



FIRST LINE  
COASTAL

# Longboat Key Canal Maintenance Program

## Canal Sheets June 2024

Developed by First Line Coastal alongside the Town of  
Longboat Key Public Works Department



 941-316-1988

 600 General Harris Street  
Longboat Key, FL 34228

 [www.longboatkey.org/town-  
government/departments/public-  
works](http://www.longboatkey.org/town-government/departments/public-works)

### Task Objective

First Line Coastal, as part of task order 2024-01 Canal Navigation Maintenance under the engineering services – MCA for RFP 23-114, and as-directed by Asst Public Works Director Charlie Mopps, was scoped to complete several tasks to further refine and update work which has previously been completed by others in support of the establishment of a comprehensive canal maintenance dredging program for the Town of Longboat Key.

This phase of worked aimed to generate updated project costs and propose specific cost-savings measures for the program. The work included advancement the understanding of current conditions within the 96 individual Town waterways and canals, re-evaluation of construction costs, and establishment of initial project strategies to facilitate maintenance for target levels of service at a reduced cost for each waterway or canal.

### Data Collection

Field data collection included two primary field efforts. Investigatory hydrographic surveys were performed in March of 2024 to generally understand current bathymetric conditions and estimate available dredge volumes. The survey methods included data collection along the length of each canal (profile lines) and is considered an economical technique for rapid assessment. The technique is useful for identifying trends but does necessitate significant interpolation to simulate and expand bathymetry to a sufficient width for volume computation. A survey report is on file as part of the final deliverable.

Qualitative navigability assessments of each waterway/canal were also performed in March. This effort entailed navigating each waterway/canal in a typical representative vessel - a 24' center console. An experienced captain and engineer considered ease of navigation, apparent utilization, and level of service for each while documenting physical characteristics such as structure types & density, natural exposures, and aids to navigation. During the same effort, the project team performed seagrass encroachment spot checks on the previously mapped seagrass beds (2017) throughout the island. Bounce dives were performed to roughly evaluate apparent advance/retreat trends of previously identified resources, the results of which were to inform the scale of future mapping efforts.

### Programmatic Tools

The resulting data sets have been incorporated into several useful tools to aid in the organization, assessment, and strategic planning for the canal program:

**Canal Geodatabase:** incorporates historic data sets and information acquired during this event. The tool organizes all spatial data into a single utility with reference to geographic location and aerial imagery. The tool is portable to similar applications and allows for rapid assessment at a coarse scale and export for detailed evaluation.

**Canal Sheets:** Summary reports for each of the 96 waterways/canals have been organized into individual Canal Sheets. The front of each sheet presents information concerning existing

conditions and utilization, previous permit history, and a current navigability assessment. The back of the sheet presents target maintenance goals, a maintenance plan, and status of implementation. Objective grading is assigned to each canal for rapid assessment of the need, urgency, and benefit of the proposed maintenance. The Canal Sheets are suitable for outward presentation, can facilitate discussion and decision-making, and are easily linked to a web browser or geodatabase as an evolving document. The first application of the canal sheets facilitated discussion & decision-making between Staff and First Line to provide initial maintenance recommendations.

**Production-Based Estimating Model:** A cost estimating tool was developed to validate previous costing efforts and advance understanding of specific parameters affecting dredging cost for each waterway/canal. The tool allows for quick assessment of cost impacts associated with proposed modifications of an evolving project. The tool also highlights areas of especially high or low value work items and aids in decision-making.

**Cost Estimate**

The initial Opinion of Probable Construction Costs (OPCC) presented to the Town Commission in December 2023 included a dredge quantity of 127,000 cubic yards for a total dredging cost of \$12.03 million dollars. The work completed by First Line reveals an updated volume of around 40,000 cubic yards with an OPCC of \$3.68 million dollars. The estimated cost reduction of approximately \$8.35 million is primarily driven by a reduction in dredge volume from the updated survey, strategic planning efforts to reduce low-production or unnecessary dredge work, and a difference in cost estimating approach/opinion.

OPCC Presented in 2023		2024 Production Model OPCC	
Quantity	127,000 CY	Quantity	40,000 CY
Mobilization	\$5.28 MM	Mobilization	\$330,000
Unit Price	\$53.14/CY (\$50.12 – \$62.84)	Unit Price	\$83.75 / CY (\$57.93 – \$128.23)
<b>Total Cost</b>	<b>\$12.03 MM</b>	<b>Total Cost</b>	<b>\$3.68 MM</b>
Effective Rate	\$94.83 / CY	Effective Rate	\$92.00 / CY

The costs presented above are for the dredging component only. An updated cost for seagrass mitigation was performed by others under a separate task order. Estimates do not incorporate engineering fees and inflation. Costs associated with ongoing maintenance are not yet known and are critical to understanding overall programmatic lifecycle cost.

## Summary

The overall effort was successful in updating and understanding the current condition of the canals throughout Longboat Key. During the process, the project team developed several of highly effective tools to assist in further decision-making that can easily be transitioned into informational tools for public consumption. The tools were used by First Line and Town staff to plan proper level of service to the Town's citizens while providing a significant reduction in programmatic costs. Additional work is required to fully understand long-term and ongoing maintenance costs. A project record has been delivered to the Public Works department including all the above discussed tools as well as supporting data.

*For additional information, contact:*

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# Glossary

TERM	DEFINITION
<b>CANAL GROUP</b>	Previously established groups throughout the island used to separate out project funding based on geographic location.
INCLUDES	Group 1 – Group 7
<b>FUNDING CATEGORY</b>	Previously established categories used to distinguish user groups and funding mechanisms for each canal/waterway.
BLUE	Direct Benefit – Funded by property owners that directly benefit from the project, likely via direct assessment.
RED	General Benefit – Funded by all Longboat Key residents, likely through an ad-valorem tax.
GREEN	Cost Share Benefit – Split funding including portions from all Town residents and directly benefitting property owners.
<b>EXISTING CONDITIONS</b>	
<b>PRIMARY USAGE</b>	Describes the primary utilization of the canal/waterway.
<b>DENSITY OF WATER ACCESS</b>	Estimates the percentage of developed shoreline (docks, seawalls, etc) present on given canal.
<b>NOTED DAMAGE TO STRUCTURE</b>	Yes/No of whether notable structural damage was observed during the navigation assessment in March 2024.
<b>NOTABLE EXPOSURES</b>	Physical or environmental conditions which a boater must consider while underway.
INCLUDES	Wind, Waves, Current, Obstacles
<b>IMPEDIMENTS</b>	Physical objects present that would impede vessel navigation.
INCLUDES	Shoals, Docks/Lifts, Overgrowth, Seagrass, Oysters, Structures
<b>AVG VESSEL BEAM</b>	The observed average width of vessel for the apparent intended or appropriate use of the canal.
<7 FT	Small class vessel with a beam of less than 7 feet
7 – 10 FT	Medium class vessel with a beam between 7 feet and 10 feet.

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	10+ FT	Large class vessel with a beam greater than 10 feet.
<b>AVG VESSEL DRAFT</b>		The observed average depth below the waterline of vessels for the apparent intended or appropriate use of the canal.
	<2 FT	Small class vessel with a draft of less than 2 feet
	2 – 4 FT	Medium class vessel with a draft between 2 feet and 4 feet.
	4+ FT	Large class vessel with a draft greater than 4 feet.
<b>MAPPED SEAGRASS</b>		Yes/No on whether seagrass was mapped during the 2017 seagrass mapping effort.

## DESIGN PARAMETERS

<b>PERMIT DEPTH</b>	Design depth of the most recently permitted channel.
<b>PERMITTED WIDTH</b>	Design width of the most recently permitted channel.
<b>PLACEMENT AREA</b>	Dredge material placement area based the most recent permit.
<b>EXISTING PERMITS</b>	Permit number of the most recent permit.
<b>PERMIT EXPIRATION</b>	Expiration date of most recent permit.
<b>LENGTH OF CANAL</b>	Approximate linear length of canal, as measured down the centerline.
<b>PERMITTED CHANNEL DIMENSIONS</b>	A graphic depiction of the currently permitted channel dimensions. An idealized channel template with the target design vessel shown for reference.

## NAVIGATION SCORE

<b>CANAL NAVIGATION (NAV) SCORE</b>	Letter grade score for the canal from A+ to F, as applied to the stated vessel category.
A – UNRESTRICTED	Allows for unrestricted navigation for all experience levels.
B – AS EXPECTED	Generally, allows for safe navigation, but with some restriction that requires forethought in navigation.

# Glossary

<b>C – LOCAL KNOWLEDGE</b>	Local knowledge or prior planning is required for most conditions.
<b>D – CONDITIONALLY RESTRICTED</b>	Not navigable during certain conditions.
<b>F – NOT NAVIGABLE</b>	Navigation is not prudent for the intended vessel class under most conditions.
<b>MAX WITH CURRENT DESIGN</b>	Score if the canal was maintained to the permitted design parameters as of June 2024.
<b>CURRENT SCORE</b>	Score of the canal based on the conditions recorded from the March 2024 survey and navigability assessment. This score is a combination of the individual navigability scores described below (Transiting, Meeting/Overtaking, maneuvering/Docking).
<b>TRANSITING</b>	Describes the ability for the designated vessel to make way through a waterway (one-way traffic).
<b>MEETING/OVERTAKING</b>	Describes the ability for the designated vessel to meet or pass a vessel of similar size (two-way traffic).
<b>MANEUVERING/DOCKING</b>	Describes the ability for the designated vessel to stop, come about, dock, and maneuver in the waterway.
<b>SURVEY INFO</b>	Table of recent survey information including date, available dredge volume and survey type
<b>LIMITING DEPTH AT LAST SURVEY</b>	Depth at the shallowest point in the canal, referenced to MLW
MLW	Vertical Tidal Datum “Mean Low Water”
STATION (STA)	Distance along the centerline of the canal. (STA 16+84 = 1684 ft along centerline)
<b>MARKER DENSITY</b>	Density of waterway navigation markers throughout canal.
<b>MAINTENANCE PLAN</b>	
<b>MAINTENANCE PLAN</b>	Describes the current parameters to which the canal is planned to be maintained.
<b>MAINTAINED WIDTH</b>	Planned width to maintain the canal.
<b>MAINTAINED DEPTH</b>	Planned depth to maintain the canal.

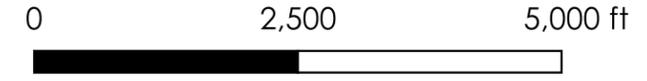
# Glossary

<b>MONITORING FREQUENCY</b>	How often new survey data is planned to be collected.
<b>DREDGING REQUIRED</b>	Yes/No – Is dredging currently required to achieve the current maintenance plan, based upon the most recent survey (March 2024).
<b>MINIMUM (MIN) DREDGE TARGET</b>	Minimum elevation of material that triggers weather dredging is required.
<b>NUMBER OF SEGMENTS</b>	Number of areas with available dredge material.
<b>DREDGE LENGTH</b>	Total length along centerline which requires dredging.
<b>NAV. SCORE AFTER MAINTENANCE</b>	
<b>NAVIGATION (NAV) SCORE AFTER MAINTENANCE</b>	Anticipated change in navigation score after the maintenance plan is completed.
CURRENT	See definition for “Current Score” above
COMPLETED	Anticipated navigation score after maintenance plan is completed.
<b>MAINTENANCE GOAL</b>	
<b>MAINTENANCE GOAL</b>	Defines the intended vessel class and level of service goals.
<b>WORK STATUS</b>	
<b>WORK STATUS</b>	Information regarding the current status of work by element.
<b>DESIGNED</b>	Yes/No – Does the canal have an existing design.
<b>PERMITTED</b>	Does the current canal have an active permit.
<b>MITIGATED</b>	Has required mitigation for environmental impacts been completed.
<b>FUNDED</b>	Is funding in place.
<b>ANTICIPATED COMPLETION</b>	Date of anticipated completion of the maintenance plan.

# Island Overview Sheet 1



# Island Overview Sheet 2



**Canal**

**01**



Canal Group: 1

Subdivision: **LONGBEACH ON LONGBOAT KEY / SAVARESE INLET**

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. / Longboat Dr. N. & Lands End Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: Yes - Bowing Seawalls

Mapped Seagrass: Yes

Notable Exposures: None

Impediments: Overgrowth

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -4 MLW

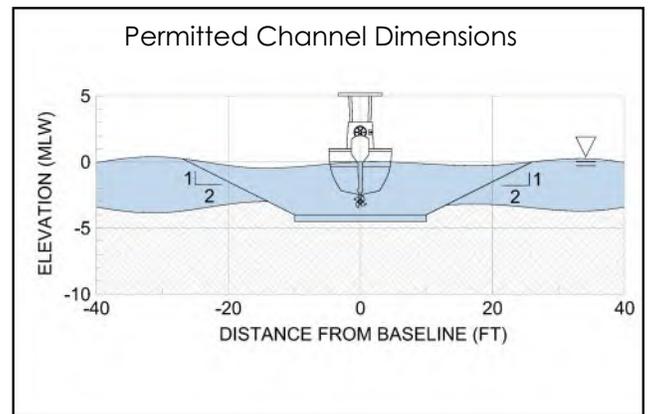
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001/41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 2058 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>D-</b>

Transiting: D - Conditionally Restricted

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

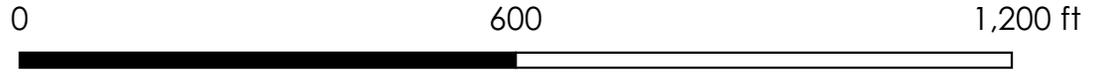
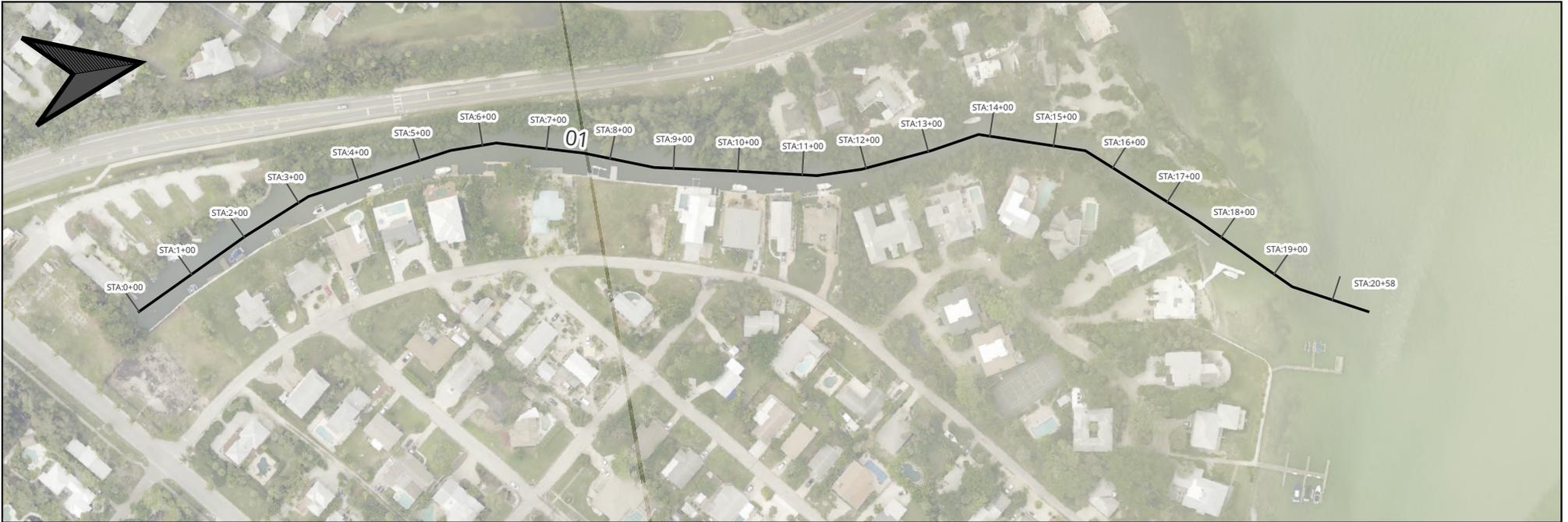
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	347 cy	SB Profile
2019	859 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2 ft MLW at STA 16+84

# Canal 01



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -4.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -3.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Mangrove trimming, consider advanced maintenance at mouth in the future

## Nav. Score After Maintenance

Current → Completed  
 D- → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	B - As expected
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**01A**



Canal Group:

Subdivision:

Funding Category:

Cross Streets:

Existing Conditions:

Primary Usage:

Avg Vessel Beam:

Density of Water Access: 0%

Avg Vessel Draft:

Noted Damage to Structures:

Mapped Seagrass:

Notable Exposures: None

Impediments:

Date of Last Field Assessment:

Design Parameters

Existing Permit Info

Permit Depth: N/A

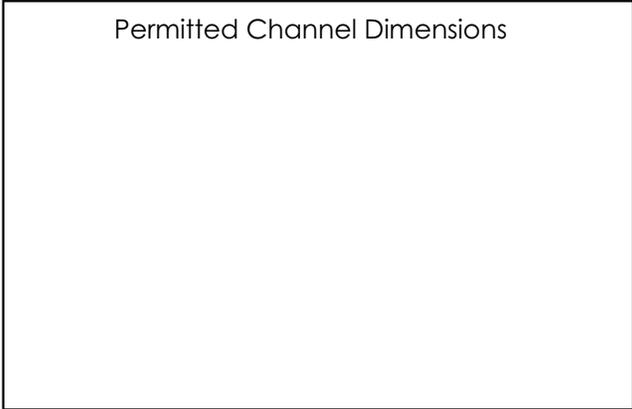
Permit Width: N/A

Placement Area: N/A

Existing Permits:

Permit Expiration:

Length of Canal: 1168 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
N/A	N/A

Transiting:

Meeting/Overtaking:

Maneuvering/docking:

Marker Density:

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	cy	
2019	0 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: - ft MLW at STA

# Canal 01A



## Maintenance Plan

Maintained Width: TBD  
 Maintained Depth: TBD  
 Monitoring Frequency: TBD  
 Dredging Required: TBD  
 Min Dredge Target: TBD  
 Number of Segments: TBD  
 Dredge Length: TBD  
 Additional Work:

## Nav. Score After Maintenance

Current	→	Completed
N/A		N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: ft	
Beam: ft	
Draft: ft	
	<u>Meeting</u>
	<u>Maneuvering</u>

## Work Status

Designed:  
 Permitted:  
 Mitigated:  
 Funded:  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**01P**



Canal Group: 1

Subdivision: LONGBEACH ON LONGBOAT KEY

Funding Category: Red

Cross Streets: Lands End Dr. / Longboat Dr. E / Bayside Dr.

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 50%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Current, Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

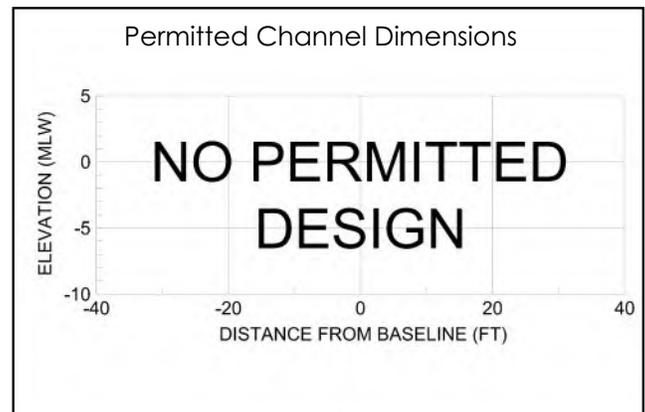
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1743 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>A-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

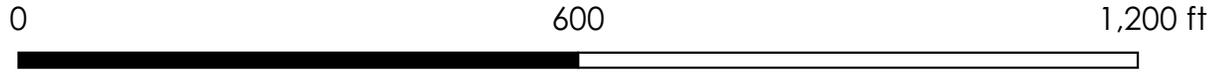
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,115 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -8.5 ft MLW at STA 10+00

# Canal 01P



## Maintenance Plan

Maintained Width: 45 FT  
 Maintained Depth: -7.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -6.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	A - Unrestricted
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**02**



Canal Group: 1

Subdivision: **LONGBEACH ON LONGBOAT KEY**

Funding Category: Blue

Cross Streets: Longboat Dr. S & Jackson Way & Bayou Hammock Rd

**Existing Conditions:**

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

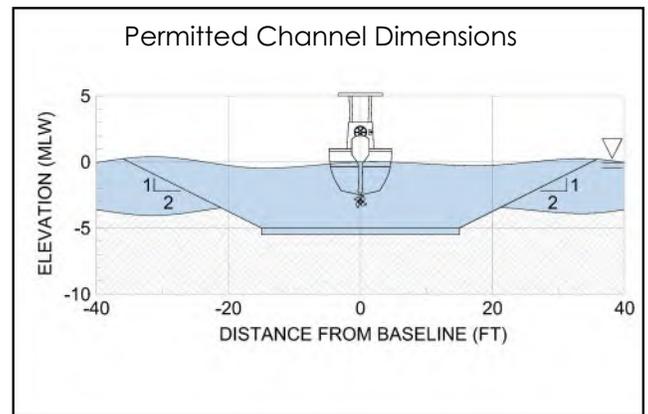
Permit Width: 30 FT and 3 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01 637883-002/41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 3364 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>C+</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

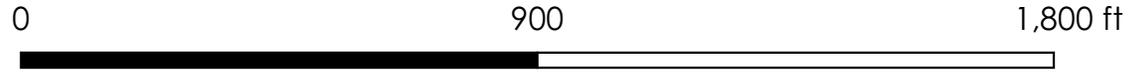
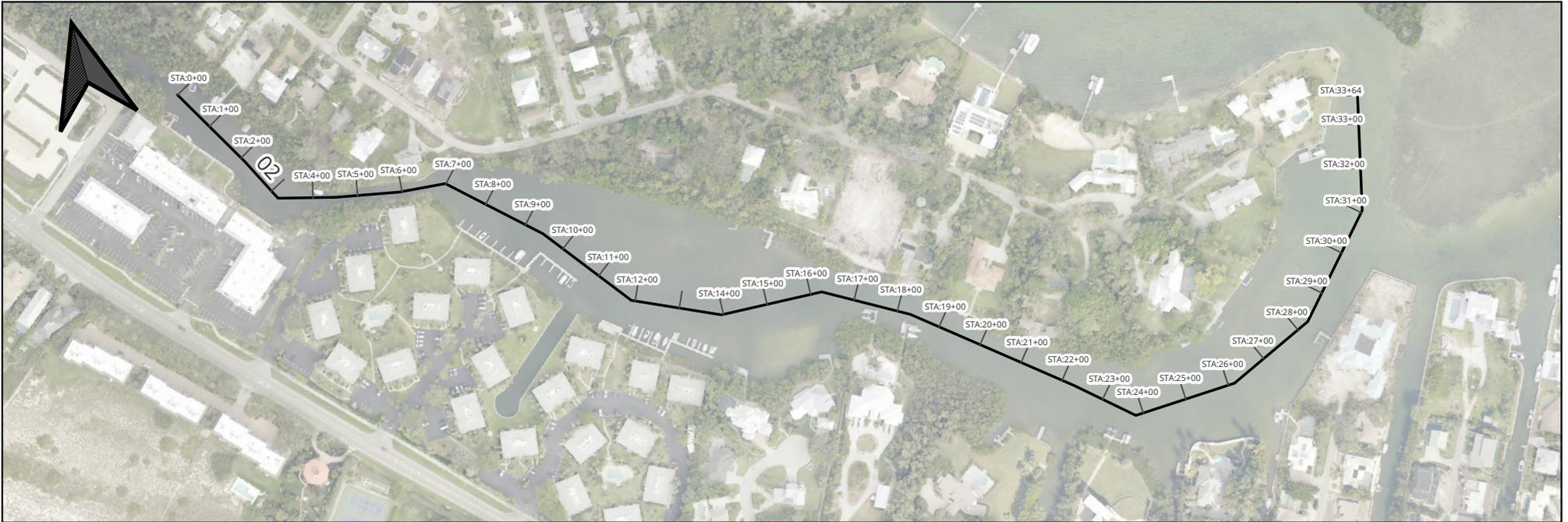
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,019 cy	SB Profile
2019	5,456 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.2 ft MLW at STA 3+50

# Canal 02



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Mangrove trimming, consider additional ATONS in the future

## Nav. Score After Maintenance

Current → Completed  
 C+ → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**02A**



Canal Group: 1

Subdivision: LONGBEACH ON LONGBOAT KEY

Funding Category: Red

Cross Streets: Bayside Dr. / Bayou Hammock Rd.

**Existing Conditions:**

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 60%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

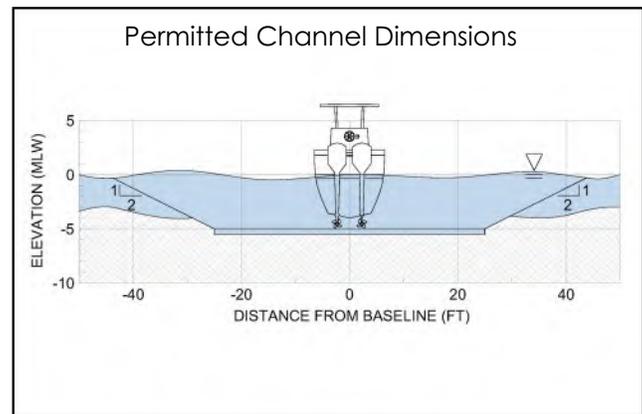
Permit Width: 50 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 3198 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A+</b>	<b>A</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: Adequate

Notes: Green Marker 7 missing

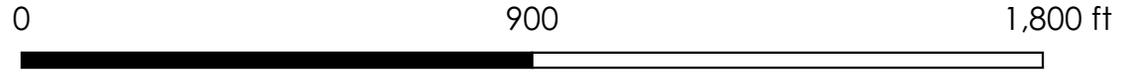
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	438 cy	SB Profile
2019	2,886 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.6 ft MLW at STA 16+85

# Canal 02A



## Maintenance Plan

Maintained Width: 50 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**02B**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: None

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

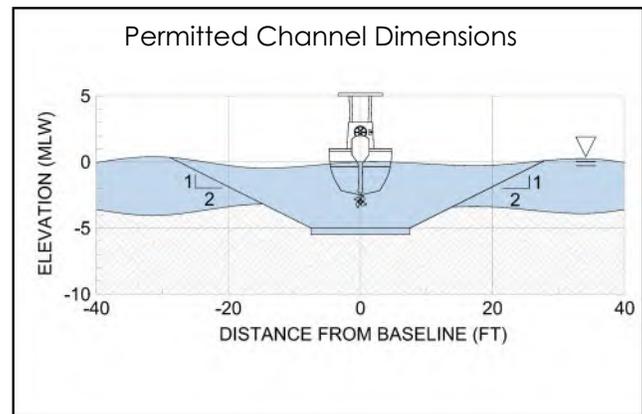
Permit Width: 15 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01 637883-002/41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 253 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>C</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

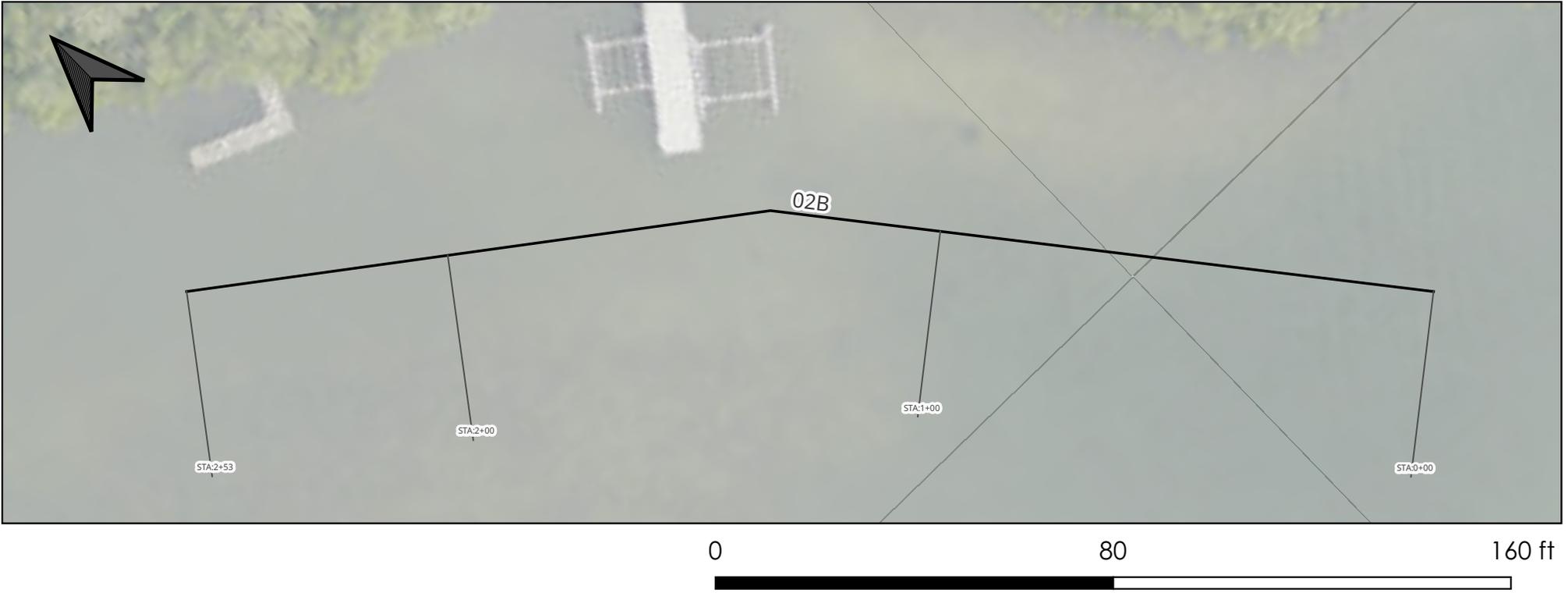
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	110 cy	SB Profile
2019	212 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.4 ft MLW at STA 1+30

# Canal 02B



## Maintenance Plan

Maintained Width: 15 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**03**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK

Funding Category: Blue

Cross Streets: Shinbone Aly / Juan Anasco Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Dock/Lift, Overgrowth

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -4 MLW

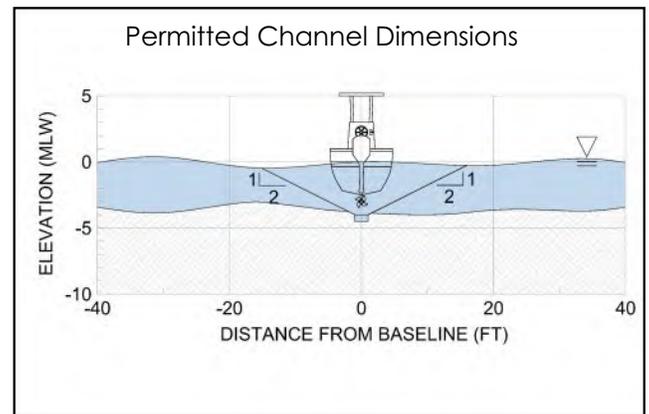
Permit Width: 2 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01 637883-002/41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 850 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
C	D

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	440 cy	SB Profile
2019	425 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.8 ft MLW at STA 4+60

# Canal 03



## Maintenance Plan

Maintained Width: 15 FT  
 Maintained Depth: -4.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -3.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 D → C

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 B - As expected

Meeting  
 C - local knowledge

Maneuvering  
 D - Conditionally Restricted

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**04**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK

Funding Category: Blue

Cross Streets: Juan Anasco Dr. / eE Narvaez Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Overgrowth

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

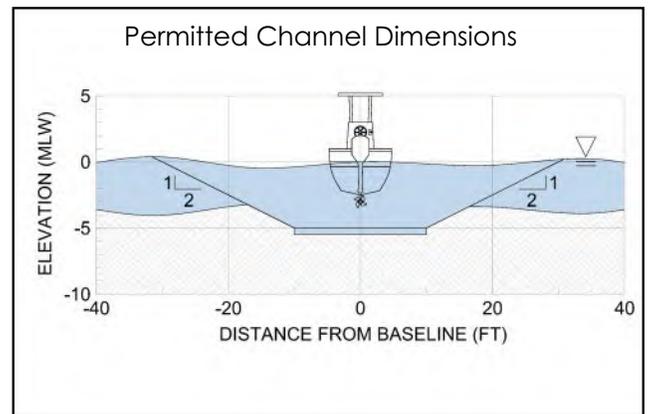
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 1238 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>B</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

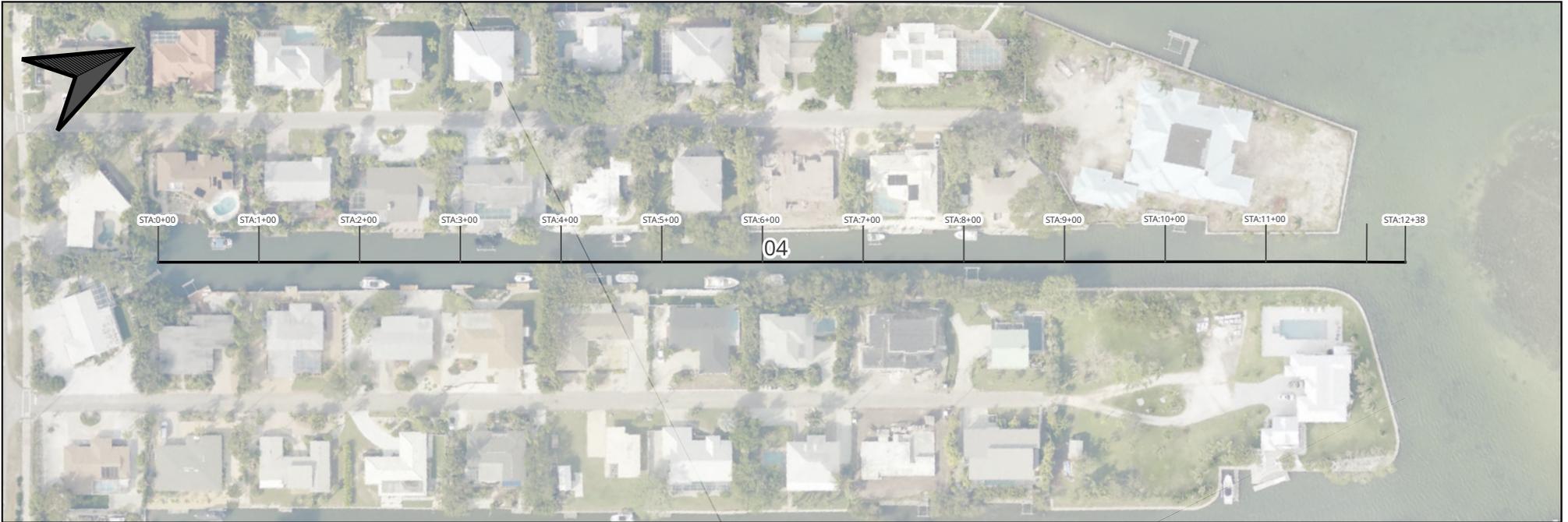
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	439 cy	SB Profile
2019	613 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.5 ft MLW at STA 0+80

# Canal 04



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current  $\longrightarrow$  Completed  
**B**  $\longrightarrow$  **A-**

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**05**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK

Funding Category: Blue

Cross Streets: De Navaez Dr. / Bayview Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

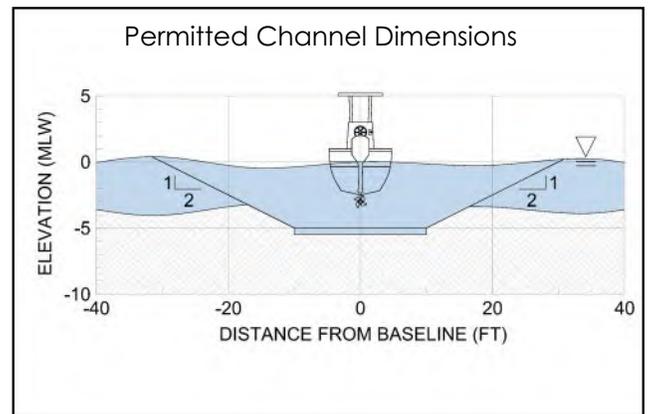
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1380 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C-</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,207 cy	SB Profile
2019	640 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.1 ft MLW at STA 0+32

# Canal 05



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C- → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**06**



Canal Group: 1

Subdivision: BAYVIEW ESTATES

Funding Category: Blue

Cross Streets: Bayview Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: None

Impediments: Overgrowth

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -4 MLW

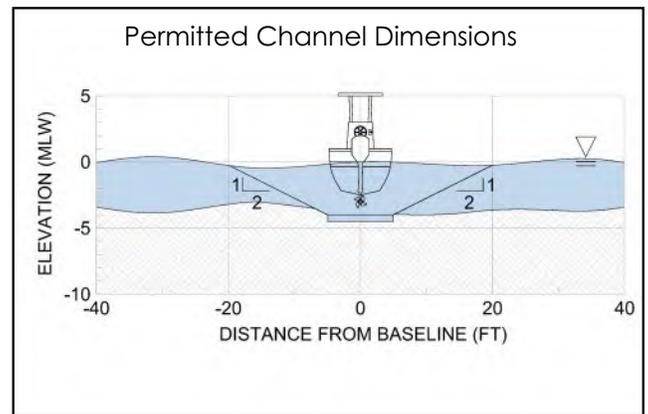
Permit Width: 10 FT and 4 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001/41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 1506 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>D+</b>

Transiting: D - Conditionally Restricted

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

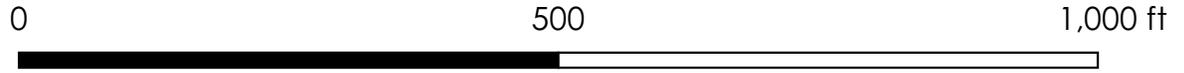
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	555 cy	SB Profile
2019	532 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.6 ft MLW at STA 4+25

# Canal 06



## Maintenance Plan

Maintained Width: 15 FT  
 Maintained Depth: -4.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -3.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Mangrove trimming

## Nav. Score After Maintenance

Current → Completed  
 D+ → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**06A**



Canal Group: 1

Subdivision: BAYVIEW ESTATES

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: None

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

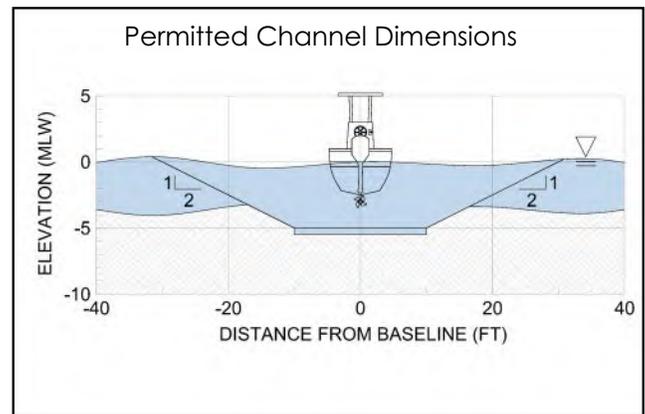
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 749 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

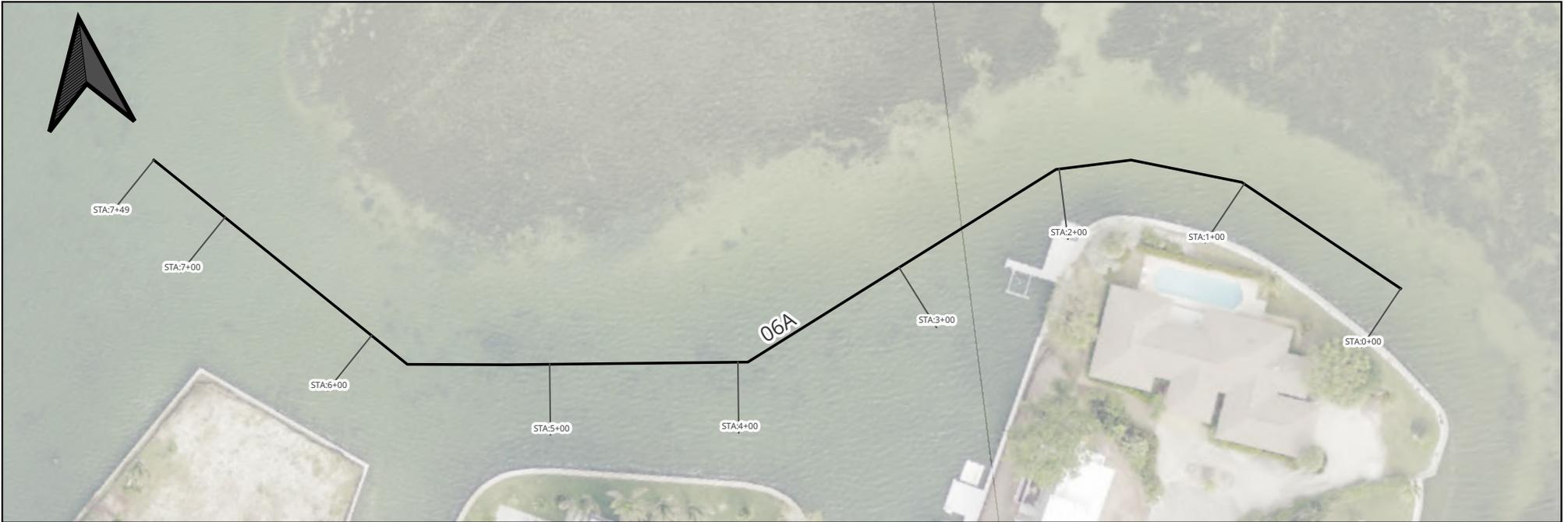
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	254 cy	SB Profile
2019	395 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.6 ft MLW at STA 1+00

# Canal 06A



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**07**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK NO 2

Funding Category: Blue

Cross Streets: Lyons Ln / Norton St.

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

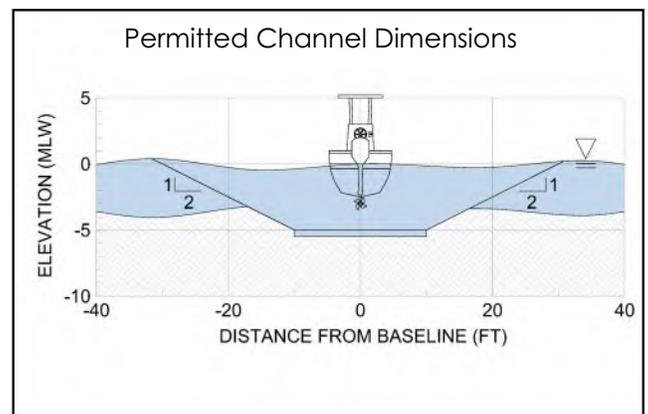
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1918 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>C</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

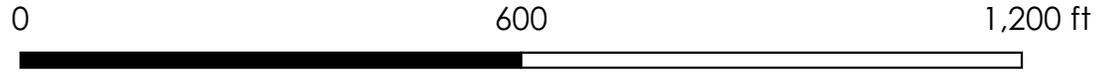
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	159 cy	SB Profile
2019	1,037 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.1 ft MLW at STA 18+40

# Canal 07



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Dredging only required at entrance

## Nav. Score After Maintenance

Current → Completed  
 C → B-

## Maintenance Goal

Vessel  
 Length: 24 ft      Transiting  
 Beam: 9 ft          A - Unrestricted  
 Draft: 3.5 ft  
  
Meeting  
 B - As expected  
  
Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
  
 Anticipated Completion: TBD  
  
 Notes:

**Canal**  
**07A**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK NO 2

Funding Category: Blue

Cross Streets: Bayside Perimeter Canal Surrounding Norton St. / Marbury Ln / Pennfield St

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Current, Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

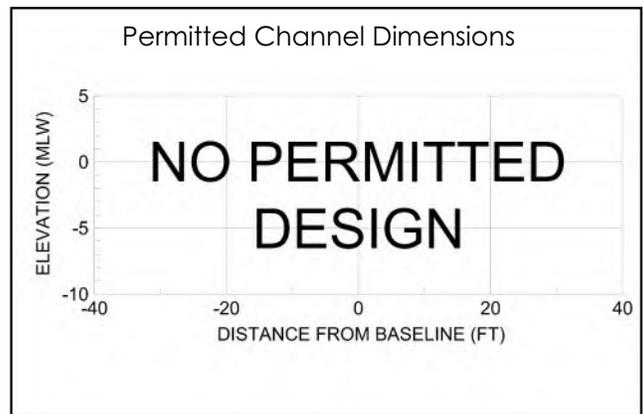
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1357 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
<b>B-</b>	<b>D+</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Alignment shift completed

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	598 cy	SB Profile
2019	978 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.3 ft MLW at STA 0+21

# Canal 07A



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Channel re-aligned 6/5/2024.

## Nav. Score After Maintenance

Current → Completed  
 D+ → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**08**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK NO 2

Funding Category: Blue

Cross Streets: Norton St. / Marbury Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Dock/Lift, Overgrowth

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

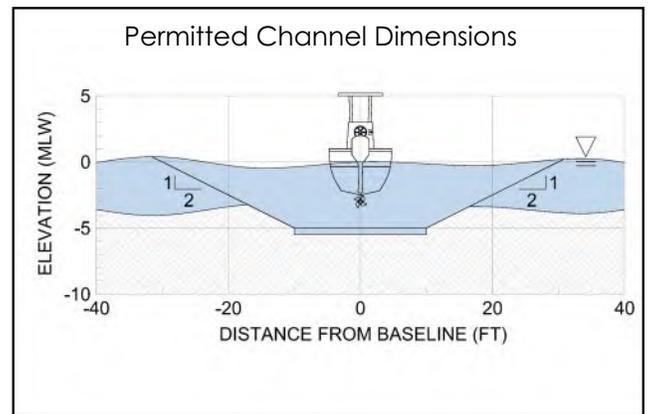
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 2065 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>C</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes: Combine with 8A

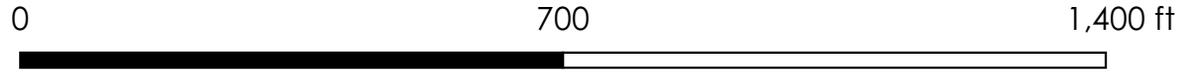
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	366 cy	SB Profile
2019	1,020 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.7 ft MLW at STA 17+70

# Canal 08



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**08A**



Canal Group: 1

Subdivision:

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Current, Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

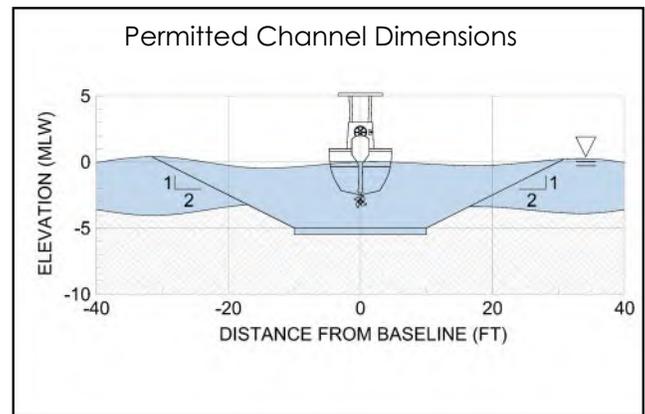
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration:

Length of Canal: 0 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>C-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Combine with Canal 8

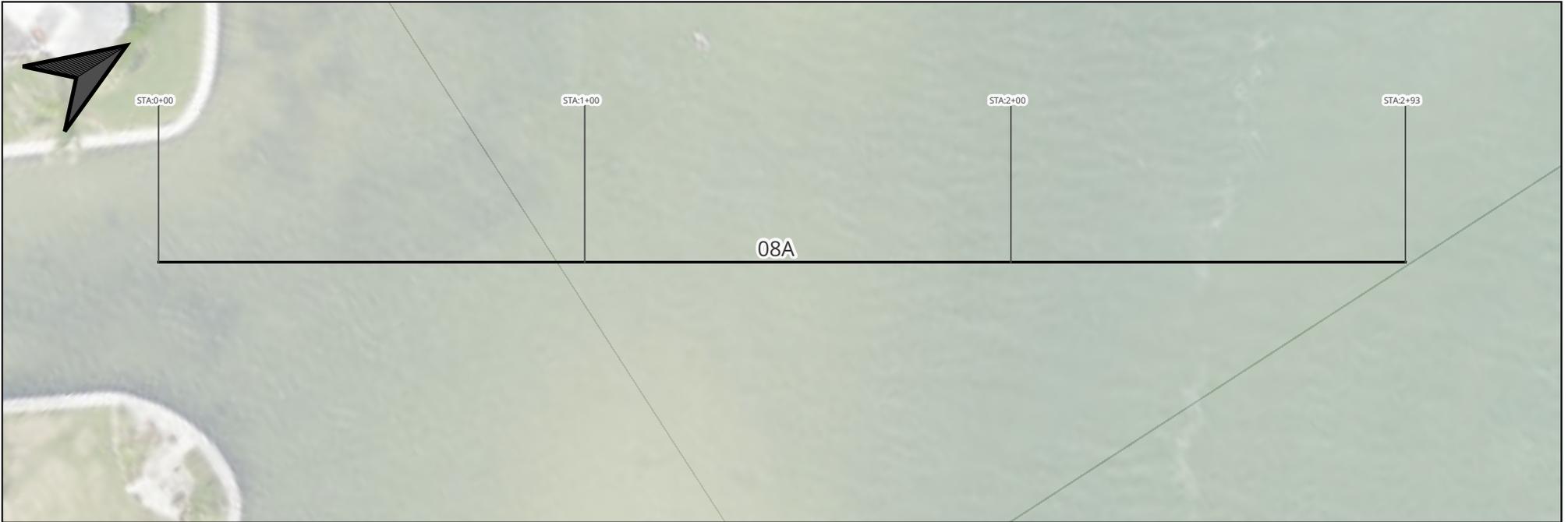
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	32 cy	SB Profile
2019	cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.7 ft MLW at STA 0+00

# Canal 08A



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Canal 8A has been combined with canal 8

## Nav. Score After Maintenance

Current → Completed  
 C- → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**09**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK NO 2

Funding Category: Blue

Cross Streets: Marbury Ln / Penfield St.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

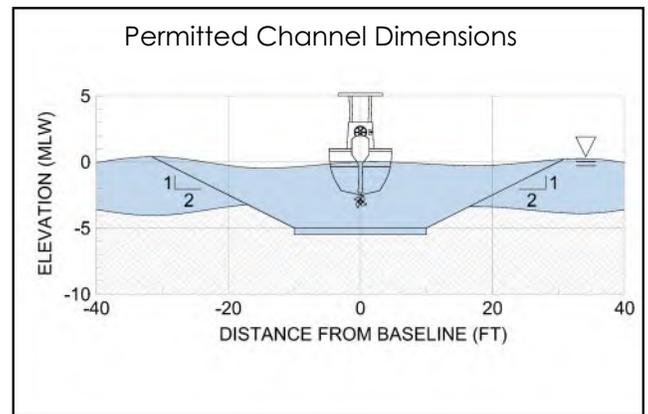
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1480 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>B-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

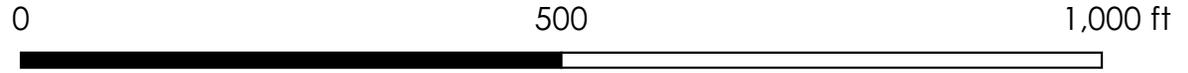
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	17 cy	SB Profile
2019	779 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.7 ft MLW at STA 13+60

# Canal 09



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B- → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**10**



Canal Group: 1

Subdivision: SLEEPY LAGOON PARK NO 3

Funding Category: Blue

Cross Streets: Penfield St.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 50%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Overgrowth

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

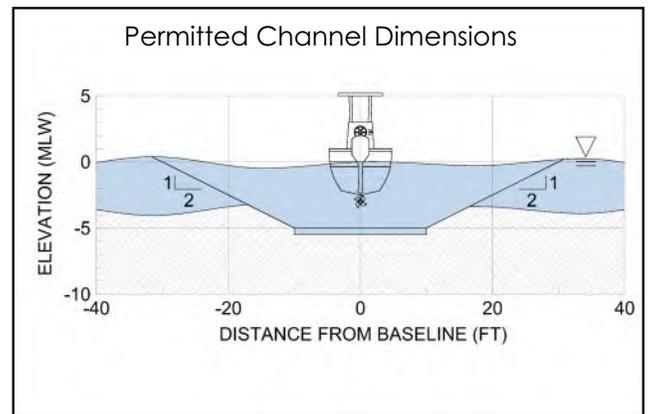
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1085 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>D</b>

Transiting: D - Conditionally Restricted

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	619 cy	SB Profile
2019	499 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.5 ft MLW at STA 10+70

# Canal 10



## Maintenance Plan

Maintained Width: 15 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Channel re-alignment 6/5/2024

## Nav. Score After Maintenance

Current → Completed  
 D → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**11**



Canal Group: 2

Subdivision: HARBOUR VILLA CLUB AT THE BUCCANEER / Dream Island

Funding Category: Blue

Cross Streets: Dream Island Pl. / Dream Island Rd.

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 60%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

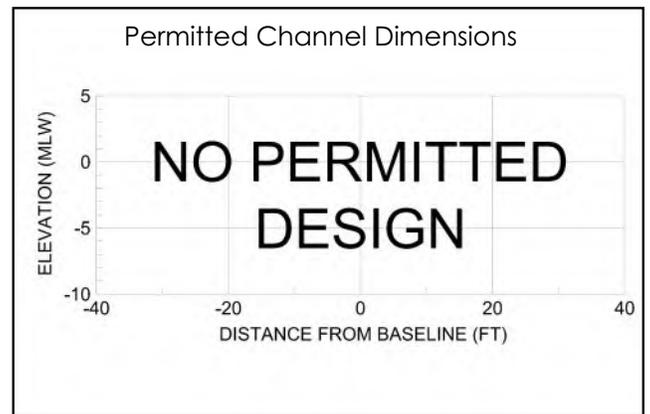
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 2192 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>C-</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: Adequate

Notes:

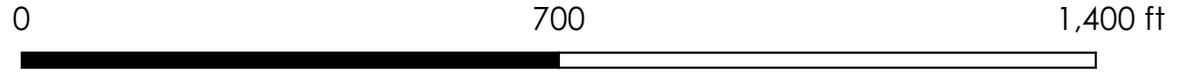
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	2 cy	SB Profile
2019	1,747 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.9 ft MLW at STA 2+57

# Canal 11



## Maintenance Plan

Maintained Width: 40 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C- → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**11A**



Canal Group: 2

Subdivision: DREAM ISLAND

Funding Category:  
Red/Bue

Cross Streets: Dream Island Rd.

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 30%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

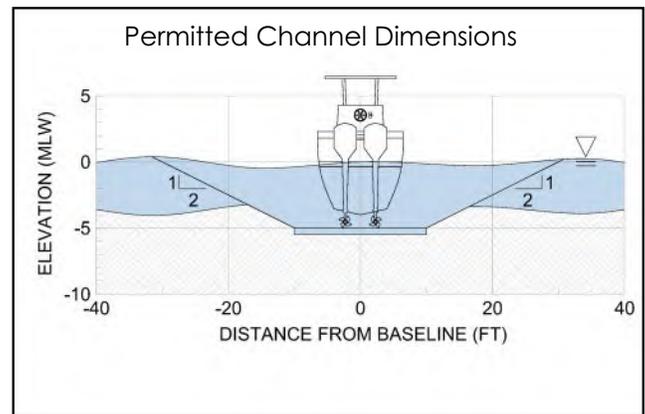
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 2641 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>C+</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: Adequate

Notes: Recommend adjusting most inbound marker location (Southeastern most)

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	44 cy	SB Profile
2019	2,123 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.5 ft MLW at STA 0+15

# Canal 11A



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Consider deeper/wider design in the future

## Nav. Score After Maintenance

Current → Completed  
 C+ → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**11B**



Canal Group: 2

Subdivision: HARRIS BAYOU

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 60%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: None

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

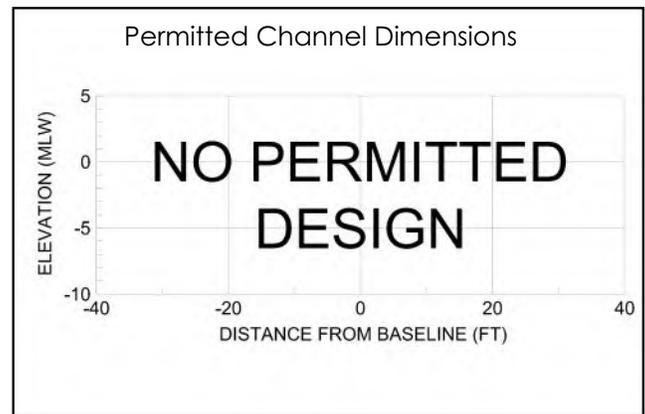
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 405 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>A-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

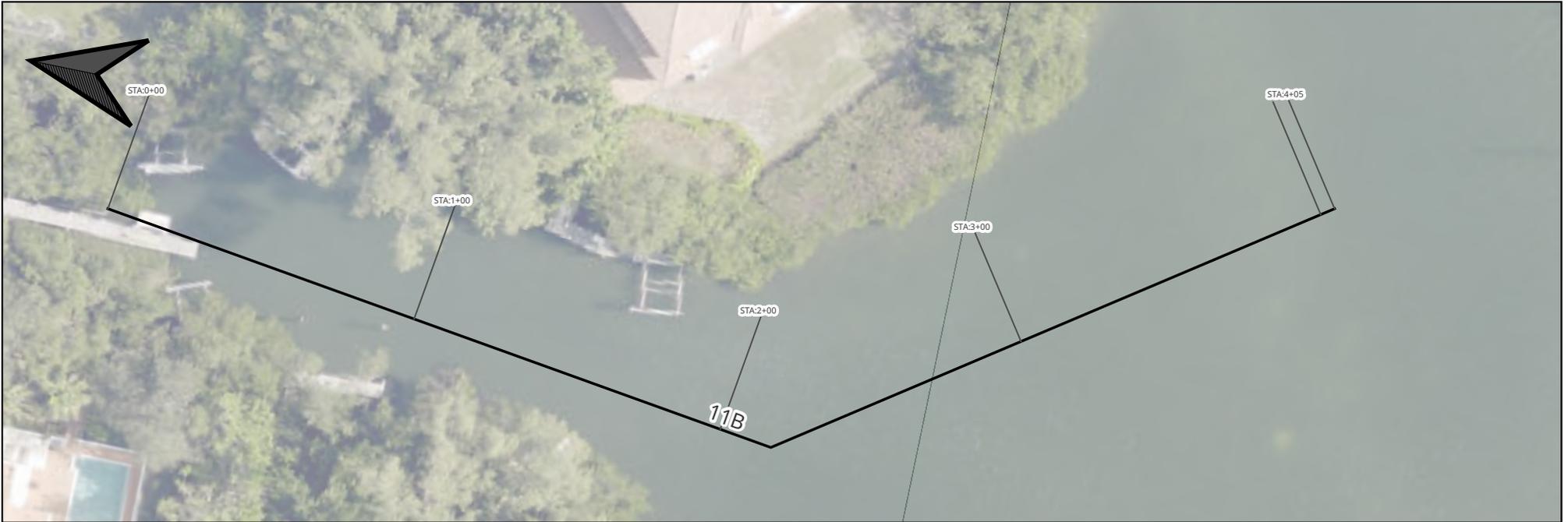
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	18 cy	SB Profile
2019	543 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.7 ft MLW at STA 0+57

# Canal 11B



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Could alter alignment for more gradual transition between 11 and 11B

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**11C**



Canal Group: 2                      Subdivision: HARRIS BAYOU  
 Funding Category: Blue              Cross Streets:

Existing Conditions:

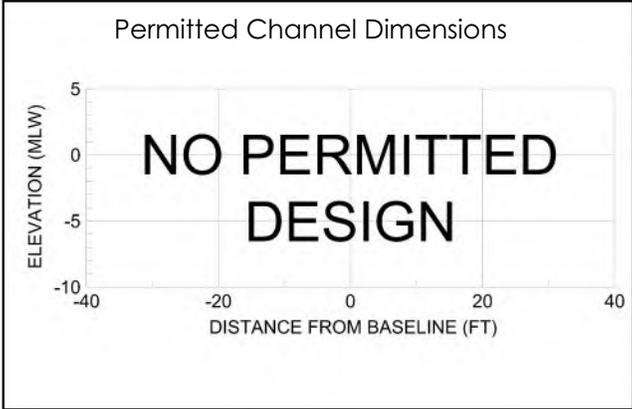
Primary Usage: Mooring/Dockage                      Avg Vessel Beam: 7 - 10 ft  
 Density of Water Access: 60%                      Avg Vessel Draft: 2 - 4 ft  
 Noted Damage to Structures: No                      Mapped Seagrass: None  
 Notable Exposures: Waves, Wind                      Mapped  
 Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A  
 Permit Width: N/A  
 Placement Area: N/A  
 Existing Permits: No Permit History  
 Permit Expiration: N/A  
 Length of Canal: 888 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>B</b>

Transiting: A - Unrestricted  
 Meeting/Overtaking: B - As expected  
 Maneuvering/docking: C - local knowledge  
 Marker Density: None

Notes:

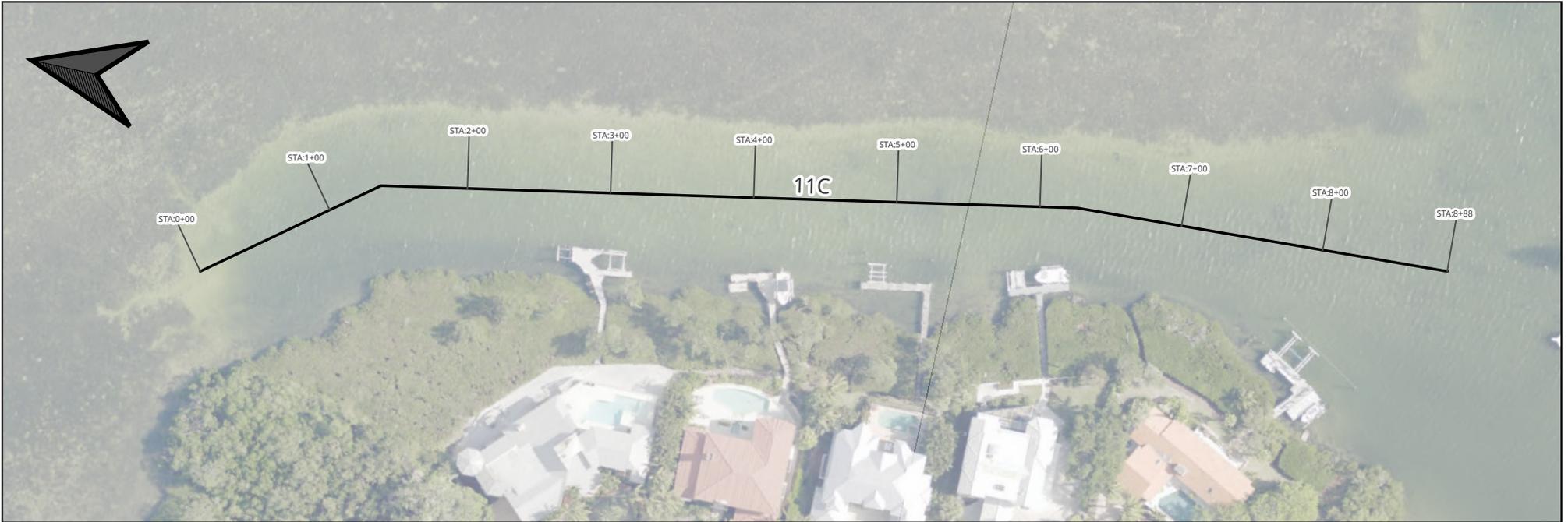
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	82 cy	SB Profile
2019	638 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.9 ft MLW at STA 4+40

# Canal 11C



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Channel between 0+00 and 2+00 should not be maintained

## Nav. Score After Maintenance

Current → Completed  
 B → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**11D**



Canal Group: 2

Subdivision: HARRIS BAYOU

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: None

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

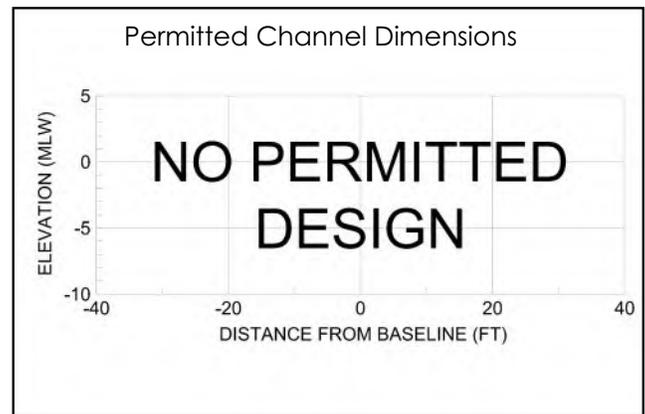
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 615 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
A-	A-

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	14 cy	SB Profile
2019	209 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.5 ft MLW at STA 0+13

# Canal 11D



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 12



Canal Group: 2

Subdivision: DREAM ISLAND

Funding Category: Blue

Cross Streets: Dream Island Rd. / Emerald Harbor Dr.

## Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Wind

Impediments: None

Avg Vessel Beam: 10+ ft

Avg Vessel Draft: 4+ ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -5 MLW

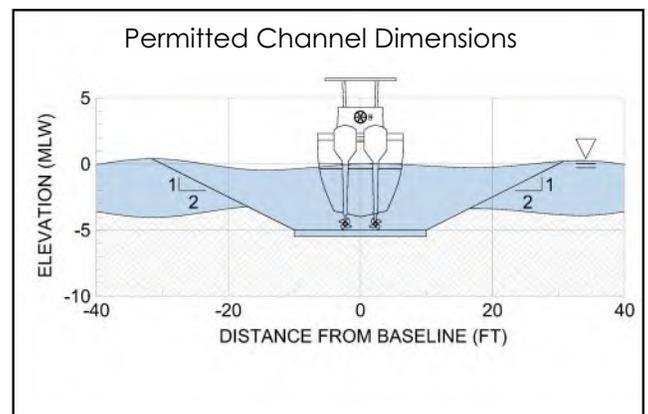
Permit Width: 20 Ft

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1686 ft



Last Maintained: xx-xxxx

## Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>C-</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

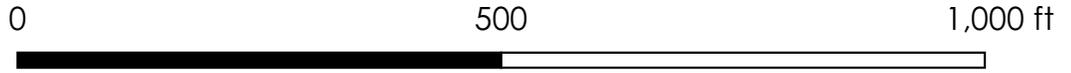
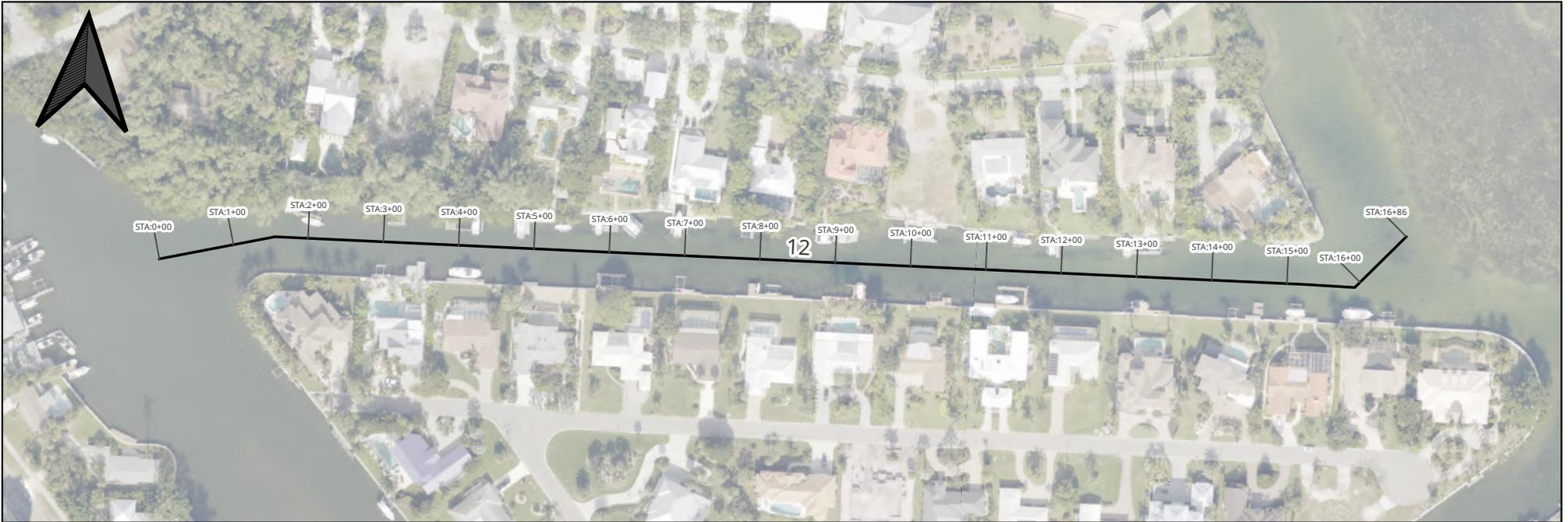
### Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,416 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.9 ft MLW at STA 8+75

# Canal 12



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C- → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**13**



Canal Group: 2

Subdivision: EMERALD HARBOR

Funding Category: Blue

Cross Streets: Emerald Harbor Dr. / Old Compass Rd.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Wind

Impediments: None

Avg Vessel Beam: 10+ ft

Avg Vessel Draft: 4+ ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

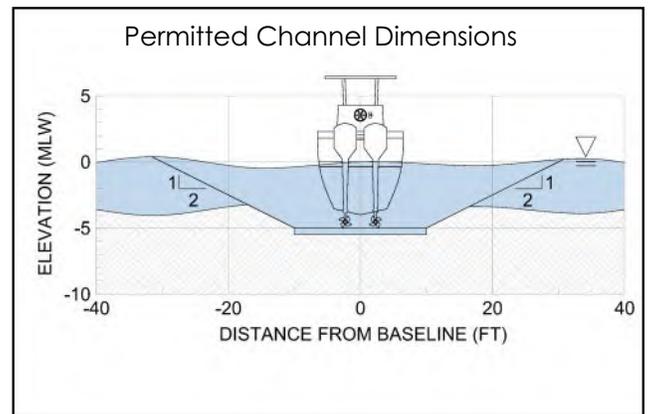
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1319 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>B-</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

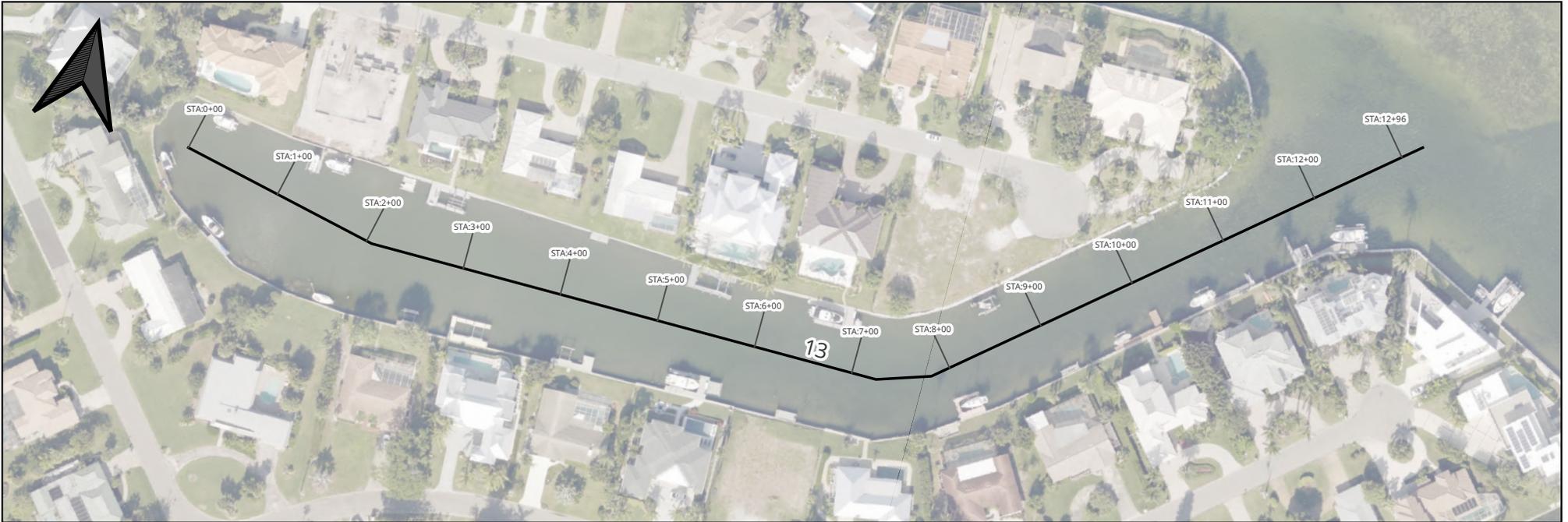
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,233 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.9 ft MLW at STA 0+00

# Canal 13



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B- → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**14**



Canal Group: 2

Subdivision: EMERALD HARBOR

Funding Category: Blue

Cross Streets: Old Compass Rd. / Binnacle Point Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Wind

Impediments: None

Avg Vessel Beam: 10+ ft

Avg Vessel Draft: 4+ ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

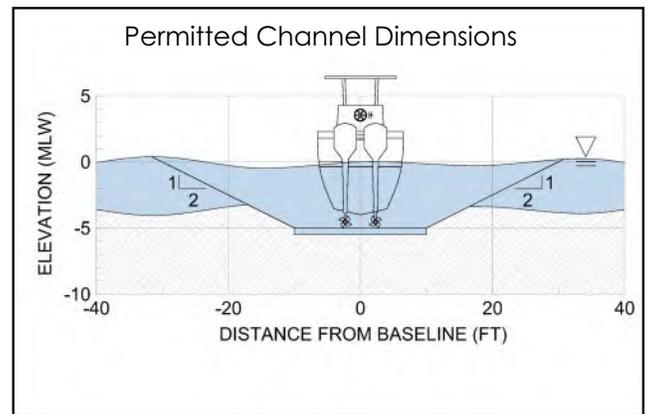
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: 7/20/2026

Length of Canal: 1488 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

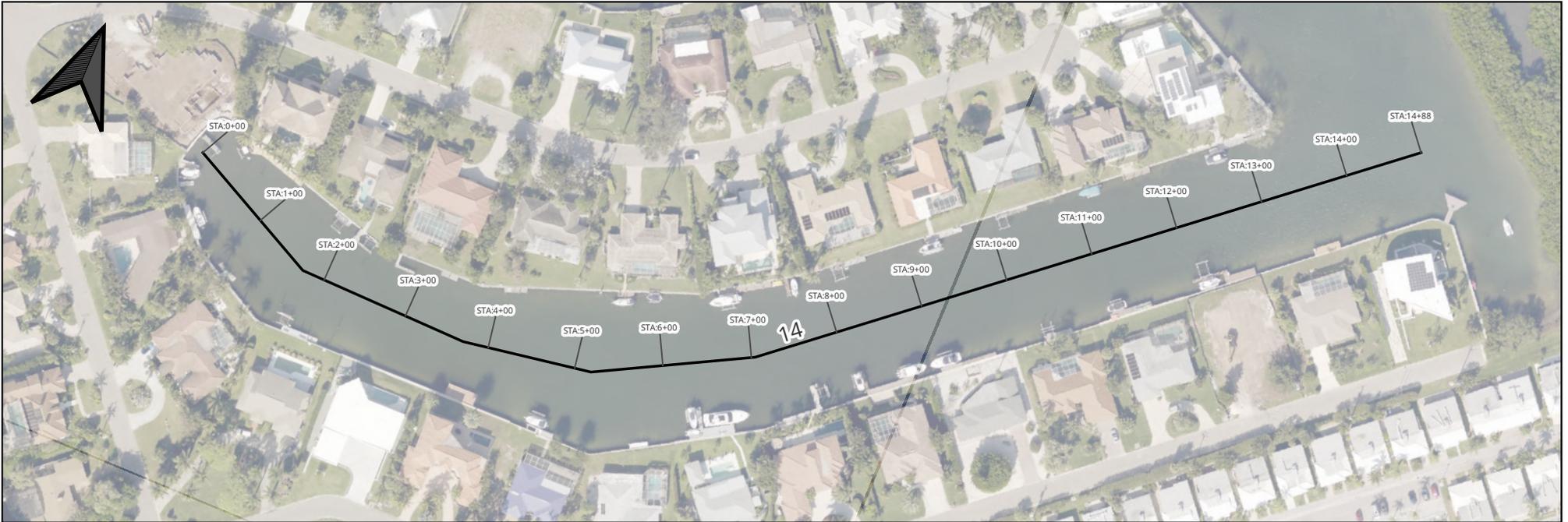
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,499 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -5.9 ft MLW at STA 0+41

# Canal 14



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B- → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**14B**



Canal Group: 2

Subdivision: SPANISH MAIN YACHT CLUB

Funding Category: Blue

Cross Streets: Spanish Dr. N. / Spanish Dr. S.

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 10+ ft

Density of Water Access: 90%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

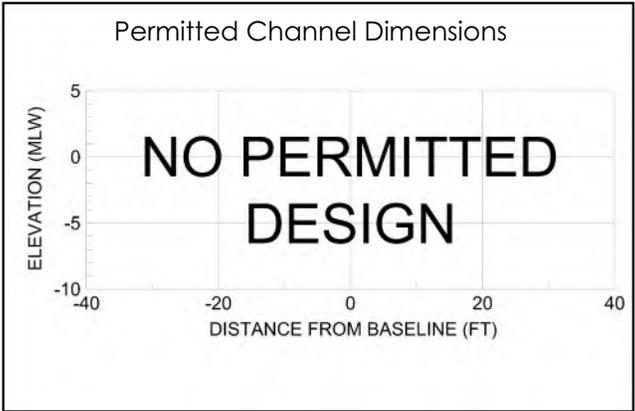
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1260 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: Adequate

Notes:

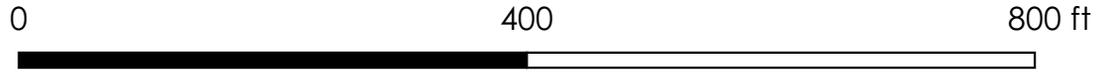
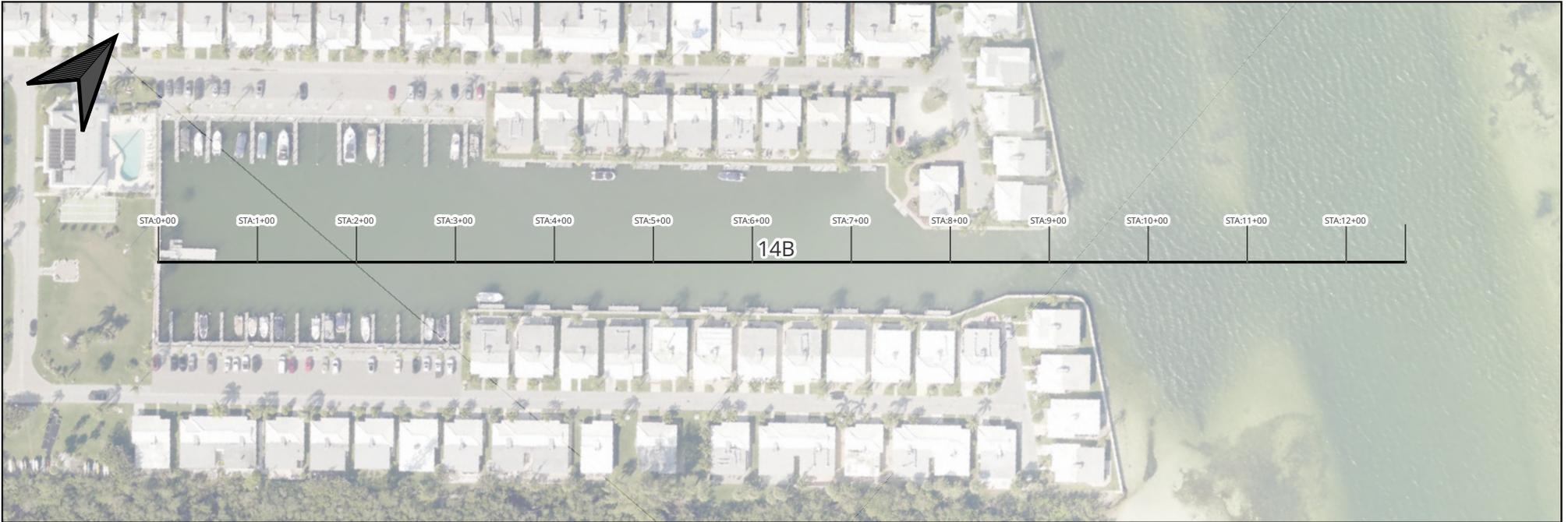
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,072 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.8 ft MLW at STA 8+70

# Canal 14B



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	A - Unrestricted
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**15N**



Canal Group: 2

Subdivision: Grand Mariner On Longboat Key / SLEEPY LAGOON

Funding Category: Blue

Cross Streets: Dream Island Pl.

**Existing Conditions:**

Primary Usage: Mooring/Dockage  
 Density of Water Access: 90%  
 Noted Damage to Structures: No  
 Notable Exposures: None  
 Impediments: None

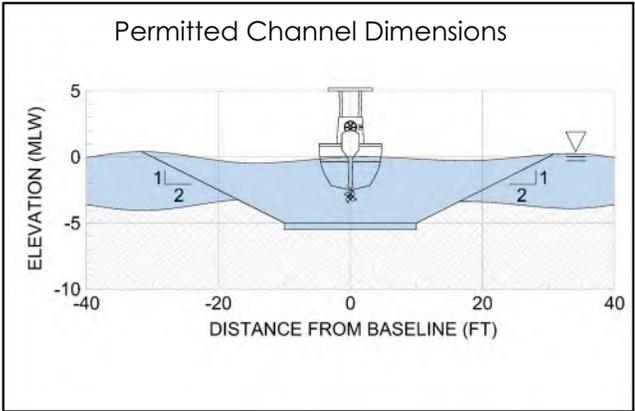
Avg Vessel Beam: 7 - 10 ft  
 Avg Vessel Draft: 2 - 4 ft  
 Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW  
 Permit Width: 20 FT  
 Placement Area: N/A  
 Existing Permits: FDEP: 58-01637883-001  
 Permit Expiration: 3/30/2005  
 Length of Canal: 816 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>B</b>

Transiting: B - As expected  
 Meeting/Overtaking: B - As expected  
 Maneuvering/docking: B - As expected  
 Marker Density: None

Notes:

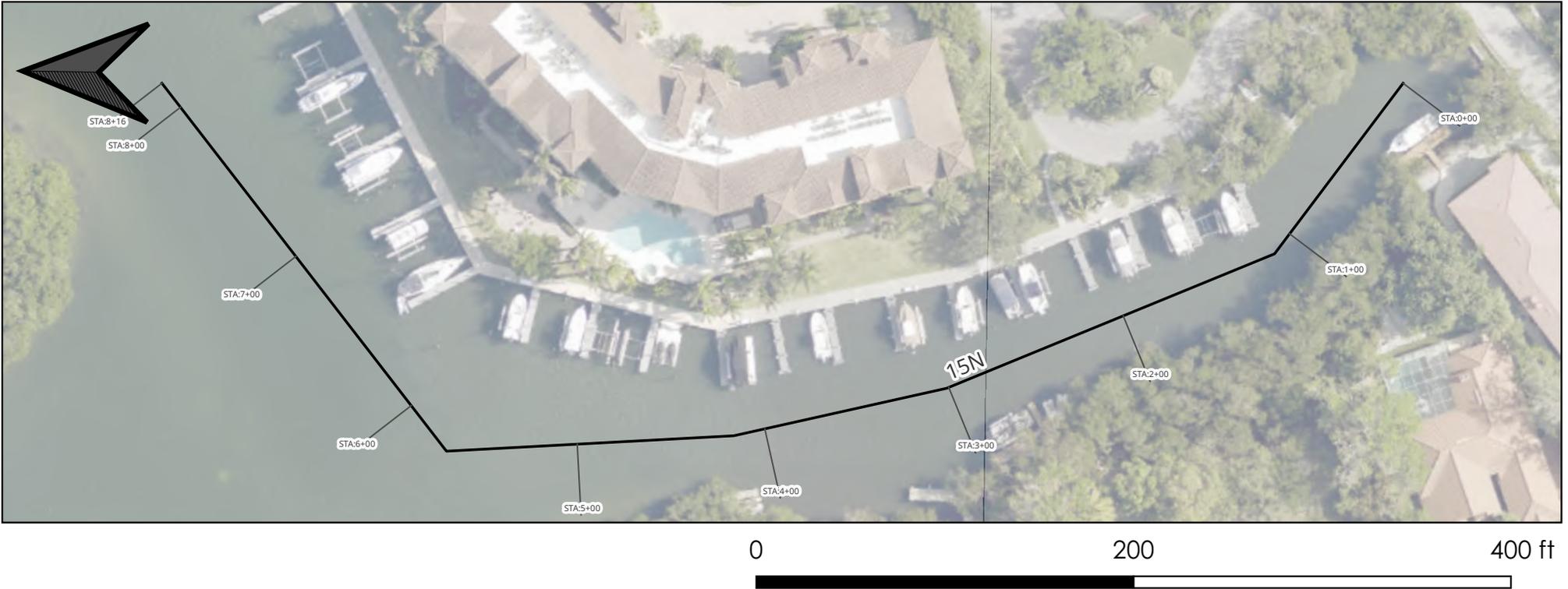
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	28 cy	SB Profile
2019	356 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.3 ft MLW at STA 1+00

# Canal 15N



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**15S**



Canal Group: 2

Subdivision: EMERALD HARBOR

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. / Binnacle Point Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

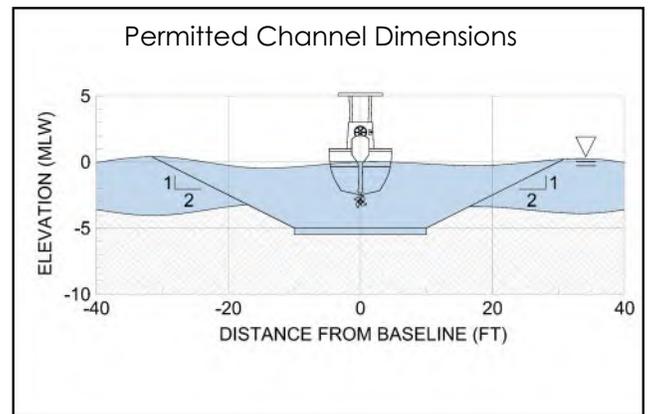
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1753 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>A-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

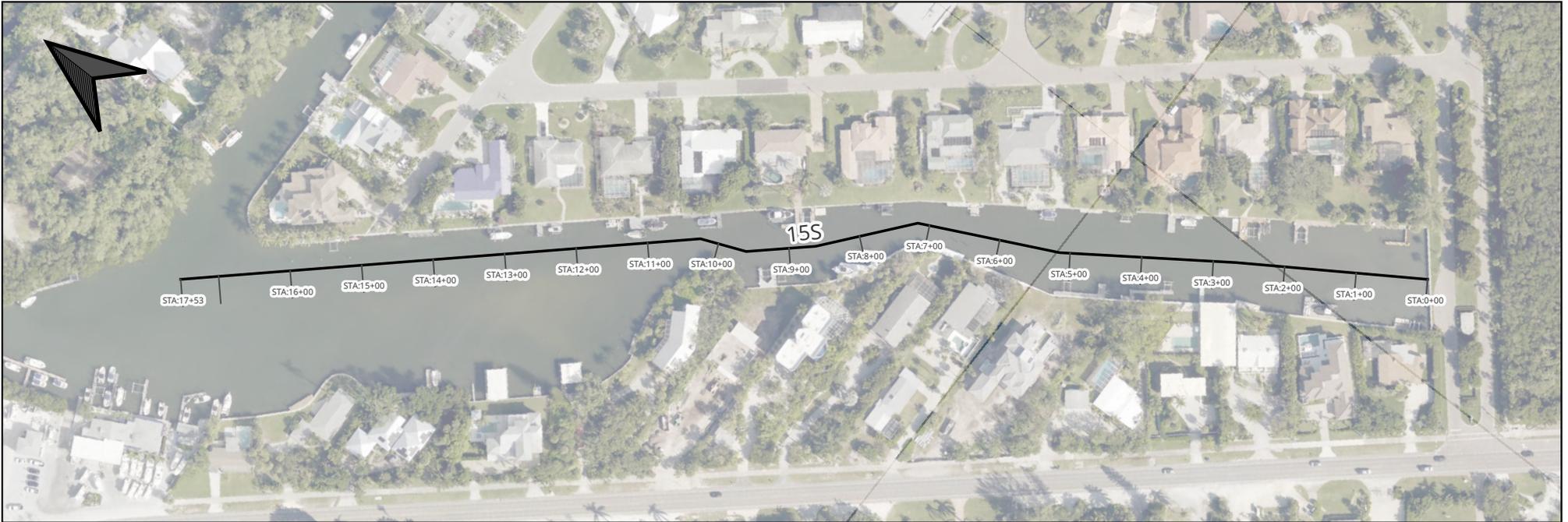
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	977 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -5 ft MLW at STA 9+87

# Canal 15S



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**15W**



Canal Group: 2

Subdivision: EMERALD HARBOR

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 90%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None  
Mapped

Notable Exposures: Wind

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

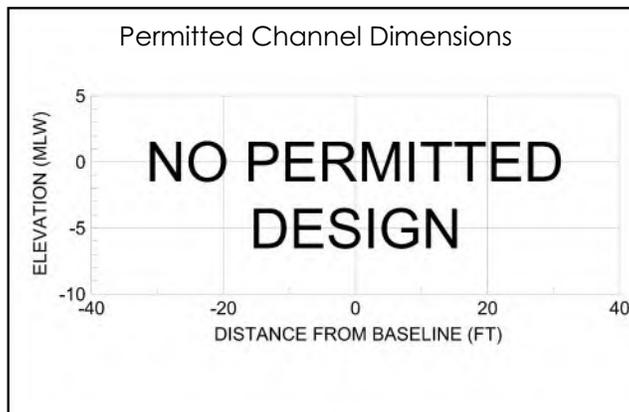
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1036 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>D</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

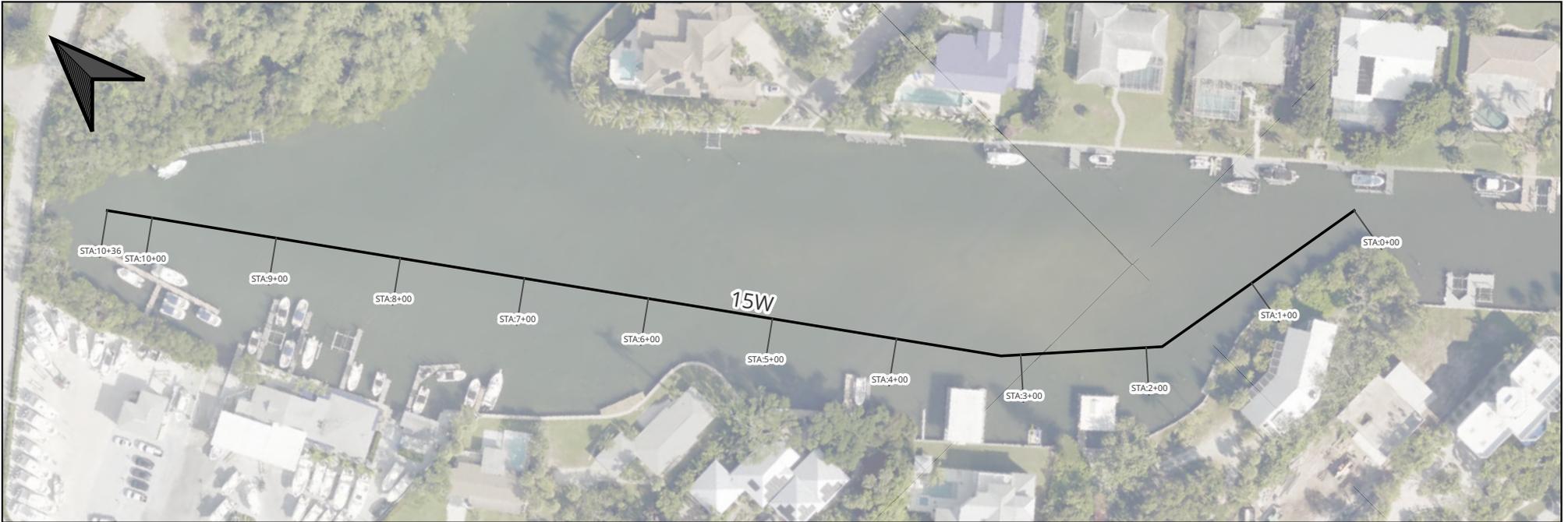
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	102 cy	SB Profile
2019	917 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.1 ft MLW at STA 8+15

# Canal 15W



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Recommend maintaining a basin around the marina

## Nav. Score After Maintenance

Current → Completed  
 D → C+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	A - Unrestricted
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**16**



Canal Group: 2

Subdivision: CEDARS EAST CONDO / LONGBOAT KEY

Funding Category: Blue

Cross Streets: Evergreen Way / Jungle Queen Way

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Overgrowth, Shoal

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

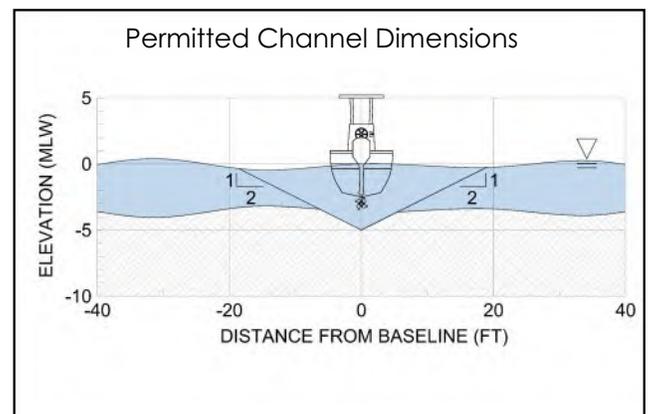
Permit Width: V Cut

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1730 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>D-</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Significant mangrove growth impeding navigation, shoal present at canal entrance

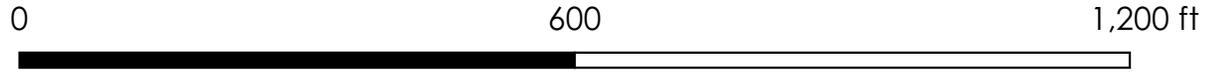
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	857 cy	SB Profile
2019	630 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -0.9 ft MLW at STA 14+00

# Canal 16



## Maintenance Plan

Maintained Width: V cut  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Mangrove trimming required for adequate survey data collection, recommend increasing maintained width for improved level of service

## Nav. Score After Maintenance

Current → Completed  
 D- → C+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	D - Conditionally Restricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**16A**



Canal Group: 2

Subdivision: LONGBOAT KEY

Funding Category: Blue

Cross Streets: Bayside Perimeter Canal Surrounding Evergreen Way / Jungle Queen Way / Tarawitt Dr. / Saint Judes Dr. N / Saint Judes Dr. S.

**Existing Conditions:**

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

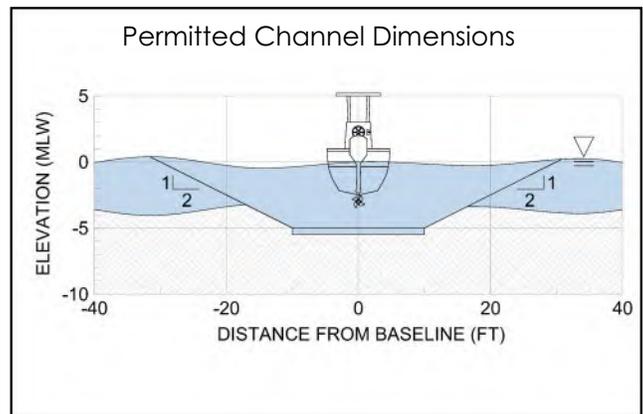
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: WCIND: 62-341.490

Permit Expiration: Needs Approval per Event

Length of Canal: 642 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes: Actual route used by boaters is closer to bulkhead - approximately 20 feet west

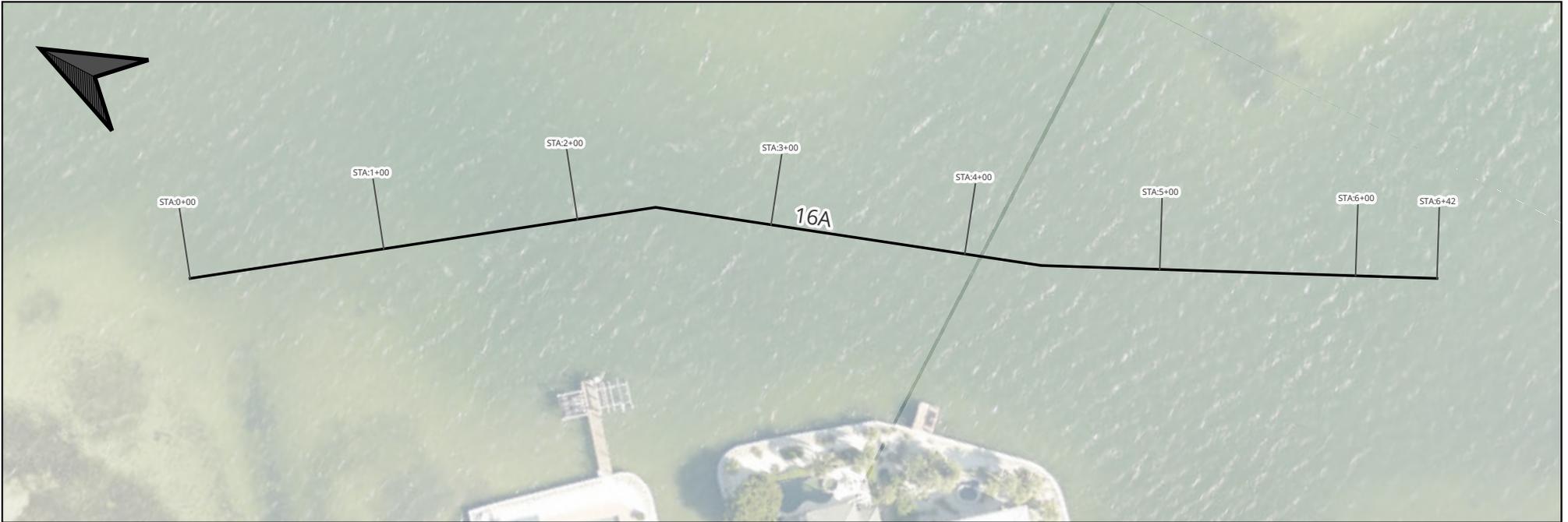
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	712 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -5.5 ft MLW at STA 0+00

# Canal 16A



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: None

## Nav. Score After Maintenance

Current  $\Rightarrow$  Completed  
 B+  $\Rightarrow$  B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 17



Canal Group: 2

Subdivision: LONGBOAT KEY

Funding Category: Blue

Cross Streets: Jungle Queen Way / Tarawitt Dr.

## Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -3 MLW

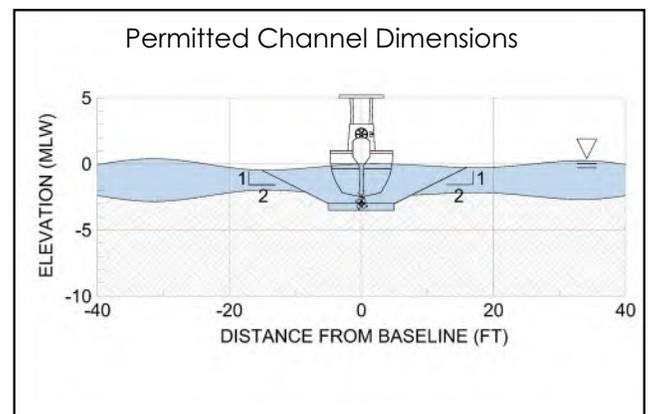
Permit Width: 10 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 2351 ft



Last Maintained: xx-xxxx

## Navigation Score

### Canal Nav Score

Max with Current Design

Current Score

D

D-

Transiting: D - Conditionally Restricted

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Shoal at entrance

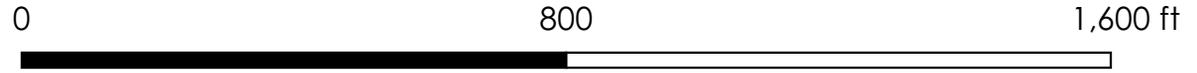
### Survey Info

Survey Date	Volume	Survey Type
Mar 2024	38 cy	SB Profile
2019	913 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3 ft MLW at STA 21+25

# Canal 17



## Maintenance Plan

Maintained Width: 10 FT  
 Maintained Depth: -3.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -2.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Recommend expanding to 4 ft depth during future projects

## Nav. Score After Maintenance

Current → Completed  
 D- → D

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 C - local knowledge

Meeting  
 D - Conditionally Restricted

Maneuvering  
 F - Not Navigable

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**18**



Canal Group: 2

Subdivision: LONGBOAT KEY

Funding Category: Blue

Cross Streets: Tarawitt Dr. / Saint Judes Dr. N

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: Yes - Bowing Seawalls

Mapped Seagrass: Yes

Notable Exposures: Waves, Wind

Impediments: Dock/Lift, Overgrowth, Shoal

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -3 MLW

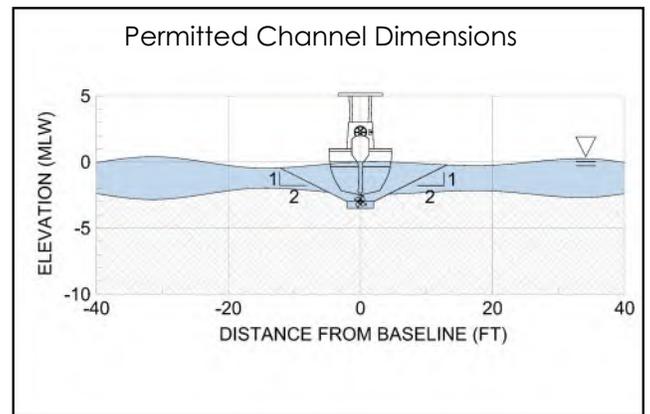
Permit Width: 4 FT and V Cut

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001 /41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 2001 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
D	F

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Could not navigate to end of canal due to shoaling and organics. Bowing seawalls.

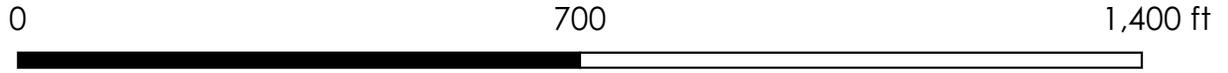
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	313 cy	SB Profile
2019	554 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.1 ft MLW at STA 17+70

# Canal 18



## Maintenance Plan

Maintained Width: 10 FT  
 Maintained Depth: -3.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -2.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Recommend expanding maintained width at "basins" to improve meeting and docking ability

## Nav. Score After Maintenance

Current → Completed  
 F → D

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	B - As expected
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	D - Conditionally Restricted
	<u>Maneuvering</u>
	F - Not Navigable

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**19**



Canal Group: 2

Subdivision: LONGBOAT KEY

Funding Category: Blue

Cross Streets: Saint Judes Dr. N. / Saint Judes Dr. S.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -4.5 MLW

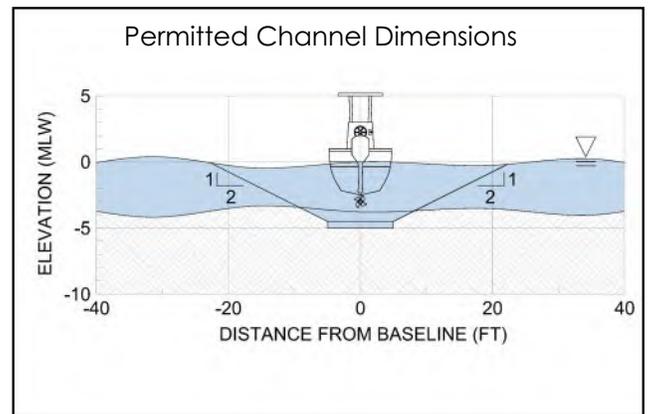
Permit Width: 10 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1642 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
D+	D-

Transiting: D - Conditionally Restricted

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Shoal at Entrance

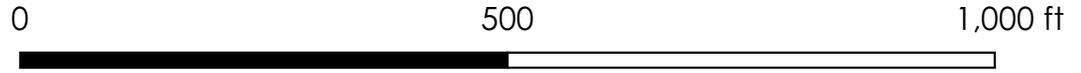
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	770 cy	SB Profile
2019	696 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.8 ft MLW at STA 13+60

# Canal 19



## Maintenance Plan

Maintained Width: 10 FT  
 Maintained Depth: -4.50 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.25 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 D- → D+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	B - As expected
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	C - local knowledge
	<u>Maneuvering</u>
	F - Not Navigable

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 20



Canal Group: 3

Subdivision: BAILEY-DOBSON

Funding Category: Blue

Cross Streets: Gulf Bay Rd.

## Existing Conditions:

Primary Usage: Recreation

Density of Water Access: 0%

Noted Damage to Structures: No

Notable Exposures: Obstacle, Waves, Wind

Impediments: Overgrowth, Seagrass, Shoal, Structure (revetment, Breakwater, etc)

Avg Vessel Beam: <7 ft

Avg Vessel Draft: <2 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -5 MLW

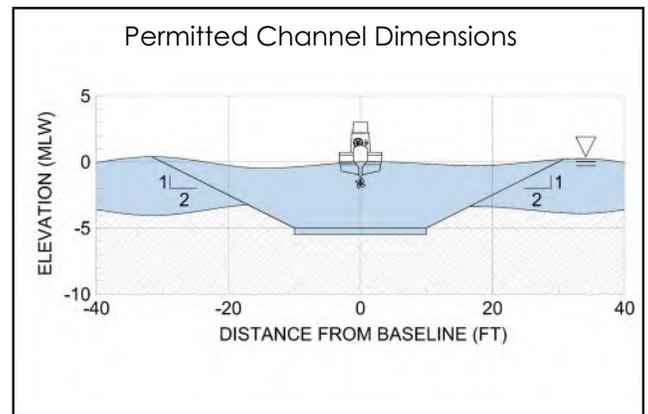
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: Needs Approval per Event

Length of Canal: 496 ft



Last Maintained: xx-xxxx

## Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>F</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Cannot access channel. Recommend removing from program

## Survey Info

Survey Date	Volume	Survey Type
Mar 2024	779 cy	SB Profile
2019	90 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -0.8 ft MLW at STA 4+82

# Canal 20



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After Maintenance

Current → Completed  
 F → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**20A**



Canal Group: 3

Subdivision: BAILEY-DOBSON

Funding Category: Red

Cross Streets: Extension of 20 (open water canal) but Gulf Bay Rd.

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

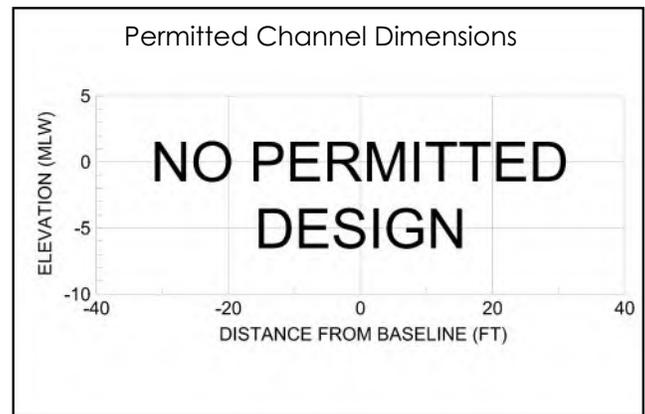
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1365 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>D-</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Recommend adding markers if canal will be maintained. Inaccessible at low tide

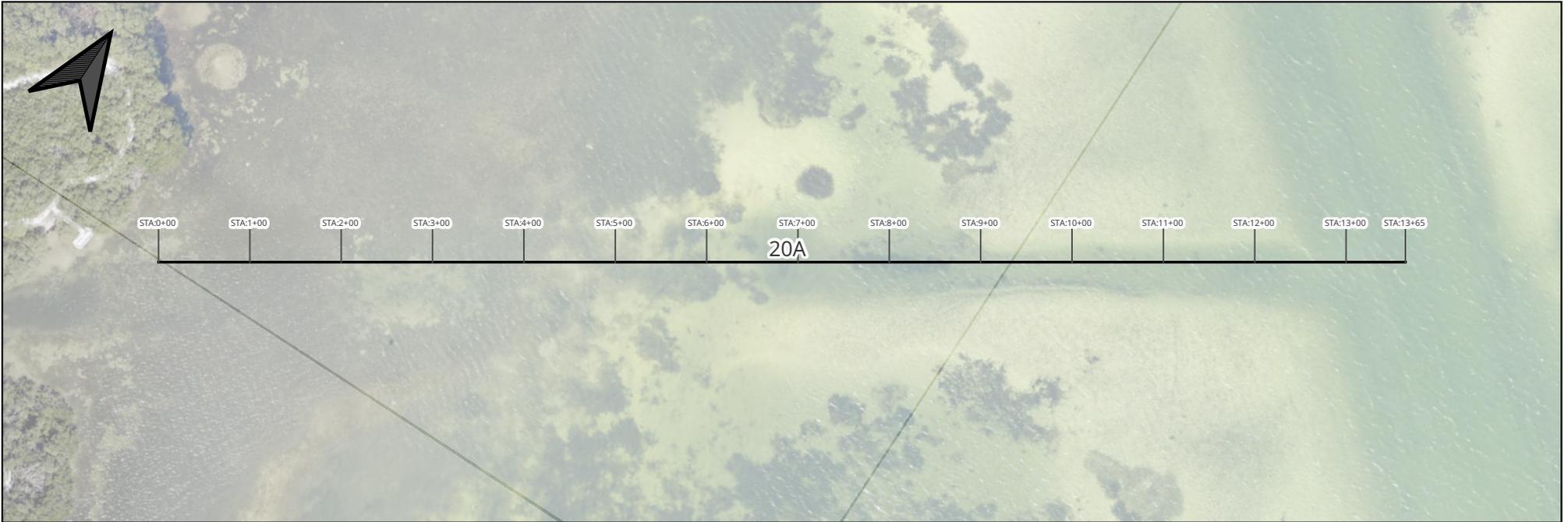
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,822 cy	SB Profile
2019	494 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -0.6 ft MLW at STA 0+00

# Canal 20A



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After Maintenance

Current → Completed  
 D- → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**20P**



Canal Group: 3

Subdivision: SANDHAMN

Funding Category: Blue

Cross Streets: Gulf Bay Rd. / SandHamn Pl.

**Existing Conditions:**

Primary Usage: Recreation

Density of Water Access: 0%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Seagrass, Shoal

Avg Vessel Beam: <7 ft

Avg Vessel Draft: <2 ft

Mapped Seagrass: None  
Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 and -3 MLW

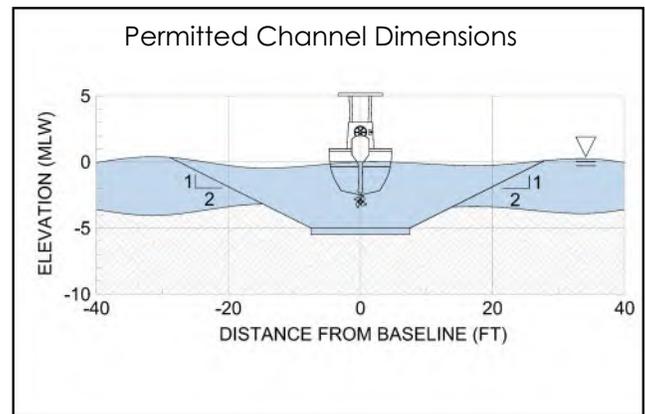
Permit Width: 15 FT and V Cut

Placement Area: N/A

Existing Permits: FDEP: 41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 1556 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>C</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: No notable channel

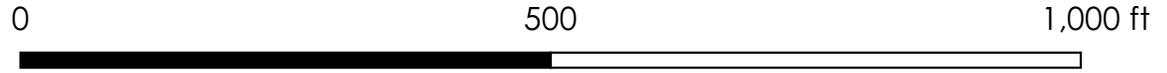
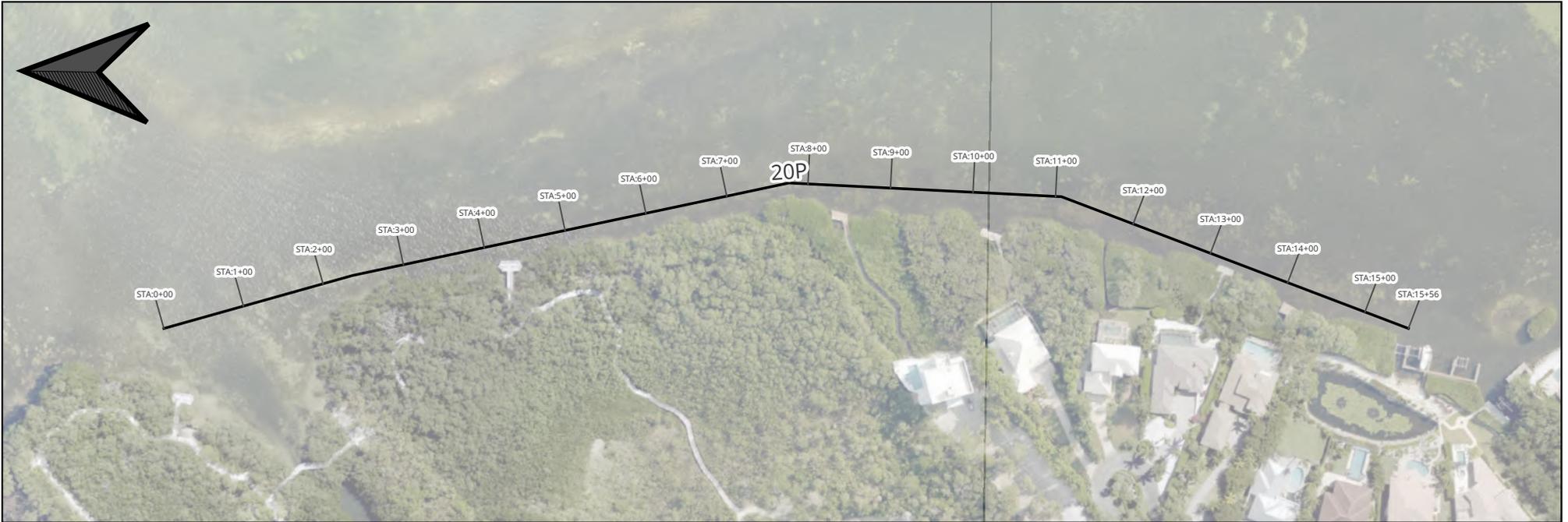
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	4,131 cy	SB Profile
2019	650 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -0.5 ft MLW at STA 0+40

# Canal 20P



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After Maintenance

Current → Completed  
 C → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: No  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 21



Canal Group: 3

Subdivision: SANDHAMN

Funding Category: Blue

Cross Streets: Sandhamn Pl.

## Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 0%

Noted Damage to Structures:

Notable Exposures: None

Impediments: Overgrowth, Seagrass, Shoal

Avg Vessel Beam:

Avg Vessel Draft:

Mapped Seagrass: None  
Mapped

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -5 MLW

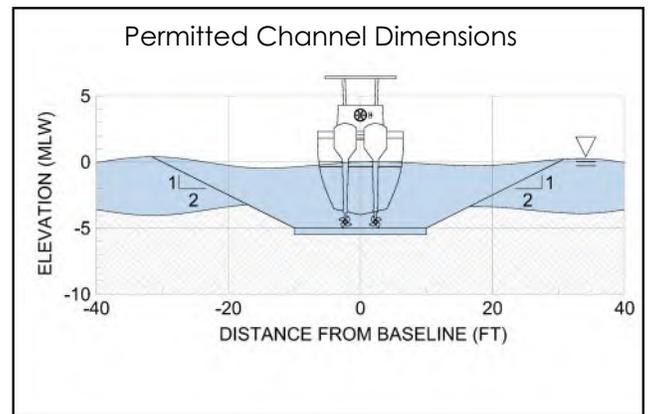
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: 7/20/2026

Length of Canal: 235 ft



Last Maintained: xx-xxxx

## Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>F</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Inaccessible due to overgrowth and shoaling

## Survey Info

Survey Date	Volume	Survey Type
Mar 2024	126 cy	SB Profile
2019	58 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.2 ft MLW at STA 1+90

# Canal 21



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After Maintenance

Current → Completed  
 F → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**21A**



Canal Group: 3

Subdivision: LONGBOAT LANDINGS CONDO / McCall's BEACH CASTLE

Funding Category: Red

Cross Streets: Gulf of Mexico Dr. (No name for condo street)

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: Waves, Wind

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

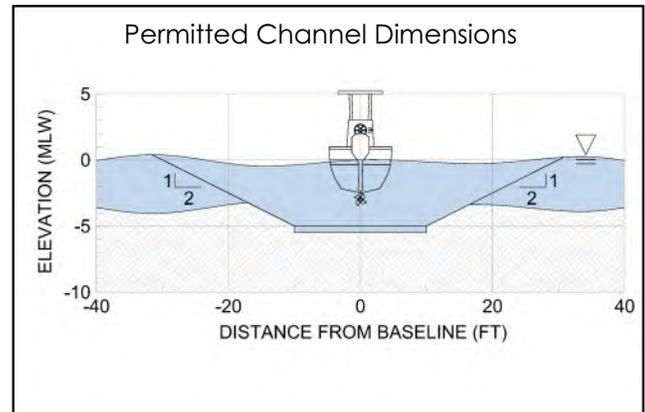
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001 / 41-0380753-001- EI

Permit Expiration: 9/18/2025

Length of Canal: 1034 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: Dense

Notes: No signs on markers

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,045 cy	SB Profile
2019	381 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.2 ft MLW at STA 1+30

# Canal 21A



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Consider offsetting level of service with 22A

## Nav. Score After Maintenance

Current → Completed  
 C → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: No  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**21P**



Canal Group: 3

Subdivision: BANYAN BAY CLUB / LONGBOAT KEY / PELTON PLACE / WHITE SANDS OF LONGBOAT

Funding Category: Green

Cross Streets: Gulf of Mexico Dr. Perimeter

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 10%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: Waves, Wind

Impediments: Oyster Bar, Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

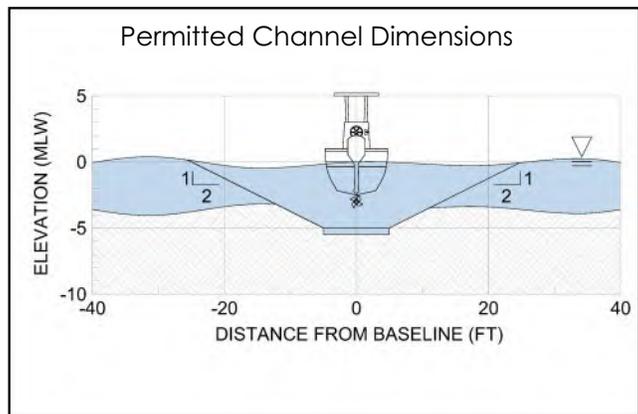
Permit Width: 10 FT and V Cut

Placement Area: N/A

Existing Permits: USACE: 20000050 / FDEP: 41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 3393 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>D-</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: No apparent channel, appears to be seagrass throughout.

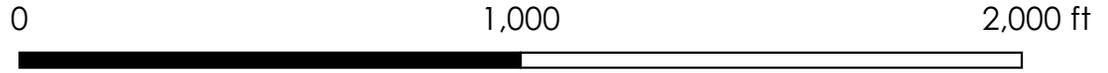
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	3,783 cy	SB Profile
2019	1,272 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.1 ft MLW at STA 22+50

# Canal 21P



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Evaluate alignment shift in the future with additional survey. Consider basin at north end to accommodate 21

## Nav. Score After Maintenance

Current → Completed  
 D- → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**22**



Canal Group: 3

Subdivision: LONGBOAT KEY

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. Perimeter

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

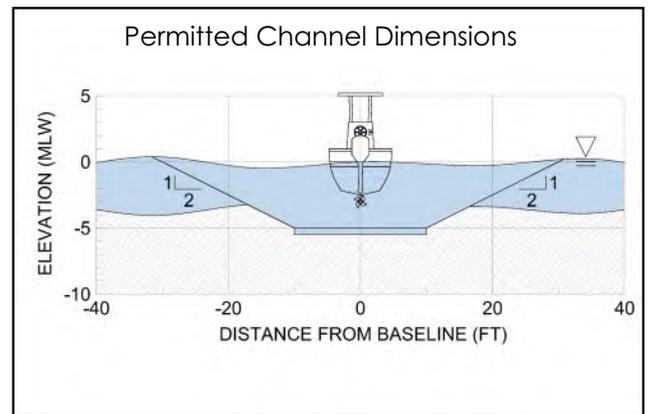
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 206 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C-</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

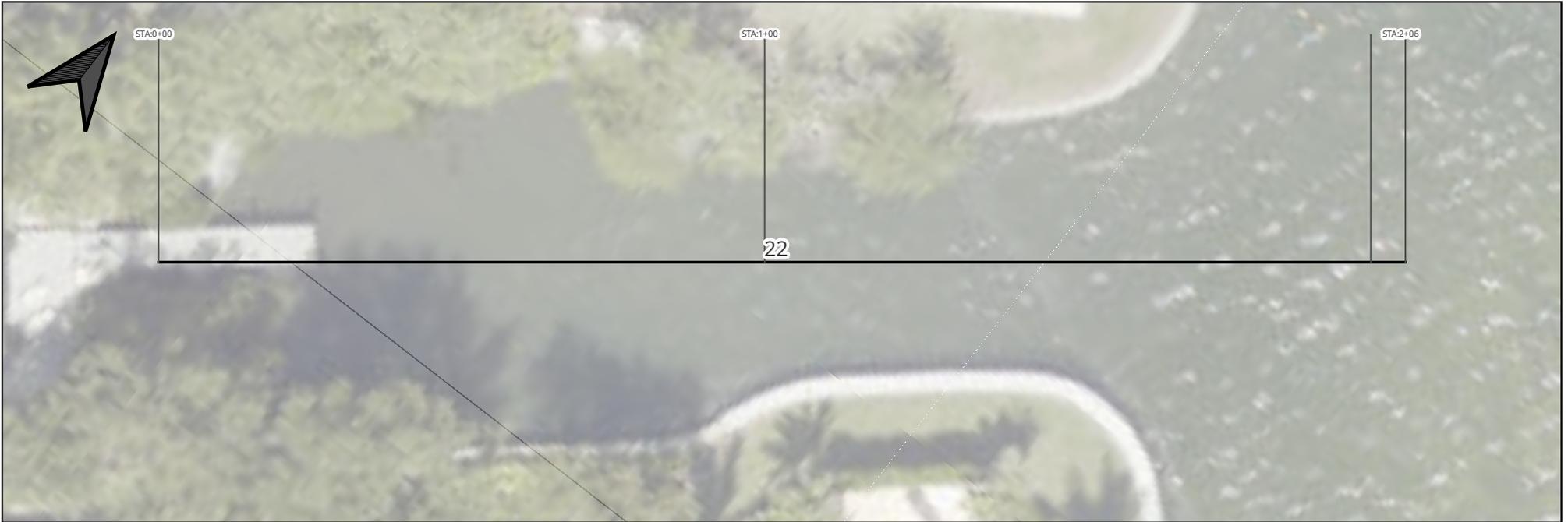
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	131 cy	SB Profile
2019	89 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.5 ft MLW at STA 0+35

# Canal 22



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Stations 0+00 to 0+40 not maintained by the Town

## Nav. Score After Maintenance

Current → Completed  
 C- → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**22A**



Canal Group: 3

Subdivision: LONGBOAT KEY

Funding Category: Red

Cross Streets: Deepwater Channel no real sidestreet but Gulf of Mexico Dr.

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: Waves, Wind

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

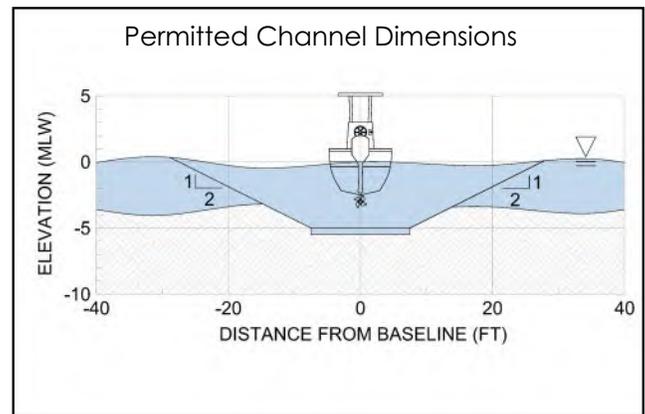
Permit Width: 15 FT

Placement Area: N/A

Existing Permits: USACE: 20000050 /FDEP: 41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 1407 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>D-</b>

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: Adequate

Notes: Marker sign missing. Shallow at low tide. Dense seagrass

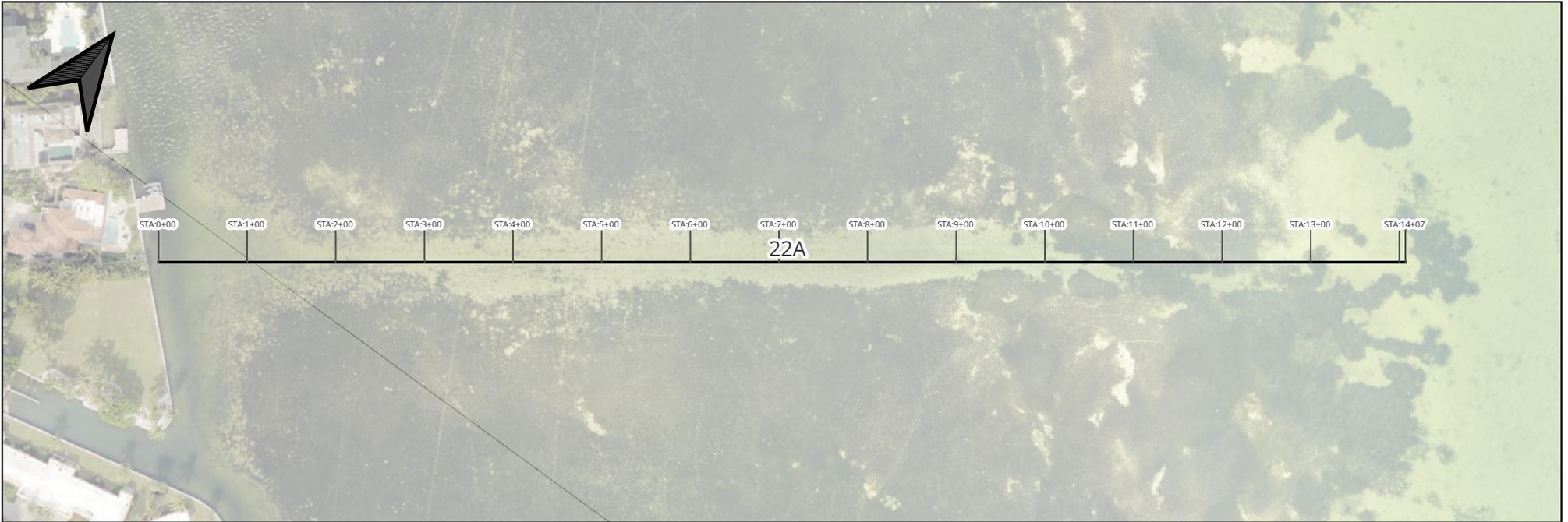
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	2,083 cy	SB Profile
2019	1,032 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.8 ft MLW at STA 12+00

# Canal 22A



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Consider offsetting level of service with 21A

## Nav. Score After Maintenance

Current → Completed  
 D- → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**22P**



Canal Group: 3

Subdivision: LONGBOAT KEY

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. Perimeter

Existing Conditions:

Primary Usage: Mooring/Dockage, Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

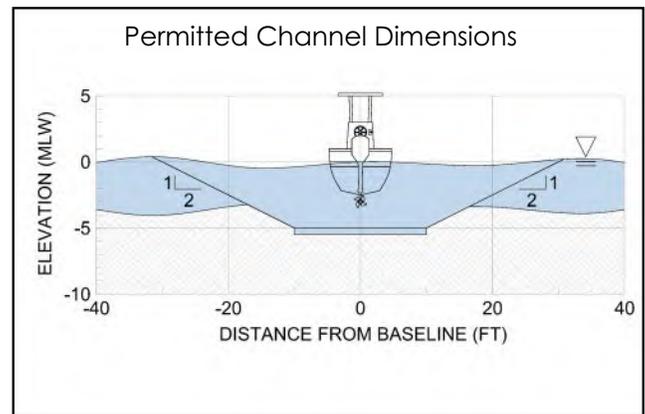
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 0 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes: Could combine with other perimeter canals (21P, 22P, 23P, 24P)

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	171 cy	SB Profile
2019	322 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4 ft MLW at STA 2+70

# Canal 22P



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Added to 21P

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**23**



Canal Group: 3

Subdivision: LONGBOAT KEY / WINDWARD BAY

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. Perimeter

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 60%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

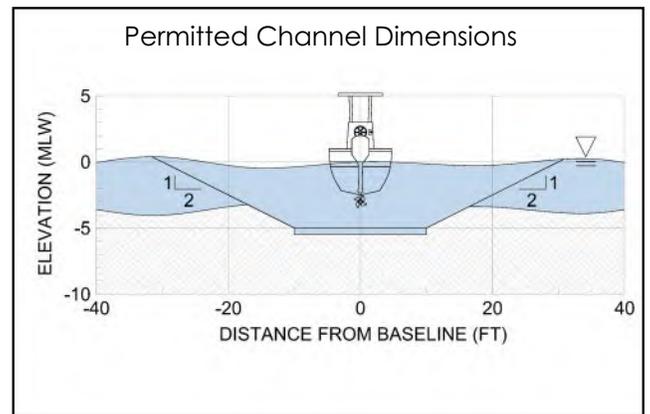
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 250 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Seagrass present

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	110 cy	SB Profile
2019	100 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.4 ft MLW at STA 0+40

# Canal 23



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Stations 0+00 to 0+55 not maintained by the Town

## Nav. Score After Maintenance

Current → Completed  
 B- → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**23P**



Canal Group: 3

Subdivision: WINDWARD BAY

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. Perimeter

Existing Conditions:

Primary Usage: Recreation, Transit

Density of Water Access: 0%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Seagrass, Shoal

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

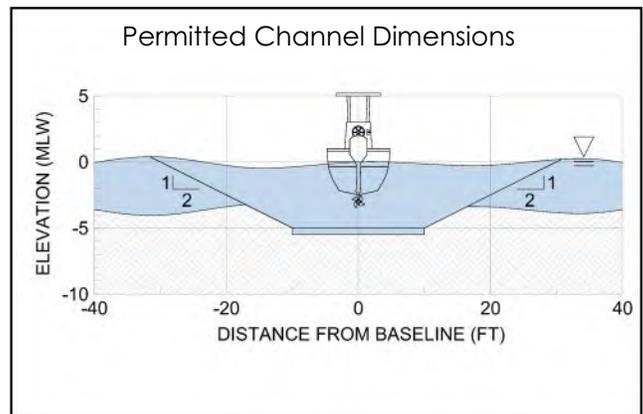
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 0 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Could combine with other perimeter canals (21P, 22P, 23P, 24P)

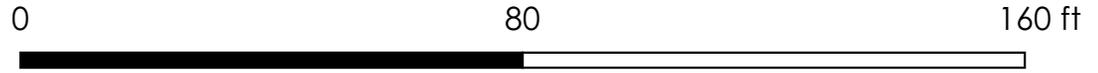
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	110 cy	SB Profile
2019	136 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.4 ft MLW at STA 2+75

# Canal 23P



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Added to 21P

## Nav. Score After Maintenance

Current → Completed  
 B- → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**24**



Canal Group: 3

Subdivision: WINDWARD BAY

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. Perimeter

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -4 MLW

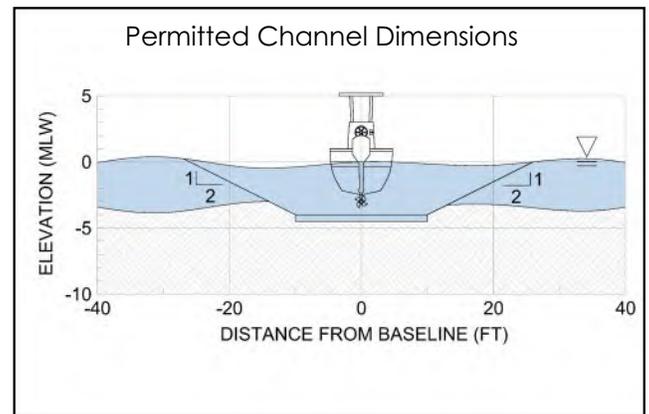
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-003

Permit Expiration: 8/8/2007

Length of Canal: 188 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	9 cy	SB Profile
2019	156 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.4 ft MLW at STA 1+88

# Canal 24



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -4.00 MLW  
 Monitoring Frequency: 2 year  
 Dredging Required: None  
 Min Dredge Target: -3.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Consider adding T for improved level of service

## Nav. Score After Maintenance

Current → Completed  
 C → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**24P**



Canal Group: 4

Subdivision: WINDWARD BAY / LONGBOAT HARBOUR

Funding Category: Green

Cross Streets: Exeter Dr.

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: Structure (revetment, Breakwater, etc)

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

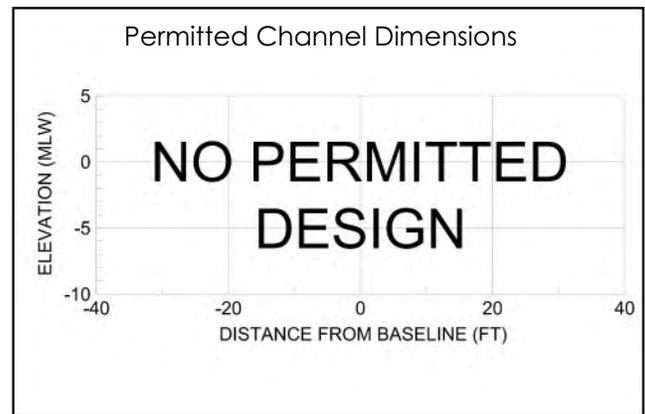
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 0 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
C+	F

Transiting: F - Not Navigable

Meeting/Overtaking: F - Not Navigable

Maneuvering/docking: F - Not Navigable

Marker Density: Dense

Notes: Structure impediments are the channel markers. Only southern half was accessible. Seagrass at north end.

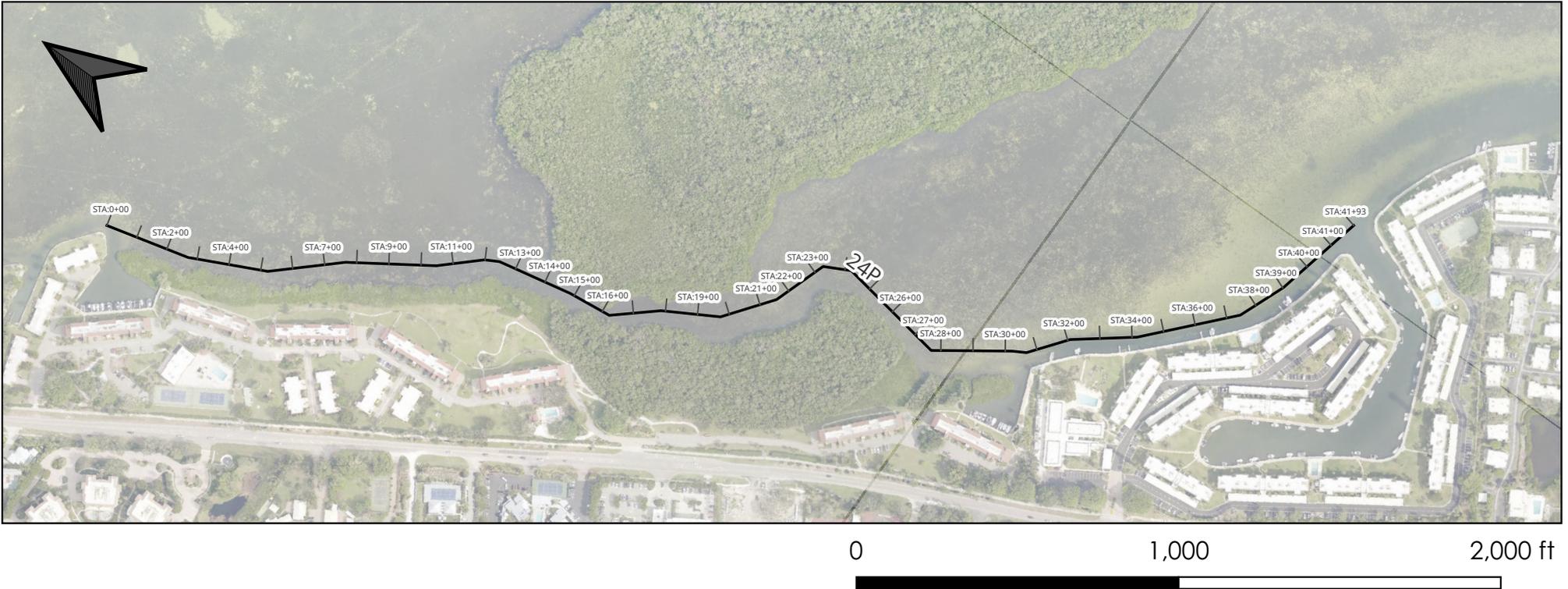
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,265 cy	SB Profile
2019	1,024 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1 ft MLW at STA 1+00

# Canal 24P



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: -3.75 MLW  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Stations 0+00 through 30+50 removed from the program. Remaining stations added to Canal 26P

## Nav. Score After Maintenance

Current → Completed  
 F → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**25**



Canal Group: 3

Subdivision: WINDWARD BAY

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr. Perimeter

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -4 MLW

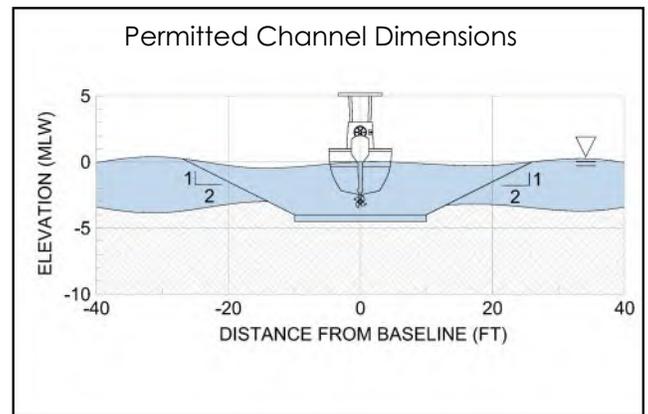
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-003

Permit Expiration: 8/8/2007

Length of Canal: 285 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	62 cy	SB Profile
2019	127 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.1 ft MLW at STA 2+85

# Canal 25



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -4.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -3.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Add seagrass/shoal marker

## Nav. Score After Maintenance

Current → Completed  
 B- → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 26



Canal Group: 4

Subdivision: LONGBOAT HARBOUR

Funding Category: Blue

Cross Streets: Exeter Dr. / Chatham Dr. / Falmouth Dr.

## Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -5 MLW

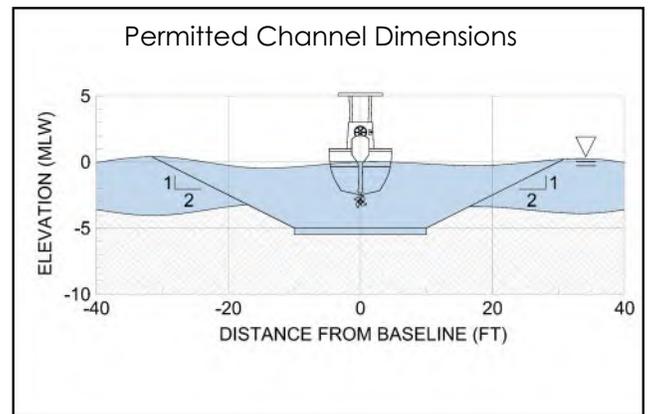
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: 7/20/2026

Length of Canal: 1252 ft



Last Maintained: xx-xxxx

## Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
A-	A-

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

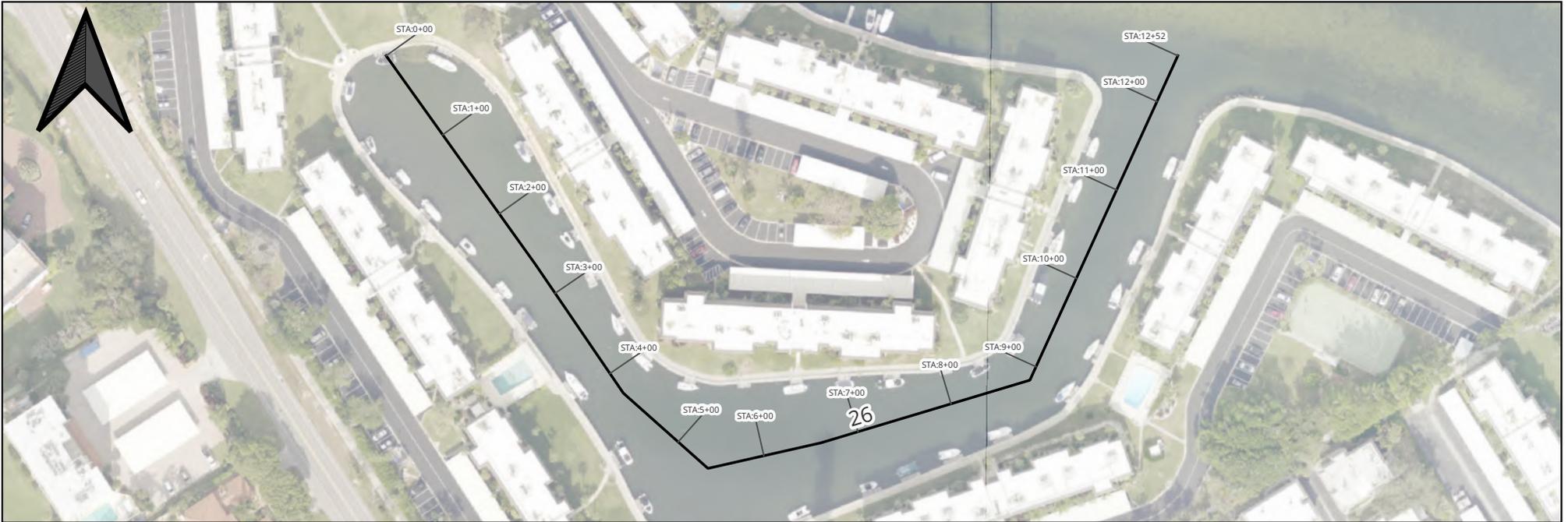
## Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	806 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -8 ft MLW at STA 9+64

# Canal 26



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Consider expanding maintenance width at turn during future project

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**26P**



Canal Group: 4

Subdivision: LONGBOAT HARBOUR / SUTTON PLACE CONDO / PELICAN HARBOUR & BEACH CLUB / LONGBOAT KEY MARK

Funding Category: Green

Cross Streets: Perimeter - Gulf of Mexico Dr. / Falmouth Dr. / Sutton Pl

**Existing Conditions:**

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: N/A

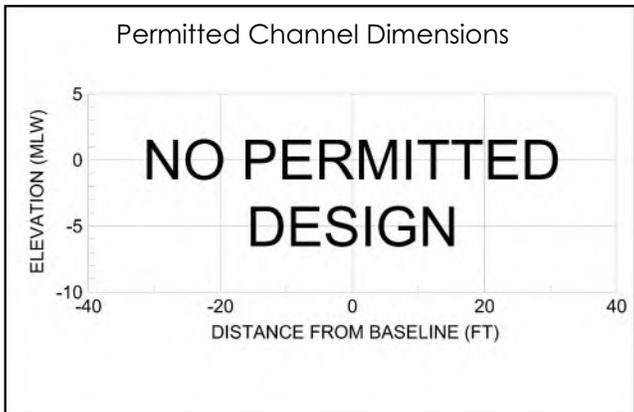
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 6018 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: Adequate

Notes: Markers low to waterline. Marker pilings are old and damaged. Adjust south end alignment

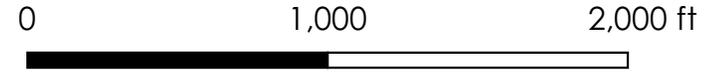
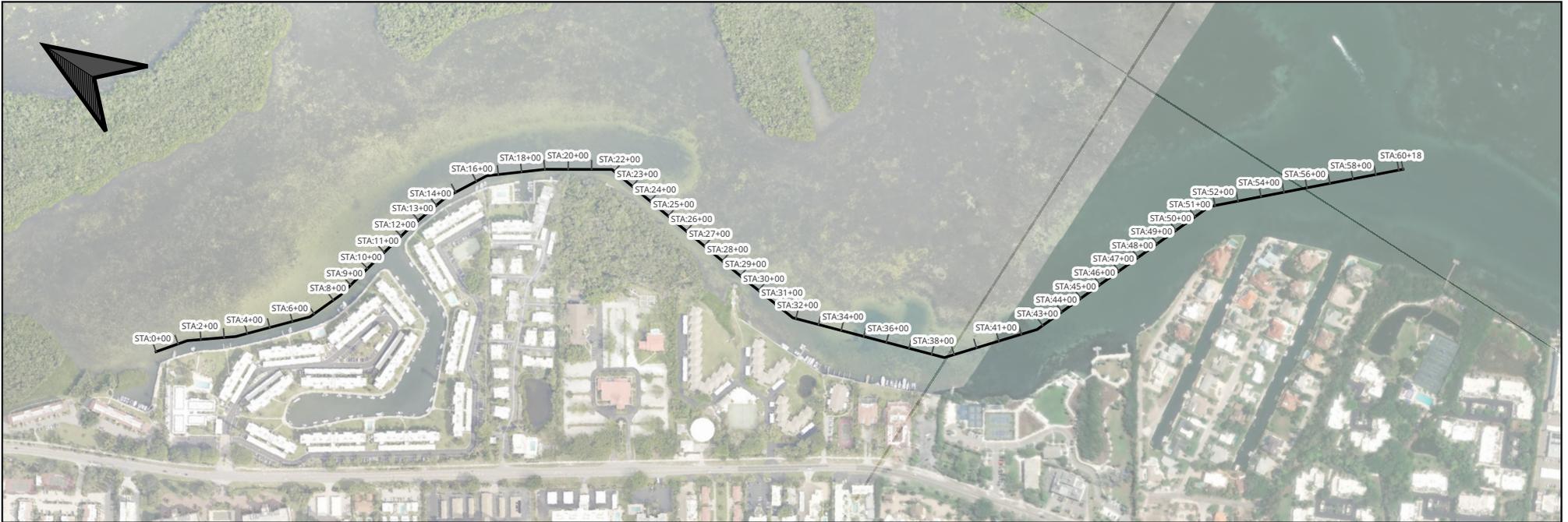
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	12 cy	SB Profile
2019	7,002 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.30 ft MLW at STA 0+00

# Canal 26P



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Consider re-alignment at 45+00, assess markers

## Nav. Score After Maintenance

Current  $\rightarrow$  Completed  
 B+  $\rightarrow$  A-

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 A - Unrestricted

Maneuvering  
 B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 27



Canal Group: 4

Subdivision: Town of Longboat Key

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr.

## Existing Conditions:

Primary Usage: Other

Density of Water Access: 0%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Seagrass, Structure (revetment, Breakwater, etc)

Avg Vessel Beam:

Avg Vessel Draft:

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -3 MLW

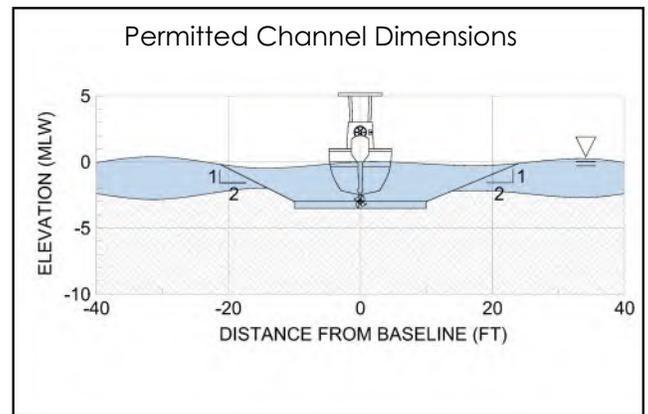
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 355 ft



Last Maintained: xx-xxxx

## Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
C+	D

Transiting: D - Conditionally Restricted

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes: Only accessible until foot bridge.

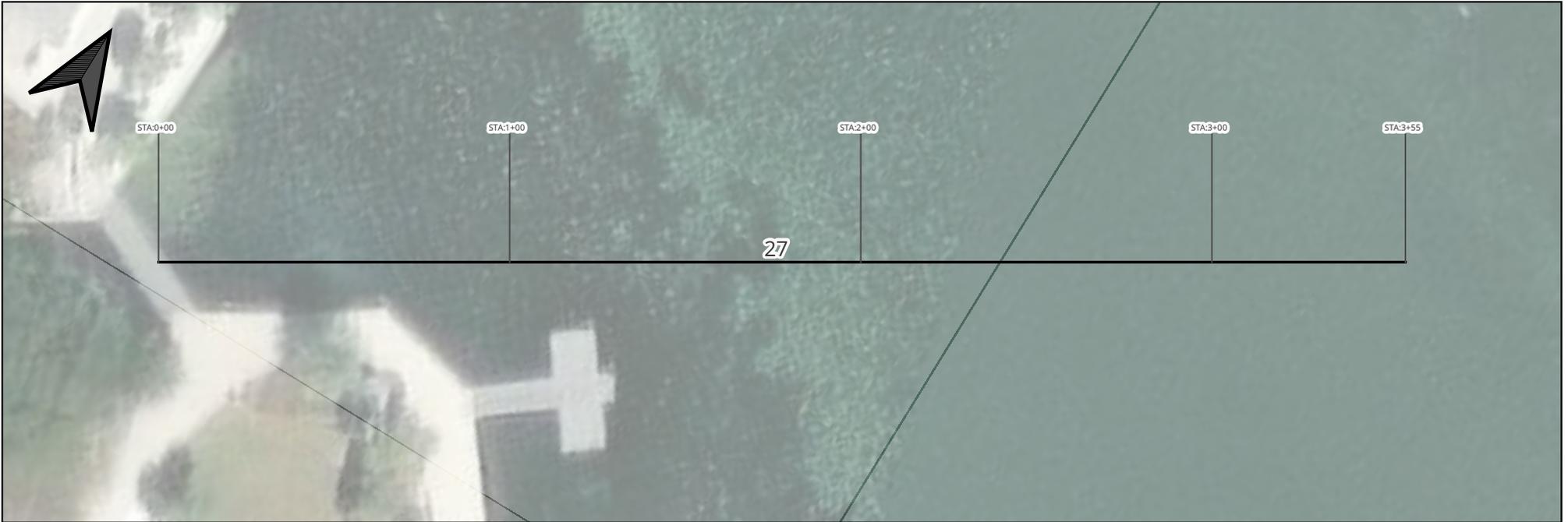
## Survey Info

Survey Date	Volume	Survey Type
Mar 2024	24 cy	SB Profile
2019	112 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.2 ft MLW at STA 1+33

# Canal 27



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After Maintenance

Current → Completed  
 D → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**28**



Canal Group: 4

Subdivision: Town of Longboat Key

Funding Category: Blue

Cross Streets: Gulf of Mexico Dr.

**Existing Conditions:**

Primary Usage: Other

Density of Water Access: 0%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Seagrass

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -3 MLW

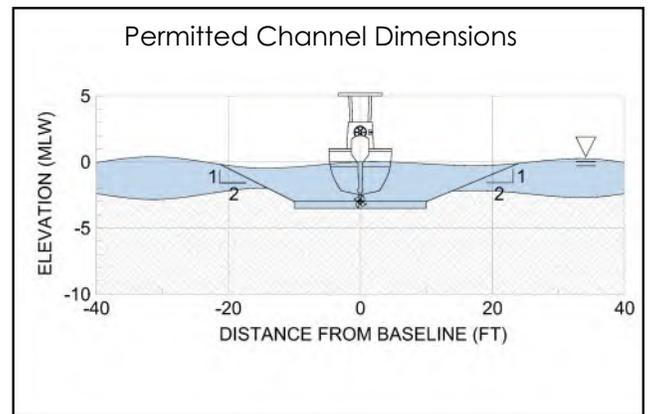
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 384 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>D</b>

Transiting: D - Conditionally Restricted

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes: Only accessible until vegetation.

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	16 cy	SB Profile
2019	92 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.3 ft MLW at STA 0+10

# Canal 28



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After Maintenance

Current → Completed  
 D → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**29**



Canal Group: 4

Subdivision: LONGBOAT KEY ESTATES

Funding Category: Blue

Cross Streets: Jessmyth Dr. / Roundtree Dr.

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None  
Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

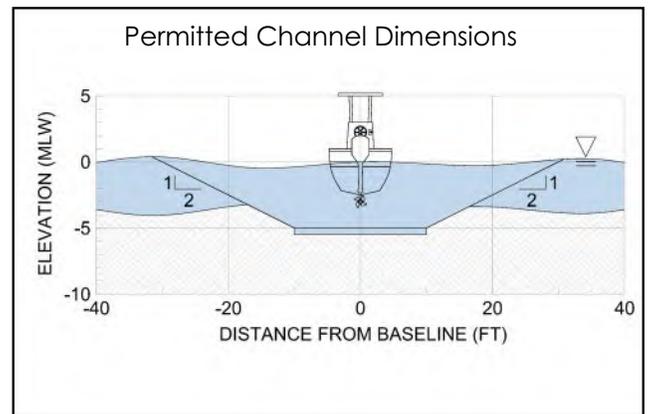
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 1185 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>B</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	198 cy	SB Profile
2019	637 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.2 ft MLW at STA 8+90

# Canal 29



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**30**



Canal Group: 4

Subdivision: LONGBOAT KEY ESTATES

Funding Category: Blue

Cross Streets: Roundtree Dr. / Kingfisher Ln.

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

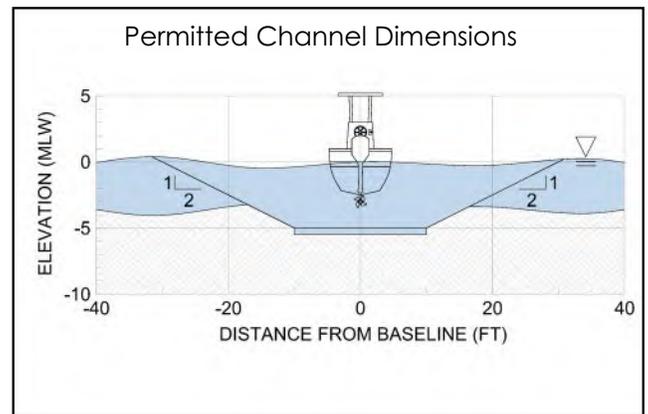
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 1401 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>B</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Could adjust entrance centerline

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	86 cy	SB Profile
2019	785 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.6 ft MLW at STA 11+35

# Canal 30



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**31**



Canal Group: 4

Subdivision: CRANES BAYOU

Funding Category: Blue

Cross Streets: Perimeter Canal

Existing Conditions:

Primary Usage: Transit

Density of Water Access: 5%

Noted Damage to Structures: No

Notable Exposures: Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

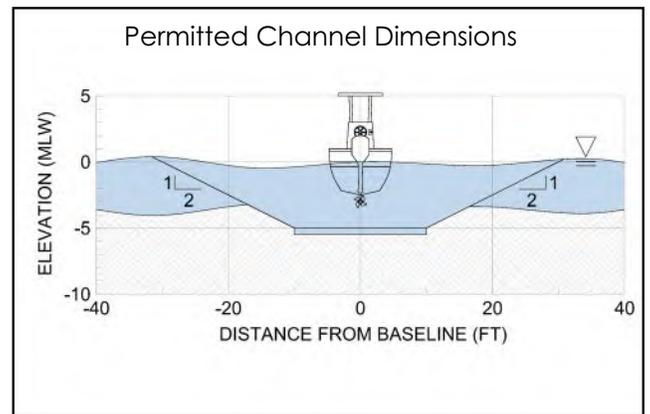
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: 7/20/2026

Length of Canal: 3166 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A-</b>	<b>A-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: Adequate

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	5 cy	SB Profile
2019	7,034 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -5.4 ft MLW at STA 18+45

# Canal 31



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**31A**



Canal Group: 4

Subdivision: LONGBOAT KEY ESTATES / BAYPORT BEACH/ BEACH HARBOR CLUB / TWIN SHORES / GULFSHORE OF LONGBOAT KEY

Funding Category: Red

Cross Streets: Deepwater Canal / Perimeter Canal - Kingfisher Ln / Bayport Way / Twin Shores Blvd / Main Street Dr.

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 0%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

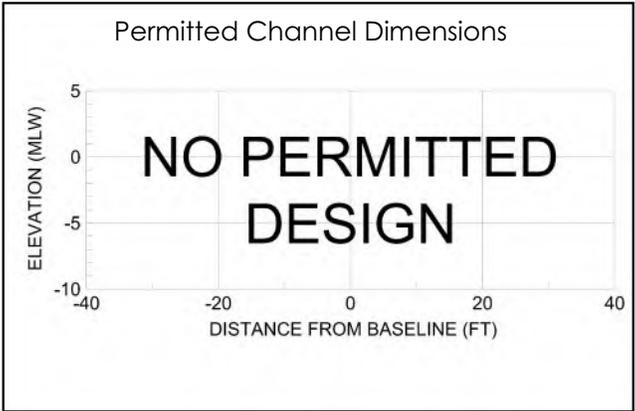
Permit Width: N/A

Placement Area: N/A

Existing Permits: WCIND: 62-341.490

Permit Expiration: Needs Approval per Event

Length of Canal: 7709 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
C	D+

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: Adequate

Notes:

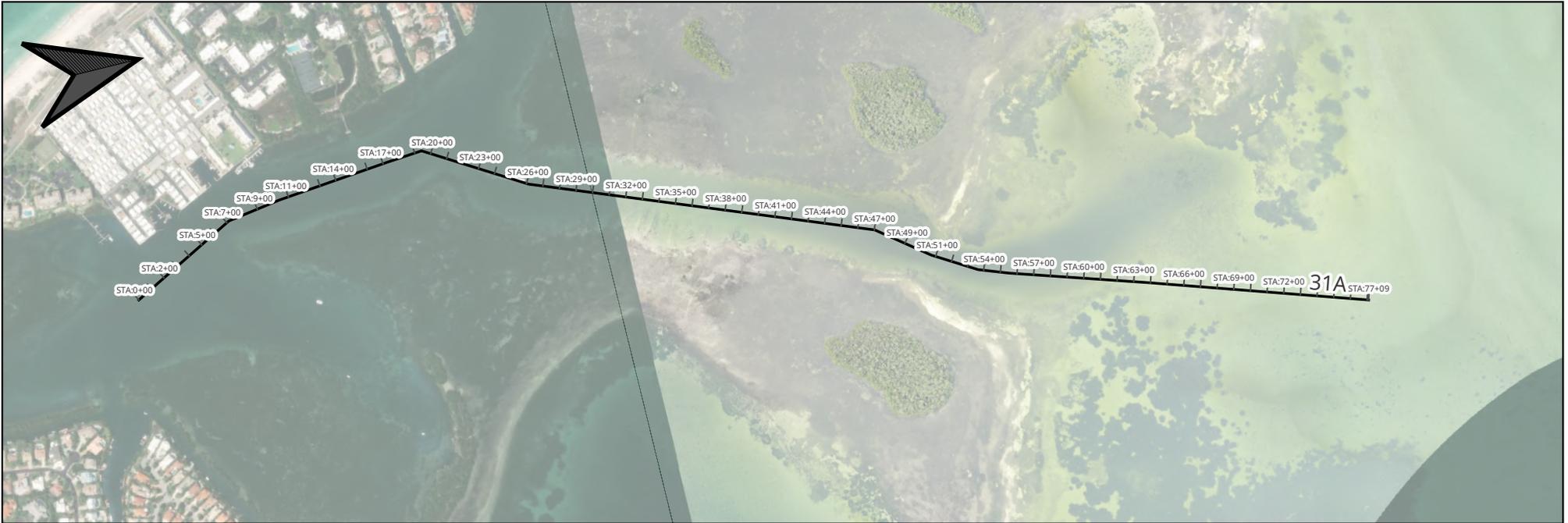
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	15,190 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -5.9 ft MLW at STA 63+00

# Canal 31A



## Maintenance Plan

Maintained Width: 40 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Recommend increasing channel width and depth in the future. Consider re-marking channel

## Nav. Score After Maintenance

Current → Completed  
 D+ → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	C - local knowledge
	<u>Maneuvering</u>
	D - Conditionally Restricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**31C**



Canal Group: 4

Subdivision: CRANES BAYOU

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

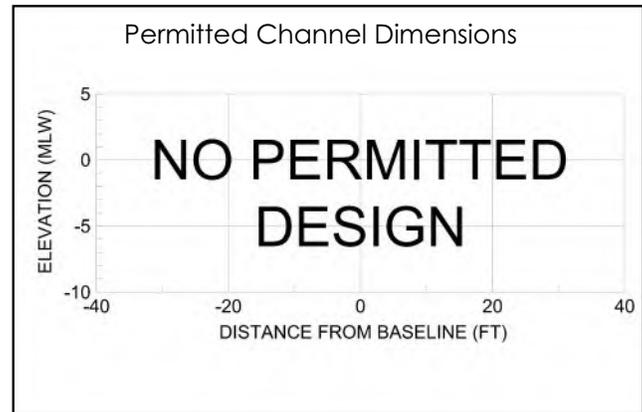
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 580 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>C</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: No apparent channel past dock

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	87 cy	SB Profile
2019	2,300 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.6 ft MLW at STA 0+15

# Canal 31C



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Recommend realignment in the future

## Nav. Score After Maintenance

Current → Completed  
 C → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**31D**



Canal Group: 4

Subdivision: CRANES BAYOU

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: Wind

Impediments: Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

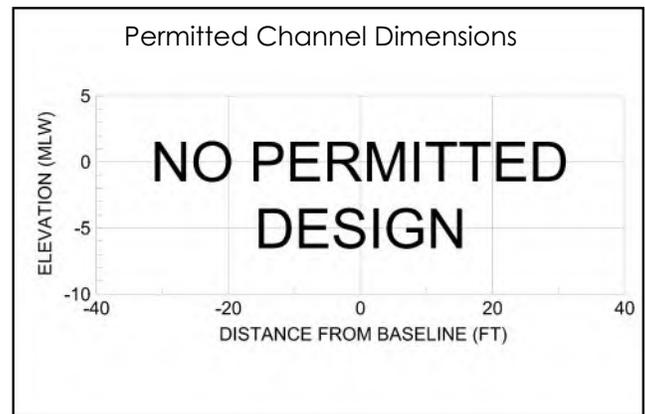
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1116 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
A-	A-

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: Dense

Notes: Shoal at entrance marker 5. Markers slightly confusing without local knowledge

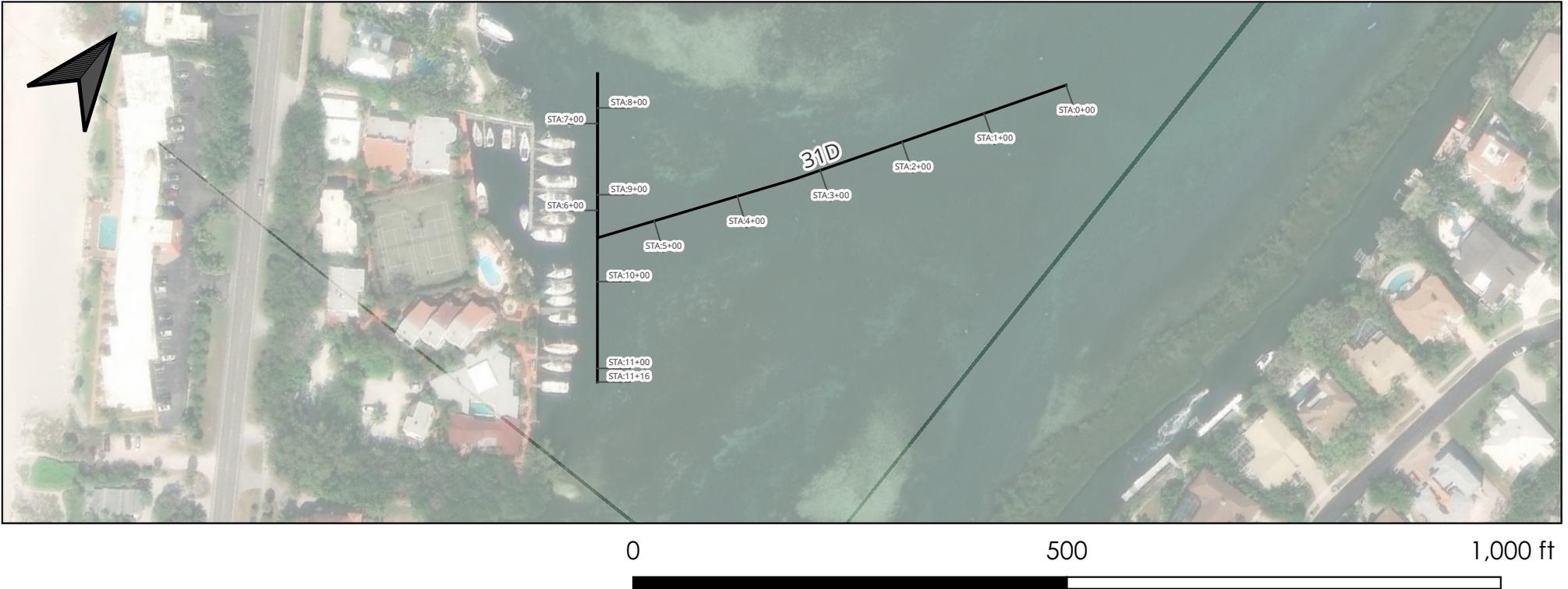
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	14 cy	SB Profile
2019	645 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.9 ft MLW at STA 7+00

# Canal 31D



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**31E**



Canal Group: 4                      Subdivision: CRANES BAYOU  
 Funding Category: Blue              Cross Streets:

Existing Conditions:

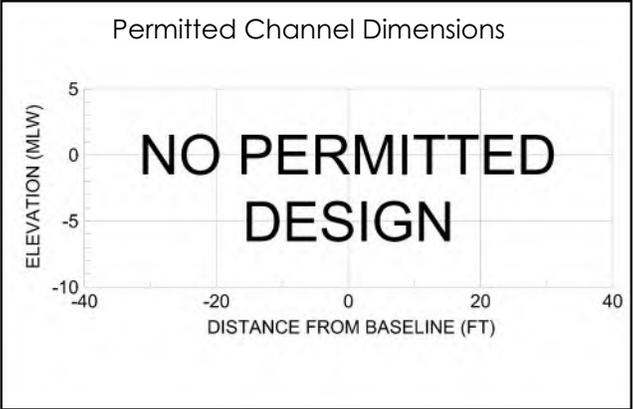
Primary Usage: Mooring/Dockage, Transit                      Avg Vessel Beam: 7 - 10 ft  
 Density of Water Access: 30%                      Avg Vessel Draft: 2 - 4 ft  
 Noted Damage to Structures: No                      Mapped Seagrass: None  
 Notable Exposures: Wind                      Mapped  
 Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A  
 Permit Width: N/A  
 Placement Area: N/A  
 Existing Permits: No Permit History  
 Permit Expiration: N/A  
 Length of Canal: 657 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
<b>A-</b>	<b>C+</b>

Transiting: C - local knowledge  
 Meeting/Overtaking: C - local knowledge  
 Maneuvering/docking: C - local knowledge  
 Marker Density: None

Notes: Seagrass observed during March 2024 field visit

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	263 cy	SB Profile
2019	644 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.7 ft MLW at STA 2+18

# Canal 31E



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C+ → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**32**



Canal Group: 4

Subdivision: LONGBOAT SHORES REV PLAT BLKS 1 2 3 5 & 10

Funding Category: Blue

Cross Streets: Longview Dr. / Buttonwood Dr.

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: None

Impediments: Dock/Lift, Overgrowth

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

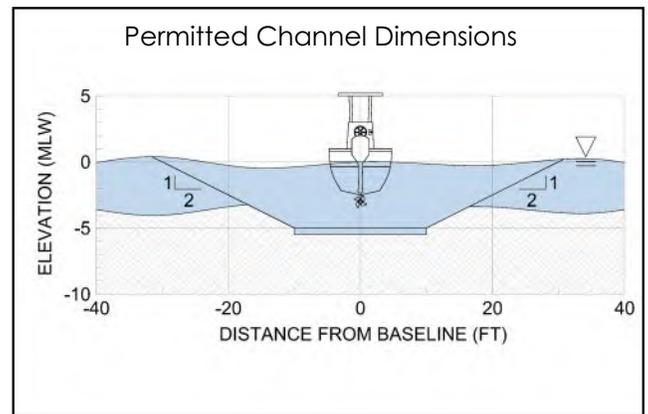
Permit Width: 20 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1458 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	637 cy	SB Profile
2019	699 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.6 ft MLW at STA 7+33

# Canal 32



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B- → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**32A**



Canal Group: 5

Subdivision: LONGBOAT KEY CLUB MOORING

Funding Category: Red

Cross Streets: Deepwater Canal

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 10+ ft

Density of Water Access: 0%

Avg Vessel Draft: 4+ ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

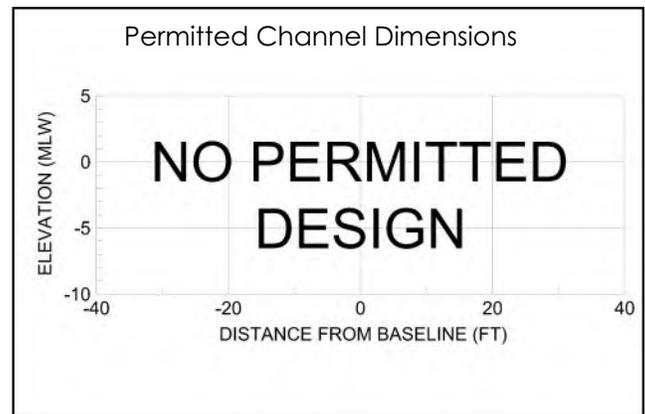
Permit Width: N/A

Placement Area: N/A

Existing Permits: WCIND: 62-341.490

Permit Expiration: Needs Approval per Event

Length of Canal: 1242 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
C	C

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: Dense

Notes: Channel marked excessively

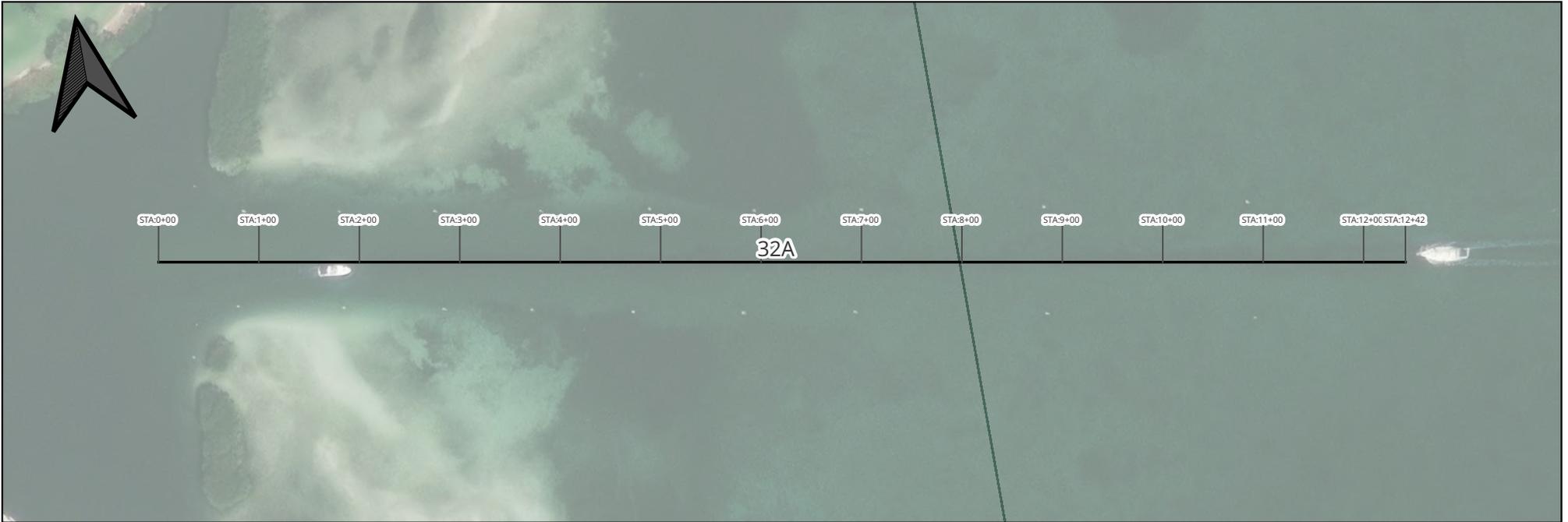
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,459 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.3 ft MLW at STA 5+30

# Canal 32A



## Maintenance Plan

Maintained Width: 40 FT  
 Maintained Depth: -6.00 MLW  
 Monitoring Frequency: 2 year  
 Dredging Required: None  
 Min Dredge Target: -5.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 35 ft	B - As expected
Beam: 14 ft	
Draft: 5.5 ft	
	<u>Meeting</u>
	C - local knowledge
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**32B**



Canal Group: 5

Subdivision: BAY ISLES / MANCHESTER BAY

Funding Category: Green

Cross Streets: Bayou Cir / Fair Oaks Ln

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

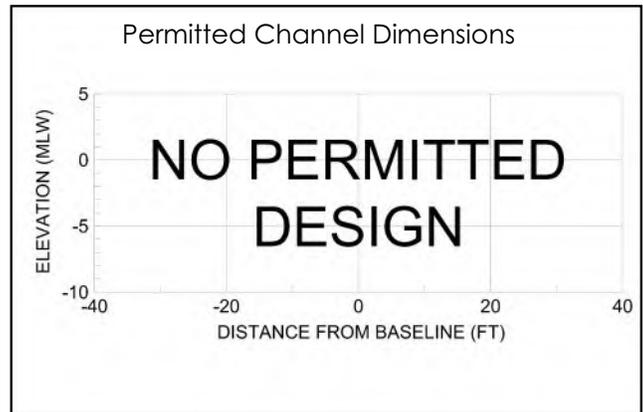
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1001 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
<b>A-</b>	<b>A-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes: Canal split into 32B and 32B-1 to accommodate different funding categories

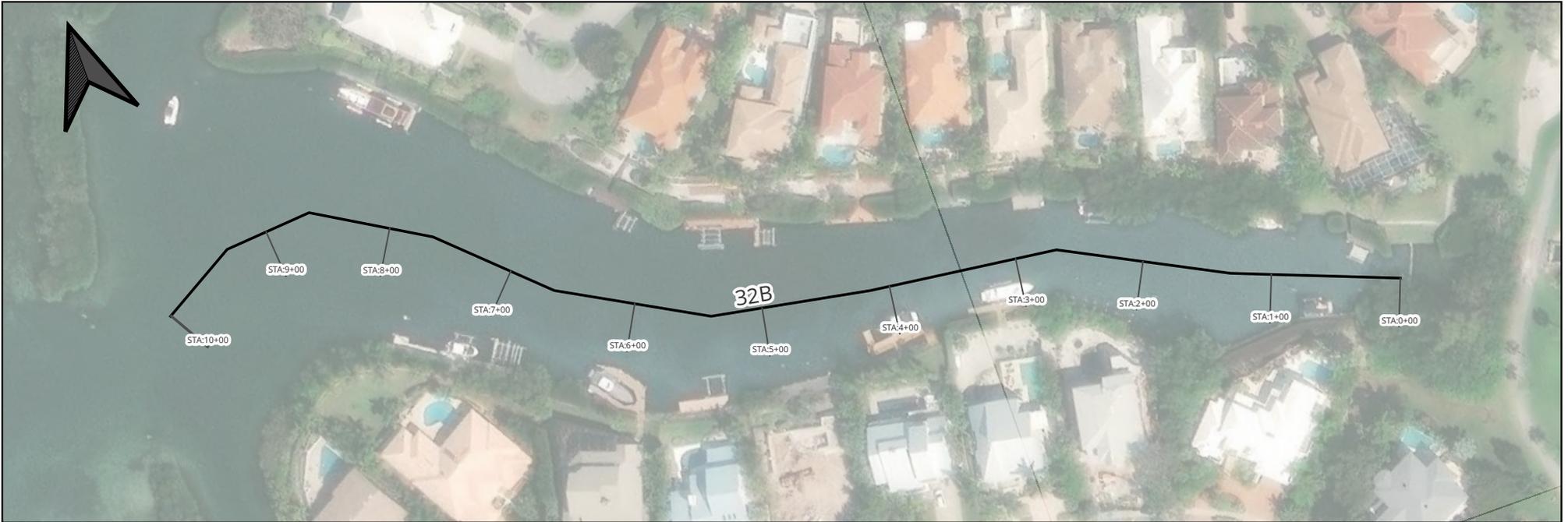
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	755 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.0 ft MLW at STA 1+30

# Canal 32B



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**32B-1**



Canal Group: 5

Subdivision: BAY ISLES / MANCHESTER BAY

Funding Category: Red

Cross Streets:

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None  
Mapped

Notable Exposures: Wind

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

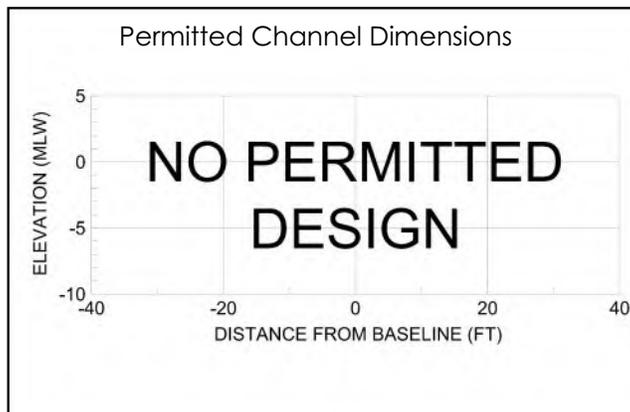
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 459 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B-</b>	<b>D+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes: Canal originally part of 32B.

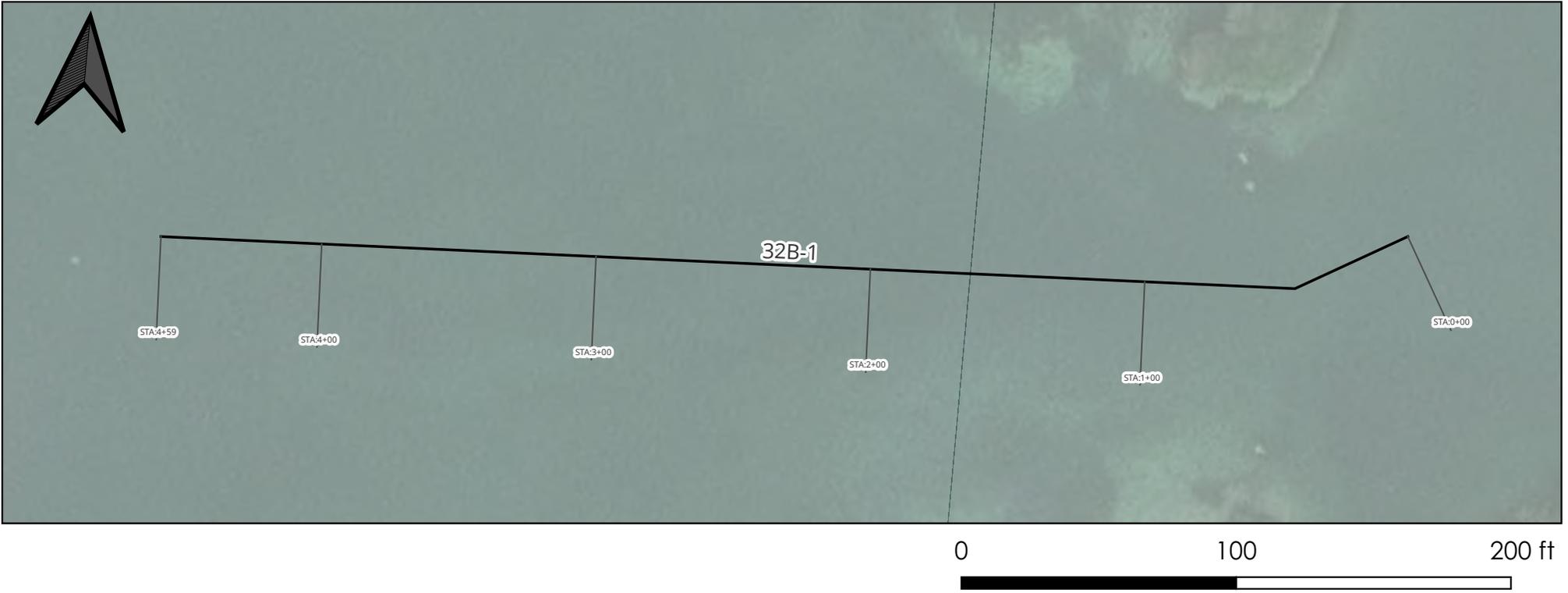
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	390 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -6.0 ft MLW at STA 1+70

# Canal 32B-1



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 D+ → B-

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**32P**



Canal Group: 5

Subdivision: MANCHESTER BAY / COREYS LANDING / BAY ISLES

Funding Category: Green

Cross Streets: Perimeter Canal - Fair Oaks Ln. / Fair Oaks Pl. / Mistletoe Ln. / Grand Bay Blvd.

Existing Conditions:

Primary Usage: Transit  
 Density of Water Access: 30%  
 Noted Damage to Structures: No  
 Notable Exposures: Wind  
 Impediments: Overgrowth, Oyster Bar, Shoal

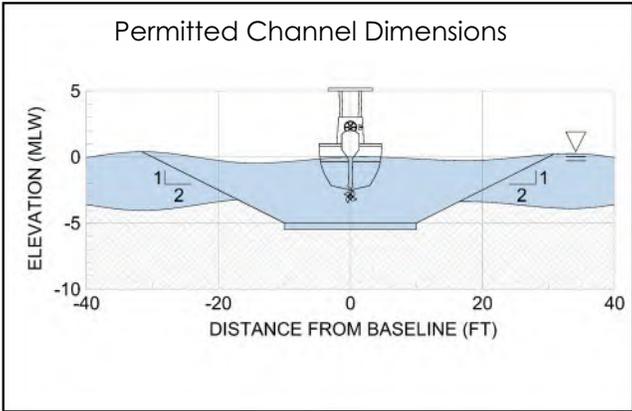
Avg Vessel Beam: 7 - 10 ft  
 Avg Vessel Draft: 2 - 4 ft  
 Mapped Seagrass: Yes

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW  
 Permit Width: 20 FT  
 Placement Area: N/A  
 Existing Permits: FDEP: 41-0380753-001-EI  
 Permit Expiration: 9/18/2025  
 Length of Canal: 8161 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C</b>

Transiting: C - local knowledge  
 Meeting/Overtaking: D - Conditionally Restricted  
 Maneuvering/docking: D - Conditionally Restricted  
 Marker Density: Adequate

Notes:

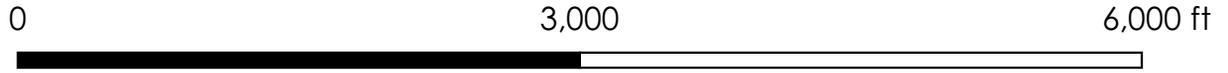
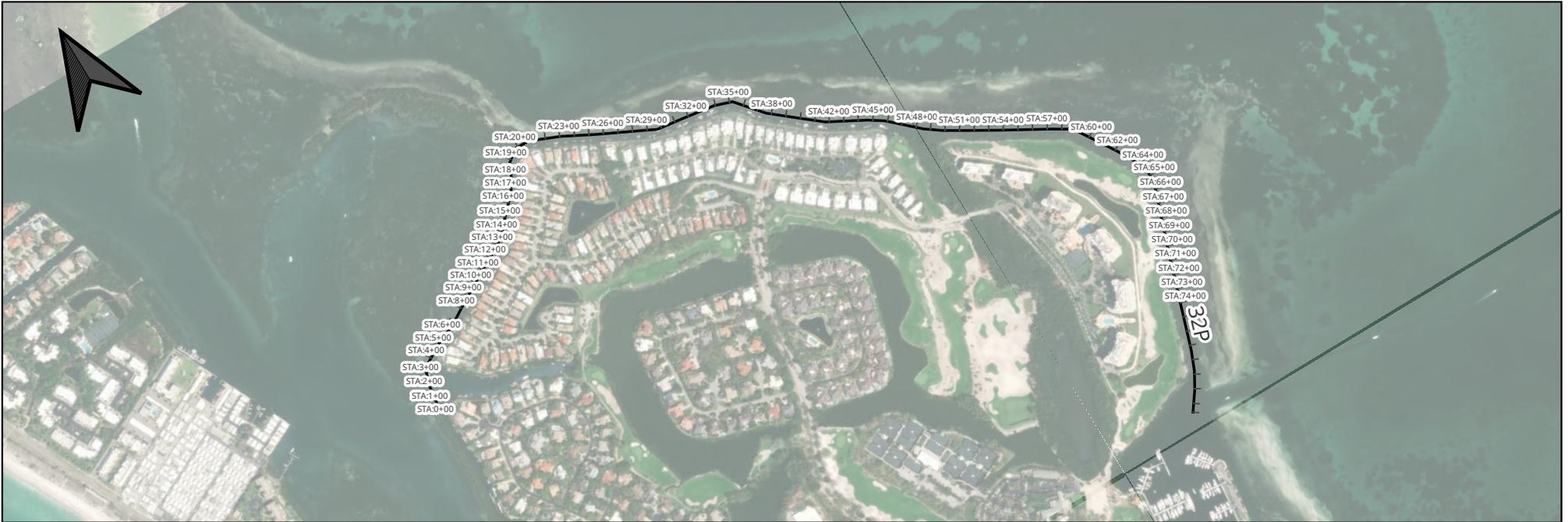
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	5,398 cy	SB Profile
2019	3,437 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.7 ft MLW at STA 33+40

# Canal 32P



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**32P-1**



Canal Group: 5

Subdivision: MANCHESTER BAY / COREYS LANDING / BAY ISLES

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 50%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: None

Mapped

Impediments: Shoal, Structure (revetment, Breakwater, etc)

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

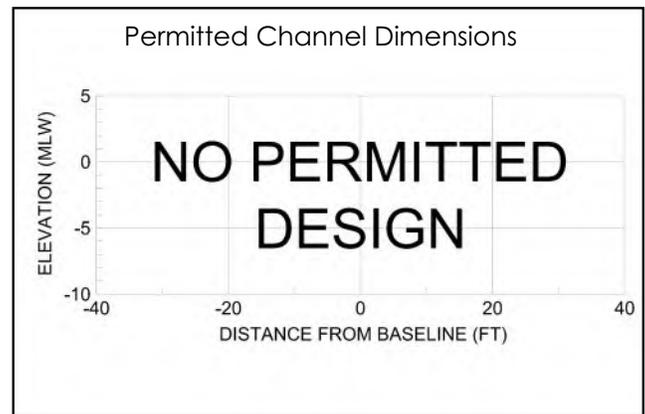
Permit Width: N/A

Placement Area: N/A

Existing Permits: N/A

Permit Expiration: N/A

Length of Canal: 4740 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>B-</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: C - local knowledge

Marker Density: Adequate

Notes: Lots of manatees observed in canal. Bubbler at end of basin

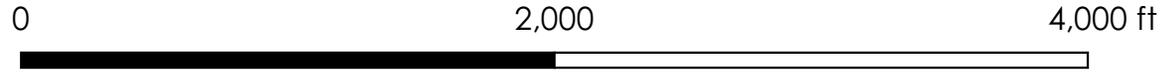
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	443 cy	SB Profile
2019	2,032 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.3 ft MLW at STA 43+00

# Canal 32P-1



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Dredging required in north stretch only

## Nav. Score After Maintenance

Current → Completed  
 B- → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**33**



Canal Group: 5

Subdivision: BAY ISLES UNIT 01 / COUNTRY CLUB SHORES UNIT 5 SEC 4

Funding Category:  
Green/Red

Cross Streets: Harbor Cove Cir / Putter Ln

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit

Density of Water Access: 60%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None  
Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

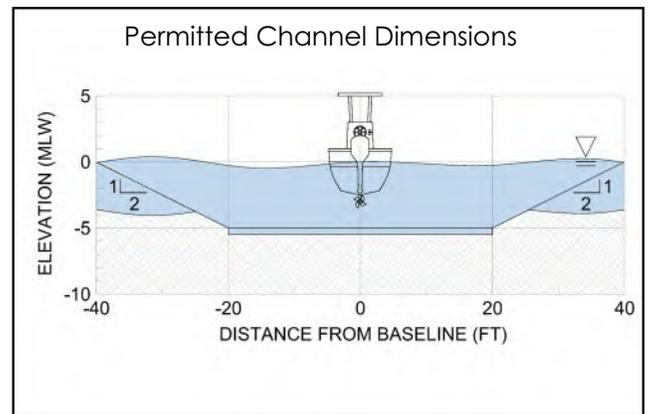
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1282 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: C - local knowledge

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: Dense

Notes: Split 33 at 33P and make west end 33-5. Seagrass observed on the north toe during March 2024 visit

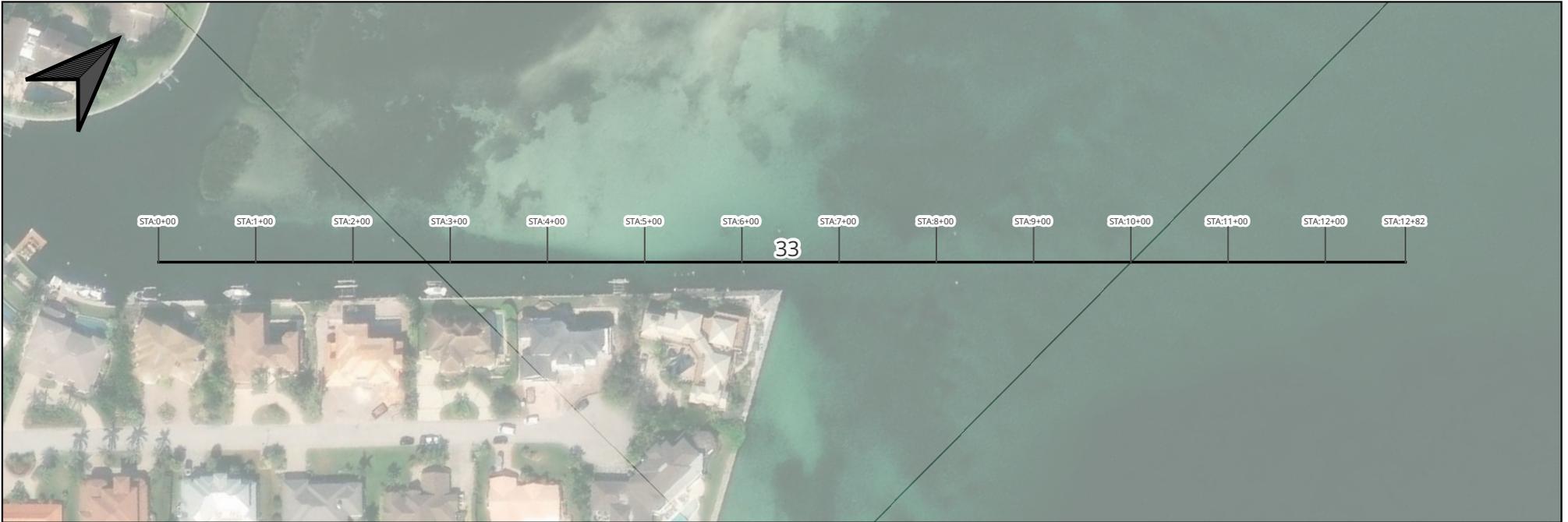
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	134 cy	SB Profile
2019	732 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.2 ft MLW at STA 4+40

# Canal 33



## Maintenance Plan

Maintained Width: 40 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 Year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Recommend shoal buoy until dredging can occur. Recommend marker adjustments once dredging is completed.

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33-1**



Canal Group: 5

Subdivision: HARBOR COVE & PUTTER

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

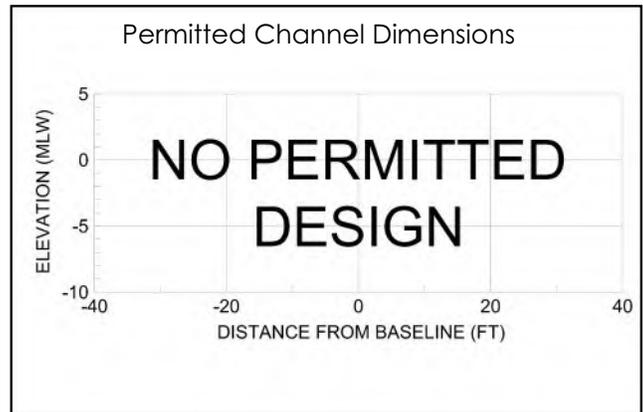
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 1009 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: None

Notes: Potential re-alignment

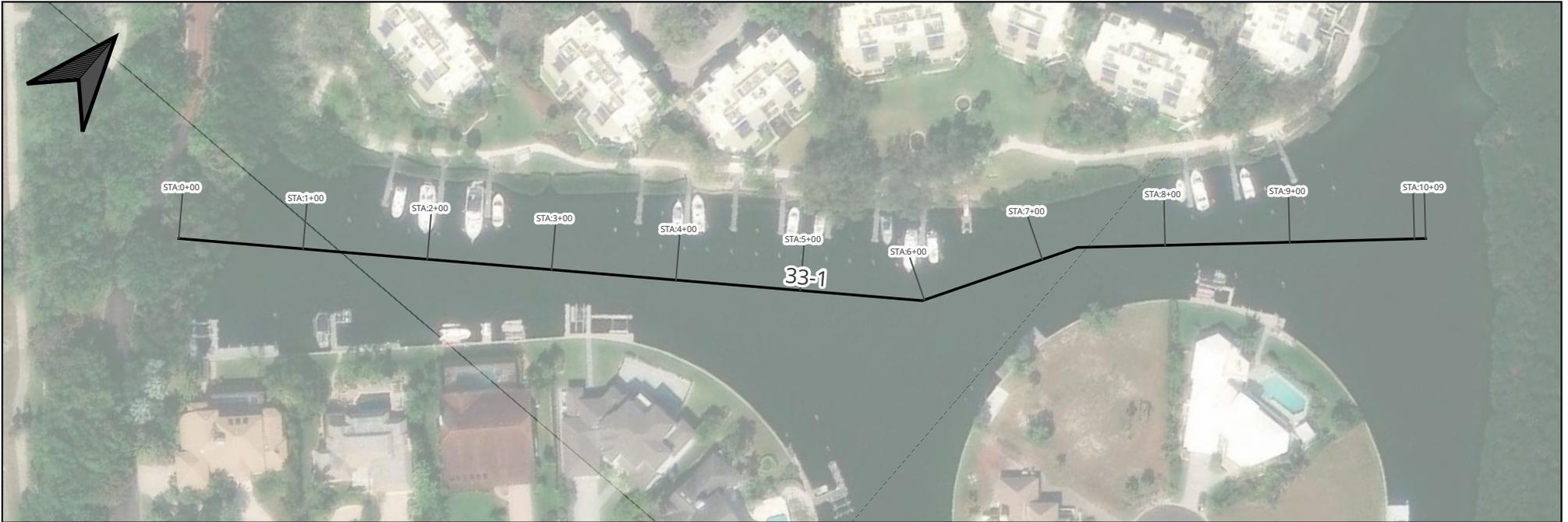
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	678 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.4 ft MLW at STA 10+00

# Canal 33-1



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current  $\rightarrow$  Completed  
 B+  $\rightarrow$  B+

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33-2**



Canal Group: 5                      Subdivision: HARBOR COVE & PUTTER  
 Funding Category: Blue              Cross Streets:

Existing Conditions:

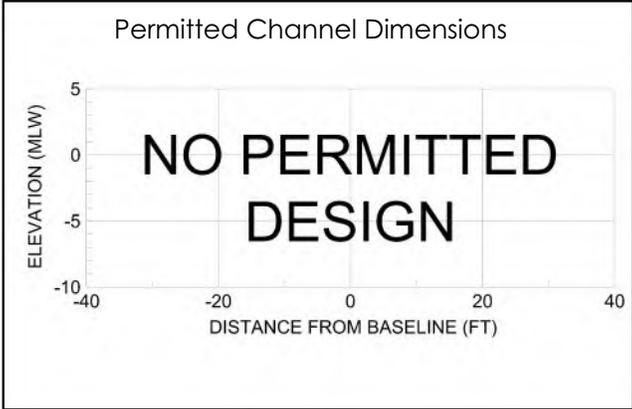
Primary Usage: Mooring/Dockage	Avg Vessel Beam: 7 - 10 ft
Density of Water Access: 90%	Avg Vessel Draft: 2 - 4 ft
Noted Damage to Structures: No	Mapped Seagrass: None
Notable Exposures: None	Mapped
Impediments: None	

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A  
 Permit Width: N/A  
 Placement Area: N/A  
 Existing Permits: No Permit History  
 Permit Expiration: N/A  
 Length of Canal: 916 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted  
 Meeting/Overtaking: B - As expected  
 Maneuvering/docking: B - As expected  
 Marker Density: None

Notes:

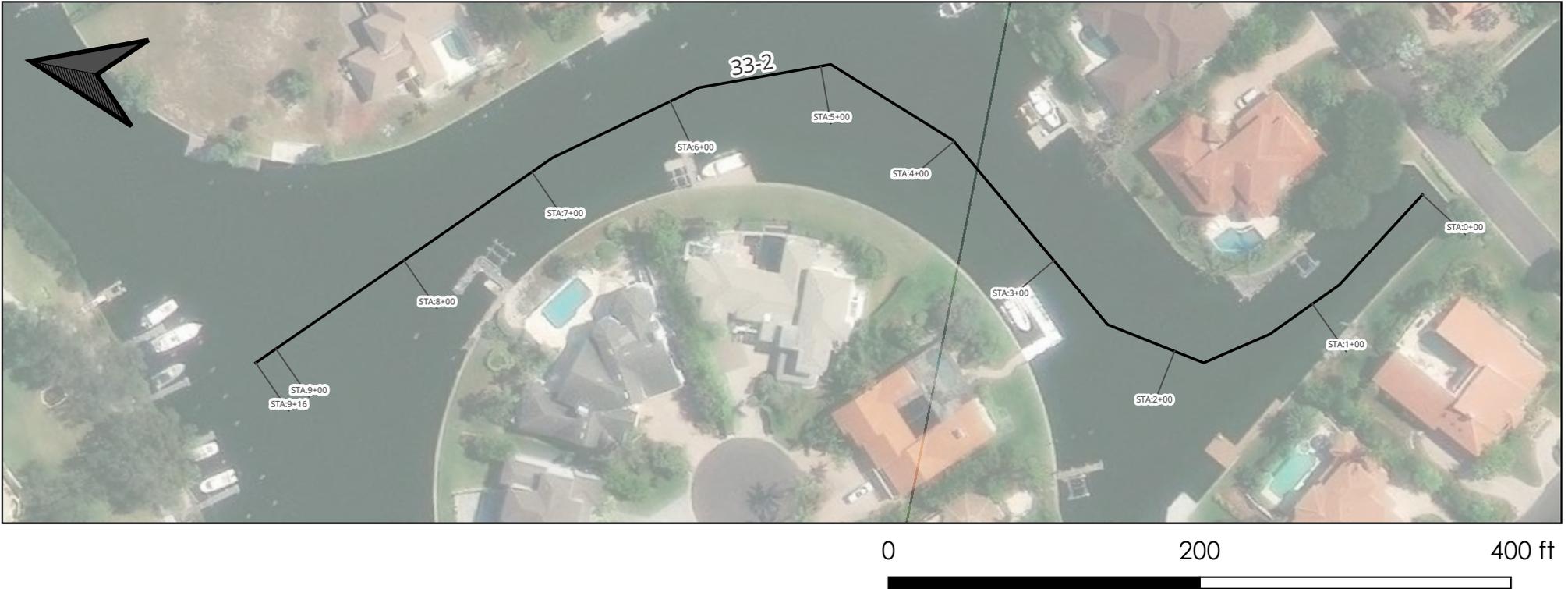
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	23 cy	SB Profile
2019	678 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -6.5 ft MLW at STA 1+00

# Canal 33-2



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33-3**



Canal Group: 5

Subdivision: HARBOR COVE & PUTTER

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

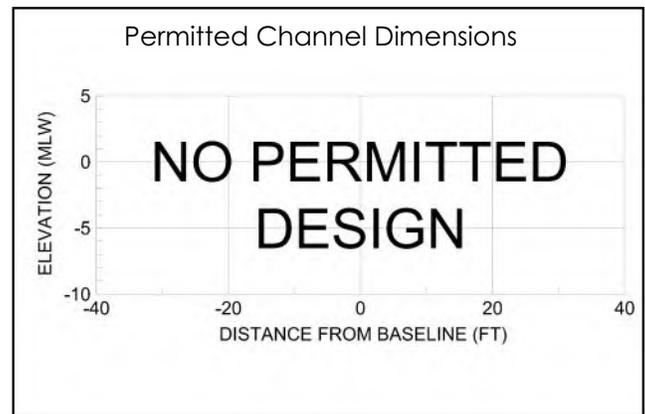
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 840 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	71 cy	SB Profile
2019	678 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.8 ft MLW at STA 1+00

# Canal 33-3



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Could maintain as a basin

## Nav. Score After Maintenance

Current  $\rightarrow$  Completed  
 B+  $\rightarrow$  B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33-4**



Canal Group: 5

Subdivision: HARBOR COVE & PUTTER

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

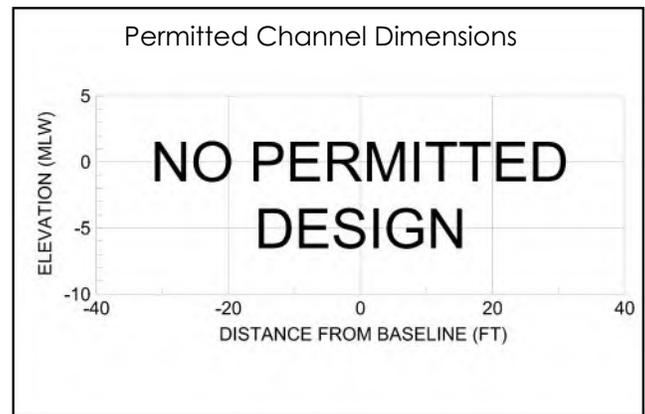
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 577 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	678 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.7 ft MLW at STA 4+75

# Canal 33-4



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33-5**



Canal Group: 5

Subdivision: HARBOR COVE & PUTTER

Funding Category: Blue

Cross Streets:

Existing Conditions:

Primary Usage: Mooring/Dockage

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 90%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Wind

Mapped

Impediments: None

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

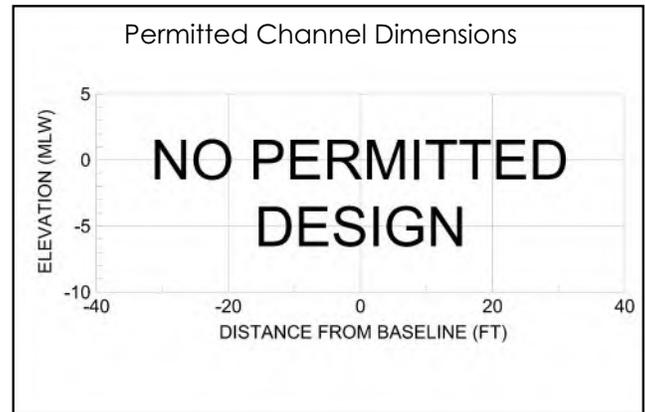
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration:

Length of Canal: 775 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>C-</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

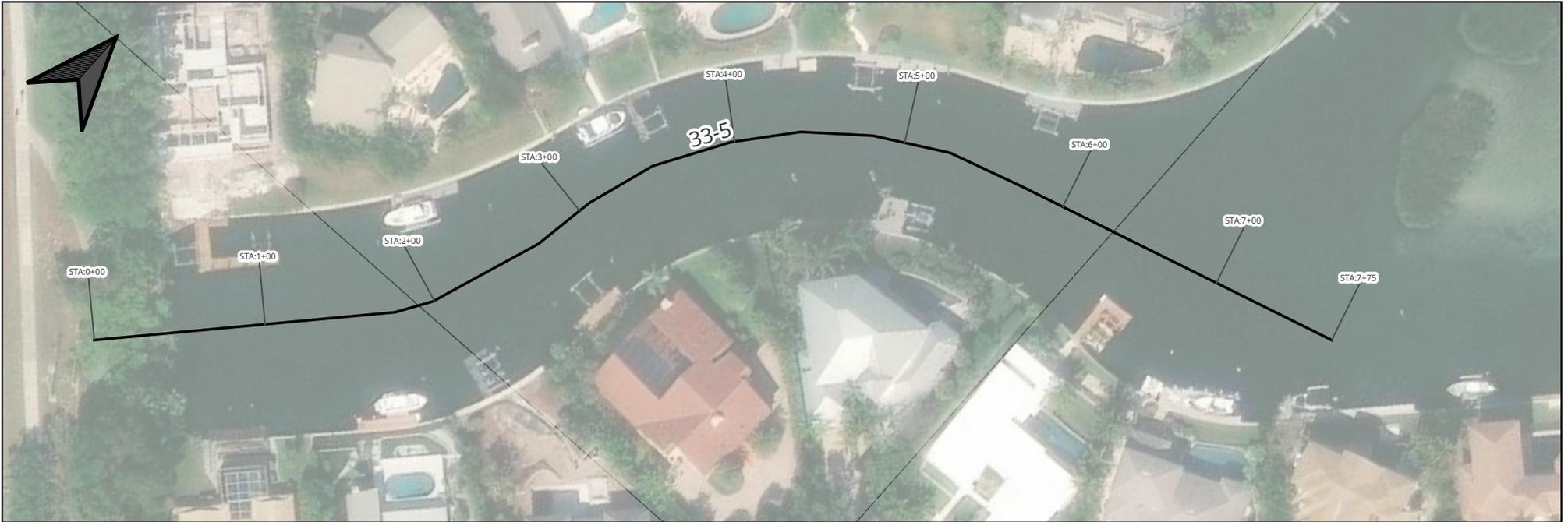
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	4 cy	SB Profile
2019	468 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.9 ft MLW at STA 1+00

# Canal 33-5



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C- → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33A**



Canal Group: 5

Subdivision: HARBOUR COURT

Funding Category: Red

Cross Streets: Deepwater Canal

Existing Conditions:

Primary Usage: Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 0%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

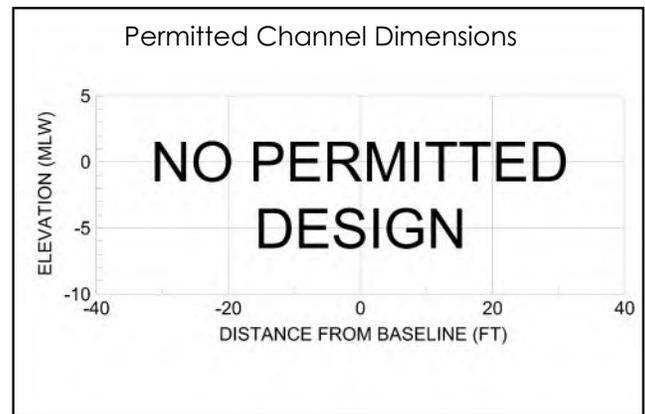
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 0 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>C-</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes: Shoals on both ends. Recommend marking with either PATONS or seagrass signs

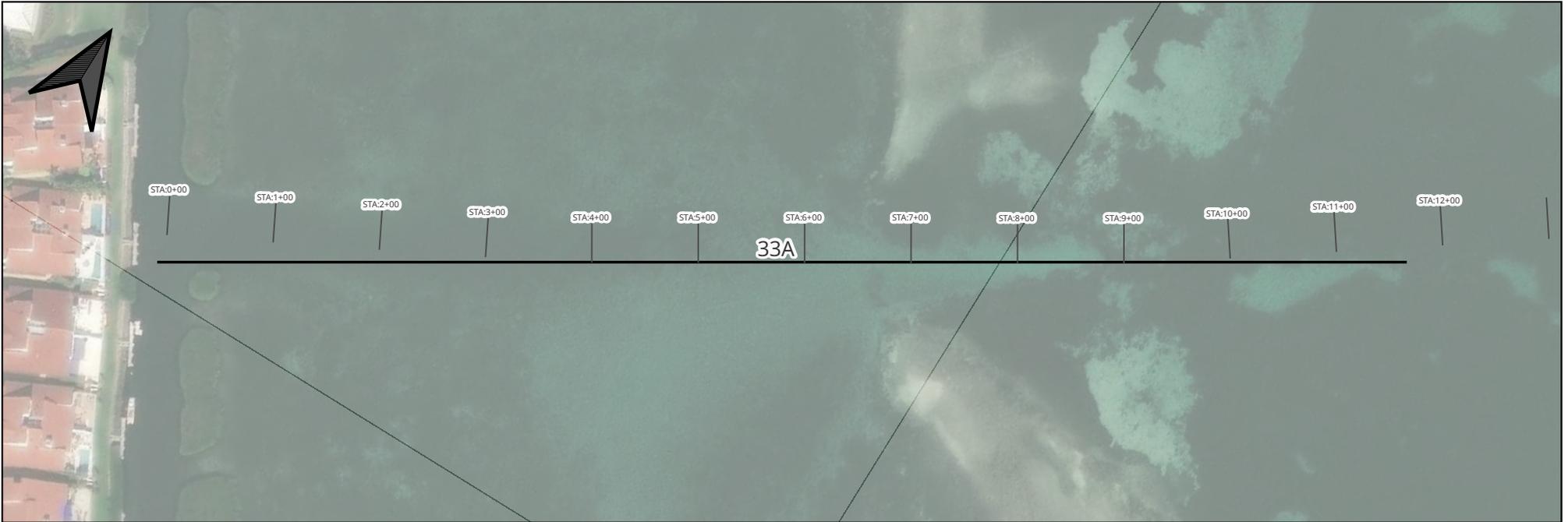
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	138 cy	SB Profile
2019	854 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.7 ft MLW at STA 9+00

# Canal 33A



## Maintenance Plan

Maintained Width: N/A  
 Maintained Depth: N/A  
 Monitoring Frequency: N/A  
 Dredging Required: N/A  
 Min Dredge Target: N/A  
 Number of Segments: N/A  
 Dredge Length: N/A  
 Additional Work: Removed from the program

## Nav. Score After

### Maintenance

Current → Completed  
 C- → N/A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: N/A ft	N/A
Beam: N/A ft	
Draft: N/A ft	
	<u>Meeting</u>
	N/A
	<u>Maneuvering</u>
	N/A

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33B**



Canal Group: 5

Subdivision: Harbourside to Harbor Cove

Funding Category: Green

Cross Streets:

Existing Conditions:

Primary Usage: Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 5%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: None

Notable Exposures: Waves, Wind

Mapped

Impediments: Oyster Bar

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A

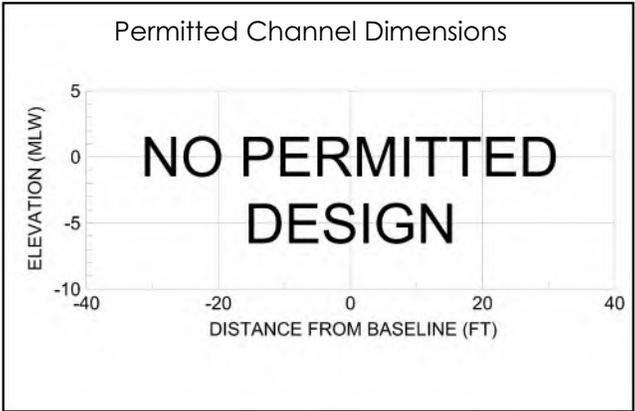
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 6986 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B</b>

Transiting: C - local knowledge

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: Adequate

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,060 cy	SB Profile
2019	4,301 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.5 ft MLW at STA 14+00

# Canal 33B



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Spot dredging

## Nav. Score After Maintenance

Current  $\rightarrow$  Completed  
 B  $\rightarrow$  B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	D - Conditionally Restricted

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**33P**



Canal Group: 5

Subdivision: FAIRWAY BAY 1 / BAY ISLES UNIT 01

Funding Category: Green

Cross Streets: HARBOURSIDE Dr. / Harbor Cay Ln / Harbor Cay Dr. / Harbor Sound Dr. / Harbor Point Rd. / Harbour Sound Dr. / Harmor Cove cir. / Putter Ln.

Existing Conditions:

Primary Usage: Mooring/Dockage, Transit  
 Density of Water Access: 60%  
 Noted Damage to Structures: No  
 Notable Exposures: Wind  
 Impediments: None

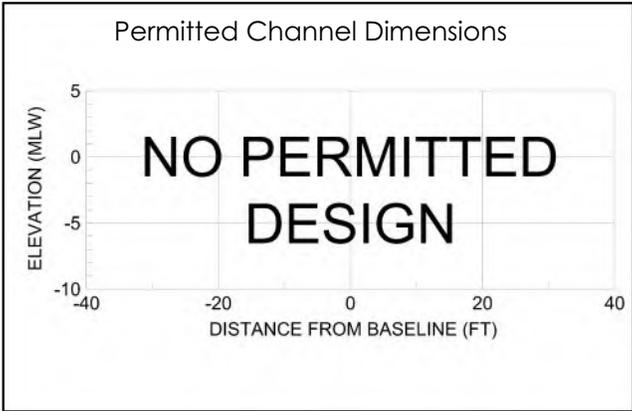
Avg Vessel Beam: 7 - 10 ft  
 Avg Vessel Draft: 2 - 4 ft  
 Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: N/A  
 Permit Width: N/A  
 Placement Area: N/A  
 Existing Permits: No Permit History  
 Permit Expiration: N/A  
 Length of Canal: 2298 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C</b>

Transiting: A - Unrestricted  
 Meeting/Overtaking: B - As expected  
 Maneuvering/docking: C - local knowledge  
 Marker Density: None

Notes:

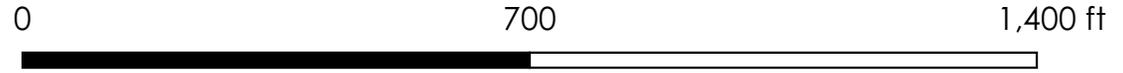
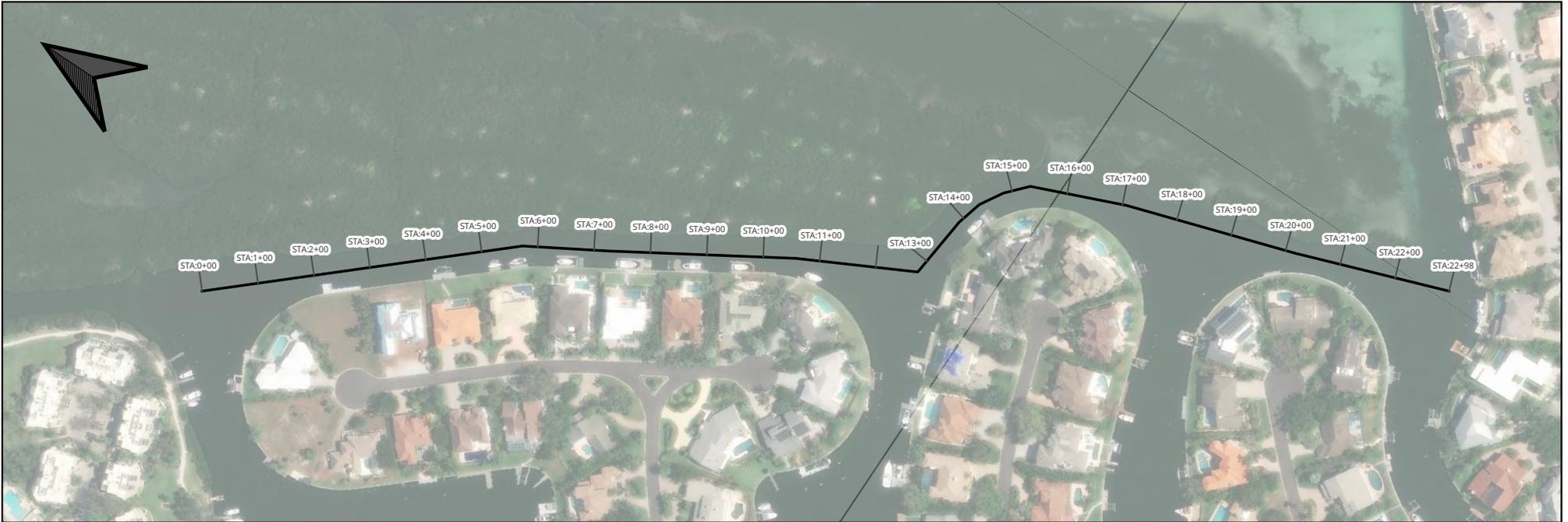
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	1,418 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -6.1 ft MLW at STA 17+10

# Canal 33P



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 B - As expected

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**34**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Putter Ln / Golf Links Ln

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -6 MLW

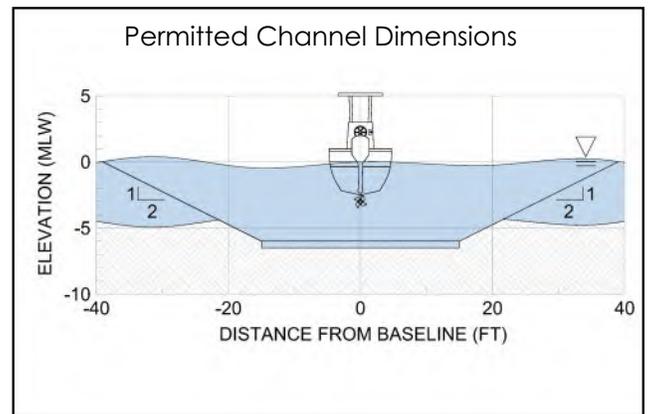
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1680 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes: Local knowledge at entrance.

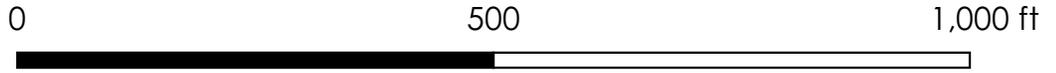
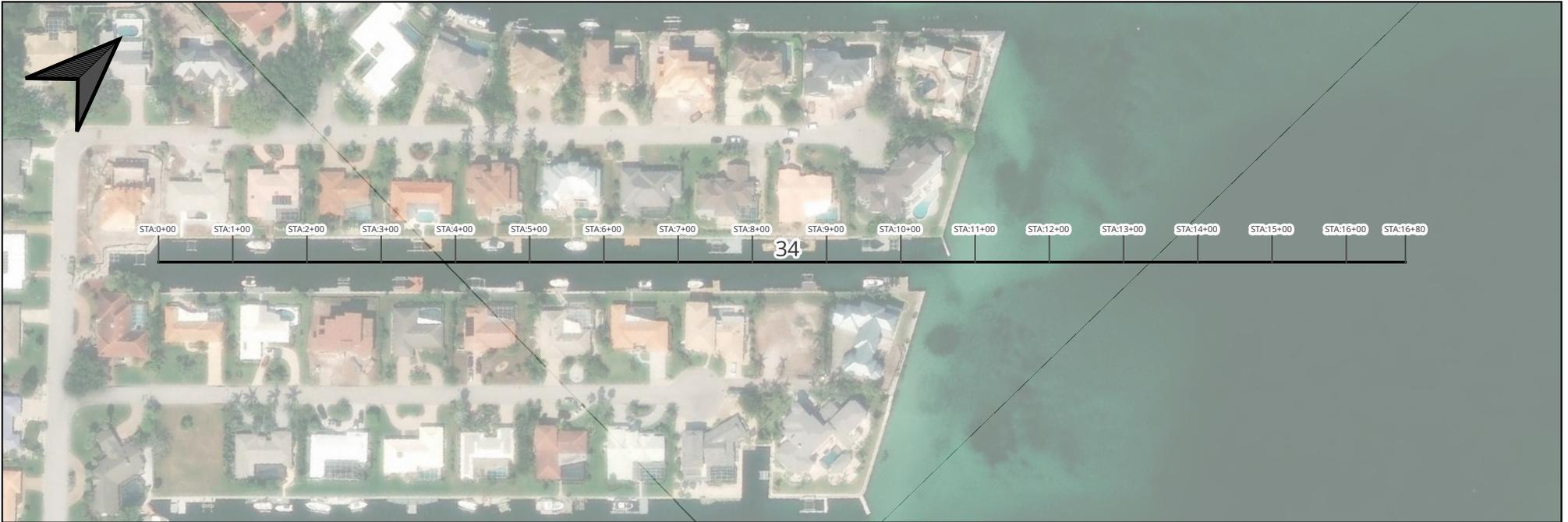
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	904 cy	SB Profile
2019	919 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3 ft MLW at STA 10+91

# Canal 34



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Maintain mouth to 6ft, interior to 5 ft

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

Vessel  
 Length: 24 ft      Transiting  
 Beam: 9 ft        A - Unrestricted  
 Draft: 3.5 ft  
  
Meeting  
 B - As expected  
  
Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
  
 Anticipated Completion: TBD  
  
 Notes:

**Canal**

**35**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Golf Links Ln/ Chipping Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -6 MLW

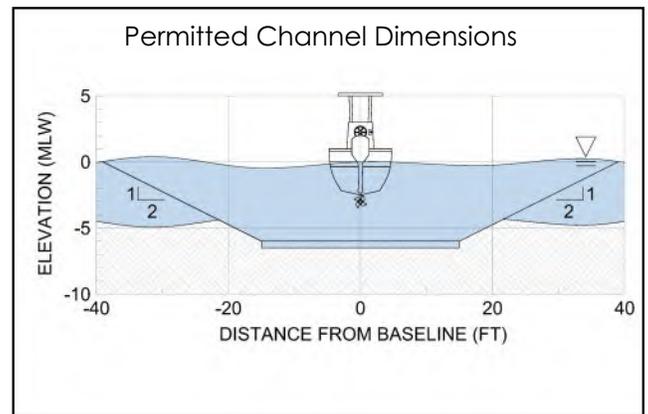
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1582 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

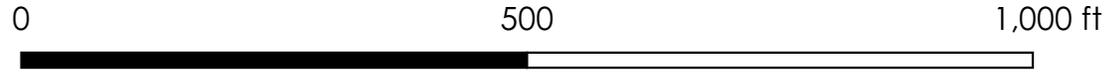
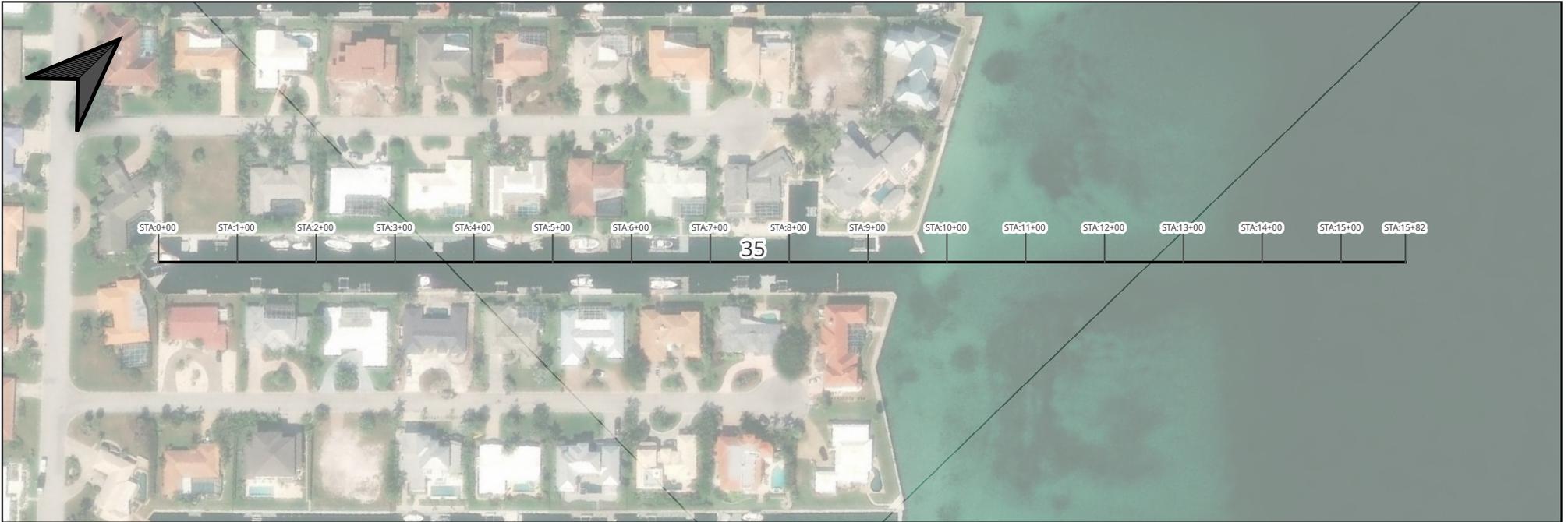
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	599 cy	SB Profile
2019	851 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.7 ft MLW at STA 9+85

# Canal 35



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Maintain mouth to 6ft, interior to 5 ft

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

Vessel  
 Length: 24 ft      Transiting  
 Beam: 9 ft          A - Unrestricted  
 Draft: 3.5 ft  
  
Meeting  
 B - As expected  
  
Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
  
 Anticipated Completion: TBD  
  
 Notes:

**Canal**

**36**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Chipping Ln / Wedge Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -6 MLW

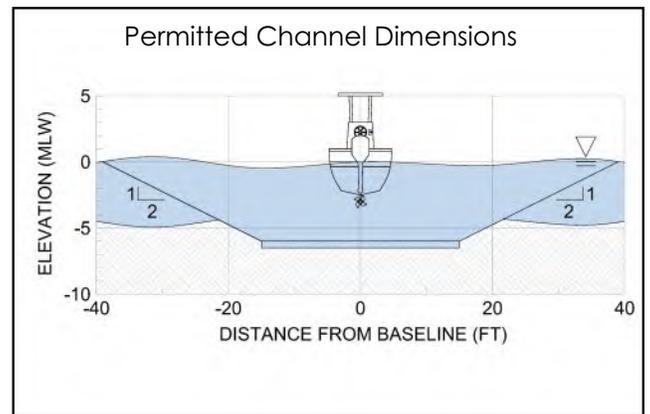
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1615 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: One large class vessel docked in canal

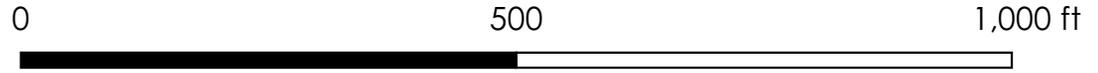
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	800 cy	SB Profile
2019	884 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.6 ft MLW at STA 9+80

# Canal 36



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Maintain mouth to 6ft, interior to 5 ft

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**37**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Wedge Ln / Birdie Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -6 MLW

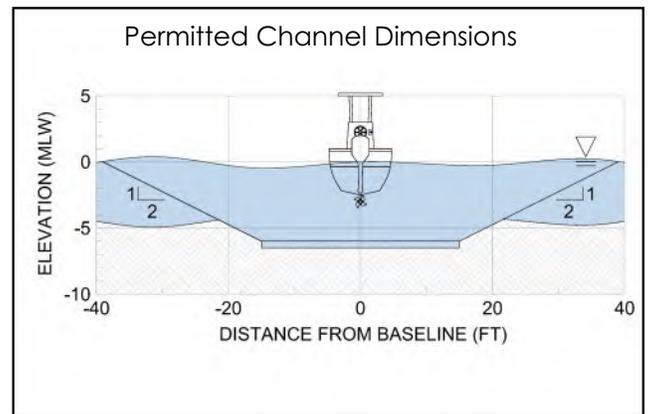
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1676 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>B</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

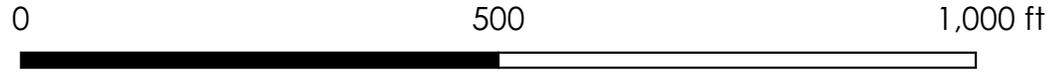
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	663 cy	SB Profile
2019	893 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.5 ft MLW at STA 10+35

# Canal 37



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Maintain mouth to 6ft, interior to 5 ft

## Nav. Score After Maintenance

Current  $\rightarrow$  Completed  
 B  $\rightarrow$  B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**38**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Birdie Ln / Putting Green Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -6 MLW

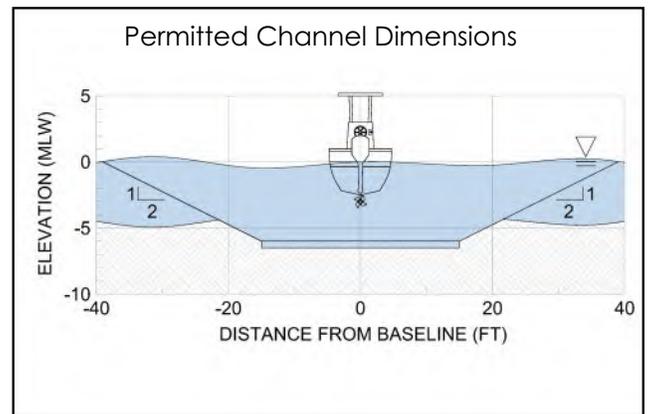
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1676 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes:

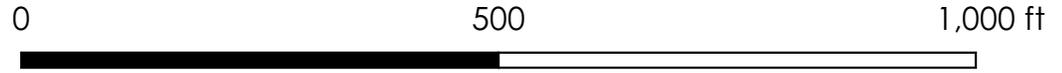
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	1,186 cy	SB Profile
2019	896 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.1 ft MLW at STA 10+35

# Canal 38



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Maintain mouth to 6ft, interior to 5 ft

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**39**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Putting Green Ln / Yardarm Ln

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

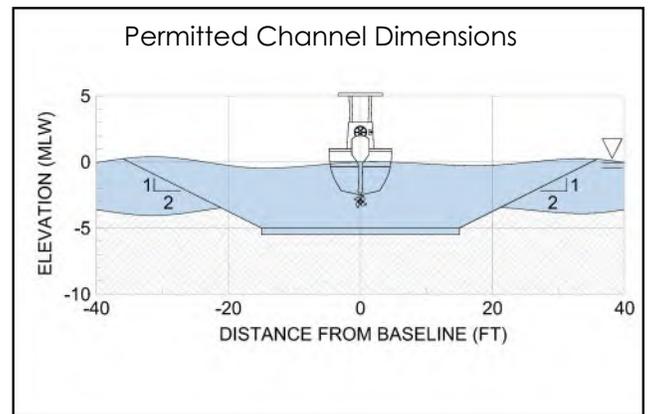
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1744 ft



Last Maintained: xx-xxxx

Navigation Score

<u>Canal Nav Score</u>	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Restricted equipment access

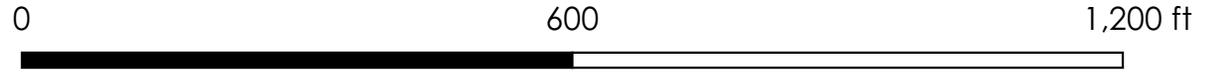
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	200 cy	SB Profile
2019	901 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.9 ft MLW at STA 10+50

# Canal 39



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**40**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Yardarm Ln / Bowspirit Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

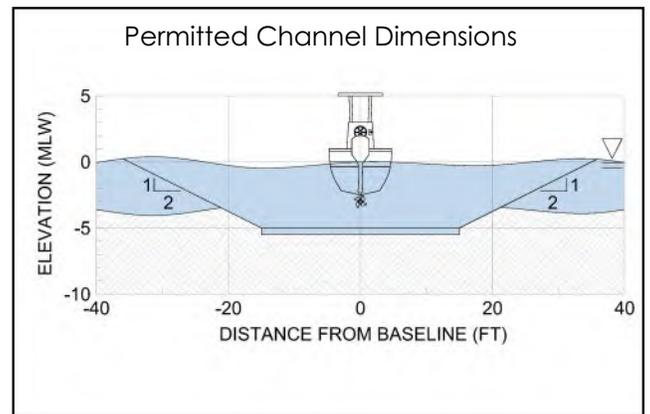
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1867 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>B</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Restricted equipment access

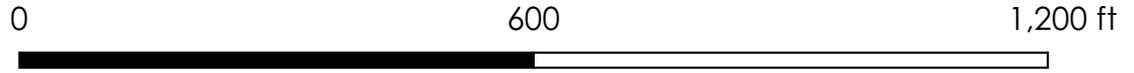
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	267 cy	SB Profile
2019	908 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.7 ft MLW at STA 11+40

# Canal 40



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**41**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Bowspirit / Ranger Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

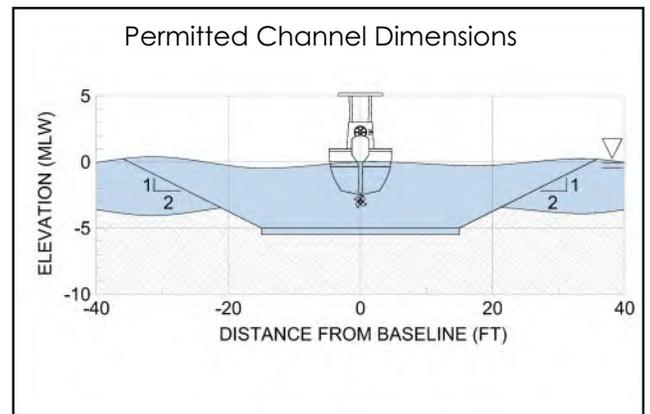
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1991 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Restricted equipment access

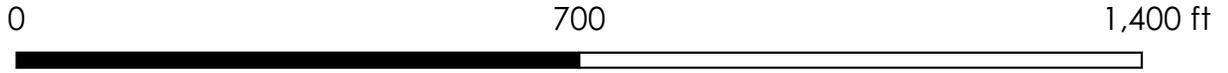
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	204 cy	SB Profile
2019	934 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.1 ft MLW at STA 12+58

# Canal 41



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**42**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Ranger Ln / Haylard Ln

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

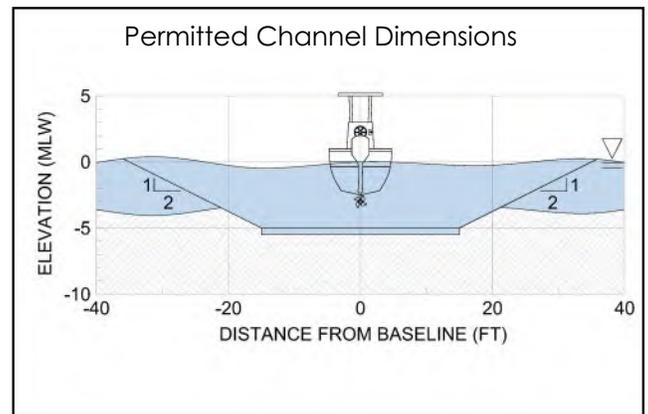
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 2117 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density: None

Notes: Restricted equipment access

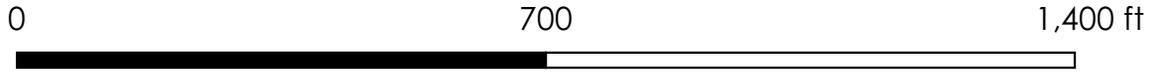
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	236 cy	SB Profile
2019	981 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.8 ft MLW at STA 13+48

# Canal 42



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**43**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Haylard Ln / Spinnaker Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage, Transit

Density of Water Access: 75%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

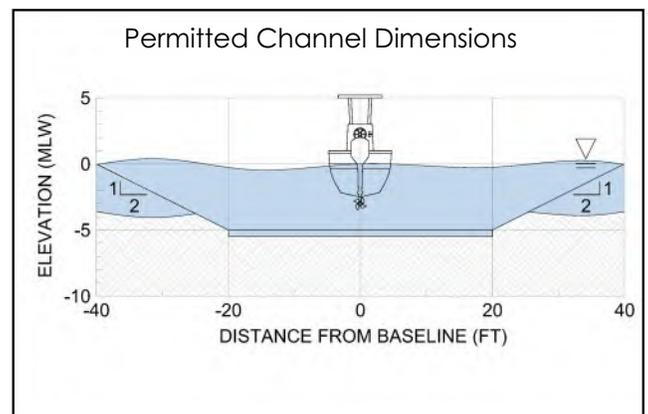
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1843 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B+</b>	<b>B+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: Adequate

Notes:

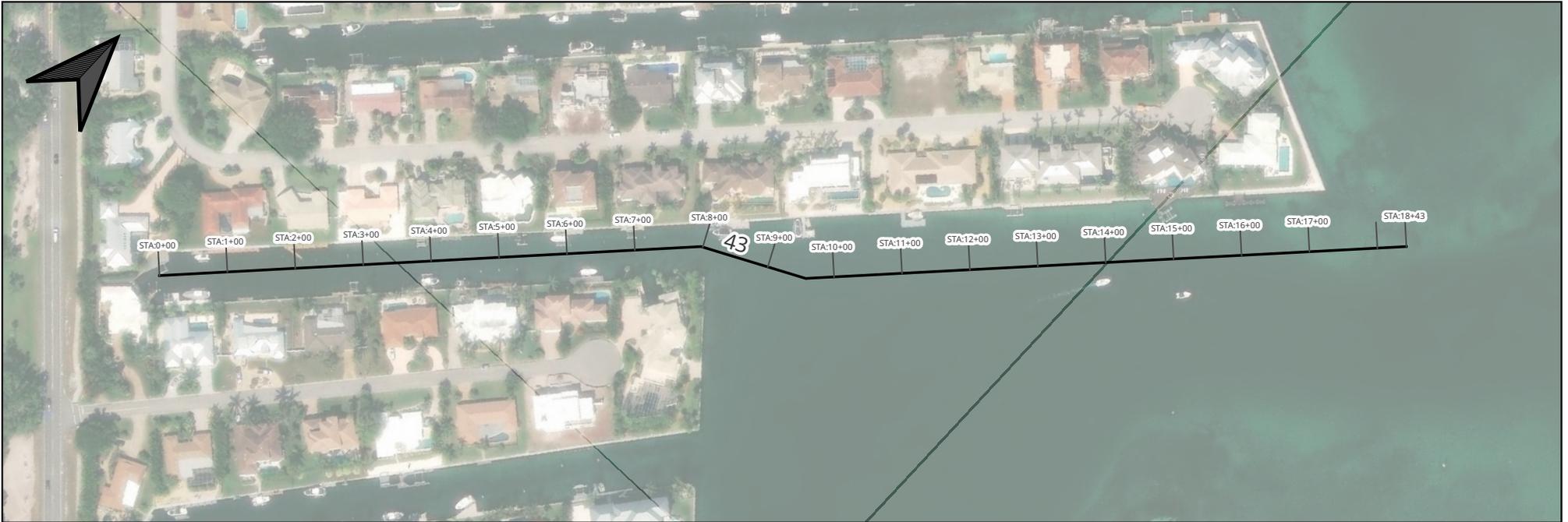
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	292 cy	SB Profile
2019	1,234 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.5 ft MLW at STA 1+00

# Canal 43



## Maintenance Plan

Maintained Width: 40 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Consider splitting in the future

## Nav. Score After Maintenance

Current → Completed  
 B+ → B+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**44**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Spinnaker Ln / Hornblower Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: Dock/Lift

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

**Existing Permit Info**

Permit Depth: -5 MLW

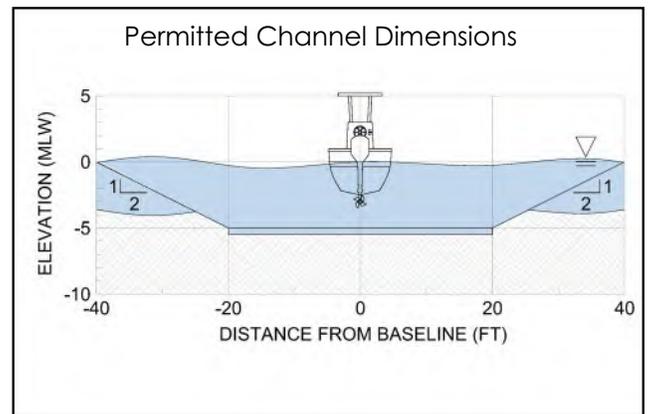
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 967 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: B - As expected

Marker Density: None

Notes:

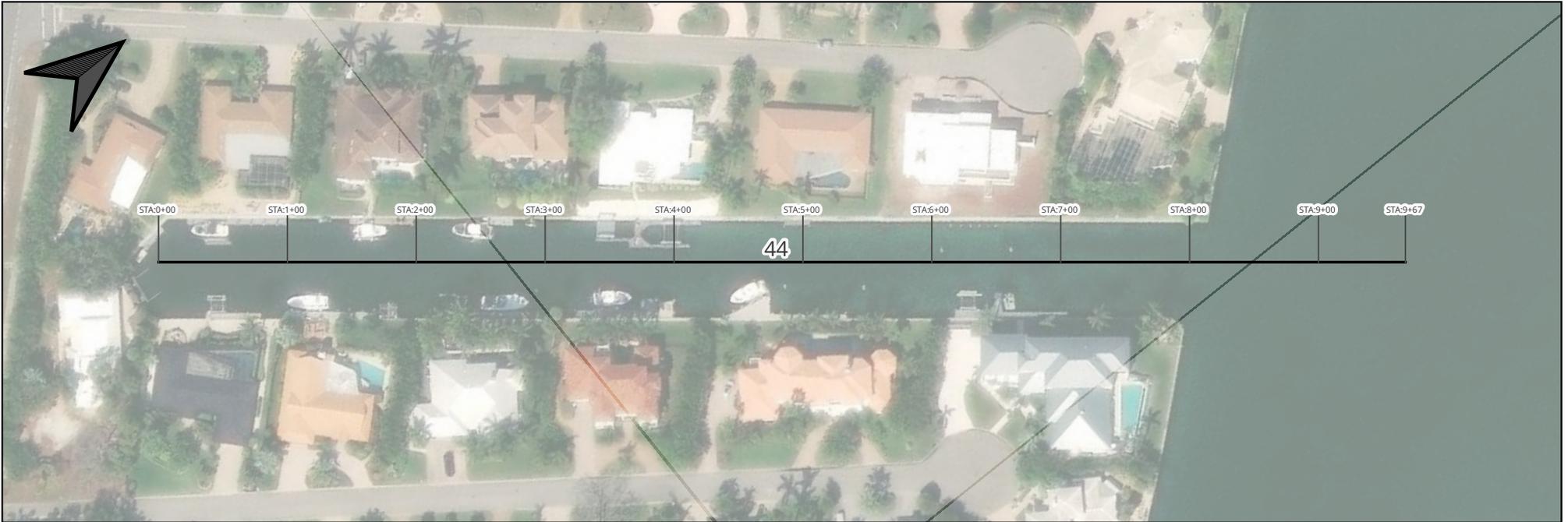
**Survey Info**

Survey Date	Volume	Survey Type
Mar 2024	307 cy	SB Profile
2019	592 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.4 ft MLW at STA 7+25

# Canal 44



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	B - As expected

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**45**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Hornblower Ln / Gunwale Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

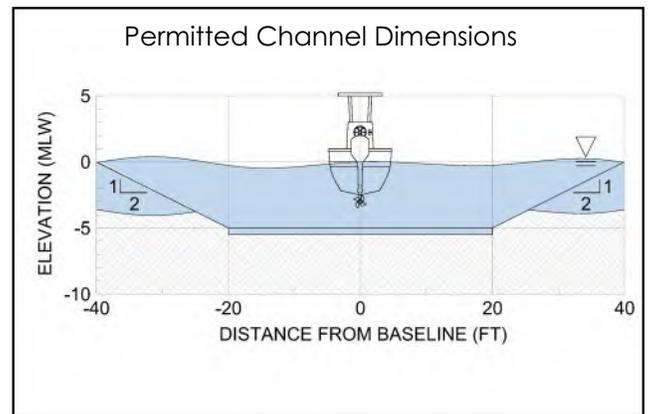
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 980 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	123 cy	SB Profile
2019	607 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -5 ft MLW at STA 7+65

# Canal 45



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**46**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Gunwale Ln/ Outrigger Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

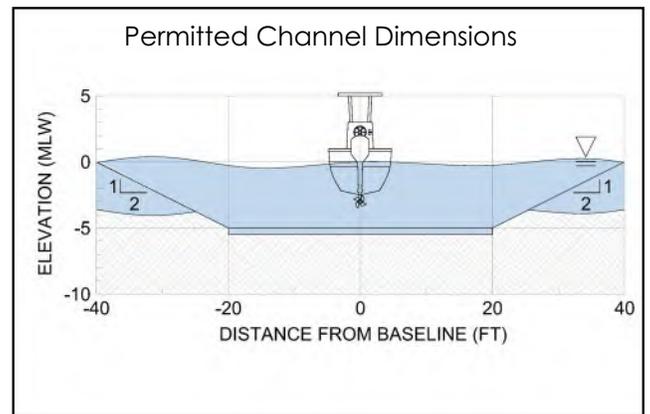
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1031 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

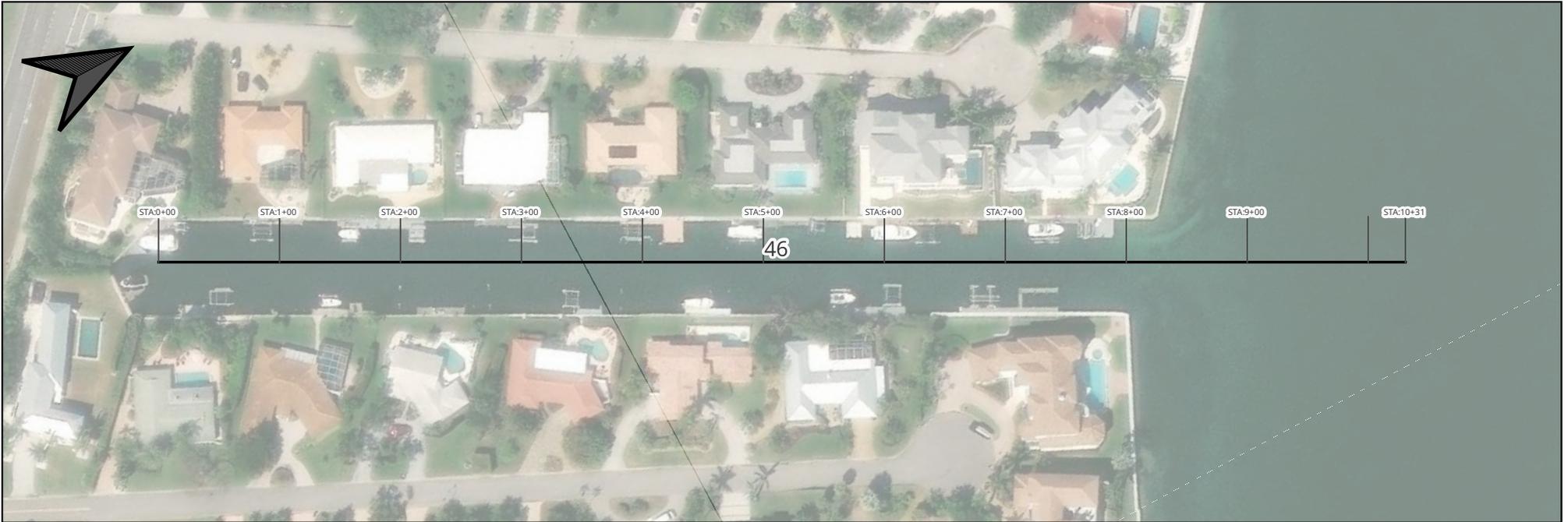
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	94 cy	SB Profile
2019	672 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.5 ft MLW at STA 8+20

# Canal 46



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**47**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Outrigger Ln / Cutter Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

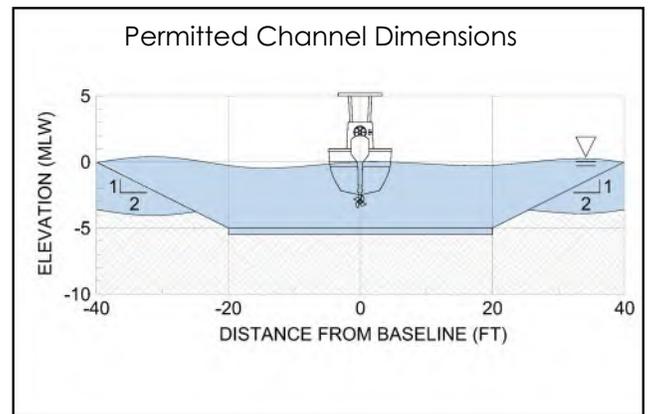
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1093 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

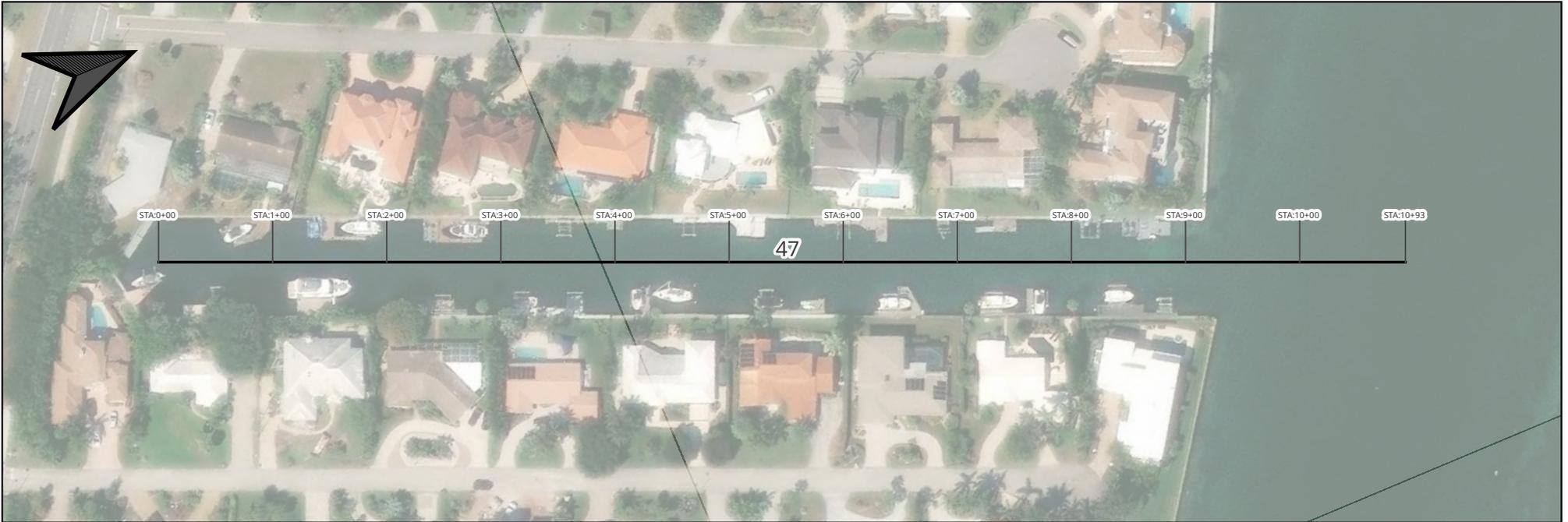
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	143 cy	SB Profile
2019	766 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.6 ft MLW at STA 5+00

# Canal 47



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**48**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Cutter Ln / Yawl Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

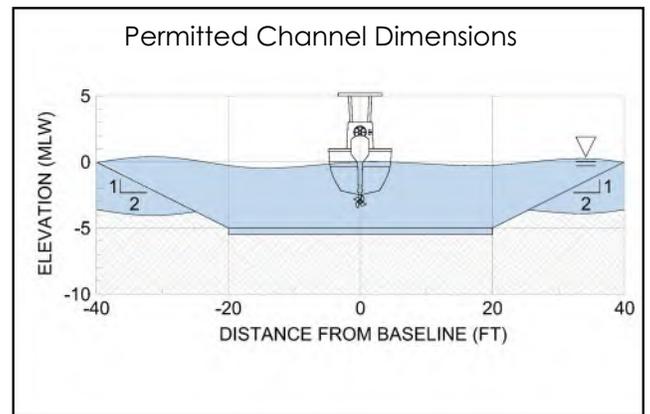
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 1066 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	258 cy	SB Profile
2019	649 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.1 ft MLW at STA 9+10

# Canal 48



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**49**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Yawl Ln / Ketch Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

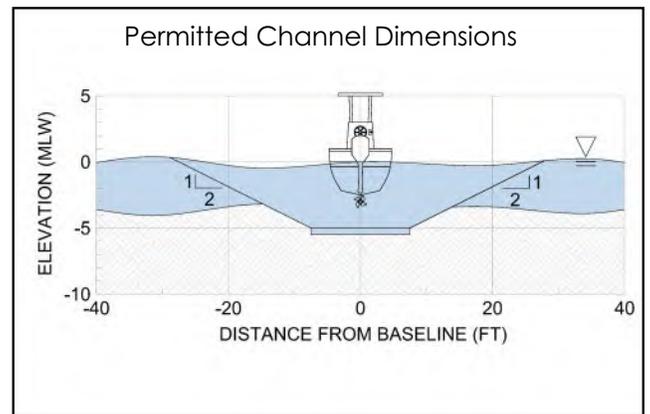
Permit Width: 15 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001 / 41-0380753-001- EI

Permit Expiration: 9/18/2025

Length of Canal: 893 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: None

Notes:

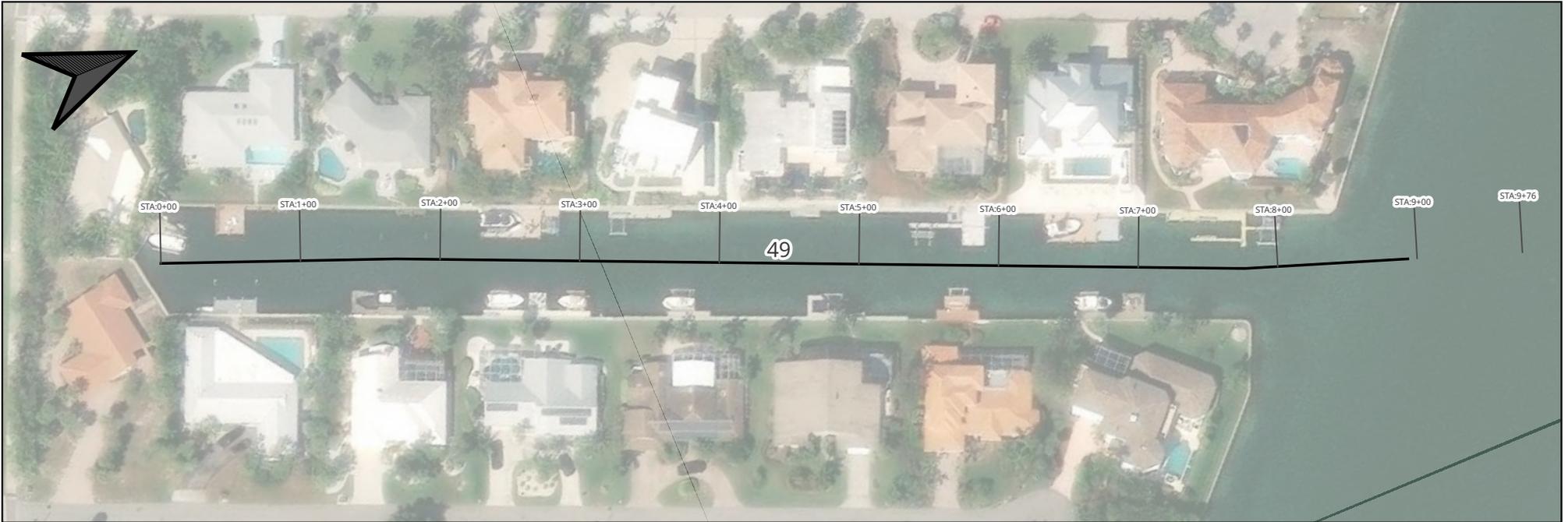
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	386 cy	SB Profile
2019	681 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.2 ft MLW at STA 7+50

# Canal 49



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 A - Unrestricted

Meeting  
 B - As expected

Maneuvering  
 C - local knowledge

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**50**



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Ketch Ln / Schooner Ln

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

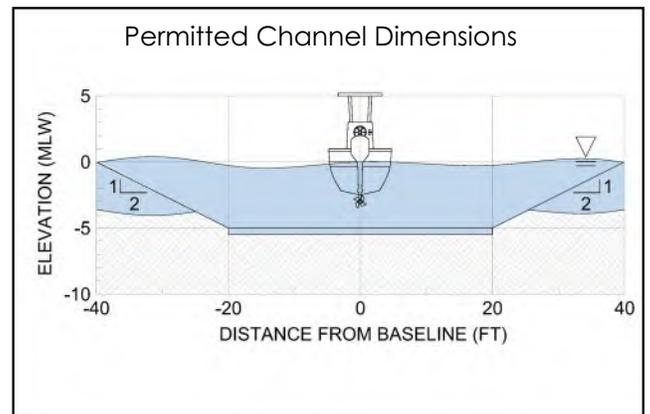
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-002

Permit Expiration: 8/8/2007

Length of Canal: 829 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

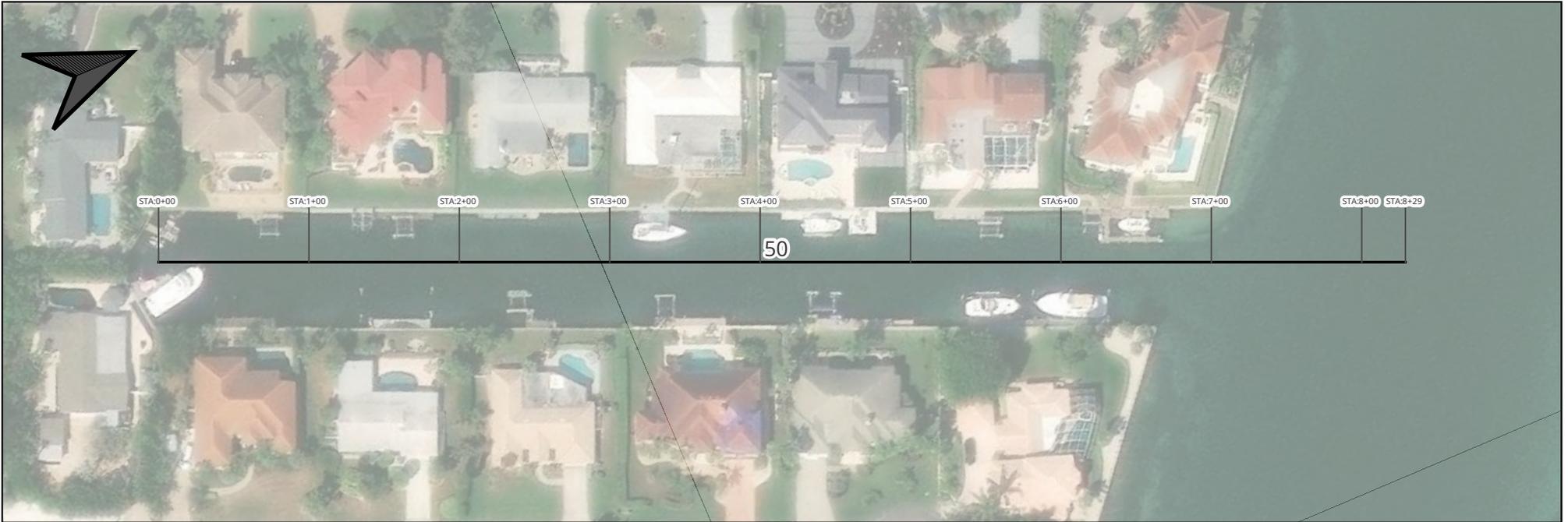
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	103 cy	SB Profile
2019	520 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.6 ft MLW at STA 6+75

# Canal 50



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

# Canal

# 51



Canal Group: 6

Subdivision: COUNTRY CLUB SHORES

Funding Category: Blue

Cross Streets: Sloop Ln / Ketch Ln

## Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

## Design Parameters

### Existing Permit Info

Permit Depth: -5 MLW

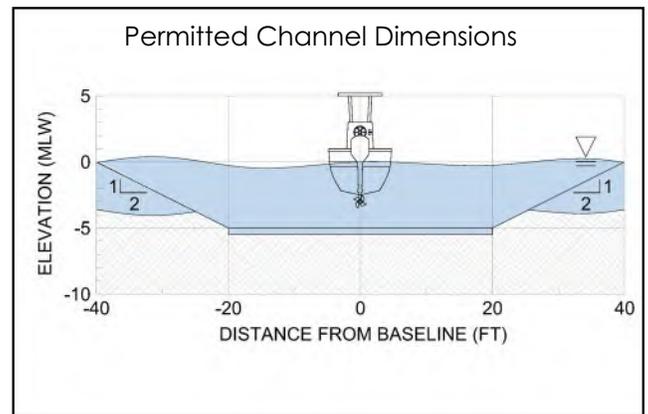
Permit Width: 40 FT

Placement Area: N/A

Existing Permits: FDEP: 58-01637883-001

Permit Expiration: 3/30/2005

Length of Canal: 728 ft



Last Maintained: xx-xxxx

## Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>A</b>	<b>A</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

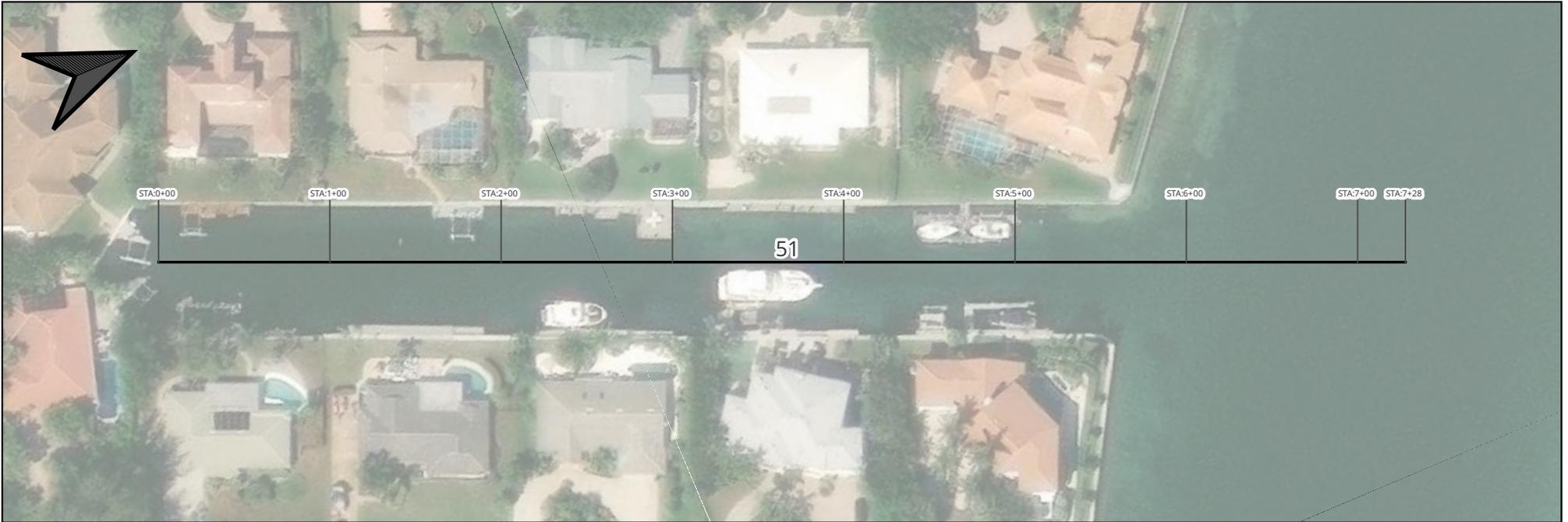
## Survey Info

Survey Date	Volume	Survey Type
Mar 2024	193 cy	SB Profile
2019	460 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -4.4 ft MLW at STA 5+31

# Canal 51



## Maintenance Plan

Maintained Width: 20 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A → A

## Maintenance Goal

Vessel  
 Length: 24 ft      Transiting  
 Beam: 9 ft          A - Unrestricted  
 Draft: 3.5 ft  
  
Meeting  
 A - Unrestricted  
  
Maneuvering  
 A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
  
 Anticipated Completion: TBD  
  
 Notes:

**Canal**

**52**



Canal Group: 6

Subdivision: BAY HARBOUR APTS

Funding Category: Blue

Cross Streets: Channel Lane

**Existing Conditions:**

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: -5 MLW

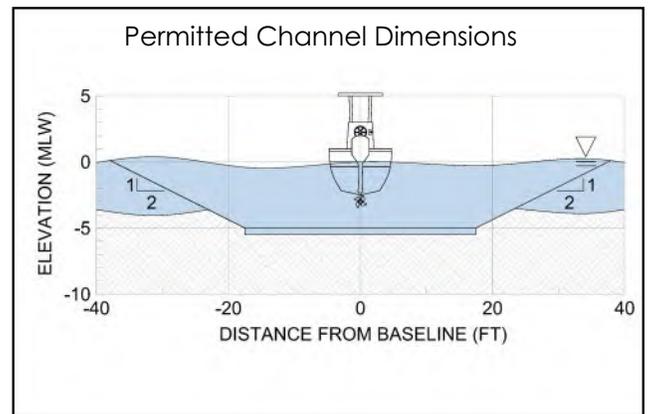
Permit Width: 35 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: 7/20/2026

Length of Canal: 449 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>B</b>	<b>C+</b>

Transiting: A - Unrestricted

Meeting/Overtaking: A - Unrestricted

Maneuvering/docking: A - Unrestricted

Marker Density: None

Notes:

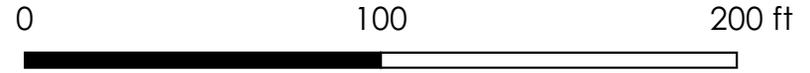
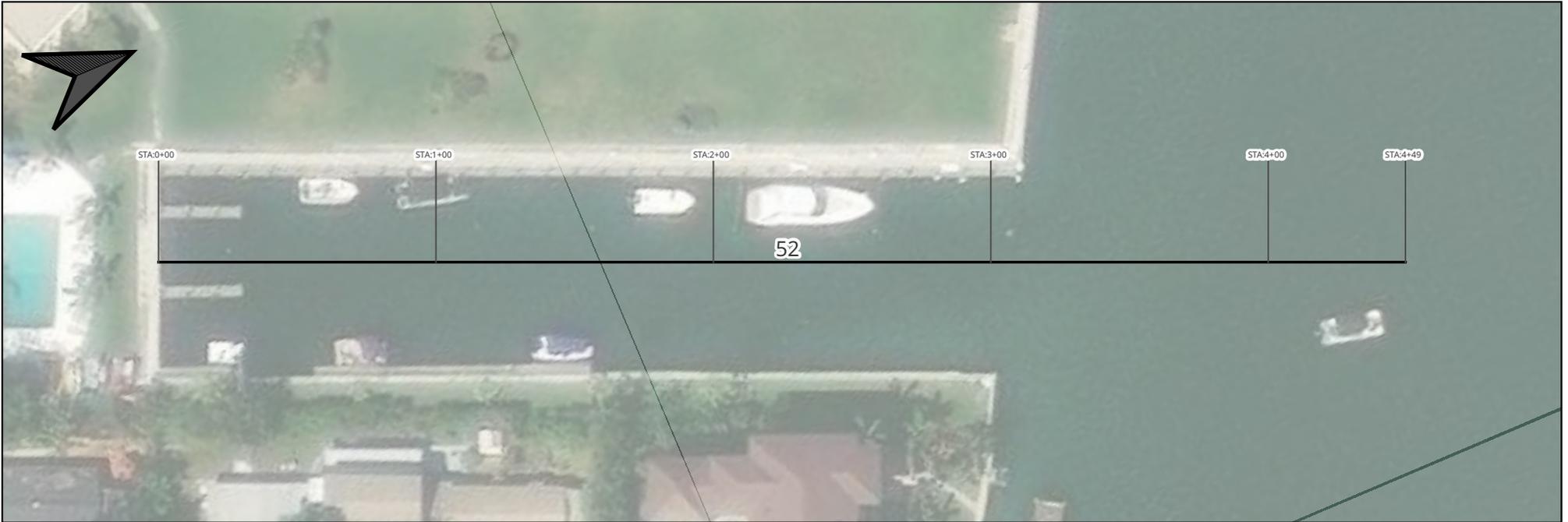
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	71 cy	SB Profile
2019	248 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -6.3 ft MLW at STA 2+75

# Canal 52



## Maintenance Plan

Maintained Width: 35 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 C+ → B

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	A - Unrestricted
	<u>Maneuvering</u>
	A - Unrestricted

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**53**



Canal Group: 6

Subdivision: BOATHOUSE ON LONGBOAT - Marina Slip

Funding Category: Blue

Cross Streets: Sloop Ln / Channel Ln

Existing Conditions:

Primary Usage: Mooring/Dockage

Density of Water Access: 90%

Noted Damage to Structures:

Notable Exposures: None

Impediments: None

Avg Vessel Beam: 7 - 10 ft

Avg Vessel Draft: 2 - 4 ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

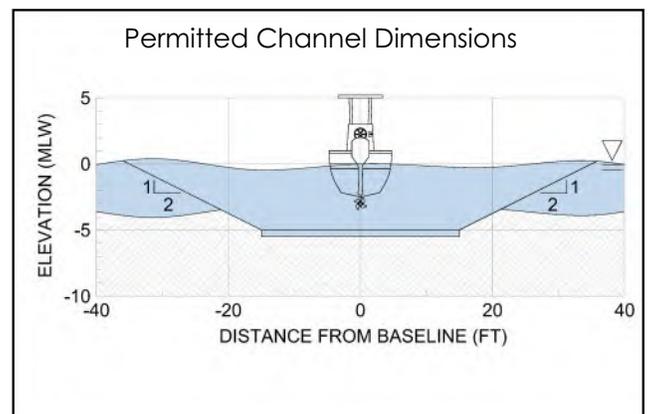
Permit Width: 30 FT

Placement Area: N/A

Existing Permits: USACE: 20000050

Permit Expiration: 7/20/2026

Length of Canal: 201 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>A-</b>

Transiting: B - As expected

Meeting/Overtaking: B - As expected

Maneuvering/docking: C - local knowledge

Marker Density:

Notes: Haul out slip for marina.

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	19 cy	SB Profile
2019	71 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -3.8 ft MLW at STA 0+10

# Canal 53



## Maintenance Plan

Maintained Width: 30 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work:

## Nav. Score After Maintenance

Current → Completed  
 A- → A

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	A - Unrestricted
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	B - As expected
	<u>Maneuvering</u>
	C - local knowledge

## Work Status

Designed: Yes  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**54**



Canal Group: 6

Subdivision: Halyard South to Sarasota Bay

Funding Category: Red

Cross Streets:

**Existing Conditions:**

Primary Usage: Mooring/Dockage, Transit

Density of Water Access: 10%

Noted Damage to Structures: No

Notable Exposures: Waves, Wind

Impediments: None

Avg Vessel Beam: 10+ ft

Avg Vessel Draft: 4+ ft

Mapped Seagrass: None Mapped

Date of Last Field Assessment: 14-Mar-24

**Design Parameters**

Existing Permit Info

Permit Depth: N/A

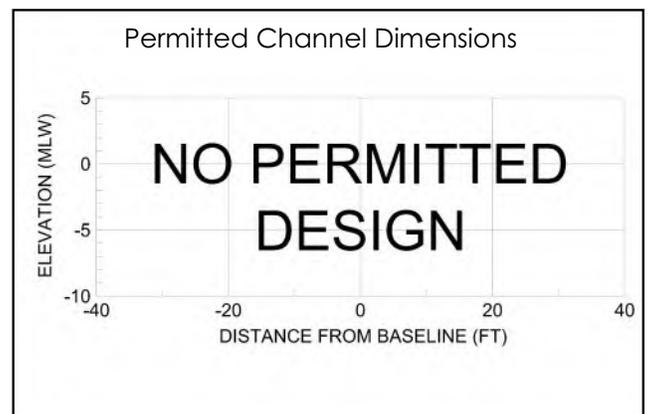
Permit Width: N/A

Placement Area: N/A

Existing Permits: No Permit History

Permit Expiration: N/A

Length of Canal: 6056 ft



Last Maintained: xx-xxxx

**Navigation Score**

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>D-</b>

Transiting: B - As expected

Meeting/Overtaking: C - local knowledge

Maneuvering/docking: D - Conditionally Restricted

Marker Density: Dense

Notes: Channel baseline appears to end prior to federal channel

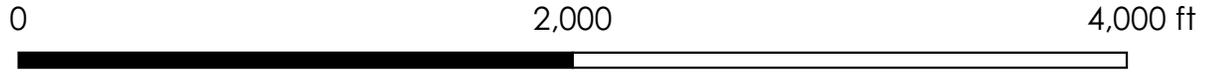
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	0 cy	SB Profile
2019	12,081 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -7.6 ft MLW at STA 58+60

# Canal 54



## Maintenance Plan

Maintained Width: 40 FT  
 Maintained Depth: -6.00 MLW  
 Monitoring Frequency: 2 years  
 Dredging Required: None  
 Min Dredge Target: -5.75 MLW  
 Number of Segments: 0  
 Dredge Length: 0 FT  
 Additional Work: Recommend extending maintained channel 300 ft to the south during future project

## Nav. Score After Maintenance

Current → Completed  
 D- → C+

## Maintenance Goal

Vessel  
 Length: 35 ft  
 Beam: 14 ft  
 Draft: 5.5 ft

Transiting  
 B - As expected

Meeting  
 C - local knowledge

Maneuvering  
 D - Conditionally Restricted

## Work Status

Designed: No  
 Permitted: No  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**

**55**



Canal Group: 7

Subdivision: LIGHTHOUSE POINT

Funding Category:  
Blue/Red

Cross Streets: Lighthouse Point Drive

Existing Conditions:

Primary Usage: Mooring/Dockage, Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 30%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: Current, Obstacle, Waves, Wind

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

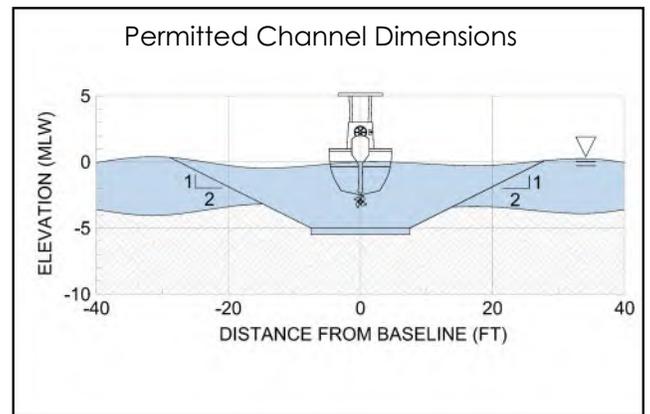
Permit Width: 15 FT

Placement Area: N/A

Existing Permits: FDEP: 41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 2329 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>D-</b>

Transiting: C - local knowledge

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: F - Not Navigable

Marker Density: None

Notes: Significant seagrass observed

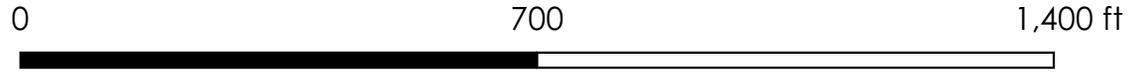
Survey Info

Survey Date	Volume	Survey Type
Mar 2024	176 cy	SB Profile
2019	5,814 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -2.9 ft MLW at STA 21+34

# Canal 55



## Maintenance Plan

Maintained Width: 15 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Recommend adding navigational markers

## Nav. Score After Maintenance

Current → Completed  
 D- → C+

## Maintenance Goal

Vessel  
 Length: 24 ft  
 Beam: 9 ft  
 Draft: 3.5 ft

Transiting  
 B - As expected

Meeting  
 C - local knowledge

Maneuvering  
 D - Conditionally Restricted

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes:

**Canal**  
**55A**



Canal Group: 7

Subdivision: LIGHTHOUSE POINT

Funding Category: Green

Cross Streets: Lighthouse Point Drive

Existing Conditions:

Primary Usage: Mooring/Dockage, Recreation, Transit

Avg Vessel Beam: 7 - 10 ft

Density of Water Access: 50%

Avg Vessel Draft: 2 - 4 ft

Noted Damage to Structures: No

Mapped Seagrass: Yes

Notable Exposures: Current, Obstacle, Waves, Wind

Impediments: Seagrass, Shoal

Date of Last Field Assessment: 14-Mar-24

Design Parameters

Existing Permit Info

Permit Depth: -5 MLW

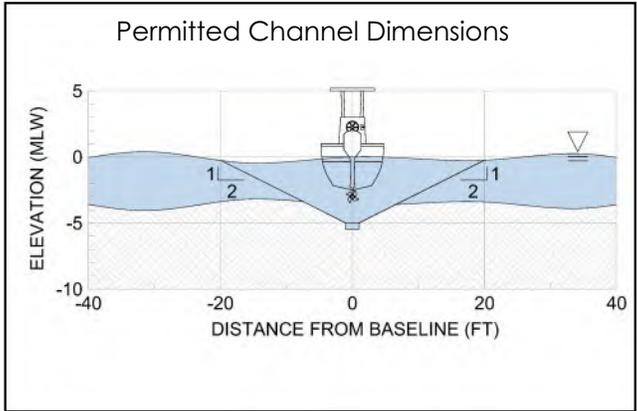
Permit Width: 2 FT

Placement Area: N/A

Existing Permits: FDEP: 41-0380753-001-EI

Permit Expiration: 9/18/2025

Length of Canal: 779 ft



Last Maintained: xx-xxxx

Navigation Score

Canal Nav Score	
Max with Current Design	Current Score
<b>C+</b>	<b>D-</b>

Transiting: C - local knowledge

Meeting/Overtaking: D - Conditionally Restricted

Maneuvering/docking: D - Conditionally Restricted

Marker Density: Adequate

Notes:

Survey Info

Survey Date	Volume	Survey Type
Mar 2024	165 cy	SB Profile
2019	645 cy	Est. from OPCC (Taylor)

\*Volume presented represents total volume to permitted design. If no permitted design exists, volumes are based on maintenance plan below.

Limiting Depth at last Survey: -1.2 ft MLW at STA 3+00

# Canal 55A



## Maintenance Plan

Maintained Width: 2 FT  
 Maintained Depth: -5.00 MLW  
 Monitoring Frequency: 1 year  
 Dredging Required: Yes  
 Min Dredge Target: -4.75 MLW  
 Number of Segments: Determine during future project  
 Dredge Length: Determine during future project  
 Additional Work: Look at alignment in the future, possible widening

## Nav. Score After Maintenance

Current → Completed  
 D- → C+

## Maintenance Goal

<u>Vessel</u>	<u>Transiting</u>
Length: 24 ft	B - As expected
Beam: 9 ft	
Draft: 3.5 ft	
	<u>Meeting</u>
	C - local knowledge
	<u>Maneuvering</u>
	D - Conditionally Restricted

## Work Status

Designed: Yes  
 Permitted: Partially  
 Mitigated: Not Confirmed  
 Funded: No  
 Anticipated Completion: TBD  
 Notes: