6956	joanjimmack@comcast.net
	Maguire, Joan	425 Gentian Road		
	Malenda, Mary Ellen	180 Hawthorne Road		
	Malenda, Wayne	180 Hawthorne Road	203-206-5919	ultrarem@aol.com
	Millerick, Mark	3502 Shore Drive	904-814-5255	mrm2602@aol.com
	Millerick, Susan	3502 Shore Drive		
<i>BM</i>	Milliken, Bruce	2706 Shore Drive	904-342-7074	rowmeo57@gmail.com
<i>BKM</i>	Monahan, Bonnie		904-501-4310	
<i>CVM</i>	Monahan, Clark	139 Neptune Road	904-501-4467	clarkmonahan@yahoo.com
	Monahan, Kathy	214 Arrowhead Road	904-806-6604	kmjagfan@yahoo.com
	Monahan, Steve	214 Arrowhead Road		
	Nizza, Joan	142 Egret Road		jnizza6476@aol.com
	Nizza, Theresa	142 Egret Road	904-794-5129	
	O'Keefe, Edith	346 Jasmine Road		
	O'Keefe, Gus	346 Jasmine Road	904-794-1890	
	Oli, Rajendra	133 Neptune Road	703-328-3112	rajendra.oli@verizon.net
	Oliver, Gail	113 Egret Road		
<i>Sund</i>	Oliver, Michael	113 Egret Road	904-687-5655	pgoliver@bellsouth.net
	Olsen, Ed	1377 Prince Road	904-797-1791	edolsen@bellsouth.net
	Olsen, Sue			
	Parlon, Bobby	5252 Shore Drive	904-615-7603	bobbyparlon865@yahoo.com
	Perin, Dennie	122 Jupiter Road	904-599-6436	
	Perin, Nancy	122 Jupiter Road	904-797-3634	
	Phelps, Jeff	340 Orchis Road	904-697-6132	jeffphelps770@yahoo.com
	Phelps, Koren	340 Orchis Road		
	Pierce, Sarah	135 Tanager Road	503-488-9633	sarahelisepierce@gmail.com
	Powers, Margaret	795 Blackmore Gate		

	Prevatt, Jeffrey	2572 Shore Drive		
	Prevatt, Nancy			
	Razey, Chad	235 Cypress Road		
	Reim, Kathryn	124 Heron Road		
	Reim, Kenneth	124 Heron Road	914-462-2323	kreim@live.com
	Rideman, Debra	2236 Shore Drive	904-806-7900	drideman@gmail.com
	Rideman, Ronald	2236 Shore Drive		
	Roberts, Bob	240 Swallow Road	904-794-7656	
	Roberts, JoAnn	240 Swallow Road		joroberts1005@gmail.com
	Ronci, Jané	154 Segovia Road	904-501-0638	jironci1@yahoo.com
	Rosa, Dora	121 Argonaut Road		
	Rowland, Keith	129 Cornell Road	904-794-4543	keithrowland@bellsouth.net
	Rowland, Lynn	129 Cornell Road		
	Ryan, Lindsey	203 Queen Road	904-626-1193	lkryan81@gmail.com
	Ryan, Mason	203 Queen Road		
	Saghir, Jim	132 Faun Road	904-501-7429	jas@demorgan.com
	Saghir, Kay			
	Sanderson, Dan	2318 Shore Drive	413-244-4684	
	Satterelli, Joseph	132 Drake Road	517-403-3762	jsatterellie@sominet.com
	Satterelli, Lucille	132 Drake Road		
	Searcy, Debbie	2302 Shore Drive		
SS	Searcy, Eric	2302 Shore Drive	904-392-7203	eericsearch@att.net
	Shary, Chris	108 Martin Road	904-347-6551	sharych4@aol.com
	Shary, Dorothy	108 Martin Road		
	Shugart, Jacqueline	219 Hawthorne Road	904-687-4717	jacquelineshugart@icloud.com
	Silox, Josh	842 Gerona Road		
	Simon, Jody	109 Martain Road		
	Smith, Brenda	5268 Shore Drive	580-284-3721	banerd@fidnet.com
	Smith, Mike	624 Gentain Road		
	Smith, Suzanne	624 Gentain Road	904-347-8908	suzyandmike2006@gmail.com
NS	Soucy, Nicolette	365 Orchis Road	954-336-6861	nicolettesoucy@yahoo.com
	Spingola, Tribley	5252 Shore Drive		

	Staley, Heather	461 Gerona Road	904-599-6247	heatherstaley3@gmail.com
	Tadlock, Barbro	138 Egret Road	904-797-3902	
	Taylor, Doris	208 Lobelia Road		
	Teagle, Ellen			
	Teagle, Greg	2204 Shore Drive	904-599-2108	gregteagle89@gmail.com
	Torres, Joe	310 Prince Road		
GW	Watts, George	2230 Shore Drive	904-673-1016	gwstaug@yahoo.com
RW	Watts, Rene'	2230 Shore Drive		renewattshr@yahoo.com
	Wehr, Phebe	134 Pelican Road	904-794-7564	phwehr@bellsouth.net
	West, Christina	121 Argonaut Road		
	West, Victoria	121 Argonaut Road	904-687-9291	haerwest2@yahoo.com
	Whitaker, Dave	514 Gentain Road	828-450-1646	davewhitaker2@gmail.com
	Whitaker, Mary	514 Gentain Road		
	Wilson, Evelyn	241 Wisteria Road	904-797-3233	ewokwil@aol.com
	Wilson, Steve	241 Wisteria Road		
	Zimmer, Louis	138 Drake Road	904-669-7980	zimmer3@bellsouth.net
	Zimmerman, Cindy	842 Gerona Road	904-806-0863	cindyzparker@gmail.com

December 16, 2020

SASIA General Membership Meeting Signin

Non-Members

Name:	Address:	Phone #	Email (print legibly please)
Dave Haulde	3702 Shore	904/228-2713	dave.haulde@gmail.com
Christa Hall	309 Royal Rd	904-521-8369	gptrgrl-scc@comcast.net
BJ Hall	809 Royal Rd	904-392-9720	KNINE@A.MSN.COM
JERRY BROWN	2220 Shore Drive	904-728-1955	RQUAMAN1955@COMCAST.NET
KATRY REYNOLDS	2710 SHORE DR	904-501-6284	KLREYN@BELLSOUTH.NET
Lynne Tiner	2254 Shore Dr	904-501-0005	lynnetiner@hotmail.com
Mike Tiner	2254 Shore Dr.	904-501-0006	"
Joyce Duffy	402 Arrowhead Rd	410-688-0883	jduffy_budges@gmail.com
Maria Magruder	113 Shamrock Rd.	904-540-7806	
John Noedin	117 SHAMROCK RD	904-723-8000	
Emily VanFossen	406 GENTIAN RD.	580-302-1550	emmykg@yahoo.com
JOHN SCANTCEN	2314 SHORE DR	248-231-5747	JSCANTCENC@SBCGLOBAL.NET
Raymond Scales	4200 Shore Dr.	904-814-6363	
Jill Scales	" "	904-814-6364	
Harrison Scales	" "	904-347-9386	
Tommy Lee	210 Arrowhead Rd	904-501-4852	hondaquad43@gmail.com
Dan Kennedy	2580 Shore Dr	904 671 2628	
Matt Latta	404 Shore Dr	904 794 4231	mattelattadesign.com
Keith LaFlam	603 Warbler	904 347-9396	laflamdesign@aol.com

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The first part of the report is a general
 introduction to the subject of the
 study. It is followed by a description
 of the methods used in the study.
 The results of the study are then
 presented, and a discussion is given
 of the implications of the findings.
 The report concludes with a summary
 of the main points and a list of
 references.

**Exhibit O – Letter from U.S. Forest Service or
National Park Service**

NOT APPLICABLE

Exhibit Q – Mixed Use Projects
NOT APPLICABLE

Exhibit R1 – How this project relates to trails safety, trails related environmental education, or trails-related environmental protection



St. Johns County Board of County Commissioners

Parks & Recreation Department

Exhibit R

- X 1. Improve trail user safety
- X 2. Reduce trail user impacts upon the resources.
- X 3. Increase public awareness of trail opportunities

Currently individuals who walk, jog or ride their bike along Shore Dr. in the St Augustine South neighborhood are having to do so on the side of a pre-existing roadway. Developing this trail will move these user groups off the road and onto a trail, thus increasing safety for all parties. Additionally, having a trail present in the area will keep the said users in the designated trail whereas now there is no clear delineation of where to recreate on the Shore Dr Parkland. Having users on the trail will reduce the impacts and disturbances to the current natural resources as well as the archeological significance of the site. It is St Johns County Parks and Receptions goal to include the proposed trail on the parks website upon completion to give the public notice of this amenity.

Exhibit R2 – Timetable and Deliverables

Exhibit R3 – Target Audience

**Exhibit S – Letters of Commitment from Trail
Interest Groups**

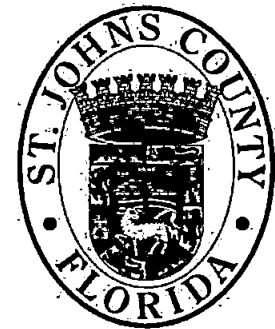
Exhibit T – Evaluation Methodology



Agenda Item #

Proposed RTP Grant Application

St. Johns County
Board of County Commissioners

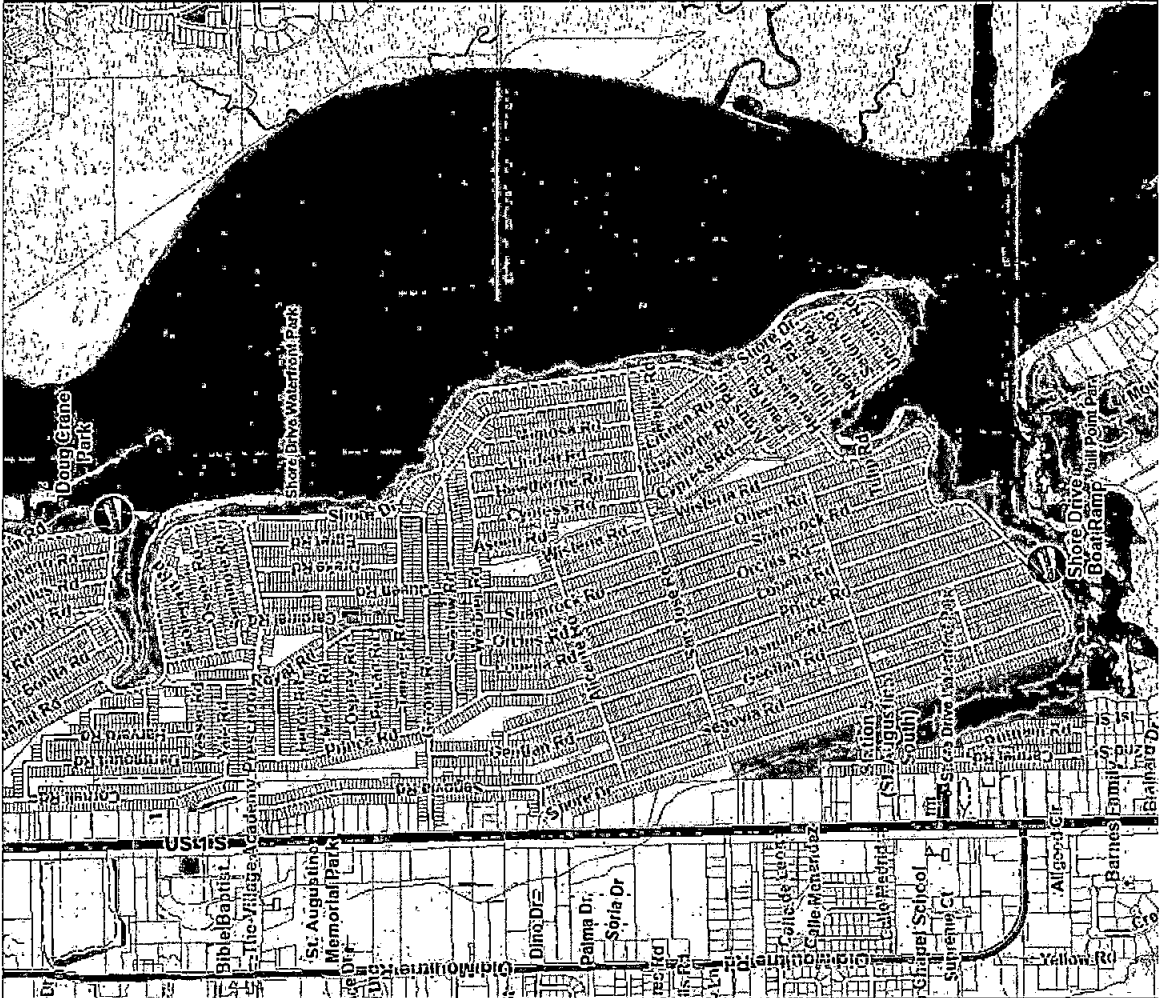


RTP Grant Application for Shore Dr. Trail

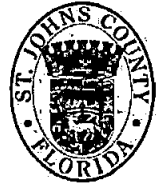


□ Request:

- Request approval to apply for a Recreation Trails Program Grant to construct a 3 mile pedestrian/bicycle trail.
- Located along Shore Drive from Doug Crane Boat Ramp to existing boardwalk west of the Shore Drive Boat Ramp.



RTP Grant Application for Shore Dr. Trail



Introduction

Review

Analysis

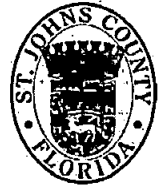
Public Input

Findings

Background

- Additional walking and biking trails were the top citizen priority from the 2019 Master Plan.
- Numerous studies have shown that trails:
 - Improve citizen health
 - Increase property values
 - Are top amenities for homebuyers
 - Trails are used most by those that can walk or bike to them.

RTP Grant Application for Shore Dr. Trail



Recreation Trails Program

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- \$400,000 in matching RTP funds if awarded
- County match through Impact Fees or other

RTP Grant Application for Shore Dr. Trail



□ Analysis:

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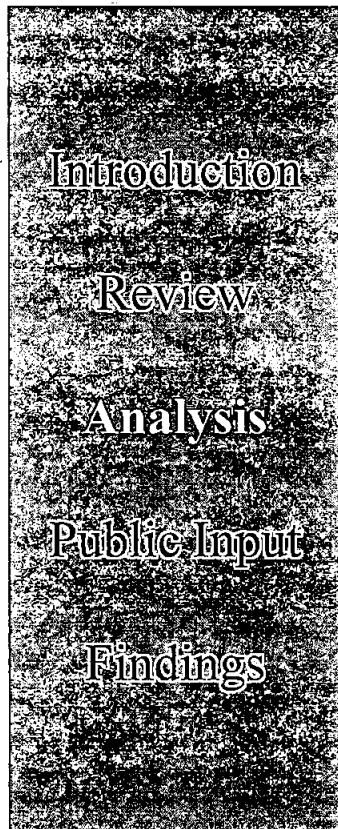
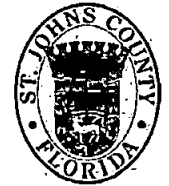
Analysis

Public Input

Findings

Source of Funds	
RTP Grant Funds Requested	\$400,000
County Match	\$840,000
Total	\$1,240,000

RTP Grant Application for Shore Dr. Trail

A vertical sidebar with a textured background containing the following text:

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Analysis
Public Input
Findings

Analysis:

- Approximately 75% of the 2,281 homes in St. Augustine South are within ½ mile of the trail location providing high levels of walking and bicycling access to the trail
- The trail was designed in 2006 but never completed
- 3 miles in length along Shore Drive

RTP Grant Application for Shore Dr. Trail



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□ **Public Input:**

December- Letter to all Shore Drive Homeowners

December- SASIA meeting – 68 in attendance

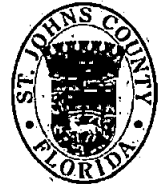
January- SASIA meeting 39 in attendance

December & January- On-line survey promoted through SASIA and St. Johns County

January Recreation Advisory Board voted to recommend approval to seek grant funding but to gather more public input before the BCC meeting

February- Presented for grant application approval at the February 16 BCC meeting

RTP Grant Application for Shore Dr. Trail



Public Input Questions:

- Why not a sidewalk width?
 - DOT minimum recommended is 8' for pedestrian and bicycle shared use.
 - However, it is legal to ride bicycles on sidewalks, but conflicts due to width are more common.
- Could it be on the ROW?
 - Yes, but it would be a Public Works project that would be more expensive due to road design standards and drainage issues.

RTP Grant Application for Shore Dr. Trail



Public Input Questions:

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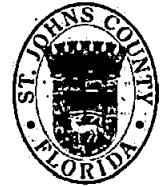
Public Input

Findings

Parking

- Doug Crane is being redesigned and car parking will be designated.
- Approximately 75% of the residents in St. Augustine South are in walking/cycling distance.
- Parking demand is typically disbursed throughout the day and visits are typically short allowing for turnover of parking.

RTP Grant Application for Shore Dr. Trail



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■ Survey Findings:

As of 1/25/21

- Total all residents
 - 588 respondents
 - 68% support the trail
 - 32% oppose the trail
- St. Augustine South residents
 - 344 respondents (58% of total)
 - 57% support the trail
 - 43% oppose the trail

RTP Grant Application for Shore Dr. Trail



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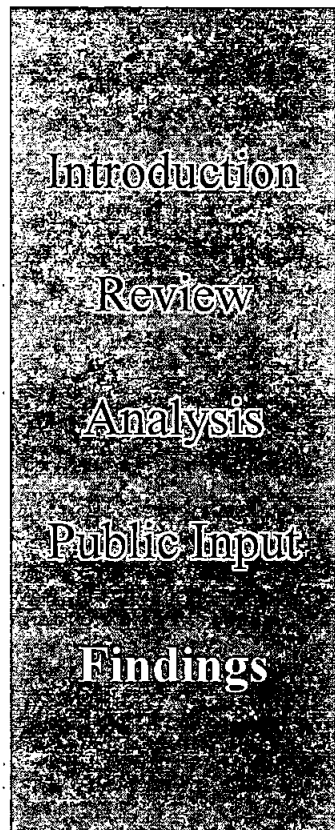
Findings

Paper Survey Findings:

Collected at the December and January SASIA meetings.

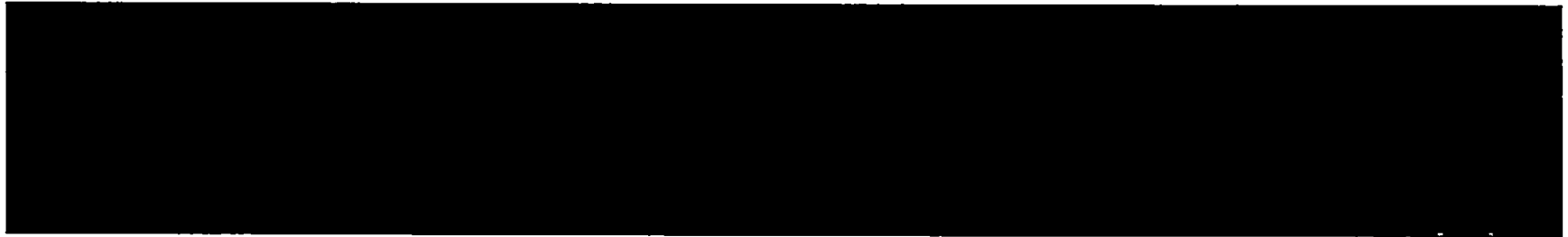
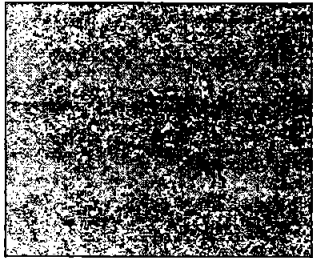
- St. Augustine South residents
 - 39 respondents
 - 28% support the trail
 - 72% oppose the trail

RTP Grant Application for Shore Dr. Trail



Recommended Action:

- Motion for approval to apply for a Recreation Trails Program Grant to construct a 3 mile pedestrian/bicycle trail.



St. Johns County
Board of County Commissioners

