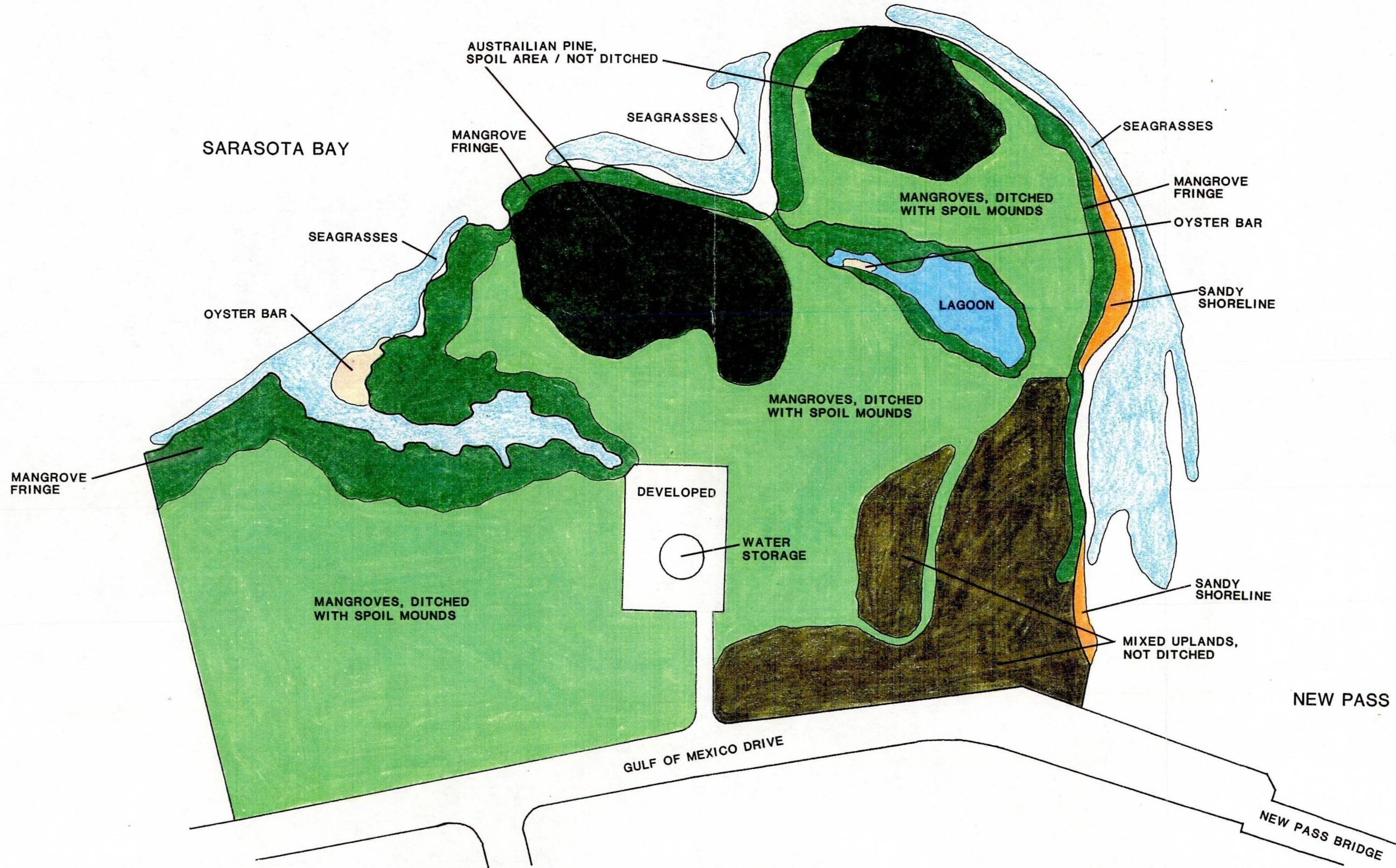


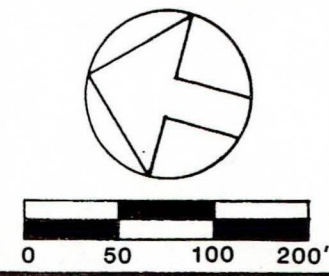
TOWN OF LONGBOAT KEY
ANSEL PROPERTY: HABITAT FEATURES, PLAN VIEW

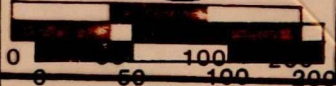
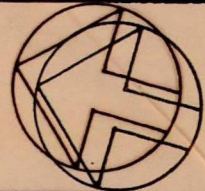
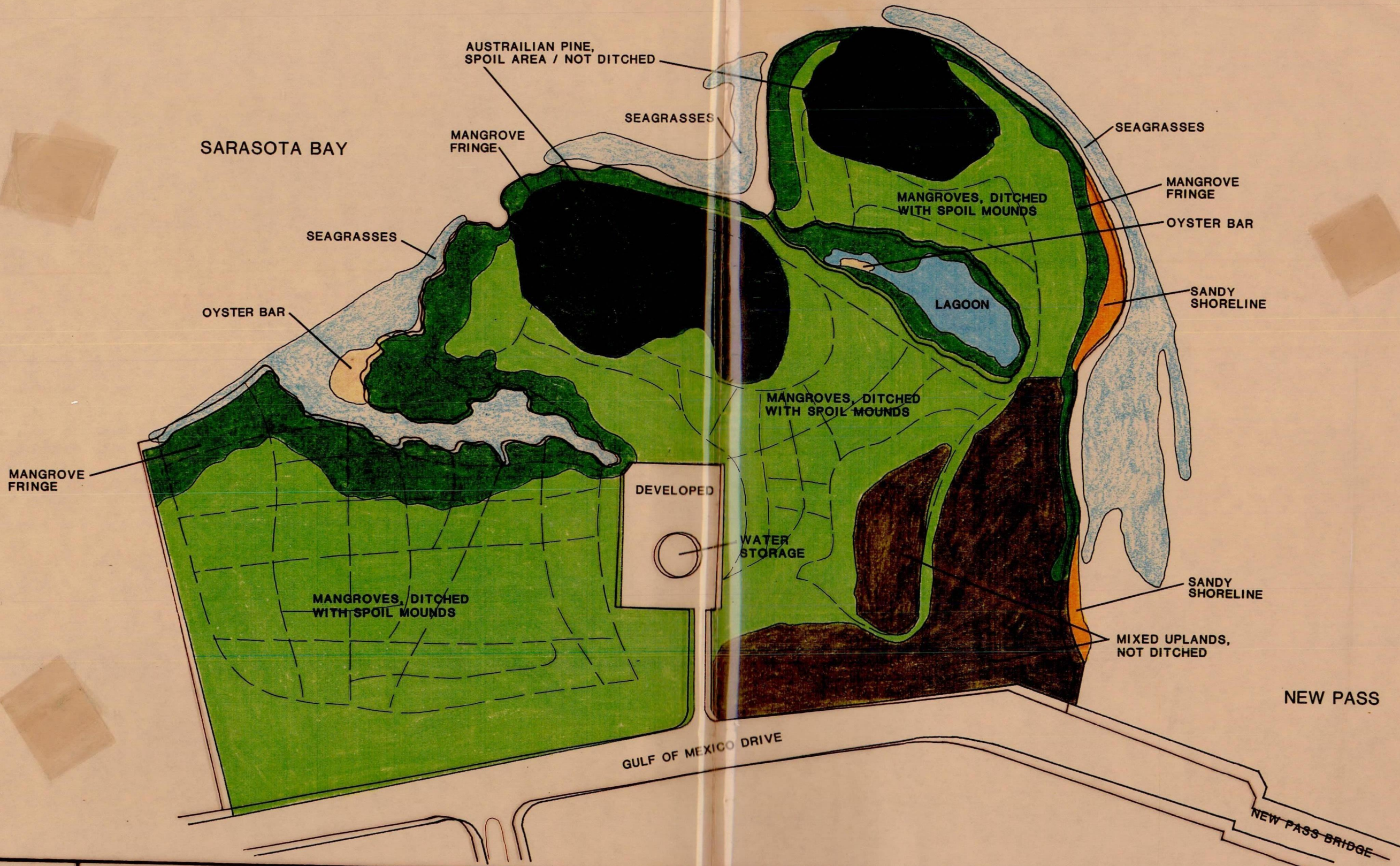
PREPARED BY:
COASTAL DUNES, INC.
 SARASOTA, FL



TOWN OF LONGBOAT KEY
 QUICK POINT PROPERTY: HABITAT FEATURES, PLAN VIEW

PREPARED BY:
COASTAL DUNES, INC.
 SARASOTA, FL





TOWN OF DUNEDIN, FLORIDA
 QUICK POINT PROPERTY EXISTING MEASURES, BLANCHARD

* APPROXIMATE LOCATIONS

PREPARED BY:
 COASTAL DUNES, INC.
 COASTAL DUNES, INC.
 SARASOTA, FL

MINUTES OF THE REGULAR WORKSHOP OF THE LONGBOAT KEY TOWN COMMISSION,
JULY 18, 1991, 1:00 P.M.

Present: Mayor Brown, Vice-Mayor Green, Commissioners Pollock,
Metz, Savidge, Twyman, Wolverton

Also Present: Town Manager Cox, Town Attorney Persson,
Finance Director Sullivan, Public Works Director Smally,
Police Chief McCammon, Fire Chief Fakelman, Associate
Planner Schield, Administrative Services Director
Hubbard, Purchasing Agent Heger, Town Clerk Arends,
Deputy Clerk Spencer

I. Items for the Consideration of the Town Commission:

1. Quick Point Nature Preserve Status Report.

Mayor Brown noted the Town Commission participated in an on-site inspection of the Preserve this morning. Discussion regarding parking led to a unanimous consensus to eliminate on-site parking as adequate parking space was available across the street (at The Overlook) with room for a future walkway under the bridge. Town Manager Cox questioned if this included parking of bicycles; the Commission reached a consensus to place a bicycle rack inside the Preserve.

Using a conceptual map of Quick Point, Associate Planner Schield summarized project goals to date: an access road, 12 parking spaces, a loop system for walking, and two overlooks. He stated the Department of Environmental Regulation would handle permitting for the restoration project following their recommendations.

There was consensus to eliminate the loop trail and replace it with a bayshore path. Commissioner Pollock related public concerns that the Preserve would become a heavy traffic area. Vice-Mayor Green opined the area would not become an attractive nuisance as the project was only for habitat restoration.

Virginia Sanders, 709 Hideaway Bay Drive, explained the (Manasota) Basin Board had made a strong recommendation that funds granted be used only for habitat and ecological restoration; however, this was not an actual restriction on the grant. She stated there was no need for a duplication of educational aspects which were amply addressed nearby. She objected to the path because it would draw fishermen to the lagoon and Bay who would disturb ecological and habitat areas. She illustrated her point by providing photographs of other public areas on Longboat Key showing extra maintenance would be needed if the public had access to the Preserve.

Kit Fernald, 5920 Gulf of Mexico Drive, suggested some tall trees be kept for nesting birds, as well as keeping the area "wild" or "native" rather than "landscaped".

Vice-Mayor Green outlined his view regarding the Town's portion of financing the project: open space funds should be used instead of

General Funds with the in-kind funds carefully monitored and any funding required transferred from one fund to the other as the expenses incurred.

Discussion of funding and use of available funds were stated to be used for ecological and habitat restoration; the cost of the path was not included in those covered by habitat restoration funds.

Mark Alderson, Executive Director of the Sarasota Bay National Estuary Program, stated more than \$300,000 in cost could be expected; however, total cost estimates would be brought before the Commission for approval. An interlocal agreement between the Town and the Southwest Florida Water Management District would be prepared with the NEP sponsoring this project. A contract would be required between the DER and Sarasota County for certain tasks; the DER would contact the Public Works Department before the final design was to come before the Commission. Mr. Alderson confirmed for Mr. Cox that the DER grant could be matched by the Town with in-kind services and utilized this fiscal year; whereas, the Manasota Basin Board grant of \$100,000, available 10-1-91, would have to be matched in cash. Mr. Alderson stated additional funds may be available from DER for plantings once the project had begun, as well as other funding.

Mr. Alderson gave a brief history of other projects the SBNEP was involved with, including support of CARL applications for Sister Keys.

Discussion of what constituted in-kind matching contributions determined that application fees and staff time (based on salaries), including for the Town Manager, Planner, and Associate Planner, as well as Public Works Department staff doing the restoration work, could be included.

Mayor Brown summarized the current scope of the project. There was a consensus a controlled walk and restoration as planned be included. There was consensus the \$100,000 in-kind contributions would come from open space funds, (the Town's Land Acquisition Fund). Mr. Sullivan advised at the end of the next fiscal year the balance in this fund would be \$205,000. Commissioner Metz proposed that cash contributions come from General Funds at a later date. Discussion of when matching funds were due led to the conclusion that in-kind contributions by the Town were to be made available in the next fiscal year, carrying forward all expenditures currently incurred. Mayor Brown stated the General Fund expenditures were to be tracked.

Mr. Cox stated the overlay of the plan would be forwarded to the 9-5-91 Regular Meeting showing what had been approved today. Mayor Brown stated the overlay should be published in local newspapers a week prior to the meeting so that the public had updated information of the plan.

2. Proposed Ordinance 91-16 Levying Millage.

Finance Director Sullivan stated this ordinance established a maximum millage and referred to the Minutes of the 7-2-91 Budget

B. Project Revenues

The opportunity exists to concurrently proceed with the preparation of construction documents and permit applications while making application for potential funding sources. Various governmental agencies provide funding for passive recreation use on environmentally sensitive lands and the Town of Longboat Key is currently in the process of applying for such funds. Relative to cost estimates, the sources of estimated funding for implementation of this project include the following:

State of Florida (DER) ¹	\$100,000
Longboat Key ²	\$200,000 [#] 100,000
Manasota Basin Board ³	\$100,000
 	<hr/>
TOTAL	\$400,000 300,000

NOTES:

- 1) Pollution Control Recovery Trust Fund (preliminary)
- 2) Parks and Open Space Land Acquisition Fund
- 3) Manasota Basin Board Cooperative Funding FY 92

6. Key Personnel

Mr. Daniel N. Gaffney (Primary Contact Person)
Planning Director
Town of Longboat Key
501 Bay Isles Road
Longboat Key, FL 34228
(813) 383-3721

Mr. Steve Schield
Associate Planner
Town of Longboat Key
501 Bay Isles Road
Longboat Key, FL 34228
(813) 383-3721

Mr. Len Smally
Public Works Director
Town of Longboat Key
501 Bay Isles Road
Longboat Key, FL 34228
(813) 383-3721



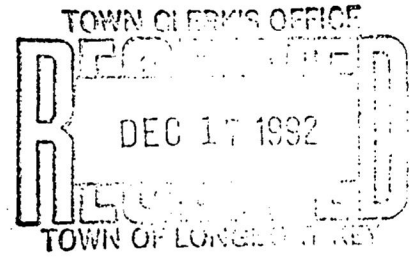
LAWTON CHILES
GOVERNOR

STATE OF FLORIDA

Office of the Governor

THE CAPITOL
TALLAHASSEE, FLORIDA 32399-0001

December 9, 1992



Honorable James P. Brown
Mayor
501 Bay Isles Road
Longboat Key, Florida 34228

Dear James:

Thank you for your letters to Lieutenant Governor MacKay and me regarding restoring the budget authority in the Pollution Recovery Trust Fund for the purpose of providing matching funding for the restoration project in the Quick Point Nature Preserve.

I realize that this restoration project, as well as many other projects around the State, are worthwhile and legitimate expenditures from the trust fund. However, there were two projects specifically funded through proviso language which obligated the majority of this appropriation; thereby reducing the number of restoration projects that could be funded this year. Incidentally, I vetoed the two projects because they were not legitimate uses of the trust fund, and they had not been through the legislative review process.

I am recommending an increase of \$2 million for this appropriation category in Fiscal Year 1993-94 to address the backlog of desired restoration projects which require funding.

We appreciate your taking the time to write to us on this matter of our mutual concern.

With kind regards, I am

Sincerely,

LAWTON CHILES



LC/drm

cc Full distribution



TOWN OF
LONGBOAT KEY

Incorporated November 14, 1955

501 Bay Isles Road
Longboat Key, Florida 34228
(813) 383-3721
FAX 383-7231

September 28, 1992

The Honorable Senator John McKay
2424 Manatee Avenue West, Suite 101
Bradenton, FL 34205

Dear *John* Senator McKay:

The Town of Longboat Key is requesting your help in the release of spending authority for the FDER Pollution Control Recovery Trust Fund as soon as possible.

The Town's Quick Point Nature Preserve Restoration Project is to be partially funded from this source. This project is a joint effort between the Town (\$100,000), SWFWMD (\$100,000) and FDER Pollution Recovery Trust Fund (\$100,000 requested). The Sarasota Bay Estuary Program strongly supports and is helping to coordinate this major restoration project to enhance the health of Sarasota Bay. FDER staff has rated this as the number one priority project in the State, for use of Pollution Control Recovery Trust Fund monies.

The Town, in conjunction with the SWFWMD and NEP, has already begun the implementation of the project, so it is important that the FDER funds be released in a timely manner to completely fund this important project in Sarasota Bay.

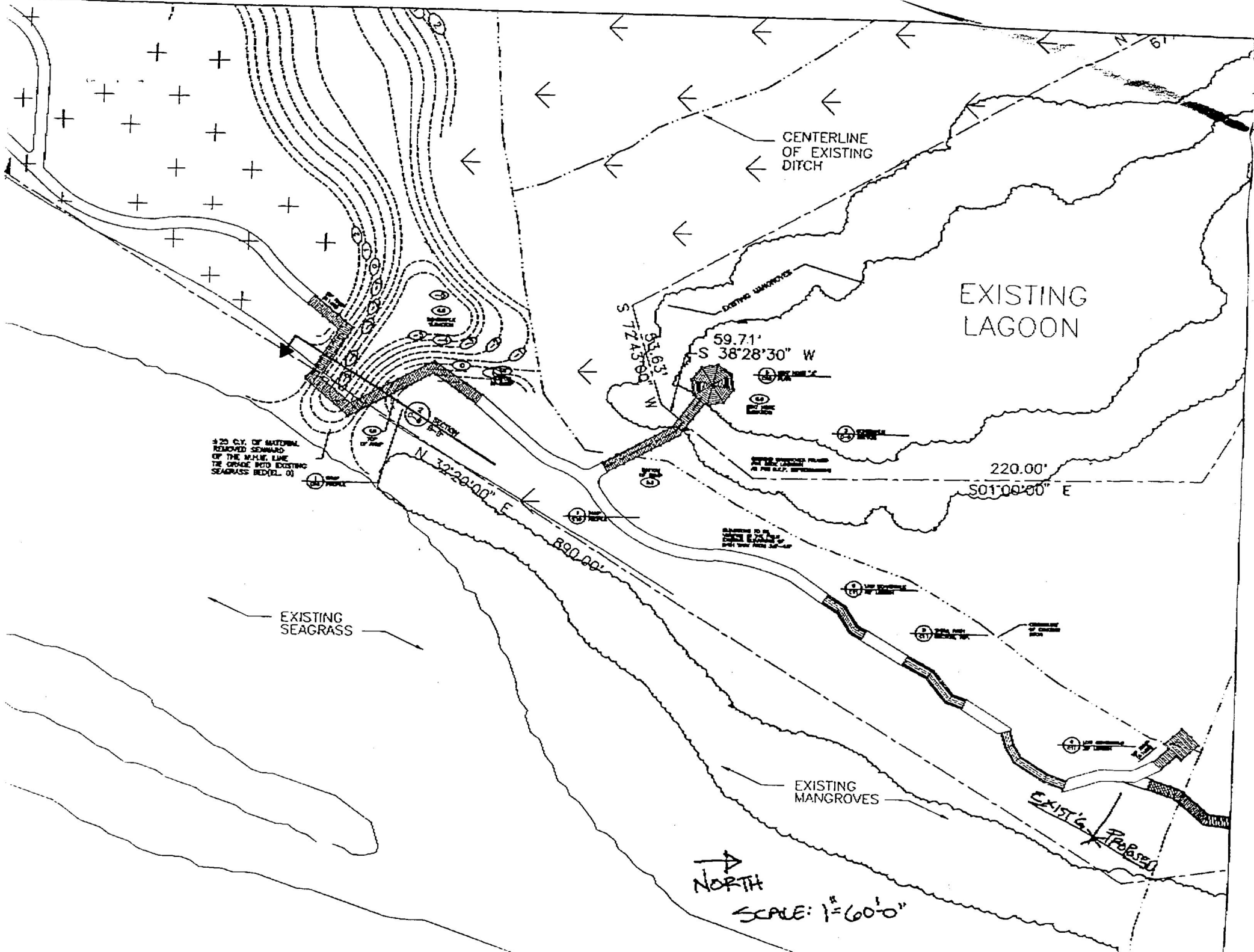
Your help in this regard is greatly appreciated by the Town, the Sarasota Estuary Program and all those concerned with the future health of Sarasota Bay.

Sincerely,

Jim
James P. Brown
Mayor

/dmh

cc: Mark Alderson, NEP
Allen Burdette, FDER



320 C.Y. OF MATERIAL
REMOVED SEWARD
OF THE M.H.P. LINE
TO GRADE INTO EXISTING
SEAGRASS BED (E.L. 01)

CENTERLINE
OF EXISTING
DITCH

EXISTING
LAGOON

NORTH

SCALE: 1"=60'-0"

EXISTING
SEAGRASS

59.71'
S 38°28'30" W

S 72°45'00" W
51.63'

N 32°20'00" E
890.00'

220.00'
S 01°00'00" E

EXISTING
MANGROVES

EXISTING
PROPOSED

PREPARED FOR:
**THE TOWN OF
 LONGBOAT KEY
 FLORIDA**

**QUICKPOINT
 NATURE PRESERVE**

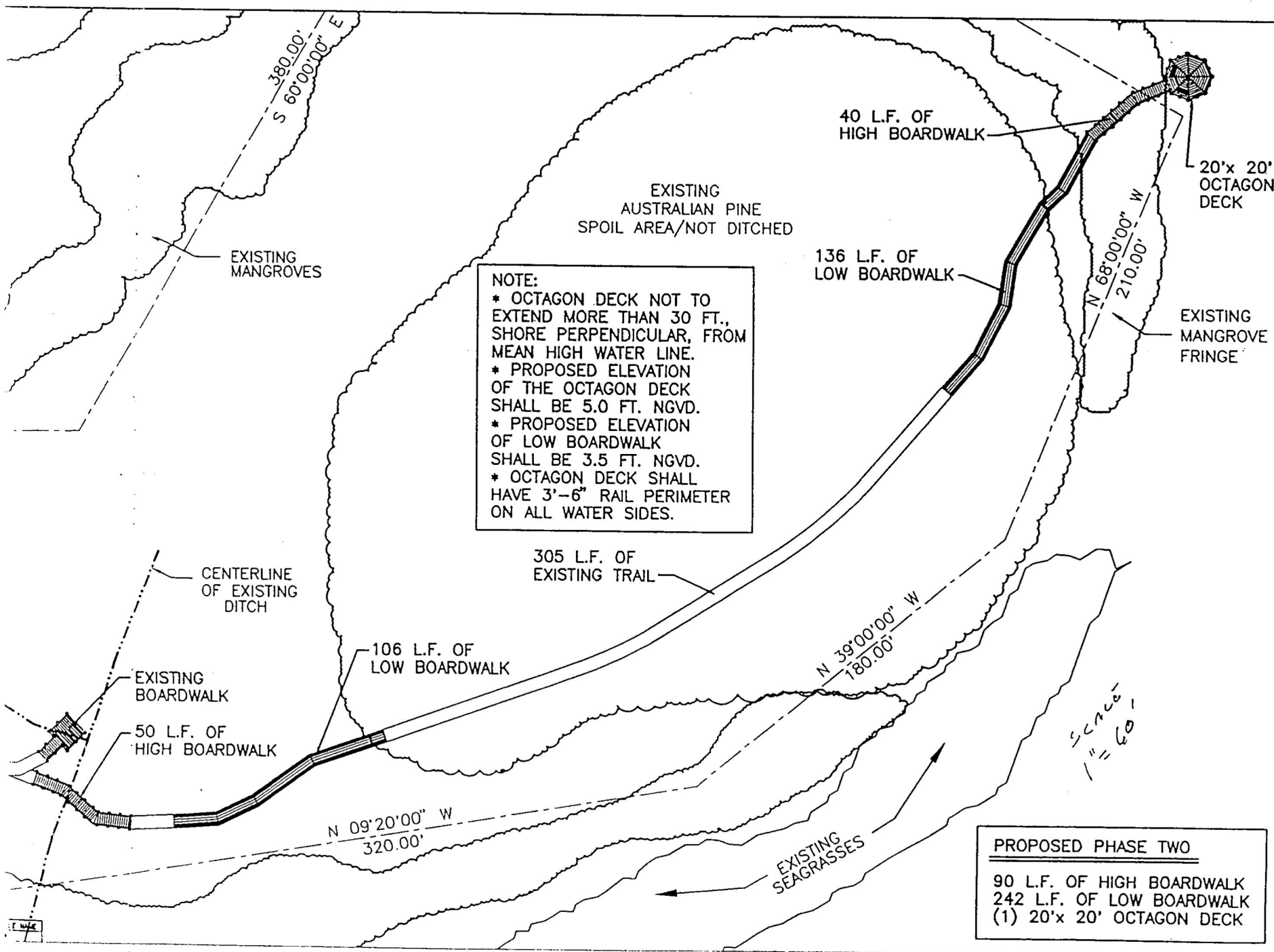
SHEET TITLE:
**PHASE TWO
 PLAN**

DSW
 DESIGN STUDIOS WEST, I
 PLANNING DIVISION
 ARCHITECTURE LANDSCAPE ARCHITECTURE
 1307 SECOND STREET SUITE 200
 TAMPA, FLORIDA 33604
 (813) 288-1700 FAX (813) 288-7444
 SERVICE BUREAU

LANDRY & ESBER
 ARCHITECTURE & LANDSCAPE
 130 N. PALM BEACH BLVD. SUITE 201
 WEST PALM BEACH, FLORIDA 33411
 (561) 833-2244 FAX (561) 833-2244

COASTAL DUNES
 LANDSCAPE ARCHITECTURE
 813-288-6633 FAX 813-288-6633

PALMER & ASSOCIATES P.A.
 PROFESSIONAL LAND SURVEYORS
 100 SOUTH ADAMS • TAMPA, FLORIDA 33601



NOTE:
 * OCTAGON DECK NOT TO EXTEND MORE THAN 30 FT., SHORE PERPENDICULAR, FROM MEAN HIGH WATER LINE.
 * PROPOSED ELEVATION OF THE OCTAGON DECK SHALL BE 5.0 FT. NGVD.
 * PROPOSED ELEVATION OF LOW BOARDWALK SHALL BE 3.5 FT. NGVD.
 * OCTAGON DECK SHALL HAVE 3'-6" RAIL PERIMETER ON ALL WATER SIDES.

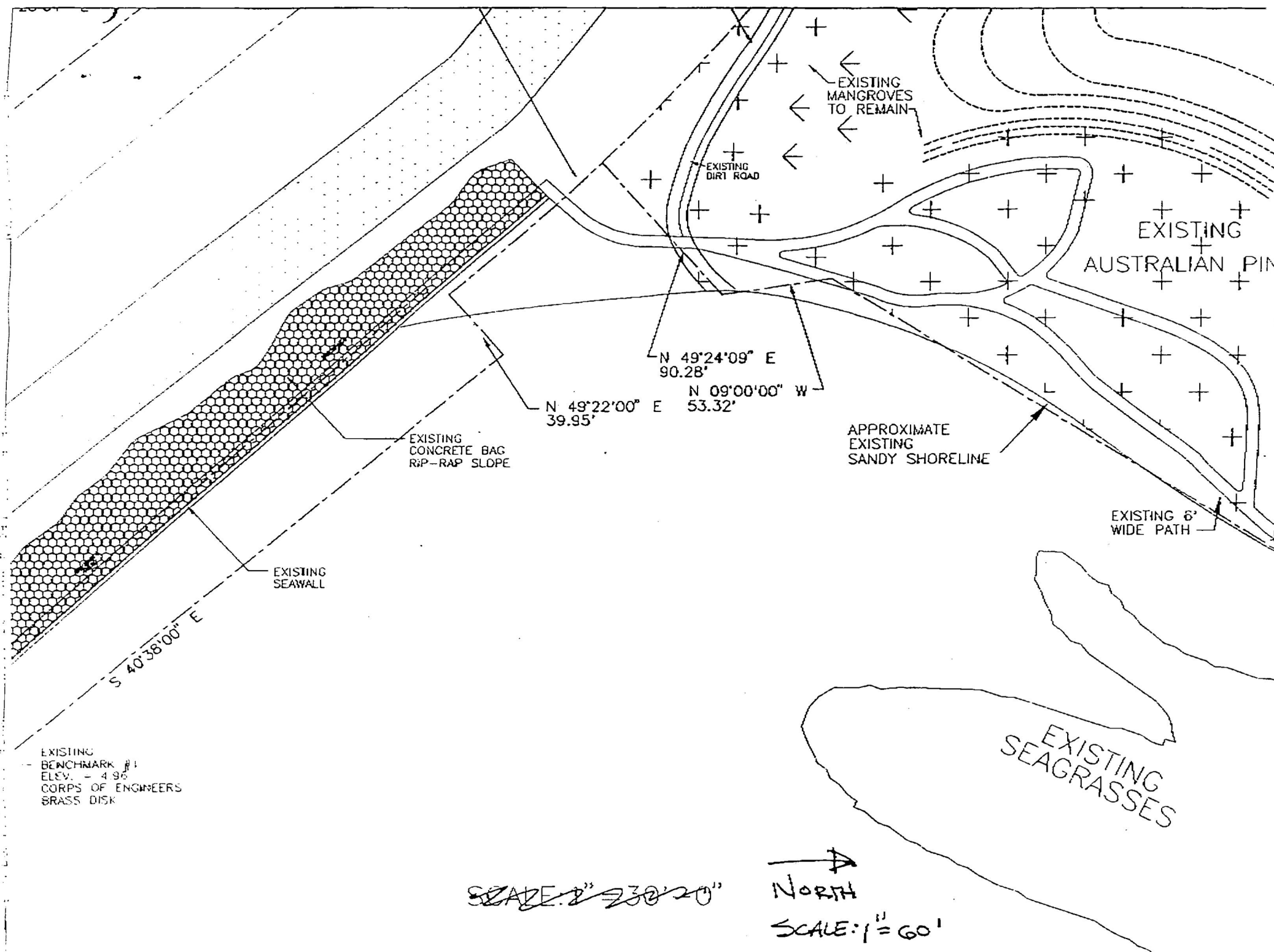
PROPOSED PHASE TWO
 90 L.F. OF HIGH BOARDWALK
 242 L.F. OF LOW BOARDWALK
 (1) 20'x 20' OCTAGON DECK

Sheet #

Scale 1" = 60'

North Arrow

Date: 11-08-08
 Drawn by: PPK
 Checked by: [Signature]



INTERLOCAL AGREEMENT

BETWEEN

THE TOWN OF LONGBOAT KEY
AND
THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
AND
THE SARASOTA BAY NATIONAL ESTUARY PROGRAM



Quick Pt file

THIS AGREEMENT, made and entered into this 22 day of February, 1992, by and between the TOWN OF LONGBOAT KEY, a political subdivision of the State of Florida, hereinafter referred to as the "TOWN"; the SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT, a public corporation created by Chapter 61-691, Laws of Florida, as amended, for itself and on behalf of the Manasota Basin Board, hereinafter referred to as the "DISTRICT"; and the SARASOTA BAY NATIONAL ESTUARY PROGRAM, a cooperative government program designated under Section 320 of the Federal Clean Water Act and amended in 1987 as the Water Quality Act, hereinafter referred to as the "PROGRAM".

W I T N E S S E T H :

WHEREAS, the parties have developed a plan to restore an environmentally sensitive site, known as Quick Point Preserve, located on the southeast tip of Longboat Key, which has been significantly impacted by dredge spoil material and invasion of exotic vegetation (hereinafter referred to as the "Project"); and

WHEREAS, the parties recognize the adverse impacts to the environment at Quick Point Preserve which do not provide optimal habitat and affect water quality in the surrounding Sarasota Bay waters; and

WHEREAS, the TOWN, DISTRICT, and PROGRAM have set the following objectives for the Project:

- o To restore one of many dredge spoil areas in Sarasota Bay which has been further impacted by mosquito ditching;
- o To increase the area of functional mangrove, wetland and shallow water habitats;
- o To improve bay circulation and water quality; and
- o To provide an opportunity for interagency cooperation with no impact to Southwest Florida Water Management District staff.

RECEIVED MAR 12 1992

WHEREAS, the DISTRICT (Manasota Basin Board) has committed \$100,000 to the Project, matching a \$100,000 commitment from the TOWN. The PROGRAM will provide citizen input and technical guidance through the PROGRAM'S Citizen and Technical Advisory Committees. The Florida Department of Environmental Regulation (FDER) may provide \$100,000 from the Pollution Recovery Trust Fund, for a total Project cost not to exceed \$300,000; and

WHEREAS, the TOWN, DISTRICT, and PROGRAM have reached an understanding on the type, extent, quality and time of performance and services to be rendered by the TOWN as well as the amount and method of compensation to be paid to the TOWN for the Project; and

WHEREAS, the TOWN, DISTRICT and PROGRAM wish to reduce their agreement and understanding to a written document.

NOW THEREFORE, in consideration of the mutual covenants and conditions contained herein, the parties hereby agree to the following:

1. The Scope of Work, referred to as "Exhibit A", describes the work to be performed relevant to the Project and is attached to and made a part of this Agreement.

2. The DISTRICT shall fund the Project up to a maximum of **One hundred thousand dollars and no cents (\$100,000.00)**. The DISTRICT shall reimburse the TOWN for those properly documented and allowable costs up to the DISTRICT'S funding commitment upon receipt of periodic invoices for work completed as defined in Exhibit A, Scope of Work. The TOWN shall not submit invoices more frequently than one per month. The DISTRICT shall reimburse the TOWN for approved invoices within thirty (30) days from the day the invoices are received.

3. The TOWN shall provide the DISTRICT and PROGRAM with any reports and documents resulting from the Project. It is understood and agreed that any report, study, map or other document developed and prepared by virtue of any or all monies contributed by the DISTRICT shall be considered as public documents and an appropriate number of copies shall be provided to the DISTRICT and PROGRAM without costs upon completion of the Project.

4. To the extent allowed by law, the TOWN shall defend, indemnify and save harmless the DISTRICT, its Governing Board, officers and employees, from and against all actions, causes, claims, demands, judgments, payments, recoveries and suits of any kind, arising out of or occurring as a result of any act or omission of the TOWN,

its employees or subcontractors in connection with this Agreement.

5. All written notices to the DISTRICT under this Agreement shall be sent to the following address:

Southwest Florida Water Management District
2379 Broad Street
Brooksville, Florida 34609-6899

6. All written notices to the PROGRAM under this Agreement shall be sent to the following address:

Sarasota Bay National Estuary Program
1550 Ken Thompson Parkway
Sarasota, Florida 34236

7. All written notices to the TOWN under this Agreement shall be sent to the following address:

Town of Longboat Key
501 Bay Isles Road
Longboat Key, Florida 34228

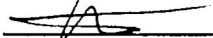
8. This Agreement may be terminated by the DISTRICT without cause upon fifteen (15) days written notice to the TOWN. This Agreement shall be deemed terminated on the fifteenth (15th) day after receipt of the foregoing notice. In the event of such a termination, the DISTRICT shall compensate the TOWN for all services reasonably and properly incurred in accordance with this Agreement.

9. This Agreement embodies the entire Agreement and understanding between the parties and is subject to change, alteration and modification only upon written agreement of all parties hereto.

10. This Agreement shall expire twenty four (24) months after the date first above written.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first above written by their duly authorized representatives.

SARASOTA BAY NATIONAL ESTUARY PROGRAM

BY: 
D. Mark Alderson, Program Director

DATE: 2-6-92

WITNESS: Susan Wellington Walker DATE: 2/16/92
Susan Wellington Walker, Business Manager

TOWN OF LONGBOAT KEY

BY: [Signature] DATE: 2/4/92
Albert T. Cox, Town Manager

ATTEST: Patricia L. Arends DATE: 2/4/92

FEDERAL EMPLOYER IDENTIFICATION NUMBER:
59-6017152
Town of Longboat Key

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

BY: Peter G. Hubbell DATE: 2/22/92
Peter G. Hubbell, Executive Director

ATTEST: [Signature] DATE: 2/22/92

Approved by	Date	Initial
Dept.		
Finance Dept.	<u>2/12/92</u>	<u>[Initial]</u>
Legal Office	<u>2/12/92</u>	<u>[Initial]</u>
Risk Mgmt.	<u>2/17/92</u>	<u>[Initial]</u>

QUICK POINT PARK

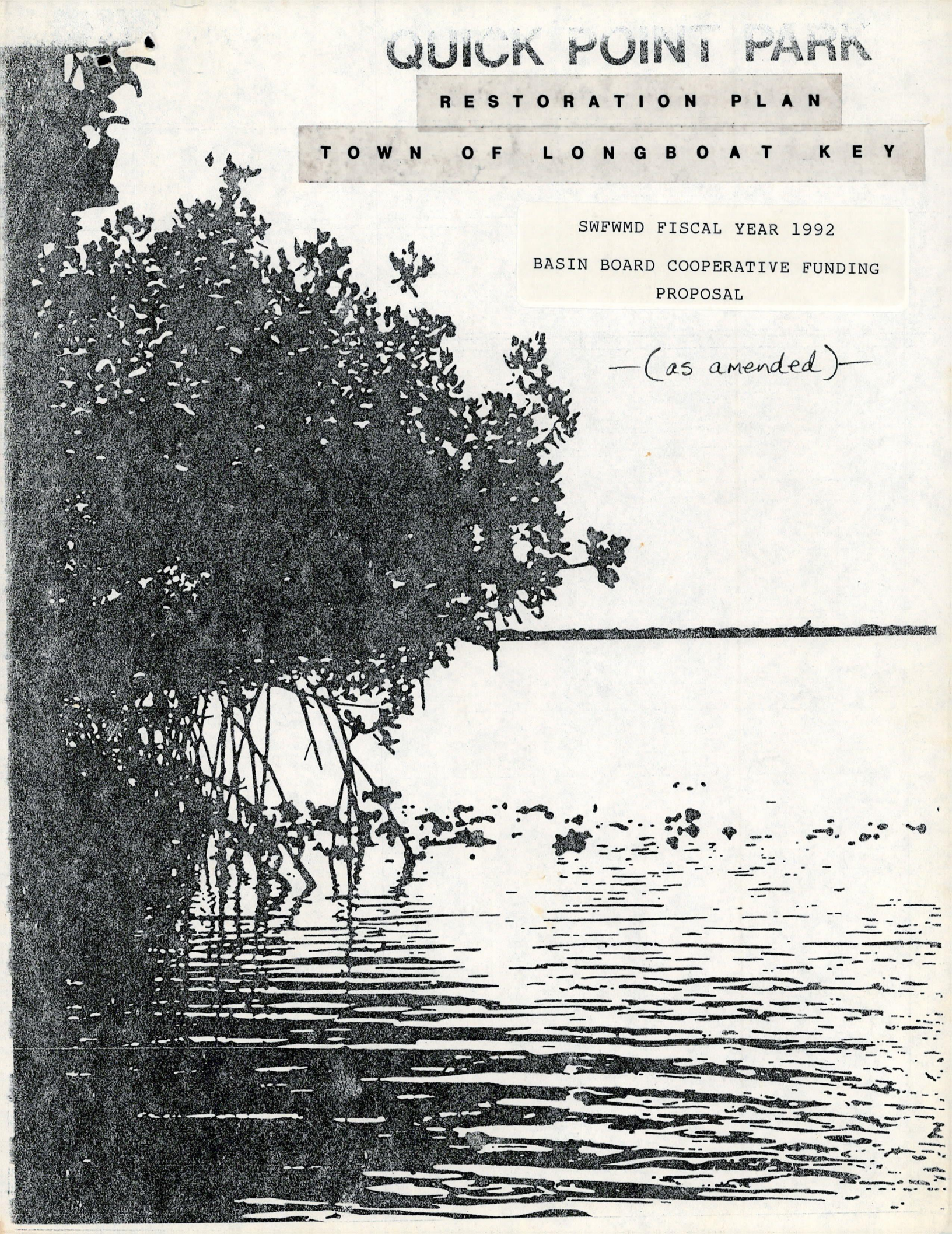
RESTORATION PLAN

TOWN OF LONGBOAT KEY

SWFWMD FISCAL YEAR 1992

BASIN BOARD COOPERATIVE FUNDING
PROPOSAL

—(as amended)—



SWFWMD FISCAL YEAR 1992
BASIN BOARD COOPERATIVE FUNDING PROPOSAL
FOR THE
QUICK POINT PARK RESTORATION PLAN
TOWN OF LONGBOAT KEY, FLORIDA

TABLE OF CONTENTS

1.	Problem Statement and Objective	2
	A. Problem Setting	2
	B. Background	2
	C. Objectives Related to the Problem	3
2.	Project Methodology and Time Schedule	5
	A. Preface	5
	B. Philosophical Program	6
	C. Physical Program	6
	D. Final Concept Plan	7
	E. Phasing Schedule	8
3.	Project Justification	10
	A. SWFWMD Mission	10
	B. SWFWMD Goals	10
	C. Manasota Basin Mission	10
	D. Manasota Basin Goals	11
	E. Longboat Key Goals & Objectives	11
4.	Project Description/Implementation Plan	11
5.	Project Costs and Revenues	13
	A. Project Costs	13
	B. Project Revenues	14
6.	Key Personnel	14
7.	Implementation of Project Recommendations	15

QUICK POINT PARK RESTORATION PLAN
TOWN OF LONGBOAT KEY, FLORIDA

1. Problem Statement and Objective

A. Problem Setting

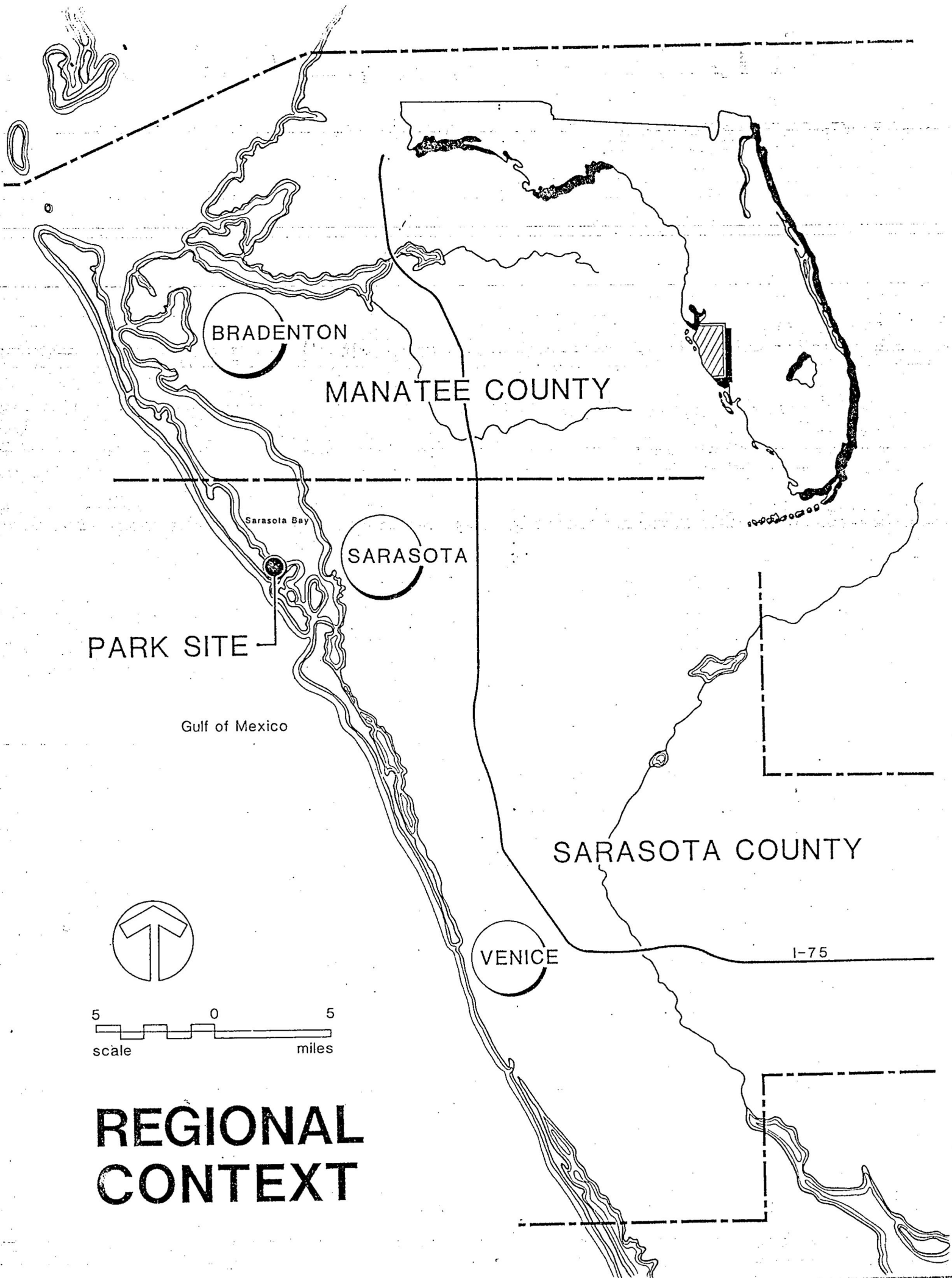
Quick Point Park is situated on the southwest coast of Florida on Longboat Key between Sarasota Bay and the Gulf of Mexico. The Quick Point site is positioned on an edge of Sarasota Bay which was designated as an Outstanding Florida Water by the State Legislature in 1986. (see maps)

Sarasota Bay is a small urbanized embayment in central Southwest Florida. The overall productivity of the bay has been impacted by dredge and fill activities, shoreline hardening, loss of mangroves and seagrasses. Water quality in much of the bay remains "good", but has deteriorated from "excellent to good" over the past 20 years. Water quality has been most impacted in the tidal creeks and coves where water quality is characterized as "fair to poor". These tidal creeks and coves, once extremely productive habitats, have been most impacted by the shoreline hardening, increased stormwater inputs containing high sediment and nutrient loads, and treated effluent.

The Governor's nomination document and the "State of the Bay" report indicates that actual shoreline area has increased by 64 percent, from dredge and fill activities, less than 22 percent of the shoreline remains in its natural state (Evans and Evans 1988). Moreover, most of the remaining natural and open space areas of the bay are in private ownership or have been destroyed due to encroachment of exotic species. This private ownership makes baywide habitat restoration activities more difficult as citizen "rights" are a major factor, i.e. visual contact with the bay is desirable and important with respect to home value. Encroachment of exotic species (Brazilian Pepper and Australian Pine) have also had a negative impact on bay productivity. In this light, one possible solution appears to be the development of highly productive habitat modules which could then be "franchised" throughout the bay, creating nodes of highly productive habitat.

B. Background

Conventional habitat restoration techniques (i.e. replanting large areas of marshes, mangroves or seagrasses) have limited applicability for estuaries that are already largely surrounded by urban or residential development like Sarasota Bay. Although there may still be opportunities for a few large-scale restoration projects in such settings, in most cases the opportunities are



BRADENTON

MANATEE COUNTY

Sarasota Bay

SARASOTA

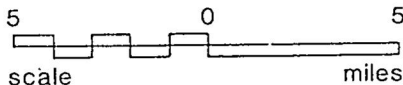
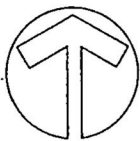
PARK SITE

Gulf of Mexico

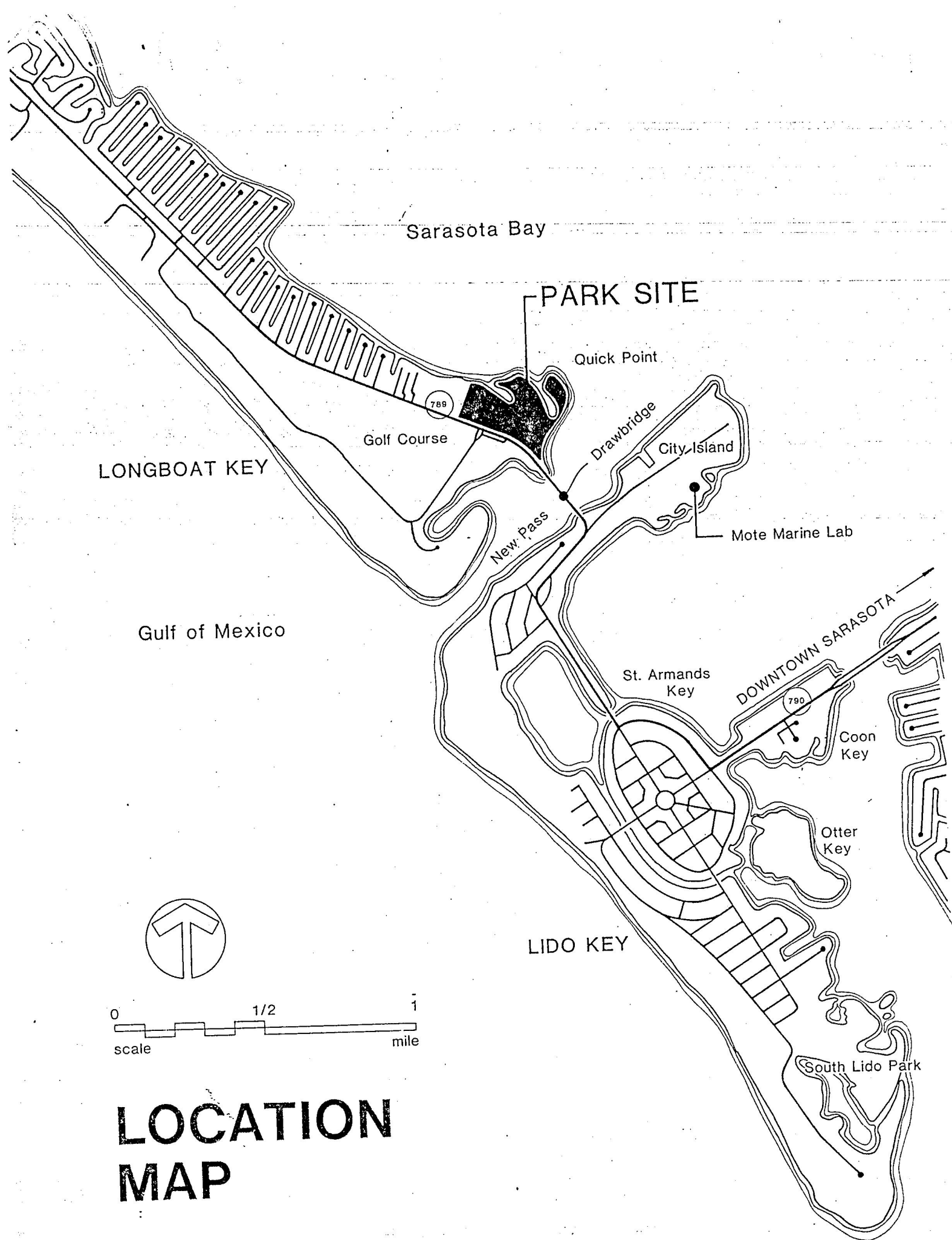
SARASOTA COUNTY

VENICE

I-75



REGIONAL CONTEXT



Sarasota Bay

PARK SITE

Quick Point

Golf Course

Drawbridge

City Island

LONGBOAT KEY

New Pass

Mote Marine Lab

Gulf of Mexico

St. Armands Key

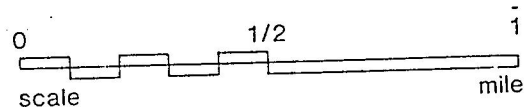
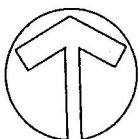
DOWNTOWN SARASOTA

Coon Key

Otter Key

LIDO KEY

South Lido Park



LOCATION MAP

limited by availability of publicly owned land and sizes of potential sites. Although smaller sites can be restored using scaled-down conventional approaches, the ecological effectiveness of isolated habitats dominated by one or a few plant species is questionable. Most of the important fisheries species require a continuum of different habitats over space, time and life stage. For example, an intertidal marsh can be an important feeding habitat for juvenile stages of recreationally or commercially important fishes, but only if suitable subtidal habitat is available adjacent or in close proximity to the marsh. In restored systems, integration of habitat components can be used to create highly productive subhabitat units.

Not only will this project provide for integrated habitat of ecological importance, but it will also provide additional public access to the bay. The access will allow for birding, nature study and general bay viewing. Fish communities will be enhanced because of locally increased productivity of forage species inhabiting the various subhabitats and attraction to structural features (e.g. artificial reefs, deep channels, fringing mangroves, jetties, and intertidal oyster/rock bars). Birds and other wildlife can be expected to utilize the area as feeding and/or permanent habitat.

Walkway(s) will be designed to allow people to view and experience habitats (e.g. salt marshes, mangroves, tidal creeks and lagoons) that are not easily or normally accessible. The project, therefore, would be an ideal setting in which to educate and inform (through signage, marked trails, pamphlets and brochures) the public of the value and importance of the various habitats, and resulting water quality.

C. Objectives Related To The Problem

The Sarasota Bay National Estuary Program has determined that habitat loss is a major problem in Sarasota Bay as discussed in the "State of the Bay Report" and have established a goal to protect and restore lost habitat. Because available waterfront property is at a premium in the basin, the Town of Longboat Key, in cooperation with the Sarasota Bay National Estuary Program, and the Florida Department of Environmental Regulation, has endorsed the concept of developing and restoring extremely productive habitats in small areas throughout the bay to improve water quality.

This document summarizes an approach toward creating a highly productive estuarine habitat that is integrated with respect to ecological components (subhabitats).

The project will include a variety of intertidal and subtidal habitats depending on physical & biological conditions in the area. The project also would be ecologically valuable by providing productive wetland habitats and can be expected to enhance bay productivity, public access (trails, boardwalks, etc.) and uses such as fishing, birding, nature study, bay viewing and surrounding water quality. The project would provide opportunities for increased

education/awareness (signage, marked nature trails, pamphlets, etc.) about the role and importance of natural wetland habitats to natural functioning of the bay and about the role of the Sarasota Bay NEP.

The overall objectives of the Quick Point project are to:

1. Restore one of many dredge spoil areas in Sarasota Bay.
2. Increase the area of functional mangrove, wetland and shallow water habitats.
3. Improve bay circulation and water quality.
4. Increase levels of managed access to Sarasota Bay and its resources.
5. Increase available spawning and juvenile fish habitat.
6. Increase bay educational/interpretive facilities available to both local residents and visiting tourists.
7. Provide an opportunity for interagency cooperation.

The objectives of this project fit well within the Sarasota Bay Management Conference goals. The relationships between project objectives and conference goals are characterized below:

Goal 1: Improve water transparency in the Sarasota Bay study area to the maximum allowable by the Gulf of Mexico and local weather conditions.

Two results from this proposed project will indirectly assist in achieving the overall goal of improving water transparency: 1. Increasing the extent of peninsular shallow water habitat and intertidal area around this and expanding the natural shoreline habitat should encourage the deposition of fine sediments and improve the complexity of the food chain (resulting in reduced phytoplankton levels) and 2. Restoring historical flows and circulation will improve water quality conditions and transparency.

Goal 2: Reduce the quantity and improve the quality of stormwater runoff into Sarasota Bay.

This project will improve the quality of stormwater runoff by increased natural filtration through restored wetlands.

Goal 3: Prevent further losses of seagrasses and shoreline habitats and restore lost habitats.

This project will directly restore lost habitats and improve seagrass colonization potential. Dredging operations have had the most impact on losses of natural shoreline and submerged habitat bay-wide (Roat and Alderson, 1990).

- Goal 4: Coordinate beach/inlet/channel creation and maintenance activities to reduce dredging, eliminate conflicts and enhance the bay.

This project will be coordinated with the overall beach and bay-park restoration activities planned for the area. The project will provide valuable information for the future development of the regional beach/inlet management plan scheduled to begin in 1991.

- Goal 5: Provide increased levels of managed access to Sarasota Bay and its resources.

This project will provide for increased managed access for visitors. The project will be integrated with the comprehensive plan for development and management of recreational facilities on the southern tip of Longboat Key.

- Goal 6: To restore and sustain fish and other living resources in Sarasota Bay.

The creation of inter-tidal lagoons, grassflat habitat and restoration of tidal flushing in this area will achieve a direct improvement in the fishery resources of Sarasota Bay.

2. Project Methodology and Time Schedule

A. Preface

On November 4, 1985 the 34 acre tract on the southeastern tip of Longboat Key commonly known as the Quick Point Property was acquired by the Town. The use of this land was primarily envisioned primarily as a nature preserve with a potential for environmental education for Bay area residents.

An initial environmental assessment and habitat mapping was conducted by Coastal Dunes, Inc. in November 1989. The results of this assessment showed the property to be mainly mangroves intermingled with previously disturbed uplands which resulted when the Intracoastal Waterway was dredged in the 1960's. On June 5, 1990 the Town of Longboat Key selected Design Studios West, Inc. and Coastal Dunes, Inc. to prepare a Master Plan for Quick Point with direction to place primary emphasis on preservation and restoration of the site, while minimizing any impacts to the environmentally sensitive areas.

The final phase in the parks development should be the construction phase where the park elements are built under the supervision of qualified professionals.

It is anticipated that the remaining components of the project, including the preparation of the design development drawings and construction documents will be initiated in the spring of 1991, with expected completion including construction anticipated within 18 to 24 months.

3. Project Justification

A. SWFWMD Mission

The Quick Point Park Restoration Plan has excellent potential for basinwide application which furthers the mission of the SWFWMD by protecting and maintaining the natural systems which provide the District with its existing and future water supply. Restoration of this area of Longboat Key is necessary to restore productivity to coastal lagoons like Sarasota Bay. The project is innovative in that it takes an area which is a current liability and turns it into an asset with high environmental value, high visibility, educational benefit and recreational use.

B. SWFWMD Goals

The Quick Point Park Restoration Plan would further the GOALS of the SWFWMD, including those related to water quality and surface water management.

WATER QUALITY - the proposed project is clearly consistent with the goal of the Governing Board to direct programs and activities which will prevent the further degradation of the quality of the water resource.

SURFACE WATER MANAGEMENT - with special emphasis on the use of nonstructural management techniques, the proposed project is consistent with the goal of the Governing Board to direct the implementation, coordination, and maintenance of programs to manage surface water in the District.

C. Manasota Basin Mission

The Quick Point Park Restoration Plan is central to the mission of the Manasota Basin Board in the development and implementation of non-regulatory, environmentally sound water resource programs of particular benefit to the residents of the Basin. Providing technical, scientific and financial support for this project would result in the protection, improvement and maintenance of water and related land resources of the Basin, particularly Sarasota Bay.

D. Manasota Basin Goals

The Quick Point Park Restoration Plan would further the GOALS of the Manasota Basin Board, including those related to surface water management and water management support.

SURFACE WATER MANAGEMENT - The Quick Point Park Restoration Plan proposal is clearly consistent with the Surface Water Management Goal of the Basin Board to initiate projects and programs which promote coordination with local governments to protect the quality of surface waters.

WATER MANAGEMENT SUPPORT - The Quick Point Park Restoration Plan proposal is clearly consistent with the Water Management Support Goal of the Basin Board to initiate projects and programs which include coordination with local governments to promote the conservation, development and proper utilization of surface water related land resources.

In addition, the Quick Point Park Restoration Plan proposal is consistent with the Basin Board's Surface Water Management Initiatives related to the Restoration of Impacted Wetlands and Water Quality Management Plans from which Basin priorities for funding are selected.

E. Longboat Key Goals and Objectives

Development and adoption of the Quick Point Park Master Plan was completed subsequent to the adoption of the Town of Longboat Key Comprehensive Plan. It is the intent of the Town during FY 91 to initiate a Comprehensive Plan amendment which would incorporate reference to the Quick Point Plan in the Future Land Use, Recreation and Open Space, Coastal Management and Capital Improvement Elements of the Comprehensive Plan.

4. Project Description

Although the Master Plan for Quick Point calls for a total restoration of the area with restrooms, interpretive centers and the like, this proposal only provides for the restoration and related nature trail components. This proposal provides for the restoration of 16 acres of inter-tidal habitat as Quick Point with a conceptual plan to be later approved by the Sarasota Bay National Estuary Program based on knowledge gained for the effort on Leffis Key and City Island. Signage and nature trails will be designed to preserve and enhance natural habitat.

Implementation Plan

The Town of Longboat Key will be responsible for implementing the project in concert with:

National Marine Fisheries Service
Sarasota County Parks & Recreation
Sarasota County D.N.R.
Mote Marine Laboratory
Florida Sea Grant
Sarasota Bay National Estuary Program Staff
Florida Department of Environmental Regulation (DER)
Florida Department of Natural Resources

If approved, a cooperative agreement will be developed between SWFWMD and Longboat Key for design, construction and final report preparation; and a contract negotiated between DER and Longboat Key for construction. Longboat Key resources will pay for construction.

Quick Point

The conceptual plan calls for removal of dredge material to increase intertidal mangrove habitat, and create shallow tidal lagoons to benefit fisheries and increase tidal exchange throughout much of the Quick Point. Removal and control of Australian pine and Brazilian pepper and other exotics is also planned. Native vegetation would be protected and planted. The central portion of Quick Point would be suitable for recreational/educational facilities with nature walks and boardwalks incorporated into the plan.

When:

The project will be implemented as follows:

- Project begins: October 1, 1991
- Request for Qualification for Design Released: November 1, 1991
- Contractor selected to complete design: January 1, 1992
- Design completed: May 1, 1992
- Town of Longboat Key applies for permits: May 15, 1992
- TAC approval of design: June 1, 1992
- Construction RFP released: June 15, 1992
- Construction begins: September 15, 1992

How:

The project will be managed by the Town of Longboat Key who will contract for consulting services for final design to specifications. The Florida Department of Environmental Regulation (DER) will contract with the Town to supplement resources provided. DER staff will oversee the construction. Heavy earth moving equipment will be used including bulldozers, graders and spreaders. Exotic vegetation removed will be transported to the county land fill. Elevations on-site will be calibrated to one-tenth of an inch.

Description of Schedule for Monitoring

The Technical Advisory Committee is briefed monthly on all Sarasota Bay Action Plan Demonstration projects. Daily oversight will be provided by the Town of Longboat Key with assistance from Florida Sea Grant, Florida Department of Environmental Regulation and the Sarasota Bay National Estuary Program staff.

5. Projected Costs and Revenues

A. Project Costs

The total cost of this project is estimated to be \$400,000. The cost estimate includes development of ecological restoration and nature trails as summarized below:

Design -	\$ 50,000
survey	
bid specifications preparation	
construction supervision	
selective topo	
jurisdictional line	
Clearing & grubbing	\$100,000
Excavation	\$ 90,000
Trail & boardwalk	\$ 85,000
Interpretive signage	\$ 25,000
Revegetation	\$ 30,000
Monitoring	\$ 10,000
Exotic removal	\$ 10,000
	<hr/>
TOTAL	\$400,000

As amended

Community (long-term) ^{Project} public works
Recreational -
Environment control

a) Policy Issue Statement
Recreational Site (passive)
for Residents, school children
and anyone to use

Property South End Longboat Key - (5-17-89)
34 Acre Land Acquisition (Ordinance) (maintenance property meeting)

Held Regular Workshop meeting of Commission public input
(PASSIVE Recreation) meet STATE guide lines for park
(Nov 4 1985 34 Acres) acquired LAND SWAP - (ARVDA meet req for ^{passive} property impact
South eastern Tip named Quick point City orb.)

(Time first talked about
-88 - 1-96 project completed)

b) Policy Analysis

city of 10,000 -
14,000 people

(Description) - (CITY PARK)
meet STATE requirements for PASSIVE
Recreation for Community, To enjoy a PARK located away
from population. at This Time The city has no city or county ^{STATE/} PARK

A) (pro's) - (STATE requirement) - (location) (maintenance cost)
(Community PARK) - (LAND TRADE) (NO moncy's involved in purchase)
(environmental concern)

(con's) - mosquito control ditching, exotics vegetation
movible oyster beds, (mangrove swamp) ^{once was a}

B) Financial - Funding Sources grants money \$100,000 a piece
Town of L BK, SFWMD Manasota basin board
FIA Dept. of Enviro Regulation
(Cooperative restoration efforts by STATE and local officials)

Recreation Board Members Albie Frank and Sally Rauch) and report their recommendations to the Commission at a future meeting.

A recess was called at 3:25 P.M. and the workshop reconvened at 3:35 P.M.

Town Property at South End.

Architect Bruce Balk stated he had walked the area at the south end of the Key with Steve Schield, Jay Brady, and a Sarasota County staff member. He said from his observation the area was more beautiful to work with than the 100 acres at South Lido he had helped design. He said Sarasota County Administrator White indicated County staff could be made available to assist with the Town's plans for the area, but a letter of request from the Mayor was required.

Commissioner Stewart stated he favored the Commission giving direction to proceed with the project since funds were available. Commissioner Fernald asked if Mr. Balk had been given a list of all open space property, because there was a question of the amount of funds which could be used for land acquisition and the amount for maintenance. Mayor Wurzburg referred to the 5-17 memo from Finance Director Sullivan to Town Manager Cox concerning the Land Acquisition Funds and use of the principal for land purchases and the earned interest for maintenance. Mr. Christiansen stated he was not in complete agreement with the memo and would have to review further specific language in the ordinance. Mayor Wurzburg stated he was concerned with improving the area. Commissioner Fernald stated the Commission could address the maintenance after the project. Commissioner Stewart said he wished it stated no additional staff would be necessary for maintenance, and the work would be contracted out.

Mr. Balk said he had not been notified of any Park Committee meetings yet, but he would draft a proposal for review.

6. Property Assessment/Management/Commission Position.

Commissioner Brown questioned the acreage of the property behind St. Mary's Catholic Church. Mr. Cox replied it was approximately 5 acres. Mayor Wurzburg stated he felt there would be limited use for land behind the Church.

Commissioner Stewart suggested staff bring the Open Space Map up to date and make recommendations for additions to the Commission. Mr. Cox stated that would be possible if the Commission drafted criteria for properties considered for addition. Commissioner Stewart said he understood criteria was stated in the Comprehensive Plan and Town Code.

Mr. Cox said the Commission had requested a list be prepared of all undeveloped properties on the Key. Special Services Representative Lovett reviewed each property on the list: There was consensus to delete Parcels 34 and 35 and the property owned by 360 North Shore Association; no interest was expressed in Parcel 31. Mr. Christiansen suggested staff go back and rate each property, based on criteria, for presentation to the Commission for consideration.

MEMORANDUM

DATE: 10-18-95

TO: Town Commission
FROM: Griff Roberts, Town Manager
SUBJECT: Additional DEP Funds for Quick Point

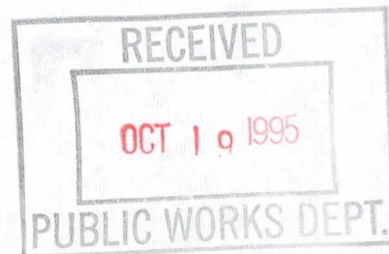
For your information, we are pursuing additional funds from DEP in the amount of \$65,000 to augment the \$30,000 approved in this year's budget.

In addition to helping fund the completion of this project, some enhancements to the boardwalk may be included.



GHR/ala

cc: Len Smally, Director of Public Works



11/14

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WP.NAMES
26 JAN 1996
PAGE: 1
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TOWN OF LONGBOAT KEY
NAMES FILE LISTING
TM ACCOUNT
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NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
ALDERSON	Mr. Mark Alderson Director Sarasota Bay National Estuary Prog 1550 Ken Thompson Parkway Sarasota, FL 34236	QUICKPT
✓ ANDERSON.R YES	The Honorable Robert L. Anderson Sarasota County Commission Post Office Box 8 Sarasota, FL 34230	QUICKPT
ARNOLD	The Honorable Leroy Arnold City of Bradenton Beach Mayor 107 Gulf Drive North Bradenton Beach, FL 34217	QUICKPT
BACON	Ms. Eula Bacon Manasota Basin Board Secretary 1547 30th Street Sarasota, FL 34234	QUICKPT
BARFIELD	The Honorable Jim Barfield City of Bradenton Council 500 15th Street West Bradenton, FL 34206 phn: (941)748-0800	QUICKPT
BERNTHAL	The Honorable Stephen Bernthal City of Bradenton Council 500 15th Street West Bradenton, FL 34206 phn: (941)748-0800	QUICKPT
BITNER	The Honorable Dave Bitner Representative, District 71 2811 Tamiami Trail, suite S Port Charlotte, FL 33952 phn: (941)764-1100	QUICKPT
BOHNENBERGER.2	The Honorable Rich Bohnenberger City of Holmes Beach Mayor 5901 Marina Drive Holmes Beach, FL 34217	QUICKPT
BRADLEY	The Honorable Rudolph Bradley Florida House of Representatives 55th House District 424 Central Avenue, Suite 904 St. Petersburg, FL 33701 phn: (813)821-6686	QUICKPT

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 WP.NAMES
 26 JAN 1996
 PAGE: 2
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TOWN OF LONGBOAT KEY
 NAMES FILE LISTING
 TM ACCOUNT

NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
BROWN.G	The Honorable Gwendolyn Y. Brown Manatee County Commission 502 20th Street West Palmetto, FL 34221 phn: (941)745-3700	QUICKPT
BROWN.S3 <i>YES</i>	The Honorable Shirley Brown Florida State Rep. Dist. 69 508 South Pineapple Avenue Sarasota, FL 34236	QUICKPT
BURDETT	Mr. Allen Burdett FDEP Southwest District 3804 Coconut Palm Drive Tampa, FL 33619	QUICKPT
BURTON	Mr. Ken Burton Jr. Manatee County Tax Collector Post Office Box 1000 Bradenton FL 34206-1000	QUICKPT
CARLTON	The Honorable Lisa Carlton Respresentative, District 70 2127 S. Tamiami Trail Osprey, FL 34229 phn: (813) 966-2606	<i>NO</i> QUICKPT <i>(Will be in Tallahassee)</i>
COLE	The Honorable Gail Cole City of Bradenton Beach Council 107 Gulf Drive North Bradenton Beach, FL 34217 phn: (941)778-1005	QUICKPT
COURTNEY.F	Mr. Frank Courtney FL Marine Research Inc. 100 8th Avenue S.E. St. Petersburg, FL 33701	QUICKPT
COURTNEY.L	The Honorable Luke Courtney Holmes Beach City Council 5901 Marina Drive Holmes Beach, FL 34217 phn: (941)778-2221	QUICKPT
DENISAR	Dr. Gene Denisar Superintendent of Schools Manatee County Schools P.O. Box 9069 Bradenton, FL 34206-9069	QUICKPT

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 WP.NAMES
 26 JAN 1996
 PAGE: 3
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TOWN OF LONGBOAT KEY
 NAMES FILE LISTING
 TM ACCOUNT

3

NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
DRESCHER	The Honorable Connie Drescher City of Bradenton Beach Council 107 Gulf Drive North Bradenton Beach, FL 34217 phn: (941)778-1005	QUICKPT
EGER	Ms. Rebecca M. Eger Manasota Basin Board 324 W. Royal Flamingo Drive Sarasota, FL 34236	QUICKPT
ERHART.S	Ms. Susan Erhart Assistant to the County Admin. Sarasota County Post Office Box 8 Sarasota, FL 33578 phn: 951-5111 fax: 951-5987	QUICKPT
EVERS.2	The Honorable William A. Evers Mayor, City of Bradenton Post Office Box 1000 Bradenton, FL 34206-1000	QUICKPT
FLANAGAN	The Honorable Mark Flanagan Florida State Rep., District 68 4801 32nd Street West Bradenton, FL 34205	QUICKPT
✓ FORD-COATES	YES Ms. Barbara Ford-Coates Tax collector County Administration Center 101 S. Washington Boulevard Sarasota, FL 34236 phn: (941)951-5600	QUICKPT
GALLO	The Honorable Gene Gallo City of Bradenton Council 500 15th Street West Bradenton, FL 34206	QUICKPT
GARRITY	Dr. Richard Garrity FDEP Southwest 3804 Coconut Drive Tampa, FL 33619	QUICKPT
GAUSE	The Honorable John R. Gause Manatee County Commissioner District 1 Post Office Box 1715	QUICKPT

WP.NAMES
26 JAN 1996
PAGE: 4

TOWN OF LONGBOAT KEY
NAMES FILE LISTING
TM ACCOUNT

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NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
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Bradenton, FL 34206
phn: (941)745-3700

✓ GAY

The Honorable Greg Gay
Representative, District 74
1718 Cape Coral Parkway East
Cape Coral, FL 33904
phn: (813) 338-2396

No
(will be in Tallahassee)

QUICKPT

GEYER

The Honorable Patricia Geyer
Holmes Beach City Council
5901 Marina Drive
Holmes Beach, FL 34217
phn: (941)7782221

QUICKPT

GLASS

The Honorable Patricia M. Glass
Manatee County Commission
2560 Tarpon Road
Palmetto, FL 34221
phn: (941)723-2523

QUICKPT

GOODCHILD

Mr. Dan Goodchild
2318 Avenue B
Bradenton Beach, FL 34217

QUICKPT

GRACE

Mr. Walter Grace
1107 Bay Drive North
Bradenton Beach, FL 34217

QUICKPT

✓ GRAHAM

The Honorable Bob Graham
U.S. Senator
101 E. Kennedy Blvd., Suite 3145
Tampa, FL 33602
phn: (813)223-2476

No
(out of country)

QUICKPT

HACKNEY

Mr. Charles Hackney
Manatee County Property Appraiser
Post Office Box 1338
Bradenton, FL 34206-1000

QUICKPT

✓ HAMNER

Mr. John T. Hamner
Manasota Basin Board
2111 42nd Street West
Bradenton, FL 34206

No

QUICKPT

HARGRETT

The Honorable James T. Hargrett
Florida Senate, 21st District
2107 North Osborne
Post Office Box 11025
Tampa, FL 33680
phn: (813)272-2990

QUICKPT

WP.NAMES
26 JAN 1996
PAGE: 5

TOWN OF LONGBOAT KEY
NAMES FILE LISTING
TM ACCOUNT

3

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NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
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✓ HARRIS	YES The Honorable Katherine Harris Senate District 24 3131 Tamiami Trail S., Suite 101 Sarasota, FL 34239 phn: (941)365-8683	QUICKPT
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HARRIS.L	The Honorable Lari Ann Harris Manatee County Commission 6315 5th Street Circle East Bradenton, FL 34203 phn: (941) 755-9400	QUICKPT
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HART	Mr. Daniel Hart Tampa Contracting Services 11990 67th Way North Largo, FL 34643	QUICKPT
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HOOPER	The Honorable Maxine M. Hooper Manatee County Commission 1315 Hooper Road N.E. Bradenton, FL 34202 phn: (941)746-1719	QUICKPT
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HUNT.G	Mr. George N. Hunt Town Manager 401 West Venice Ave. Venice, FL 34285-2098	QUICKPT
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INGOLD	Ms. Stormy Ingold FDEP Southwest District 3804 Coconut Palm Drive Tampa, FL 33619	NO QUICKPT
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JONES.J	Ms. Judith Jones Manasota Basin Board 149 Coconut Avenue Sarasota, FL 34236	QUICKPT
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KAUFMANN	The Honorable John Kaufmann City of Bradenton Beach Council 107 Gulf Drive North Bradenton Beach, FL 34217 phn: (941)778-1005	QUICKPT
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✓ KEENAN	YES Mr. Peter Keenan Design Studio West 1527 Second Street Sarasota, FL 34236	QUICKPT
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KIRCE.R	Mr. Robert Kirce	QUICKPT
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 WP.NAMES
 26 JAN 1996
 PAGE: 6
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TOWN OF LONGBOAT KEY
 NAMES FILE LISTING
 TM ACCOUNT

3

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 NAME ID..... NAME, ADDRESS, AND PHONE..... GROUP.....
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Deputy County Administrator
 Sarasota County
 Post Office Box 8
 Sarasota, FL 33578
 phn: 951-5111
 fax: 951-5987

✓ KOESTER

Ms. Joanne E. Koester
 Supervisor of Elections
 Post Office Box 4194
 Sarasota, FL 34239
 phn: (941)951-5300

*No - QUICKPT
 (Has to be in Venice
 for something else.)*

✓ LASALA.R

Mr. Robert LaSala
 Deputy County Administrator
 Sarasota County
 Post Office Box 1058
 Sarasota, FL 34230
 Sarasota, FL 34230
 phn: 951-5344

No

QUICKPT

LOEFGREN.G

Mrs Gail Loefgren
 Longboat Key Chamber of Commerce
 Executive Director
 6854 Gulf of Mexico Drive
 Longboat Key FL 34228
 phn: 383-2466
 fax: 383-8217

QUICKPT

LONGINO

Vice-Chairman B.T. Longino
 Manasota Basin Board
 Route 2, Box 695
 Arcadia, FL 33821

QUICKPT

MACK

The Honorable Connie Mack
 U.S. Senator
 6000 North Westshore Boulevard
 Suite 602
 Tampa, FL 33609
 phn: (813)275-6252

QUICKPT

MACLEAN.J

Mr. John MacLean
 Deputy County Administrator
 Sarasota County
 Post Office Box 8
 Sarasota, FL 33578
 phn: 951-5111
 fax: 951-5987

QUICKPT

MALONEY

The Honorable Don Maloney
 Holmes Beach City Council

QUICKPT

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WP.NAMES                                TOWN OF LONGBOAT KEY                                3
26 JAN 1996                             NAMES FILE LISTING
PAGE: 7                                  TM ACCOUNT
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NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
	5901 Marina Drive Holmes Beach, FL 34217 phn: (941)778-2221	
MARTINI	The Honorable Billie Martini Holmes Beach City Council 5901 Marina Drive Holmes Beach, FL 34217 phn: (941)778-2221	QUICKPT
MATTHEWS.E	The Honorable Eugene Matthews Sarasota County Commission Post Office Box 8 Sarasota, FL 34230	QUICKPT
MCCHESENEY2	The Honorable Dorothy McChesney City of Anna Maria Mayor 10005 Gulf Drive Anna Maria, FL 34216	QUICKPT
MCCLASH	The Honorable Joe McClash Manatee County Commission 711 89th Street N.W. Bradenton, FL 34209 phn: (941)792-2806	QUICKPT
✓ MCKAY.G	The Honorable George McKay City of Anna Maria Commission 10005 Gulf Drive Anna Maria, FL 34216	QUICKPT <i>No</i>
MCKAY2	The Honorable John McKay Florida State Senator, Dist. 26 2424 Manatee Avenue West Suite 101 Bradenton, FL 34205	QUICKPT
MIKOS	Mr. John W. Mikos Property Appraiser 2001 Adams Lane Sarasota, FL 34237 phn: (941)951-5650	QUICKPT
/ MILLER	The Honorable Dan Miller 13th Congressional District 2424 Manatee Avenue West, #104 Bradenton, FL 34205 phn: (941) 747-9031	QUICKPT <i>No</i>
MILLS.3	Commissioner David R. Mills Commissioner	QUICKPT

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 WP.NAMES
 26 JAN 1996
 PAGE: 8
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TOWN OF LONGBOAT KEY
 NAMES FILE LISTING
 TM ACCOUNT

3

NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
	Post Office Box 8 Sarasota, Florida 34230 phn: 951-5200	
MOORE.R	Mr. Russell Moore Design Studio West 1527 Second Street Sarsota, FL 34236	QUICKPT
NORRIS.R	Mr. Robert Norris City Manager City of North Port 5650 North Port Boulevard North Port, FL 34287 phn: 813-426-8484 fax: 1-813-426-2936	QUICKPT
OBSERVER	The Longboat Observer 5570 Gulf of Mexico Drive Longboat Key, FL 34228	QUICKPT
OGLES.2	The Honorable Mark Ogles Florida State Rep. Dist. 67 3511 U.S. 301 Ellenton, FL 34222	QUICKPT
ONEILL	The Honorable Jack O'Neill Sarasota County Commission Post Office Box 8 Sarasota, FL 34230	QUICKPT
PADGETT.2	Mr. Ernie Padgett Manatee County Administrator Post Office Box 1000 Bradenton, FL 34206	QUICKPT
PIEROLA.K	Mrs. Katie Pierola 1325 Gulf Drive North Bradenton Beach, FL 34217	QUICKPT
POYNER	Ms. Rose Poyner FDEP Southwest District 3804 Coconut Palm Drive Tampa, FL 33619	QUICKPT
✓ RAHN	The Honorable Sandra Rahn City of Bradenton Council 500 15th Street West Bradenton, FL 34206 phn: (941)748-0800	No QUICKPT

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WP.NAMES                                TOWN OF LONGBOAT KEY                                3
26 JAN 1996                             NAMES FILE LISTING
PAGE: 9                                  TM ACCOUNT
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NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
RICHARDS.C	The Honorable Charley Richards Sarasota County Commission Post Office Box 8 Sarasota, FL 34230	QUICKPT
RUNNELLS.F	The Honorable Fred Runnells City of Bradenton Council 500 15th Street West Bradenton, FL 34206 phn: (941)748-0800	QUICKPT
SCHEMBER	Ms. Dorie M. Schember Manasota Basin Board 3680 Ironwood Circle, Apt. 504 Bradenton, FL 34209	QUICKPT
SCHNEIDER.P	Mr. Peter Schneider Deputy City Manager City of Sarasota Post Office Box 1058 1565 First Street Sarasota, FL 34230 phn: 365-2200 fax: 954-4121	QUICKPT
SHORE	Mr. Richard B. Shore Clerk of the Circuit Court Manatee County Government Post Office Box 1000 Bradenton, FL 34206-1000 fax: ;25	QUICKPT
SHUEY	Mr. Allen Shuey FDEP Southwest District 3804 Coconut Palm Drive Tampa,FL 33619	QUICKPT
SHUMARD	Vice-Mayor Charles Shumard City of Anna Maria 10005 Gulf Drive Anna Maria, FL 34216	QUICKPT
SIMMONS.L	Chair Larry Simmons Manatee County School Board P.O. Box 9069 Bradenton, FL 34206-9069	QUICKPT
SMITH.E	Ms. Emily Anne Smith Business Owner's Association Post Office Box 333 Bradenton Beach, FL 34217	QUICKPT

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WP.NAMES	TOWN OF LONGBOAT KEY	3
26 JAN 1996	NAMES FILE LISTING	
PAGE: 10	TM ACCOUNT	

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NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
SOLENERBERGER.D	Mr. David J. Sollenberger City Manager City of Sarasota Post Office Box 1058 1565 First Street Sarasota, FL 34230 phn: 365-2200 fax: 954-4121	QUICKPT
SPENCER.R	Mr. Robert N. Spencer IV Manasota Basin Board 530 5th Avenue Drive West Palmetto, FL 34220	QUICKPT
✓ STEPHENS.S	The Honorable Stan Stephens Chairman Manatee County Commission Post Office Box 1000 Bradenton, FL 34206-1000	QUICKPT
STETLER	Mr. Bob Stetler FDEP Southwest District 3804 Coconut Palm Drive Tampa, FL 33619	QUICKPT
SUHRE	The Honorable Richard Suhre City of Bradenton Beach Council 107 Gulf Drive North Bradenton Beach, FL 34217 phn: (941)778-1005	QUICKPT
SWEAT	Mr. Bob Sweat Supervisor of Elections Manatee County Government Post Office Box 1000 Bradenton, FL 34206-1000	QUICKPT
TEEL	Ms. Jeanne Teel Assistant to the County Administra Sarasota County Government Post Office Box 8 Sarasota, FL 34230	QUICKPT
VAC	Mr. Andrew Vac President Longboat Key Chamber of Commerce 6854 Gulf of Mexico Drive Longboat Key, FL 34228	QUICKPT

*No
(As a conflict
of schedule)*

WP.NAMES
26 JAN 1996
PAGE: 11

TOWN OF LONGBOAT KEY
NAMES FILE LISTING
TM ACCOUNT

3

NAME ID.....	NAME, ADDRESS, AND PHONE.....	GROUP.....
WHITE.2	Mr. John Wesley White Sarasota County Administrator Post Office Box 8 Sarasota, FL 33578 phn: 951-5111 fax: 951-5987	QUICKPT
WHITE.J	Mr. John Wesley White Sarasota County Administrator Post Office Box 8 Sarasota, FL 33578 phn: 951-5111 fax: 951-5987	QUICKPT
WHITMORE	The Honorable Carol Whitmore Holmes Beach City Council 5901 Marina Drive Holmes Beach, FL 34217 phn: (941)778-2221	QUICKPT
WILDER	Ms. Yvonne Wilder FDEP southwest District 3804 Coconut Palm Drive Tampa, FL 33619	QUICKPT
WOLFE	The Honorable Douglas C. Wolfe City of Anna Maria Commissioners 10005 Gulf Drive Anna Maria, FL 34216	QUICKPT
ZNIKA	The Honorable Max Znika City of Anna Maria Commission 10005 Gulf Drive Anna Maria, FL 34216	QUICKPT

- ✓ In + Mrs. Bliss
- ✓ Chief Takelman - yes
- ✓ Osman (2)
(Lives "next door")
- ✓ Bill note
- ✓ Tampa Contracting (3-4)
- ✓ Islands/Buptands (Bob Workman?)
- ✓ Virginia Sanders

QKPT

NEWSLETTER ARTICLE

QUICK POINT NATURE PRESERVE:

Construction of the Quick Point Nature Preserve should begin this month. The Preserve will consist of paths through the coastal hammock, boardwalks and viewing decks offering magnificent views. There will be excavations which will connect New Pass to the bay. This will offer tidal flow to new ponds within the Preserve which will be planted with native wetland vegetation. Parking will be available at Overlook Park, west of the New Pass bridge. A walkway, offering safe passage under the bridge, is to be constructed and connected to the paths within the Preserve.

Construction should be complete late this summer. The Florida Department of Environmental Protection, the Southwest Florida Water Management District, the Manasota Basin Board and the National Estuary Program have all helped the Town to fund the project.

LAS/cmg

Mr. Mark Alderson
Program Director
Sarasota Bay National Estuary Program
1550 City Island Road
Sarasota, FL
(813) 361-6133

Ms. Susan Walker
Sarasota Bay National Estuary Program
1550 City Island Road
Sarasota, FL
(813) 361-6133

Mr. Walt Rothenbach (or designee)
Director
Sarasota County Parks Department
Twin Lakes Park
Sarasota, FL
(813) 951-5890

Mr. John Stevely
Florida Sea Grant College
1303 17th Street West
Palmetto, FL 34221
(813) 722-4524

7. Implementation of Project

The Quick Point Park Master Plan, as adopted by the Town of Longboat Key represents the first important step towards implementation of the project. The acceptance of the Master Plan will be followed by the preparation of the design development drawings. These will include plans and drawings in which specific design elements are determined such as layouts of facilities (e.g. restrooms, teaching center) and other structures are finalized, and the location of boardwalks and proposed park amenities is set for environmental permitting and public funding applications.

The next step in the design process is the preparation of the construction documents. These documents will include a full set of specifications and drawings for construction, and specifications for the shoreline restoration and upland habitat restoration. The final phase in the parks development will be the construction phase where the park elements are built under the supervision of qualified professionals.

It is anticipated that the Town of Longboat Key will manage the project in cooperation with the Sarasota Bay National Estuary Program Project office and the Sarasota County Parks Department.

Land Management

The proper management of this public land is considered an essential part of the overall project. The Town of Longboat Key, in

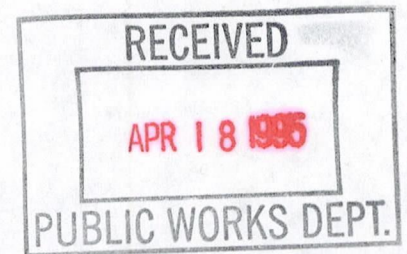
MEMORANDUM

DATE: 04-17-95

TO: Terry Sullivan, Finance Director
cc: Len Smally, Public Works Director
FROM: Deborah Heger, Purchasing Agent
SUBJECT: Performance Bond - Quick Point

Enclosed for your keeping is the original performance bond for Quick Point contract (Bid #95-004). The work is to be accepted upon final completion which is anticipated on 9/24/95. Once Len has approved final payment, you can release the performance bond to the vendor, Tampa Contracting Services, Inc. by forwarding it to my attention.

Thank you.



**STANDARD FORM OF AGREEMENT
BETWEEN OWNER AND CONTRACTOR
ON THE BASIS OF A STIPULATED PRICE**

This agreement is between Town of Longboat Key (hereinafter called Owner) and Tampa Contracting Services, Inc. (hereinafter called Contractor).

Article 1 WORK

Contractor shall complete all work as specified or indicated in the contract documents. The work is generally described as follows:

Items B-1, B-2, B-5, B-6, B-7, and B-9: Site clearing, earthwork, native planting, and boardwalk and pathway construction on an approximately 34 +/- acre parcel bordering New Pass Inlet on the south, Sarasota Bay to the east, private property to the north, and Gulf of Mexico Drive to the west. The area of proposed work is approximately 5 +/- acres bordering New Pass and Gulf of Mexico Drive.

Article 2 ENGINEER

The project has been designed by Design Studios West, who is hereinafter called Engineer and who is to act as Owner's representative, assume all duties and responsibilities and have the rights and authority assigned to Engineer in the contract documents in connection with completion of the work in accordance with the contract documents.

Article 3 CONTRACT TIMES

- 3.1 The work will be completed on or before August 25, 1995, and completed and ready for final payment on or before September 24, 1995.
- 3.2 The work will be substantially completed within 130 days from the date when the contract times commence to run and completed and ready for final payment within 160 days after the date when the contract times commence to run.
- 3.3 Liquidated Damages. Owner and Contractor recognize that time is of the essence of this agreement and that Owner will suffer financial loss if the work is not completed within the times specified in paragraph 3.1 above, plus any extensions thereof allowed in accordance with Article 12 of the general conditions. They also recognize the delays, expense and difficulties involved in proving the actual loss suffered by Owner if the work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner One Hundred Fifty Dollars (\$150.00) for each day that expires after substantial completion until the work is substantially complete. After substantial

completion, if Contractor shall neglect, refuse or fail to complete the remaining work within the time specified for completion and readiness for final payment or any proper extension thereof granted by Owner, Contractor shall pay Owner One Hundred Fifty Dollars (\$150.00) for each day that expires after the time specified for final payment.

Article 4 CONTRACT PRICE

Owner shall pay Contractor for completion of the work in accordance with the contract documents an amount in current funds equal to the sum of the amounts determined pursuant to paragraphs 4.1 below:

4.1 for all work other than unit price work, a lump sum of:

\$202,685.00 (Two Hundred Two Thousand Six Hundred Eighty-Five and 00/100 Dollars)

Article 5 PAYMENT PROCEDURES

Contractor shall submit applications for payment in accordance with Article 11 of the general conditions. Applications for payment will be processed by Engineer as provided in the general conditions.

5.1 **Progress Payments; Retainage.** Owner shall make progress payments on account of the contract price on the basis of Contractor's applications for payment as recommended by Engineer, on or about the 1st day of each month during construction as provided in paragraphs 5.1.1 and 5.1.2 below. All such payments will be measured by the schedule of values established in paragraph 2.9 of the general conditions (and in the case of unit price work based on the number of units completed) or, in the event there is no schedule of values, as provided in the Technical Specifications.

5.1.1 Prior to substantial completion, progress payments will be made in an amount equal to 90 percent (90%) of each approved progress payment pending satisfactory completion of each of all work described in the contract.

5.2 **Final Payment.** Upon final completion and acceptance of the work, Owner shall pay the remainder of the contract price as recommended by the Engineer.

Article 6 INTEREST

All moneys not paid when due shall bear interest at the maximum rate allowed by law at the place of the project, except moneys that are reasonably in dispute.

Article 7 CONTRACTOR'S REPRESENTATIONS

In order to induce Owner to enter into this agreement, Contractor makes the following representations:

- 7.1 Contractor has examined and carefully studied the contract documents (including the addenda in paragraph 8) and the other related data identified in the bid documents including "technical data".
- 7.2 Contractor has visited the site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, performance or furnishing of the work.
- 7.3 Contractor is familiar with and is satisfied as to all federal, state, and local laws and regulations that may affect cost, progress, performance, and furnishing of the work.
- 7.4 Contractor has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site. Contractor acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the contract documents with respect to underground facilities at or contiguous to the site. Contractor has obtained and carefully studied (or assumes responsibility for having done so) all such additional supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and underground facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto. Contractor does not consider that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the performance and furnishing of the work at the contract price, within the contract times and in accordance with the other terms and conditions of the contract documents.
- 7.5 Contractor is aware of the general nature of work to be performed by Owner and others at the site that relates to the work as indicated in the contract documents.
- 7.6 Contractor has correlated the information known to Contractor, information and observations obtained from visits to the site, reports, and drawings identified in the contract documents and all additional examinations, investigations, explorations, tests, studies, and data with the contract documents.

- 7.7 Contractor has given Engineer written notice of all conflicts, errors, ambiguities or discrepancies that Contractor has discovered in the contract documents and the written resolution thereof by Engineer is acceptable to Contractor, and the contract documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the work.

Article 8 CONTRACT DOCUMENTS

The contract documents which comprise the entire agreement between Owner and Contractor concerning the work consist of the following:

- 8.1 This agreement (Pages 1 through 6, inclusive);
- 8.2 Bid Documents (marked as Exhibit 1);
- 8.3 Contractor's Bid (marked as Exhibit 2);
- 8.4 Performance and Payment Bond (marked as Exhibit 2a);
- 8.5 Certificates of Insurance (marked as Exhibit 2b);
- 8.6 Notice to Proceed (marked as Exhibit 3);
- 8.7 The following which may be delivered or issued after the effective date of the contract and are not attached hereto: all written amendments and other documents amending, modifying, or supplementing the contract documents pursuant to paragraphs 1.5 and 1.6 of the General Conditions.

The documents listed in paragraphs 8.2 et seq above are attached to this contract (except as expressly noted otherwise above).

Article 9 MISCELLANEOUS

- 9.1 Terms used in this contract which are defined in the bid documents will have the meanings indicated in the bid documents.
- 9.2 No assignments by a party hereto of any rights under or interests in the contract documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically, but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to any assignment, no assignment will release or discharge the assignor from any duty or responsibility under the contract documents.
- 9.3 Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect of all covenants, agreements, and obligations contained in the contract documents.

- 9.4 Any provision or part of the contract documents held to be void or unenforceable under any law or regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and contractor, who agree that the contract documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- 9.5 Notices. Where notice is required to be provided under this contract, notice shall be deemed sent upon transmittal of the notice by facsimile and by U.S. Mail to the other party at the addresses listed below:

To Owner:

Griff Roberts, Town Manager
Town of Longboat Key
Town Hall
501 Bay Isles Road
Longboat Key FL 34228
Facsimile: 813-383-7231

To Contractor:

Tampa Contracting Services, Inc.
5430 First Avenue South, #6
St. Petersburg FL 33707
Facsimile: 813-323-4157

Article 10 OTHER PROVISIONS

IN WITNESS WHEREOF, OWNER AND CONTRACTOR have signed this agreement in five originals in counterpart. One counterpart each has been delivered to OWNER'S REPRESENTATIVE (PUBLIC WORKS DIRECTOR), CONTRACTOR, and ENGINEER (copies also to TOWN CLERK, TOWN MANAGER). All portions of the Contract Documents have been signed, initialed or identified by OWNER and CONTRACTOR or identified by ENGINEER on their behalf.

This agreement will be effective on April 17, 1995.

Attest:

CONTRACTOR

Tampa Contracting Services, Inc.

As to

Signature

By: _____
Name, Authorized Representative
and Agent and Attorney in Fact for

Print name and title:

Date: _____
Seal: _____

Title: _____
Date: _____

Attest:

OWNER

Town of Longboat Key, Florida

As to

Signature

By: _____
Len Smally, Public Works Director

Print name and title:

Date: _____
Seal: _____

Title: _____
Date: _____

PERFORMANCE AND PAYMENT BOND

BY THIS BOND, we TAMPA CONTRACTING SERVICES, INC., as Principal and UNIVERSAL SURETY OF AMERICA, a corporation as Surety, are bound to Town of Longboat Key, herein called Owner, in the sum of \$ 245,248.30 (Performance and Payment Bond in the amount of 110% of total contract price) for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the contract dated April 17, 1995, between Principal and Owner for Quick Point Nature Preserve Habitat Restoration & Boardwalk Project, contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05(1) Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and
3. Pays Owner all losses, damages, expenses, costs, and attorney's fees, including appellate proceedings, that Owner sustains because of a default by Principal under the contract; and
4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond.

Changes in the contract sum shall be immediately reflected in the amount of the bond and Principal shall provide copy of verification from Surety to the Owner regarding such changes.

Any claims under this bond may be addressed to the name and address of Surety below.

IN WITNESS WHEREOF, the PRINCIPAL and SURETY signed and sealed this instrument this 10th day of April, 1995.

SURETY: UNIVERSAL SURETY OF AMERICA
LICENSE: JOHN R. NEU LICENSED RESIDENT AGENT
Surety's Attorney in Fact: JOHN R. NEU
ADDRESS: P. O. Box 1068
HOUSTON, TX 77251-1068

TELEPHONE: (713)722-4600

By: [Signature] as Attorney in Fact

PRINCIPAL: TAMPA CONTRACTING SERVICES, INC.
Principal's Attorney in Fact:
ADDRESS: 5430 1ST AVENUE SOUTH, SUITE 6
ST. PETERSBURG, FL 33707

By: [Signature] as Attorney in Fact.

APPROVED as to form and execution:
BY: [Signature]
David Persson, Town Attorney

UNIVERSAL SURETY OF AMERICA

P.O. BOX 1068 • Houston, Texas 77251-1068

GENERAL POWER OF ATTORNEY - CERTIFIED COPY

Agency Information
4001053
Davis Baldwin Ins & Risk Management

GPA#
FL 1121096 00

Know All Men by These Presents, That UNIVERSAL SURETY OF AMERICA, a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Texas, does by these presents make, constitute and appoint

Charles M. Davis, Jr.

John R. Neu
Stephen A. Murray

L. Lowry Baldwin

of Tampa and State of Florida its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver

Bonds not to exceed \$500,000.00 unless such is accompanied by letter of authority signed by the President, Secretary or Executive Vice President of Universal Surety of America.

and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do within the stated limitations, and such authority is to continue in force until 9/30/96. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of Universal Surety of America at a meeting held on the 11th day of July, 1984.

"Be It Resolved, that the President, and any Vice President, Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company."

"RESOLVED that the signature of any officer of the corporation, and the seal of the corporation may be affixed or printed by facsimile to any power of attorney of the corporation, and that such printed facsimile signature and seal shall be valid and binding upon the corporation."

In Witness Whereof, Universal Surety of America has caused these presents to be signed by its President, John Knox, Jr. and its corporate seal to be hereto affixed this 7th day of January, A.D., 1993.

UNIVERSAL SURETY OF AMERICA

State of Texas

ss:

County of Harris



John Knox, Jr.
John Knox, Jr. President

On this 7th day of January, in the year 1993, before me, Angela P. Daigle, a notary public, personally appeared John Knox, Jr., personally known to me to be the person who executed the within instrument as President, on behalf of the corporation herein named and acknowledged to me that the corporation executed it.



Angela P. Daigle
Notary Public

I, the undersigned Secretary of Universal Surety of America, hereby certify that the above and foregoing is a full, true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in effect.

GIVEN under my hand and the seal of said company, at Houston, Texas, this 17 day of April, 1995.

Angela P. Daigle
Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.

For verification of the authority of this power you may telephone (713) 722-4600.

1076-1100/025



TOWN OF LONGBOAT KEY

Incorporated November 14, 1955

501 Bay Isles Road
Longboat Key, Florida 34228
(813) 383-3721
FAX 383-7231

January 26, 1996

TO: LONGBOAT OBSERVER

PRESS RELEASE

THE DEDICATION OF THE QUICK POINT NATURE PRESERVE WILL TAKE PLACE ON FRIDAY, FEBRUARY 9, 1996, AT 10:00 A.M. THE PUBLIC IS INVITED.

PARKING IS PROVIDED AT THE "OVERLOOK PARK" WEST OF THE NEW PASS BRIDGE ACROSS FROM QUICK POINT. ACCESS TO THE PRESERVE IS AVAILABLE UNDER THE BRIDGE VIA A NEWLY CONSTRUCTED WALKWAY.


TOURS OF THE PRESERVE WILL BE GIVEN BY TOWN, DEPARTMENT OF ENVIRONMENTAL PROTECTION AND NATIONAL ESTUARY PROGRAM OFFICIALS.

PART I (To be completed by contractor)

ACTIVITY AND LOCATION
 Quick Point Nature Preserve

2. TITLE OF CONTRACT AND SITE LOCATION
 Quick Point Nature Preserve, Gulf Of Mexico Drive, Longboat Key, Florida

3. NAME AND ADDRESS OF CONTRACTOR
 Tampa Contracting Services, 5430 - 1st Avenue South, #6 St. Petersburg, FL 33707

4. SIGNATURE AND TITLE OF CONTRACTOR'S AGENT


PART II (To be completed by OICC or ROICC)

1. CONTRACT NO.	2. DATE OF CONTRACT	3. CONTRACT PRICE	4. 2ND LOW BID	5. HIGH BID	6. NO. OF BIDDERS
7. ALLOTMENT OR ALLOCATION NO.		8. APPROPRIATION TITLE			
9. TIME FOR COMPLETION (in yrs)		10. REVIEWED & FORWARDED (Date)	11. SIGNATURE OF APPROVING OICC		

12. a. ITEM NO.	b. DESCRIPTION OF ITEM	c. QUANTITIES		d. MATERIAL COST		e. LABOR COST		f. TOTAL COST
		NO. OF UNITS	UNIT	UNIT COST	COST	UNIT COST	COST	
1	Bonding	1	LS	NA	NA	NA	NA	6081.00
2	Mobilization	1	LS	0	0	16,215	16,215	16215.00
3	Site Clearing	1	LS	10,000	10,000	20,403	20,403	30403.00
4	Excavation	1	LS	61,074	61,074	20,000	20,000	81074.00
5	Fine Grading	1	LS	10,000	10,000	10,269	10,269	20269.00
6	Boardwalk B	1	LS	4,107	4,107	4,000	4,000	8107.00
7	Boardwalk C	1	LS	5,134	5,134	5,000	5,000	10134.00
8	Boardwalk D	1	LS	10,269	10,269	10,000	10,000	20269.00
9	Shell Patch	1	LS	2,053	2,053	2,000	2,000	4053.00
10	Site Clean-up	1	LS	1,000	1,000	3,053	3,053	4053.00
11	Demobilization	1	LS	0	0	2,027	2,027	2027.00
							TOTAL	202685.00

DESIGN STUDIOS WEST, INC.
1335 Second Street
Sarasota, Florida 34236
(813) 954-1718

Project: QUICK POINT

Received: 4/27/05 File No.: 441.00

Checked: 5/11/05 By: PFK

- No. Exceptions Noted _____ Rejected
 Submit Additional Information Noted _____
 Incorporate Revisions as Noted _____
 No Shop Drawing Required _____

Review is for general compliance with the design concepts and contract documents. Consultant shall not relieve the Contractor of compliance with the plans and specification. The Contractor is responsible for coordinating and correlating all dimensions, quantities, fabrication processes, and installation methods. The Contractor shall be responsible for coordinating the work with other trades and performing the work in a safe manner.

QUICK POINT PRESERVE

SCOPE OF WORK

1.0 Exotic species removal

- 1.1 On-site inspection & initial stake-out of restoration areas.
(DER, CDI, TLK)
- 1.2 Write scope of work for exotic species removal (CDI, DSW)
- 1.3 Solicit 3 quotes, select and award job (TLK)
- 1.4 On-site supervision & inspection (CDI)
- 1.5 Final inspection & approval for payment (DER, CDI)

2.0 Site Investigations

- 2.1 Determine soil boring locations, write specifications and scope (CDI)
- 2.2 Develop survey requirements, write specifications and scope (CDI, DSW)
- 2.3 Select surveyor and geotechnical firm, request quotes (TLK)
- 2.4 On-site coordination & inspection (CDI)
- 2.5 Review reports and make recommendations for final design (CDI, DSW, DER, TLK)

3.0 Permits and Consent of Use Agreement

- 3.1 Apply for FDOT Right of Way permit and Consent of Use agreement
(CDI, TLK)
- 3.2 Meetings and sufficiency response with FDOT (CDI)
- *3.3 Apply for DER/COE dredge and fill permit (DER, CDI)
- 3.4 Meetings and sufficiency response for FDER and COE (CDI)

* see Notes p.2 #1

4.0 Final Design and Specifications

- 4.1 Final lay-out of path/boardwalk/restoration area (DER, TLK, NEP, DSW, CDI)
- 4.2 Select Engineer for Bridge walkway design & drawings (TLK) ~~EA~~
- 4.3 Construction drawings and specifications for path, boardwalk and site furnishings (DSW)
- 4.4 Construction drawings and specifications for regrading, spoil removal and drainage (Engineer, DSW, CDI)
- 4.5 Planting specifications and drawings (CDI, DER)
- 4.6 Approval and agreement of final bid package (DER, NEP, TLK, CDI, DSW)

5.0 Bid and Construction

- 5.1 Bid work and select contractors (TLK, DSW, CDI)
- 5.2 Supervise site preparation (CDI)
- 5.3 Coordinate and supervise construction (CDI, DSW)
- 5.4 Final inspection (before planting) (TLK, DER, NEP, CDI, DSW)

***6.0 Planting**

- 6.1 Coordinate and supervise planting (DER, CDI)
- 6.2 Final inspection

****NOTES:**

1. An administrative order by the DER District Manager might be substituted for the standard DER Dredge and Fill permit, however, a COE permit may still be required.

2. This scope of work assumes that plants are supplied by DNR. If outside sources are needed, then bid quotes and standard selection process is applied to plant procurement and installation.

SW
 S WEST, INC.
 ARCHITECTURE ARCHITECTURE
 FLORIDA 34224
 (813) 954-0000
 COVER

QUICK POINT NATURE PRESERVE LONGBOAT KEY, FL.

TASKS	AUG.				SEPT.				OCT.				NOV.				DEC.			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1.0 EXOTIC SPECIES REMOVAL																				
INSPECTION AND STAKEOUT I.1	█																			
WRITE SCOPE I.2	█																			
SOLICIT QUOTES, AWARD JOB I.3		█																		
REMOVAL OF EXOTICS I.4			█	█																
FINAL INSPECTION AND APPROVAL I.5								█												
2.0 SITE INVESTIGATIONS																				
SCOPE & SPECS-SOIL ANALYSIS 2.1			█																	
SCOPE & SPECS-SURVEYING 2.2			█																	
SELECT FIRMS, GET QUOTES 2.3				█	█															
SUPERVISION OF WORK 2.4								█												
REVIEW AND RECOMMENDATIONS 2.5									█											
3.0 PERMITS AND AGREEMENTS																				
F.D.O.T. R.O.W. AGREEMENT-APPLICATION 3.1	█	█	█	█																
SUFFICIENCY RESPONSE AND MEETINGS 3.2					█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
F.D.E.R./U.S.C.O.E. PERMITS-APPLICATION 3.3								█	█	█	█	█	█	█	█	█	█	█	█	█
SUFFICIENCY RESPONSE AND MEETING 3.4										█	█	█	█	█	█	█	█	█	█	█
4.0 FINAL DESIGN & SPECIFICATING																				
FINAL LAYOUT 4.1										█										
SELECT ENGINEER 4.2				█																
STR. DRWNGS & SPECS-PATH, BOARDWALK 4.3										█	█	█	█	█	█	█	█	█	█	█
D'S & SPECS-REGRADING, SPOIL REMOVAL 4.4										█	█	█	█	█	█	█	█	█	█	█
PLANTING SPECS & DRAWINGS 4.5										█	█	█	█	█	█	█	█	█	█	█
APPROVAL OF BID PACKAGE 4.6												█								
5.0 BID AND CONSTRUCTION																				
LET BIDS, SELECT CONTRACTORS 5.1													█	█	█	█	█	█	█	█
SITE PREPARATION 5.2														█						
CONSTRUCTION 5.3															█	█	█	█	█	█
INSPECTION 5.4																				█
6.0 PLANTING																				
INSTALL PLANTS 6.1																				
FINAL INSPECTION 6.2																				

TO BE
 DETERMINED

**QUICK POINT BUDGET UPDATE
MARCH 16, 1993**

BUDGET ITEM	AMOUNT	EXPENDITURES
1. Site Assessment & Master Plan	\$ 19,366	\$16,625.00 (DSW)
2. Survey, Engineering Drawings and Construction Details	26,850	11,923.99 (DSW)*
3. Site Preparation: (Exotic removal, excavation, spoil removal and disposal)	90,420	7,500.00 (MONROE TREE)
4. Structural Improvements: (Boardwalk, pathway signs, bike rack)	76,166 (Updated Cost: \$117,480)	
5. Restoration Planting	48,000	
6. Permitting and Project Management	13,300	
7. Monitoring and Maintenance	24,600	
8. Unbudgeted Resources	1,298	
TOTAL	<u>\$300,000</u>	<u>\$36,048.99⁺</u>

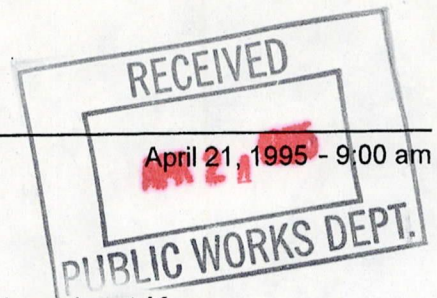
BUDGET AVAILABLE: \$200,000.00
FUNDS REMAINING: \$163,951.01

* Billed, but not paid to-date

+ Can be paid from \$100,000 Basin Board Funds

QUICK POINT NATURE PRESERVE

PRECONSTRUCTION MEETING MINUTES



Attendees

Len Smalley
Steve Schield
Dan Harte
Allen Burdett
Frank Courtney
Peter Keenan

Town of Longboat Key
Town of Longboat Key
Tampa Contracting Services, Inc.
Department of Environmental Protection
Department of Environmental Protection
Design Studios West

Items Discussed:

1. **NOTICE TO PROCEED**

Issued on April 17, 1995. Construction to be substantially complete on or before August 25, 1995 and finalized on or before September 24, 1995.

2. **COMMUNICATIONS**

All communications between owner and contractor shall be directed through Design Studios West. The contractor shall have a qualified superintendent on site during all construction operations.

3. **D.E.P. REPRESENTATION**

D.E.P. representatives will make periodic site visits to ensure compliance with overall scope of project.

4. **CONSTRUCTION STAGING AREA**

Construction trailer and staging area to be located north of water tank/building.

5. **CONSTRUCTION MEETINGS**

To be held on the second and fourth Fridays of the month at 9:00 am meetings will be held on site at the construction trailer.

6. **PAYMENT APPLICATIONS**

Contractor to utilize standard AIA forms and be coordinated with construction meeting schedule.

7. **SUBMITTALS**

Contractor shall submit four copies of required submittals to Design Studios West for review. Upon completion of review, Design Studios West will distribute (2) copies to town, (1) copy to contractor, and retain (1) copy.

8. **PRELIMINARY REQUIREMENTS**

Contractor shall refer to specifications for preliminary submittal requirements including:

- a. preliminary progress schedule
- b. schedule of values

c. submittal schedule will not be required

9. CONSTRUCTION DOCUMENTS

Town shall supply five additional sets of documents to the contractor for their use.

10. EARTHWORK

Town to determine hauling destinations and amounts for excess cut within one week. Possible destinations discussed include the tennis center, new pass, and private property across Gulf of Mexico Drive.

If anyone in attendance believes the foregoing account to be inaccurate please notify Peter Keenan of Design Studios West (813) 954-1718.

The first construction meeting shall be held on Friday, May 12th at 9:00 am.

MEMORANDUM

DATE: 03-06-95

TO: GRIFF H. ROBERTS, TOWN MANAGER
FROM: LEN SMALLY, DIRECTOR OF PUBLIC WORKS
SUBJECT: QUICK POINT HISTORY AND STATUS

From memos, minutes, calendars and date stamps (on plans) I have estimated that Public Works assumed responsibility for Quick Point's construction in March or April of 1994. My memo of 4-12-94 to you states:

"On March 8, 1994 I sent the Administrative Order to DSW and asked for a meeting. They did not acknowledge my letter (attached). We contacted them and set a meeting for March 30th which they did not attend. We re-scheduled for April 6th and discussed the Scope of Work. There was an indication that they did not feel obligated to complete all of the attached Scope of Work. I summarized our interpretation of their obligations in my letter of April 8th and I am awaiting a response."

At that time we had determined that the plans and specifications were inadequate for bidding. The following is a time-line reconstructed from the above mentioned documents:

- 6-13-94 Received proposal from Design Studios West. Transmitted to Town Manager for approval.
- 7-26-94 Plans/specifications not complete. Estimated complete by end of August 1994.
- 8-10-94 Transmitted plan to Allen Burdett (DEP) for review.
- 8-17-94 Transmitted specifications to Allen Burdett (DEP) for review.
- 9-07-94 Plans revised - due to staff and DEP concerns.
- 10-12-94 Deborah Heger transmitted bid documents to Barbara Levin.
- 11-08-94 Allen Burdett requests major changes in design - required proposal from Design Studios West.
- 12-02-94 Received final plans from Design Studios West.
- 12-15-94 Workshop minutes indicate we predict construction to begin (+/-) April 1st.
- 1-13-95 Received bid documents from Barbara Levin (per Deborah Heger).

QUICK POINT HISTORY AND STATUS

03-06-95

Page: 2

1-13-95-
1-25-95 Staff review of bid documents.

1-26-95 Bid documents final.

2-02-95 Deborah Heger releases ad for bid.

2-05-95 Ad published.

2-22-95 Pre-bid conference. Large number of questions
requires extraordinary addendum. Bid opening
extended from March 9th to March 22nd.

3-22-95 Proposed bid opening.

4-10-95 Proposed Notice to Proceed with construction.

8-10-95 Proposed date of Substantial Completion.

/cmg

The Manatee Basin Board made the final vote on their budget which includes a \$100,000 matching grant for the Quick Point Restoration Project at their June 19, 1991 meeting. These funds will become available after October of this year and will require a \$100,000 cash match from the Town for the purpose of habitat restoration. The only stipulation on the funds is that they can be used for restoration* only.

We were in competition with a number of very good projects Basin wide (Manatee and Sarasota Counties), and I would suggest that the Town send a letter to the Sarasota Bay Estuary Program thanking them for their very hard work on behalf of the Town in securing funds for the restoration project.

In addition, the D.E.R. Pollution Control Fund has \$100,000 available for the Quick Point Nature Preserve in their tentative 91/92 budget. Final approval of this budget appropriation is expected in August 1991, with funds becoming available after October. I am not aware of any conditions placed on the funds except that they must be primarily used for restoration. While the \$100,000 Basin Board grant approved today would require a \$100,000 cash match from the Town, the anticipated grant of \$100,000 from the D.E.R. could be matched with \$100,000 of in-kind services from the Town.

*Definition of Restoration: Removal of exotic trees and spoil fill material, grading and the planting of native vegetation.

SS/dmh

cc: Albert Cox, Town Manager
Terry Sullivan, Director of Finance

April 8, 1991

QUICK POINT RESERVE

BE IT RESOLVED the undersigned do not believe that Quick Point Preserve should be open to the public

The undersigned are against using any town funds except to clean up the debris that will be harmful to the natural habitat of the area.

The undersigned are against asking outside governmental agencies for funds to improve the area.

The undersigned are against developing parking lots, trails or any other enhancements which will open the area to the public.

The undersigned desire the area to be left in its natural state to be used exclusively for the home of its inhabitants, the animals + birds etc.

<u>NAME</u>	<u>ADDRESS</u>	<u>ZIP</u>
Virginia Sanders	709 Hideaway Bay Dr.	LBK
Jim Quirk	700 Old Company Rd	LBK
Jack H. Sanders	709 Hideaway Bay Dr	LBK
Keith P. Clays	696 Marbury Lane	LBK
Michael C. Caldwell	7175 GOM Drive #13	LBK
Barbara T. Huard	6700 GMD #104	LBK
Clayton A. Alston	6430 GULFSIDE RD	LBK
BARBARA AND LARRY LAKINA	600 MAWATEE, APT 125 HOLMES BEACH, A.M	
JANICE KEISEN	4302 22 Ave W Bradenton FL	34209
Penny Smith Pennington	649 Ocean Dr	LBK
Pamela Coleman	533 Juan Anasco	LBK
Carl Siegel	711 Snatch Pt Dr.	LBK
Ana Miller	680 Broadway	LBK

duplicate copies of posters for the preserve. They said the Town could keep the boards they brought today; also, they said the Commission would receive reports the Commission would receive

**ENVIRONMENTAL ASSESSMENT
AND
HABITAT MAPPING
OF
THE QUICK POINT PROPERTY
AND
THE ANSEL TRACT NORTH**

Prepared for:
THE TOWN OF LONGBOAT KEY

Prepared by:
COASTAL DUNES, INC.
AND
ENVIRONMENTAL PERMITTING AND PLANNING, INC.



ENVIRONMENTAL ASSESSMENT and HABITAT MAPPING
QUICK POINT and ANSEL TRACT NORTH PROPERTIES

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 INTRODUCTION.....	1
2.0 METHODS.....	1
3.0 QUICK POINT PROPERTY.....	2
3.1 VEGETATION	
3.1.1 MANGROVES (DITCHED WITH SPOIL MOUNDS).....	3
3.1.2 MANGROVE FRINGE.....	3
3.1.3 AUSTRALIAN PINE.....	4
3.1.4 MIXED UPLAND.....	5
3.1.5 SEAGRASS BEDS.....	5
3.1.6 OYSTER BEDS.....	5
3.1.7 DEVELOPED.....	6
3.2 FAUNA.....	6
4.0 ANSEL TRACT NORTH.....	7
4.1 VEGETATION	
4.1.1 MANGROVES.....	8
4.1.2 BRAZILLIAN PEPPER AND AUSTRALIAN PINE.....	8
4.1.3 MIXED UPLAND.....	9
4.1.4 CLEARED.....	9
4.1.5 SALTWATER MARSH.....	10
4.1.6 SEAGRASS BEDS.....	11

TABLE OF CONTENTS

(CONTINUED)

<u>SECTION</u>	<u>PAGE</u>
4.2 FAUNA.....	11
5.0 REGULATION OF WETLANDS.....	11

LIST OF FIGURES

FIGURE 1 AERIALS (10/7/89).....	12
FIGURE 2 MOSQUITO DITCHES - OVERLAY.....	13
FIGURE 3 HABITAT FEATURES - PLAN VIEW QUICK POINT PROPERTY.....	14
FIGURE 4 HABITAT FEATURES - PLAN VIEW ANSEL TRACT NORTH.....	15

1.0 INTRODUCTION

Coastal Dunes (CDI), in association with Environmental Permitting and Planning was selected by the Town of Longboat Key to perform an environmental site assessment and prepare appropriate habitat maps for two properties on Longboat Key. The first, a 34 acre parcel commonly known as the Quick Point property, is located at the southernmost tip of Longboat Key, east of Gulf of Mexico Drive. The other parcel is approximately 17 acres, located at the north end of the Key and east of Gulf of Mexico Drive and is commonly referred to as the Ansel Tract North.

The purpose of this report is to provide baseline environmental and habitat information that will be used in the preparation of recreational site plans for both parcels. Descriptive terminology is used to identify habitats.

2.0 METHODS

First, historical aerials of both sites were reviewed. Information relative to previous agricultural and mosquito ditching activities was analyzed and persons associated with those activities were interviewed.

Field methods consisted of on-site assessments on 10/19/89 (Quick Point) and 10/4/89 (Ansel Tract). In addition, an aerial reconnaissance of the properties was conducted on 10/7/89. Based on all information, habitat information was outlined on 1':100' scale blue-line aerial

photographs and transferred to 11 1/2 x 17 drawings (see Figures 1 & 2).

3.0 QUICK POINT PROPERTY

The parcel is approximately 34 acres in size and borders the New Pass inlet to the south, Sarasota Bay to the east, private property to the north and the Gulf of Mexico Drive to the west. A water storage tank, with warehouse and office facilities is located in the central portion of the property with an east-west access road to Gulf of Mexico Drive. The eastern portion of this developed area has historically been used to discard trash and other debris (e.g. tires, culverts, storage barrels, etc.).

The majority of the Quick Point property was ditched for mosquito control purposes in the early 1960's. This has resulted in a network of geometrically dredged canals, with adjacent spoil mounds. The intertidal canals are heavily vegetated with mangroves with the associated spoil mounds colonized mostly by exotics. Two large estuarine lagoons are located within the interior of the site and are connected to the bay/canal system. Nonviable oyster beds are also present within the lagoon/bay system.

The entire eastern and portions of the southern shoreline are largely undisturbed and support vigorous systems of submerged, intertidal and transitional vegetation. Seagrass beds exist along the entire shoreline and within one lagoon.

Two large spoil disposal areas occur landward of the eastern shoreline. A smaller spoil area is also located just landward of the New Pass shoreline, in the southeast section.

3.1 VEGETATION

3.1.1 MANGROVES (DITCHED WITH SPOIL MOUNDS)

This area was historically a mangrove swamp which was subsequently ditched for mosquito control purposes. Typically, the dominant species include red mangrove (Rhizophora mangle), black mangrove (Avicennia germinans), white mangrove (Laguncularia racemosa) and some Brazillian pepper (Schinus terebinthifolius). The associated spoil mounds are dominated by Australian pine (Casuarina equisetifolia).

3.1.2 MANGROVE FRINGE

Mature and healthy mangroves constitute the majority of the shoreline and inner fringe of the two estuarine lagoons. The eastern shoreline is dominated by all three species of mangroves in addition to buttonwood (Conocarpus erectus) and some Australian pine. The eastern lobe of the northerly shoreline is also dominated by all three species of mangroves, with Australian pine being more prevalent. The remainder of the northern shoreline consists of mature red and black mangroves with the exception of an area of Australian pines in the central portion. These Australian pines are associated with a large inland spoil area.

All three species of mangroves fringe the estuarine lagoons. However, at the mouth of the western lagoon on the eastern bank, there is an extensive stand of mature red mangroves.

All mangroves are protected and regulated by the Town of Longboat Key Tree Protection Ordinance (Chapter 98), the Florida Department of Environmental Regulation and the U.S. Army Corps of Engineers.

3.1.3 AUSTRALIAN PINE

There are three large spoil deposits on the site. Australian pine has heavily colonized these areas. Other canopy species include (Sabal palmetto) and red bay (Persea borbonia). Shrubs include Brazillian pepper, marlberry (Ardesia escallonoides), myrtle oak (Quercus myrtifolia), prickly pear cactus (Opuntia humifusa), seagrape (Coccoloba uvifera), Spanish bayonet (Yucca aliofolia), sea myrtle (Baccharis sp.), and white stopper (Eugenia axillaris). The understory includes herbs such as arrow-leaf morning glory (Ipomoea sagitata), coastal panic grass (Panicum amarulum), St. Augustine grass (Stenotaphrum secundatum), coastal sandbur (Cenchrus incertus), glasswort (Salicornia sp.), narrow-leaved sunflower (Helianthus augustifolus), railroad vine (Ipomoea pes-caprae), sea blite (Suaeda linearis), seaside goldenrod (Solidago sempervirens), sea lavender (Limonium carolinianum) sea oxeye daisy (Borrichia frutescens) and sea purslane (Sesuvium portulacastrum).

The listed species present in the AUSTRALIAN PINE portions of the property suggest that these areas are ecologically succeeding to coastal hammock systems.

3.1.4 MIXED UPLAND

This area is located adjacent to and east of Gulf of Mexico Drive in the southern portion of the property. Since it has been previously disturbed, it is dominated mostly by ruderal vegetation. Canopy species include Australian pine and Cabbage palm (Sabal palmetto). Brazillian pepper and seagrape are the dominant shrubs. Herbs include flat sedge (Cyperus striosus), greenbriar (Smilax spp.), Guinea grass (Panicum maxicum), seaoxeye daisy (Borrchia frutescens), spiny needles (Bidens pilosa), wholly mullein (Verbascum thapsus), and woonbine (Parthenocissus quinqueruvia).

3.1.5 SEAGRASS BEDS

Seagrass beds are prevalent along the shoreline. Turtle grass (Thalassia testudinum) and shoal grass (Halodule beaudettei) are the dominant grasses. Intermittant wading birds were noted feeding in the sea grass beds along the entire periphery.

3.1.6 OYSTER BEDS

Inviabile oyster beds are located within the eastern lagoon and at the mouth of the western lagoon.



QUICK POINT PROPERTY 10/6/89



FIGURE 1.

ANSEL TRACT 10/7/89

b. Length of course:

Expected Speed (m.p.h.)	Length (L)
< 25	88 feet
25-40	176 feet
> 40	264 feet

- c. Seek to conceal equipment and observers.
 d. Avoid reflecting sunlight into drivers eyes with mirror.

Data Collection:

1. Sample size: for mean speed (+ 1 mph, 95.5% confidence) = 100
for 85th percentile speed (+1 mph, 95.5% confidence) = 154
2. Record time for vehicle to travel length of course to nearest 1/5th second on data form.
3. Record first vehicle only in platoons, "free-flowing" vehicles.
4. Include trucks, buses in their proportion in traffic flow.
5. Avoid selecting only vehicles at high speeds.
6. Avoid onlookers.

Analysis:

1. Convert recorded time to m.p.h. by:

$$\text{Speed (m.p.h.)} = \frac{\text{length of course (feet)}}{\text{recorded time (seconds)}} \times 0.682$$

or, if course length = 88 feet, speed (mph) = $\frac{60}{\text{recorded time}}$
 = 176 feet = $\frac{120}{\text{recorded time}}$
 = 264 feet = $\frac{180}{\text{recorded time}}$

2. 85th percentile speed

- a. That speed at or below which 85% of the vehicles timed travelled.
- b. Summarize number of observations at each increment of time.
- c. Tabulate cumulative totals of observations, starting with slowest observation.
- d. Multiply 0.85 x total number of observations.
- e. Find speed associated with that number in the cumulative total column.
- f. See example worksheet.

Summary:

1. Speed limits are set as close to 85th percentile speed as other factors will allow. Other factors must be considered, such as sight distances, surface conditions, comfort of motorists.
2. Obtain and become familiar with Speed Zoning for Highways, Roads and Streets in Florida, available from Florida Department of Transportation.

Source: Reference 3

SPOT SPEED STUDY FIELD SHEET

Date 3-30-82 Location Spruce St. W. of "A" Direction W.A.
 Time 10:00-11:30 Weather FAIR Road Surface Condition D&Y

SECONDS	mph	mph	mph	PASSENGER VEHICLES	BUSES	TRUCKS	TOTAL	Cumulative Totals
1	60.0	120.0	180.0					1
2	30.0	60.0	90.0	1			1	1
3	40.0	80.0	120.0	2			2	1
4	50.0	100.0	150.0	1			1	1
5	60.0	120.0	180.0	2			2	1
6	70.0	140.0	210.0	3			3	1
7	80.0	160.0	240.0	4			4	1
8	90.0	180.0	270.0	5			5	1
9	100.0	200.0	300.0	1			1	1
10	110.0	220.0	330.0	1			1	1
11	120.0	240.0	360.0	2			2	1
12	130.0	260.0	390.0	3			3	1
13	140.0	280.0	420.0	4			4	1
14	150.0	300.0	450.0	5			5	1
15	160.0	320.0	480.0	6			6	1
16	170.0	340.0	510.0	1			1	1
17	180.0	360.0	540.0	2			2	1
18	190.0	380.0	570.0	3			3	1
19	200.0	400.0	600.0	4			4	1
20	210.0	420.0	630.0	5			5	1
21	220.0	440.0	660.0	6			6	1
22	230.0	460.0	690.0	7			7	1
23	240.0	480.0	720.0	8			8	1
24	250.0	500.0	750.0	9			9	1
25	260.0	520.0	780.0	10			10	1
26	270.0	540.0	810.0	11			11	1
27	280.0	560.0	840.0	12			12	1
28	290.0	580.0	870.0	13			13	1
29	300.0	600.0	900.0	14			14	1
30	310.0	620.0	930.0	15			15	1
31	320.0	640.0	960.0	16			16	1
32	330.0	660.0	990.0	17			17	1
33	340.0	680.0	1020.0	18			18	1
34	350.0	700.0	1050.0	19			19	1
35	360.0	720.0	1080.0	20			20	1
36	370.0	740.0	1110.0	21			21	1
37	380.0	760.0	1140.0	22			22	1
38	390.0	780.0	1170.0	23			23	1
39	400.0	800.0	1200.0	24			24	1
40	410.0	820.0	1230.0	25			25	1
41	420.0	840.0	1260.0	26			26	1
42	430.0	860.0	1290.0	27			27	1
43	440.0	880.0	1320.0	28			28	1
44	450.0	900.0	1350.0	29			29	1
45	460.0	920.0	1380.0	30			30	1
46	470.0	940.0	1410.0	31			31	1
47	480.0	960.0	1440.0	32			32	1
48	490.0	980.0	1470.0	33			33	1
49	500.0	1000.0	1500.0	34			34	1
50	510.0	1020.0	1530.0	35			35	1
51	520.0	1040.0	1560.0	36			36	1
52	530.0	1060.0	1590.0	37			37	1
53	540.0	1080.0	1620.0	38			38	1
54	550.0	1100.0	1650.0	39			39	1
55	560.0	1120.0	1680.0	40			40	1
56	570.0	1140.0	1710.0	41			41	1
57	580.0	1160.0	1740.0	42			42	1
58	590.0	1180.0	1770.0	43			43	1
59	600.0	1200.0	1800.0	44			44	1
60	610.0	1220.0	1830.0	45			45	1
61	620.0	1240.0	1860.0	46			46	1
62	630.0	1260.0	1890.0	47			47	1
63	640.0	1280.0	1920.0	48			48	1
64	650.0	1300.0	1950.0	49			49	1
65	660.0	1320.0	1980.0	50			50	1
66	670.0	1340.0	2010.0	51			51	1
67	680.0	1360.0	2040.0	52			52	1
68	690.0	1380.0	2070.0	53			53	1
69	700.0	1400.0	2100.0	54			54	1
70	710.0	1420.0	2130.0	55			55	1
71	720.0	1440.0	2160.0	56			56	1
72	730.0	1460.0	2190.0	57			57	1
73	740.0	1480.0	2220.0	58			58	1
74	750.0	1500.0	2250.0	59			59	1
75	760.0	1520.0	2280.0	60			60	1
76	770.0	1540.0	2310.0	61			61	1
77	780.0	1560.0	2340.0	62			62	1
78	790.0	1580.0	2370.0	63			63	1
79	800.0	1600.0	2400.0	64			64	1
80	810.0	1620.0	2430.0	65			65	1
81	820.0	1640.0	2460.0	66			66	1
82	830.0	1660.0	2490.0	67			67	1
83	840.0	1680.0	2520.0	68			68	1
84	850.0	1700.0	2550.0	69			69	1
85	860.0	1720.0	2580.0	70			70	1
86	870.0	1740.0	2610.0	71			71	1
87	880.0	1760.0	2640.0	72			72	1
88	890.0	1780.0	2670.0	73			73	1
89	900.0	1800.0	2700.0	74			74	1
90	910.0	1820.0	2730.0	75			75	1
91	920.0	1840.0	2760.0	76			76	1
92	930.0	1860.0	2790.0	77			77	1
93	940.0	1880.0	2820.0	78			78	1
94	950.0	1900.0	2850.0	79			79	1
95	960.0	1920.0	2880.0	80			80	1
96	970.0	1940.0	2910.0	81			81	1
97	980.0	1960.0	2940.0	82			82	1
98	990.0	1980.0	2970.0	83			83	1
99	1000.0	2000.0	3000.0	84			84	1
100	1010.0	2020.0	3030.0	85			85	1
101	1020.0	2040.0	3060.0	86			86	1
102	1030.0	2060.0	3090.0	87			87	1
103	1040.0	2080.0	3120.0	88			88	1
104	1050.0	2100.0	3150.0	89			89	1
105	1060.0	2120.0	3180.0	90			90	1
106	1070.0	2140.0	3210.0	91			91	1
107	1080.0	2160.0	3240.0	92			92	1
108	1090.0	2180.0	3270.0	93			93	1
109	1100.0	2200.0	3300.0	94			94	1
110	1110.0	2220.0	3330.0	95			95	1
111	1120.0	2240.0	3360.0	96			96	1
112	1130.0	2260.0	3390.0	97			97	1
113	1140.0	2280.0	3420.0	98			98	1
114	1150.0	2300.0	3450.0	99			99	1
115	1160.0	2320.0	3480.0	100			100	1
116	1170.0	2340.0	3510.0	101			101	1
117	1180.0	2360.0	3540.0	102			102	1
118	1190.0	2380.0	3570.0	103			103	1
119	1200.0	2400.0	3600.0	104			104	1
120	1210.0	2420.0	3630.0	105			105	1
121	1220.0	2440.0	3660.0	106			106	1
122	1230.0	2460.0	3690.0	107			107	1
123	1240.0	2480.0	3720.0	108			108	1
124	1250.0	2500.0	3750.0	109			109	1
125	1260.0	2520.0	3780.0	110			110	1
126	1270.0	2540.0	3810.0	111			111	1
127	1280.0	2560.0	3840.0	112			112	1
128	1290.0	2580.0	3870.0	113			113	1
129	1300.0	2600.0	3900.0	114			114	1
130	1310.0	2620.0	3930.0	115			115	1
131	1320.0	2640.0	3960.0	116			116	1
132	1330.0	2660.0	3990.0	117			117	1
133	1340.0	2680.0	4020.0	118			118	1
134	1350.0	2700.0	4050.0	119			119	1
135	1360.0	2720.0	4080.0	120			120	1
136	1370.0	2740.0	4110.0	121			121	1
137	1380.0	2760.0	4140.0	122			122	1
138	1390.0	2780.0	4170.0	123			123	1
139	1400.0	2800.0	4200.0	124			124	1
140	1410.0	2820.0	4230.0	125			125	1
141	1420.0	2840.0	4260.0	126			126	1
142	1430.0	2860.0	4290.0	127			127	1
143	1440.0	2880.0	4320.0	128			128	1
144	1450.0	2900.0	4350.0	129			129	1
145	1460.0	2920.0	4380.0	130			130	1
146	1470.0	2940.0	4410.0	131			131	1
147	1480.0	2960.0	4440.0	132			132	1
148	1490.0	2980.0	4470.0	133			133	1
149	1500.0	3000.0	4500.0	134			134	1
150	1510.0	3020.0	4530.0	135			135	1
151	1520.0	3040.0	4560.0	136			136	1
152	1530.0	3060.0	4590.0	137				

Quick Point + Ansel Tract

SPOT SPEED STUDY FIELD SHEET

Date _____ Location _____ Direction _____

Time _____ Weather _____ Road Surface Condition _____

SECONDS	mph for 88 ft	mph for 176 ft	PASSENGER VEHICLES		BUSES		TRUCKS		TOTAL
				No Veh		No Veh		No Veh	
1	60.0	120.0							
1 1/5	50.0	100.0							
1-2/5	42.8	85.7							
1-3/5	37.5	75.5							
1-4/5	33.3	66.6							
2	30.0	60.0							
2-1/5	27.2	54.5							
2-2/5	25.0	50.0							
2-3/5	23.0	46.1							
2-4/5	21.4	42.8							
3	20.0	40.0							
3-1/5	18.7	37.5							
3-2/5	17.6	35.2							
3-3/5	16.6	33.3							
3-4/5	15.7	31.5							
4	15.0	30.0							
4-1/5	14.2	28.9							
4-2/5	13.6	27.2							
4-3/5	13.0	26.1							
4-4/5	12.5	25.0							
5	12.0	24.0							
5-1/5	11.5	23.0							
5-2/5	11.1	22.2							
5-3/5	10.7	21.4							
5-4/5	10.3	20.6							
6	10.0	20.0							
6-1/5	9.6	19.3							
6-2/5	9.3	18.7							
6-3/5	9.0	18.1							
6-4/5	8.7	17.6							
7	8.5	17.1							
7-1/5	8.3	16.6							
7-2/5	8.1	16.2							
7-3/5	7.8	15.7							
7-4/5	7.6	15.3							
8	7.5	15.0							
8-1/2	7.0	14.1							
9	6.6	13.3							
9-1/2	6.3	12.6							
10	6.0	12.0							
11	5.4	10.9							
12	5.0	10.0							
13	4.6	9.2							
14	4.2	8.5							
15	4.0	8.0							
TOTAL VEHICLES									

Source: Reference 3

Bureau of Highway Safety
Kimley-Horn and Associates, Inc.

SPEED STUDIES SPOT SPEED STUDY

Purposes:

1. Establish speed limit regulations (see FDOT Speed Zoning Manual).
2. Determine distances for advance warnings.
3. Sight distance requirements.
4. Establish advisory speeds.
5. Establish no-passing zones.
6. Timing traffic signals.
7. Many other applications.

Equipment:

- | | |
|------------------------------|--------------|
| 1. Stop watch | 4. Clipboard |
| 2. Mirror with base | 5. Pencils |
| 3. Distance measuring device | 6. Data form |

Procedure:

1. Select location for study
 - a. In rural areas, level straight section not near intersections.
 - b. In urban areas, midblock locations where parking and major intersections do not influence vehicular speeds.

2. Schedule data collection
 - a. Avoid congested periods. Suggested periods for data collection are:
 - 9:30 - 11:30 a.m.
 - 1:30 - 4:30 p.m.
 - 7:00 - 10:00 p.m.
 - b. May need more than one day to collect enough data
 - c. Need good weather conditions
 - d. Avoid unusual traffic conditions

3. Set up data collection equipment
 - a. Similar to schematic.

