

M E M O R A N D U M

To: Howard Tipton, Town Manager
From: Charles Mopps, Assistant Public Works Director
Report date: October 25, 2023
Meeting date: November 6, 2023
Subject: Canal Navigation Maintenance Program Update

Recommended Action

Approve the funding methodology and proceed to community workshops.

Background

At the March 22, 2021, Regular Workshop Meeting, staff updated the Commission on further development of the program including the determination that the Town canals generally fall into one of three (3) categories:

- Access channels, generally perpendicular to the island, providing access to the Bay and Intercoastal Waterway (similar to an arterial roadway).
- Perimeter channels, generally parallel to the island, connecting to and collecting from residential canals, restaurants, and commercial marinas to the rest of the island and to the bay access channels (similar to a collector roadway).
- Local, residential canals, typically dead end, and serving a specific group of residences (similar to a dead-end local roadway).

Staff also discussed the history of the Town's efforts on attempting to develop a Navigation Maintenance Program, the Navigation Maintenance Program Management approaches, and various funding approaches for the program. At that meeting, consensus was given to hire a consultant to move the program forward.

Taylor Engineering (Taylor) and its subcontractor, Anser Advisory, formally Government Services Group (GSG) was retained to assist the Town in the development of an assessment program(s) to fund localized canal navigation maintenance and capital improvements that will be collected on the November 2024 tax bill. At the March 20, 2023, Town Commission Regular Workshop Meeting, Taylor and Anser presented a path forward to establish funding for a Navigation Maintenance Program, Phase I. The Consultants will present the results of the Phase II efforts.

Phase I efforts are complete. These efforts included the review of Town provided information detailing the assessment process for the Town's beach nourishment program and underground utility program. Taylor developed a GIS database to inventory the individual canals and classify them as public or private ownership,

and by use (access channels, perimeter channels, and local canals). Taylor segregated these canals into seven groups that will facilitate maintenance logistics. The results of these efforts were discussed with Town staff to help plan a path forward to develop a funding program to ensure the continued maintenance of the navigation components of the canal system.

Phase II is in progress and is developing the funding program. This includes estimating navigation maintenance costs and determining applicable methodology to distribute the costs to the appropriate canal groups. Taylor and Anser is using these costs to determine preliminary revenue requirements and proforma schedule of rates. Community outreach will include initial and assessment workshops, subgroup meetings, and final memorandum presentations to the Town Commission.

Phase III will include program implementation and will run into 2024. Significant tasks will include updating preliminary assessment rolls, ordinance development, developing assessment resolutions, assisting with the rate adoption process, and creating final assessment rolls. Finally, using the final assessment rolls, Anser will certify, export, and transmit the final assessment rolls to the Sarasota and Manatee County Tax Collectors by September 15, 2024.

Next Steps

Move forward with the conclusion of Phase II, including all remaining tasks and if approved, move through Phase III of the Funding Program Development.

Staff Recommendation

Approve the funding methodology and proceed to community workshops.

Attachments

- A. Summary Memo, Taylor Engineering, Inc.
- B. Canal Grouping Overview
- C. PowerPoint Presentation
- D. Assessable Budgets Back Up
- E. Dredging Cost Breakdown Back Up
- F. Inflation Adjusted Cost Breakdown Back Up



Presentation Summary Memo

To: Charlie Mopps,
Assistant Public Works Director
Town of Longboat Key Public Works

From: Terry Cake, P.E., Senior Project Engineer

Date: October 26, 2023

Re: Longboat Key Funding Program for Canal Maintenance

The Town of Longboat Key, Florida seeks to develop its Canal Navigation Maintenance and Management Plan for future maintenance dredging needs to support navigation within the Town's 81 access, perimeter, and local canals. Taylor Engineering (Taylor) and its subcontractor, Anser Advisory, is assisting the Town in the development of an assessment program(s) to fund localized canal navigation maintenance and capital improvements that will be collected on the November 2024 tax bill. At the November 6th Town Commission meeting, Taylor and Anser will present the results of the tasks performed to date and the proposed path forward to implement this program.

Phase I efforts are complete. These efforts included the review of Town provided information detailing the assessment process for the Towns' beach nourishment program and underground utility program. Taylor developed a GIS database to inventory the individual canals and classify them as public or private ownership, and by use (access channels, perimeter channels, and local canals) and benefit (general, cost-share, and direct). Taylor segregated these canals into seven groups that will facilitate funding and maintenance logistics. The results of these efforts were discussed with Town staff to help develop a path forward to complete a funding program that will ensure the continued maintenance of the navigation components of the canal system.

The majority of the Phase II tasks to develop the funding program are complete or nearing completion. These tasks include estimating navigation maintenance costs and determining applicable methodology to distribute the costs to the appropriate canal groups and tax parcels. Taylor and Anser used these costs to determine preliminary revenue requirements and proforma schedule of rates. Community outreach will include initial and assessment workshops, subgroup meetings, and final memorandum presentations to the Town Commission.

Phase III will include program implementation and will run into 2024. Significant tasks will include updating preliminary assessment rolls, ordinance development, developing assessment resolution, assisting with the rate adoption process, and creating final assessment rolls. Finally, using the final assessment rolls, GSG will certify, export and transmit the final assessment rolls to the Sarasota and Manatee County Tax Collectors by September 15, 2024.



Group 1

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

MANATEE COUNTY
SARASOTA COUNTY

Legend

- Access Channel - General Benefit
- Arterial Channel - Cost Share Benefit
- Local Canal - Direct Benefit
- County Boundary

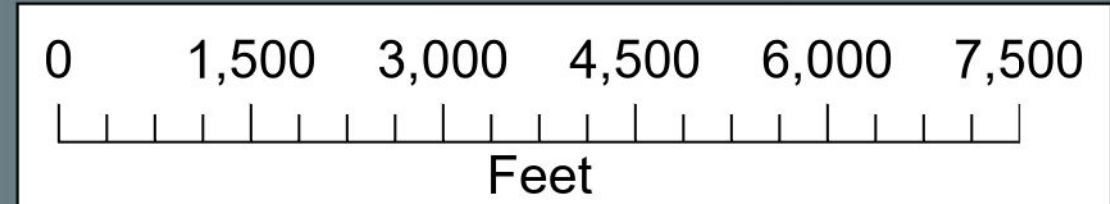




IMAGE SOURCE: FDOT 2020



Taylor Engineering, Inc.
10199 Southside Blvd.
Suite 310
Jacksonville, FL 32256

LONGBOAT KEY
PRELIMINARY CANAL
TYPE CLASSIFICATION

CANAL GROUP 1



SARASOTA COUNTY &
MANATEE COUNTY, FL

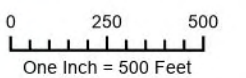


LOCATOR MAP

Image Source on Locator Map: World Imagery;
Source: Esri, Maxar, Earthstar Geographics, and
the GIS User Community

CANAL CLASSIFICATION

- Access Channel - General Benefit
- Arterial Channel - Cost Share Benefit
- Local Canal - Direct Benefit



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|----------|-------------|
| PROJECT | C2022-032 |
| DRAWN BY | PL |
| DATE | 10/25/2023 |
| DATUM | NAD83, MLLW |
| SHEET | 1 of 11 |



IMAGE SOURCE: FDOT 2020



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LONGBOAT KEY
PRELIMINARY CANAL
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CANAL GROUP 2



SARASOTA COUNTY &
MANATEE COUNTY, FL

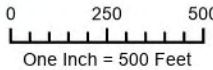


LOCATOR MAP

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CANAL CLASSIFICATION

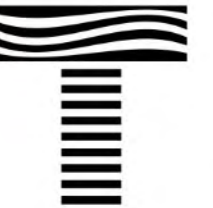
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| SHEET | 2 of 11 |



IMAGE SOURCE: FDOT 2020



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LONGBOAT KEY
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CANAL GROUP 3



SARASOTA COUNTY &
MANATEE COUNTY, FL

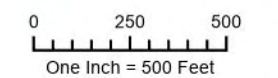


LOCATOR MAP

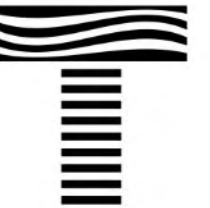
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CANAL CLASSIFICATION

- Access Channel - General Benefit
- Arterial Channel - Cost Share Benefit
- Local Canal - Direct Benefit



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LONGBOAT KEY
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CANAL GROUP 4



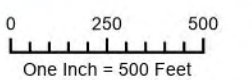
SARASOTA COUNTY &
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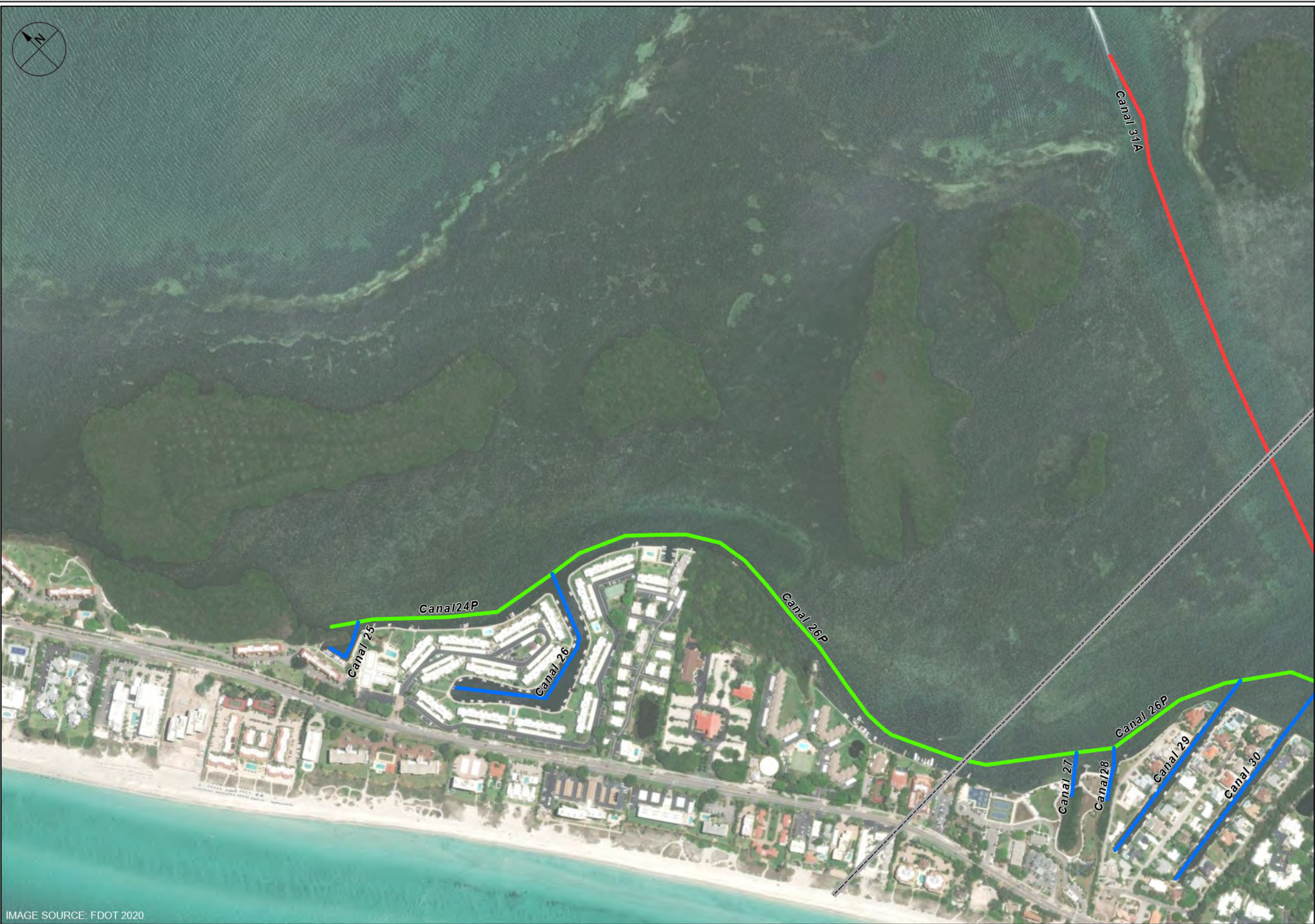


IMAGE SOURCE: FDOT 2020



IMAGE SOURCE: FDOT 2020



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LONGBOAT KEY
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CANAL GROUP 4



SARASOTA COUNTY &
MANATEE COUNTY, FL

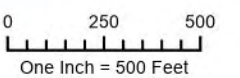


LOCATOR MAP

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CANAL CLASSIFICATION

- Access Channel -
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- Arterial Channel -
Cost Share Benefit
- Local Canal -
Direct Benefit



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| SHEET | 5 of 11 |



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LONGBOAT KEY
PRELIMINARY CANAL
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CANAL GROUP 5



SARASOTA COUNTY &
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CANAL CLASSIFICATION

- Access Channel - General Benefit
- Arterial Channel - Cost Share Benefit
- Local Canal - Direct Benefit

0 250 500
One Inch = 500 Feet

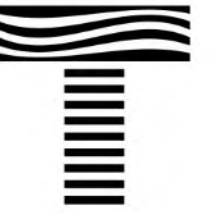
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| SHEET | 6 of 11 |



IMAGE SOURCE: FDOT 2020



IMAGE SOURCE: FDOT 2020



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LONGBOAT KEY
PRELIMINARY CANAL
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CANAL GROUP 5



SARASOTA COUNTY &
MANATEE COUNTY, FL



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CANAL CLASSIFICATION

- Access Channel -
General Benefit
- Arterial Channel -
Cost Share Benefit
- Local Canal -
Direct Benefit

0 250 500
One Inch = 500 Feet

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IMAGE SOURCE: FDOT 2020



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LONGBOAT KEY
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CANAL GROUP 5



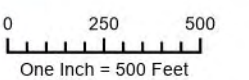
SARASOTA COUNTY &
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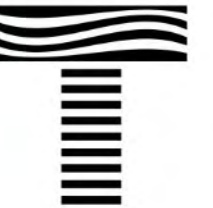
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LONGBOAT KEY
PRELIMINARY CANAL
TYPE CLASSIFICATION

CANAL GROUP 6



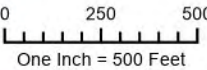
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- Arterial Channel - Cost Share Benefit
- Local Canal - Direct Benefit



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IMAGE SOURCE: FDOT 2020



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LONGBOAT KEY
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CANAL GROUP 6



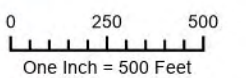
SARASOTA COUNTY &
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CANAL CLASSIFICATION

- Access Channel -
General Benefit
- Arterial Channel -
Cost Share Benefit
- Local Canal -
Direct Benefit



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| SHEET | 10 of 11 |



IMAGE SOURCE: FDOT



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LONGBOAT KEY
PRELIMINARY CANAL
TYPE CLASSIFICATION

CANAL GROUP 7



SARASOTA COUNTY &
MANATEE COUNTY, FL



LOCATOR MAP

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CANAL CLASSIFICATION

- Access Channel -
General Benefit
- Arterial Channel -
Cost Share Benefit
- Local Canal -
Direct Benefit

0 250 500
One Inch = 500 Feet

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| DATE | 10/25/2023 |
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| SHEET | 11 of 11 |



TAYLOR ENGINEERING, INC.

Town of Longboat Key

Canal Navigation Maintenance Funding Program



November 6, 2023

Background

- Plan for sustainable canal funded program
 - Long term solution
 - 2021 Strategic Plan Initiatives
- Important Element of Island Amenities and Ambiance
 - Waterway and bay access for navigation and recreation
 - General benefit
 - Localized benefit
- Inventory (81)
 - Collected Canal and Property Appraiser Data
 - Developed GIS database
 - Field Investigation
 - Preliminary depth
 - Sediment Characteristics
 - Maximize Historic Permitted Depths



March 2023 Direction

- **Develop Canal Navigation Maintenance Assessment Program**
 - **Goals and Objectives**
 - Long-term, sustainable funding for canal navigation maintenance
 - **Perimeter and Access Channels – General Benefit**
 - Ad Valorem Property Taxes
 - Based on taxable value of properties
 - Charter limitation of 5 mills
 - Currently at 1.9600 mills
 - Uniformly applied
 - Infrastructure Surtax – approximately \$100,000 annually (Sarasota Only)
 - Grants
 - **Localized Canals – Direct Benefit**
 - Home Rule Revenue Source
 - Non-ad Valorem Special Assessments

Revised Canal Groupings

- Seven Canal Groups developed based on:
 - Location
 - Construction Logistics
 - Homeowners Groups
 - Staff Review and Input
- Canals assigned general benefit (access channels), cost-sharing benefit (arterial channels), and local benefit.



Engineering Analysis – What was analyzed to develop cost

- Bathymetric Survey
 - Determine actual canal depth
- Natural Resource Survey
 - Seagrass, Mangroves, other
- Design
 - Identify location and volume of required dredging
 - Identify and design placement area(s)
- Permitting
 - FDEP, USACE
 - Required Mitigation
- Construction
 - Dredging and Placement
- Develop Long Term Dredging Management Program
 - Regular surveys and dredging

| CANAL GROUP 5 | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|---------------|---------------------------------------|-----------------------------|------------------|----------------------|--------------------------|-------------------------------------|--|-----------------------|----------------------------|------------------------------------|-----------|-----------|-------------|-------------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Mobil/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administ | Total Estimate - Current F | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 32A | Access Channel - General Benefit | 1,459 | \$44,973 | \$63,797 | \$4,721 | \$12,174 | \$12,656 | \$6,328 | \$145,542 | \$152,237 | \$158,631 | \$164,976 | \$171,575 | \$178,781 |
| 32B | Arterial Channel - Cost Share Benefit | 390 | \$44,973 | \$17,038 | \$1,261 | \$3,085 | \$6,660 | \$3,330 | \$76,585 | \$80,108 | \$83,472 | \$86,811 | \$90,283 | \$94,075 |
| 32B | Local Canal - Direct Benefit | 755 | \$44,973 | \$33,018 | \$2,443 | \$5,378 | \$8,687 | \$4,344 | \$99,906 | \$104,502 | \$108,891 | \$113,247 | \$117,776 | \$122,723 |
| 32P | Arterial Channel - Cost Share Benefit | 3,438 | \$44,973 | \$150,283 | \$11,121 | \$20,546 | \$22,903 | \$11,451 | \$263,382 | \$275,498 | \$287,069 | \$298,552 | \$310,494 | \$323,534 |
| 32P | Local Canal - Direct Benefit | 2,033 | \$44,973 | \$88,858 | \$6,575 | \$12,148 | \$15,380 | \$7,690 | \$176,869 | \$185,005 | \$192,775 | \$200,486 | \$208,506 | \$217,263 |
| 33 | Access Channel - General Benefit | 219 | \$44,973 | \$9,558 | \$707 | \$1,690 | \$5,706 | \$2,853 | \$65,621 | \$68,640 | \$71,523 | \$74,384 | \$77,359 | \$80,608 |
| 33 | Arterial Channel - Cost Share Benefit | 513 | \$44,973 | \$22,433 | \$1,660 | \$3,966 | \$7,335 | \$3,667 | \$84,348 | \$88,228 | \$91,933 | \$95,611 | \$99,435 | \$103,611 |
| 33 | Local Canal - Direct Benefit | 468 | \$44,973 | \$20,449 | \$1,513 | \$3,616 | \$7,084 | \$3,542 | \$81,463 | \$85,210 | \$88,789 | \$92,341 | \$96,035 | \$100,068 |
| 33A | Access Channel - General Benefit | 854 | \$44,973 | \$37,350 | \$2,764 | \$6,262 | \$9,187 | \$4,594 | \$105,653 | \$110,513 | \$115,154 | \$119,760 | \$124,551 | \$129,782 |
| 33B | Arterial Channel - Cost Share Benefit | 4,301 | \$44,973 | \$188,034 | \$13,915 | \$15,579 | \$26,513 | \$13,257 | \$304,905 | \$318,930 | \$332,326 | \$345,619 | \$359,443 | \$374,540 |
| 33C | Local Canal - Direct Benefit | 1,418 | \$44,973 | \$61,977 | \$4,586 | \$5,135 | \$11,754 | \$5,877 | \$135,169 | \$141,387 | \$147,325 | \$153,218 | \$159,347 | \$166,040 |
| 33C | Local Canal - Direct Benefit | 746 | \$44,973 | \$32,630 | \$2,415 | \$2,954 | \$8,343 | \$4,171 | \$95,943 | \$100,356 | \$104,571 | \$108,754 | \$113,104 | \$117,854 |
| 33C | Local Canal - Direct Benefit | 746 | \$44,973 | \$32,609 | \$2,413 | \$2,883 | \$8,333 | \$4,167 | \$95,834 | \$100,242 | \$104,452 | \$108,631 | \$112,976 | \$117,721 |
| 33C | Local Canal - Direct Benefit | 770 | \$44,973 | \$33,651 | \$2,490 | \$2,821 | \$8,441 | \$4,220 | \$97,067 | \$101,532 | \$105,797 | \$110,029 | \$114,430 | \$119,236 |
| 33C | Local Canal - Direct Benefit | 451 | \$44,973 | \$19,731 | \$1,460 | \$1,841 | \$6,828 | \$3,414 | \$78,523 | \$82,135 | \$85,585 | \$89,008 | \$92,568 | \$96,456 |
| 5 | Access Channel - General Benefit | 2,532 | \$134,918 | \$110,705 | \$8,192 | \$20,126 | \$27,549 | \$13,775 | \$316,816 | \$331,389 | \$345,308 | \$359,120 | \$373,485 | \$389,171 |
| | Arterial Channel - Cost Share Benefit | 10,060 | \$224,863 | \$439,765 | \$32,543 | \$48,311 | \$75,164 | \$37,582 | \$864,389 | \$904,151 | \$942,125 | \$979,810 | \$1,019,003 | \$1,061,801 |
| | Local Canal - Direct Benefit | 5,969 | \$314,809 | \$260,946 | \$19,310 | \$32,241 | \$63,096 | \$31,548 | \$725,606 | \$758,983 | \$790,861 | \$822,495 | \$855,395 | \$891,322 |

Program Cost

- Initial Start-up Costs for the engineering, permit, and dredging
 - Approximately - \$16,800,000
- Plus program costs
 - Dedicated staffing
 - Navigational marker repair and maintenance
 - Study and implementation
 - Collection costs

| Canal Group 1 | | | | | | | | | |
|--------------------------|-----------------------|-------------------|--------------------------|-------------------|---------------------------|-----------------------------|--------------------------------|----------------|--|
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$10,533 | \$674,590 | \$751,903 | \$55,641 | \$117,689 | \$161,036 | \$80,518 | \$1,841,376 | |
| 2024 | \$11,018 | \$705,621 | \$786,491 | \$58,200 | \$123,103 | \$168,443 | \$84,222 | \$1,926,080 | |
| 2025 | \$11,400 | \$735,257 | \$819,523 | \$60,645 | \$128,273 | \$175,518 | \$87,759 | \$2,008,888 | |
| 2026 | \$11,940 | \$764,667 | \$852,304 | \$63,071 | \$133,404 | \$182,539 | \$91,269 | \$2,092,888 | |
| 2027 | \$12,417 | \$795,254 | \$886,396 | \$65,593 | \$138,740 | \$189,840 | \$94,920 | \$2,170,744 | |
| 2028 | \$12,939 | \$828,655 | \$923,625 | \$68,340 | \$144,567 | \$197,813 | \$98,907 | \$2,261,915 | |
| Canal Group 2 | | | | | | | | | |
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$9,949 | \$674,590 | \$710,173 | \$52,553 | \$111,157 | \$155,842 | \$77,921 | \$1,782,236 | |
| 2024 | \$10,406 | \$705,621 | \$742,840 | \$54,970 | \$116,271 | \$163,011 | \$81,505 | \$1,864,219 | |
| 2025 | \$10,843 | \$735,257 | \$774,040 | \$57,279 | \$121,154 | \$169,857 | \$84,929 | \$1,942,516 | |
| 2026 | \$11,277 | \$764,667 | \$805,001 | \$59,570 | \$126,000 | \$176,652 | \$88,326 | \$2,020,217 | |
| 2027 | \$11,728 | \$795,254 | \$837,201 | \$61,953 | \$131,040 | \$183,718 | \$91,559 | \$2,101,025 | |
| 2028 | \$12,221 | \$828,655 | \$872,364 | \$64,555 | \$136,544 | \$191,434 | \$95,717 | \$2,189,263 | |
| Canal Group 3 | | | | | | | | | |
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$3,548 | \$674,590 | \$252,244 | \$10,740 | \$20,435 | \$29,876 | \$49,485 | \$1,134,676 | |
| 2024 | \$3,711 | \$705,621 | \$264,393 | \$10,842 | \$21,462 | \$30,529 | \$51,764 | \$1,186,871 | |
| 2025 | \$3,867 | \$735,257 | \$276,010 | \$20,425 | \$42,203 | \$107,577 | \$52,039 | \$1,236,700 | |
| 2026 | \$4,021 | \$764,667 | \$287,059 | \$21,242 | \$44,931 | \$112,192 | \$56,096 | \$1,286,180 | |
| 2027 | \$4,182 | \$795,254 | \$298,542 | \$22,092 | \$46,720 | \$116,640 | \$58,340 | \$1,337,636 | |
| 2028 | \$4,358 | \$828,655 | \$311,000 | \$23,020 | \$48,691 | \$121,580 | \$60,790 | \$1,393,817 | |
| Canal Group 4 | | | | | | | | | |
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$7,766 | \$674,590 | \$554,372 | \$41,023 | \$86,771 | \$136,452 | \$68,226 | \$1,561,434 | |
| 2024 | \$8,123 | \$705,621 | \$579,873 | \$42,911 | \$90,763 | \$142,729 | \$71,365 | \$1,633,260 | |
| 2025 | \$8,464 | \$735,257 | \$604,227 | \$44,713 | \$94,575 | \$148,724 | \$74,362 | \$1,701,157 | |
| 2026 | \$8,803 | \$764,667 | \$628,396 | \$46,501 | \$98,358 | \$154,673 | \$77,336 | \$1,769,932 | |
| 2027 | \$9,155 | \$795,254 | \$653,532 | \$48,361 | \$102,292 | \$160,859 | \$80,430 | \$1,840,729 | |
| 2028 | \$9,540 | \$828,655 | \$680,981 | \$50,393 | \$106,588 | \$167,616 | \$83,808 | \$1,918,040 | |
| Canal Group 5 | | | | | | | | | |
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$27,066 | \$674,590 | \$1,932,236 | \$142,985 | \$302,437 | \$307,932 | \$153,966 | \$3,514,145 | |
| 2024 | \$28,313 | \$705,621 | \$2,021,119 | \$149,563 | \$316,349 | \$322,096 | \$161,048 | \$3,830,100 | |
| 2025 | \$29,502 | \$735,257 | \$2,106,006 | \$155,844 | \$329,636 | \$335,625 | \$167,812 | \$4,147,810 | |
| 2026 | \$30,682 | \$764,667 | \$2,190,246 | \$162,078 | \$342,821 | \$349,049 | \$174,525 | \$4,466,380 | |
| 2027 | \$31,910 | \$795,254 | \$2,274,494 | \$168,311 | \$356,534 | \$363,011 | \$181,506 | \$4,787,122 | |
| 2028 | \$33,250 | \$828,655 | \$2,358,742 | \$174,544 | \$371,500 | \$378,250 | \$189,129 | \$5,109,971 | |
| Canal Group 6 | | | | | | | | | |
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$16,764 | \$674,590 | \$1,196,700 | \$88,556 | \$187,310 | \$216,392 | \$108,196 | \$2,471,743 | |
| 2024 | \$17,535 | \$705,621 | \$1,251,748 | \$92,625 | \$195,926 | \$226,346 | \$113,173 | \$2,681,553 | |
| 2025 | \$18,272 | \$735,257 | \$1,304,321 | \$96,520 | \$204,155 | \$235,852 | \$117,926 | \$2,891,026 | |
| 2026 | \$19,003 | \$764,667 | \$1,356,494 | \$100,331 | \$212,321 | \$245,287 | \$122,643 | \$3,101,793 | |
| 2027 | \$19,763 | \$795,254 | \$1,410,754 | \$104,396 | \$220,814 | \$255,099 | \$127,549 | \$3,313,665 | |
| 2028 | \$20,593 | \$828,655 | \$1,470,006 | \$108,730 | \$230,088 | \$265,812 | \$132,986 | \$3,527,324 | |
| Canal Group 7 | | | | | | | | | |
| Construction/Fiscal Year | Insurance/End- ing | Mak/Vomah (LS) | Dredging/Pl Placement | Environmen tal | Seagrass Transplanting | Engineering Four - Floor | Construction Administration | Total Estimate | |
| 2023 | \$3,824 | \$674,590 | \$272,971 | \$20,200 | \$42,726 | \$101,431 | \$50,716 | \$1,162,633 | |
| 2024 | \$4,000 | \$705,621 | \$285,528 | \$21,129 | \$44,691 | \$106,097 | \$53,048 | \$1,216,114 | |
| 2025 | \$4,168 | \$735,257 | \$297,520 | \$22,016 | \$46,568 | \$110,553 | \$55,276 | \$1,267,191 | |
| 2026 | \$4,335 | \$764,667 | \$309,420 | \$22,897 | \$48,431 | \$114,975 | \$57,488 | \$1,317,879 | |
| 2027 | \$4,508 | \$795,254 | \$321,797 | \$23,813 | \$50,348 | \$119,574 | \$59,787 | \$1,370,594 | |
| 2028 | \$4,697 | \$828,655 | \$335,313 | \$24,813 | \$52,404 | \$124,596 | \$62,298 | \$1,428,159 | |

Project Approach - Study, Methodology, and Rates

- Determine Canal Services and Improvements
- Estimated Costs of Services and Improvements
- Determine Benefit Area/Type of Benefit
 - General Public Purpose – millage, IST, grants
 - Partial benefit – millage and special assessment
 - Local benefit – special assessment
- Develop Apportionment Methodology
- Develop Preliminary Assessment Roll Database
- Apply Apportionment Methodology to Database
- Calculate Rates
- Prepare and Present Proposed Canal Assessment Program(s)
- Community Outreach and Educational Efforts

What is a Special Assessment?

Charge imposed against real property to pay for essential services and capital infrastructure.

Case Law Requirements

1. Special Benefit to Property
2. Fair and Reasonable Apportionment



Localized Benefit -- Data Components for Each Group

1. Identify Services and Infrastructure Improvements

2. Determine Cost of Services and Infrastructure

- Develop multi-year assessable budgets
 - Include study and miscellaneous collection costs
 - 8 assessable budgets based the groups:
 - 7 local benefit areas (includes part of partial)
 - 1 general benefit area (includes part of partial)

3. Identify Benefitted Parcels

- Determine who benefits
 - Services/improvements

Localized Benefit -- Data Components for Each Group

4. Develop Apportionment Methodology

- Fair and reasonable allocation of costs to properties
 - Property Uses
 - Residential
 - Non-Residential
 - Abutting vs. non-abutting
 - Billing Units
 - Dwelling units
 - Allowable boat slip
 - Buildable residential lots
 - Equivalent Residential Unit (ERU)
 - **Water Access Units**
 - Docks, boat slips, other
 - Private boat ramp
 - Waterfront footage
 - Other

| Group | # Parcels | % Parcels | Units | % Units |
|--------------|--------------|----------------|--------------|----------------|
| 1 | 411 | 13.90% | 325 | 15.19% |
| 2 | 568 | 19.22% | 404 | 18.87% |
| 3 | 252 | 8.53% | 62 | 2.92% |
| 4 | 464 | 15.70% | 126 | 5.89% |
| 5 | 646 | 21.85% | 614 | 28.66% |
| 6 | 605 | 20.47% | 583 | 27.24% |
| 7 | 10 | 0.34% | 26 | 1.22% |
| Total | 2,956 | 100.00% | 2,141 | 100.00% |

Group 1

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 2,008 | 2,008 | 2,008 | 2,008 | 2,008 | 2,008 |
| Mob/Demob (LS) | 124,298 | 124,298 | 124,298 | 124,298 | 124,298 | 124,298 |
| Dredging & Placement (CY) | 143,361 | 143,361 | 143,361 | 143,361 | 143,361 | 143,361 |
| Environmental Protection | 10,609 | 10,609 | 10,609 | 10,609 | 10,609 | 10,609 |
| Seagrass Transplanting & Monitoring (CY) | 18,633 | 18,633 | 18,633 | 18,633 | 18,633 | 18,633 |
| Engineering Fees - Plans, Design & Specs | 29,891 | 29,891 | 29,891 | 29,891 | 29,891 | 29,891 |
| Construction Administration | 14,945 | 14,945 | 14,945 | 14,945 | 14,945 | 14,945 |
| Total Dredging OPC | \$343,746 | \$343,746 | \$343,746 | \$343,746 | \$343,746 | \$343,746 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 4,171 | 4,380 | 4,599 | 4,829 | 5,070 | 4,610 |
| Overhead -- Finance Staff | 6,952 | 7,300 | 7,665 | 8,048 | 8,450 | 7,683 |
| Overhead -- Public Works | 6,952 | 7,300 | 7,665 | 8,048 | 8,450 | 7,683 |
| Total Expenditures | \$18,075 | \$18,979 | \$19,928 | \$20,924 | \$21,970 | \$19,975 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 25,761 | 3,476 | 3,476 | 3,476 | 3,476 | 7,933 |
| Legal Fees | 3,476 | 2,086 | 2,086 | 2,086 | 2,086 | 2,364 |
| Collection Costs (Property Appraiser @1.5%) | 6,318 | 5,942 | 5,957 | 5,973 | 5,990 | 6,036 |
| Collection Costs (Tax Collector @1.5%) | 6,318 | 5,942 | 5,957 | 5,973 | 5,990 | 6,036 |
| First Class Notice Costs (\$1.53 per) | 629 | 100 | 100 | 100 | 100 | 206 |
| Statutory Discount (@4%) | 16,847 | 15,845 | 15,885 | 15,928 | 15,973 | 16,096 |
| Total Misc. Assessment Expenditures | \$59,348 | \$33,390 | \$33,461 | \$33,536 | \$33,615 | \$38,670 |
| Total Assessable Budget | \$421,169 | \$396,114 | \$397,134 | \$398,206 | \$399,331 | \$402,391 |
| Units | 325 | 325 | 325 | 325 | 325 | 325 |
| Annual Rate Per Billing Unit | \$1,296 | \$1,218 | \$1,222 | \$1,225 | \$1,228 | \$1,238 |
| Monthly Rate Per Billing Unit | \$108.00 | \$101.50 | \$101.83 | \$102.08 | \$102.33 | \$103.17 |



Group 1

| Canal # | Type of Benefit |
|---------|-----------------|
| 1 | Local |
| 1P | General |
| 2A | General |
| 2A | Local |
| 2 | Local |
| 2B | Local |
| 3 | Local |
| 4 | Local |
| 5 | Local |
| 6 | Local |
| 7 | Local |
| 7A | Local |
| 8 | Local |
| 9 | Local |
| 10 | Local |

Group 2

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 2,379 | 2,379 | 2,379 | 2,379 | 2,379 | 2,379 |
| Mob/Demob (LS) | 156,524 | 156,524 | 156,524 | 156,524 | 156,524 | 156,524 |
| Dredging & Placement (CY) | 169,822 | 169,822 | 169,822 | 169,822 | 169,822 | 169,822 |
| Environmental Protection | 12,567 | 12,567 | 12,567 | 12,567 | 12,567 | 12,567 |
| Seagrass Transplanting & Monitoring (CY) | 23,127 | 23,127 | 23,127 | 23,127 | 23,127 | 23,127 |
| Engineering Fees - Plans, Design & Specs | 36,442 | 36,442 | 36,442 | 36,442 | 36,442 | 36,442 |
| Construction Administration | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 |
| Total Dredging OPC | \$419,082 | \$419,082 | \$419,082 | \$419,082 | \$419,082 | \$419,082 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 5,765 | 6,053 | 6,355 | 6,673 | 7,007 | 6,371 |
| Overhead -- Finance Staff | 9,608 | 10,088 | 10,592 | 11,122 | 11,678 | 10,618 |
| Overhead -- Public Works | 9,608 | 10,088 | 10,592 | 11,122 | 11,678 | 10,618 |
| Total Expenditures | \$24,980 | \$26,229 | \$27,540 | \$28,917 | \$30,363 | \$27,606 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 35,602 | 4,804 | 4,804 | 4,804 | 4,804 | 10,963 |
| Legal Fees | 4,804 | 2,882 | 2,882 | 2,882 | 2,882 | 3,267 |
| Collection Costs (Property Appraiser @1.5%) | 7,828 | 7,308 | 7,329 | 7,351 | 7,375 | 7,438 |
| Collection Costs (Tax Collector @1.5%) | 7,828 | 7,308 | 7,329 | 7,351 | 7,375 | 7,438 |
| First Class Notice Costs (\$1.53 per) | 869 | 100 | 100 | 100 | 100 | 254 |
| Statutory Discount (@4%) | 20,875 | 19,488 | 19,544 | 19,604 | 19,666 | 19,835 |
| Total Misc. Assessment Expenditures | \$77,806 | \$41,890 | \$41,989 | \$42,092 | \$42,201 | \$49,196 |
| Total Assessable Budget | \$521,867 | \$487,200 | \$488,610 | \$490,091 | \$491,646 | \$495,883 |
| Units | 404 | 404 | 404 | 404 | 404 | 404 |
| Annual Rate Per Billing Unit | \$1,292 | \$1,206 | \$1,210 | \$1,213 | \$1,217 | \$1,228 |
| Monthly Rate Per Billing Unit | \$107.67 | \$100.50 | \$100.83 | \$101.08 | \$101.42 | \$102.33 |



Group 2

| Canal # | Type of Benefit |
|---------|-----------------|
| 11 | Local |
| 11A | Local |
| 11A | General |
| 11B | Local |
| 11B | Local |
| 11C | Local |
| 12 | Local |
| 13 | Local |
| 14 | Local |
| 14B | Local |
| 15N | Local |
| 15S | Local |
| 15W | Local |
| 16 | Local |
| 16A | Local |
| 17 | Local |
| 18 | Local |
| 19 | Local |

Group 3

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 448 | 448 | 448 | 448 | 448 | 448 |
| Mob/Demob (LS) | 103,582 | 103,582 | 103,582 | 103,582 | 103,582 | 103,582 |
| Dredging & Placement (CY) | 31,984 | 31,984 | 31,984 | 31,984 | 31,984 | 31,984 |
| Environmental Protection | 2,367 | 2,367 | 2,367 | 2,367 | 2,367 | 2,367 |
| Seagrass Transplanting & Monitoring (CY) | 3,597 | 3,597 | 3,597 | 3,597 | 3,597 | 3,597 |
| Engineering Fees - Plans, Design & Specs | 14,198 | 14,198 | 14,198 | 14,198 | 14,198 | 14,198 |
| Construction Administration | 7,099 | 7,099 | 7,099 | 7,099 | 7,099 | 7,099 |
| Total Dredging OPC | \$163,274 | \$163,274 | \$163,274 | \$163,274 | \$163,274 | \$163,274 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 2,558 | 2,685 | 2,820 | 2,961 | 3,109 | 2,826 |
| Overhead -- Finance Staff | 4,263 | 4,476 | 4,699 | 4,934 | 5,181 | 4,711 |
| Overhead -- Public Works | 4,263 | 4,476 | 4,699 | 4,934 | 5,181 | 4,711 |
| Total Expenditures | \$11,083 | \$11,637 | \$12,219 | \$12,829 | \$13,471 | \$12,248 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 15,795 | 2,131 | 2,131 | 2,131 | 2,131 | 4,864 |
| Legal Fees | 2,131 | 1,279 | 1,279 | 1,279 | 1,279 | 1,449 |
| Collection Costs (Property Appraiser @1.5%) | 3,108 | 2,878 | 2,887 | 2,897 | 2,907 | 2,935 |
| Collection Costs (Tax Collector @1.5%) | 3,108 | 2,878 | 2,887 | 2,897 | 2,907 | 2,935 |
| First Class Notice Costs (\$1.53 per) | 386 | 100 | 100 | 100 | 100 | 157 |
| Statutory Discount (@4%) | 8,287 | 7,674 | 7,699 | 7,725 | 7,753 | 7,828 |
| Total Misc. Assessment Expenditures | \$32,814 | \$16,940 | \$16,983 | \$17,029 | \$17,078 | \$20,169 |
| Total Assessable Budget | \$207,170 | \$191,850 | \$192,476 | \$193,132 | \$193,822 | \$195,690 |
| Units | 62 | 62 | 62 | 62 | 62 | 62 |
| Annual Rate Per Billing Unit | \$3,317 | \$3,071 | \$3,081 | \$3,092 | \$3,103 | \$3,133 |
| Monthly Rate Per Billing Unit | \$276.42 | \$255.92 | \$256.75 | \$257.67 | \$258.58 | \$261.08 |



Group 3

| Canal # | Type of Benefit |
|---------|-----------------|
| 20 | General |
| 20A | General |
| 20P | Cost Share |
| 21 | Local |
| 21A | General |
| 21P | Local |
| 22 | Local |
| 22A | General |
| 22P | Local |
| 23 | Local |
| 23P | Local |
| 24 | Local |

Group 4

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 2,695 | 2,695 | 2,695 | 2,695 | 2,695 | 2,695 |
| Mob/Demob (LS) | 119,119 | 119,119 | 119,119 | 119,119 | 119,119 | 119,119 |
| Dredging & Placement (CY) | 192,388 | 192,388 | 192,388 | 192,388 | 192,388 | 192,388 |
| Environmental Protection | 14,237 | 14,237 | 14,237 | 14,237 | 14,237 | 14,237 |
| Seagrass Transplanting & Monitoring (CY) | 35,975 | 35,975 | 35,975 | 35,975 | 35,975 | 35,975 |
| Engineering Fees - Plans, Design & Specs | 36,441 | 36,441 | 36,441 | 36,441 | 36,441 | 36,441 |
| Construction Administration | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 |
| Total Dredging OPC | \$419,077 | \$419,077 | \$419,077 | \$419,077 | \$419,077 | \$419,077 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 11,265 | 11,828 | 12,420 | 13,041 | 13,693 | 12,449 |
| Overhead -- Finance Staff | 18,775 | 19,714 | 20,700 | 21,735 | 22,822 | 20,749 |
| Overhead -- Public Works | 18,775 | 19,714 | 20,700 | 21,735 | 22,822 | 20,749 |
| Total Expenditures | \$48,816 | \$51,257 | \$53,820 | \$56,511 | \$59,336 | \$53,948 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 69,574 | 9,388 | 9,388 | 9,388 | 9,388 | 21,425 |
| Legal Fees | 9,388 | 5,633 | 5,633 | 5,633 | 5,633 | 6,384 |
| Collection Costs (Property Appraiser @1.5%) | 8,832 | 7,830 | 7,871 | 7,915 | 7,960 | 8,082 |
| Collection Costs (Tax Collector @1.5%) | 8,832 | 7,830 | 7,871 | 7,915 | 7,960 | 8,082 |
| First Class Notice Costs (\$1.53 per) | 710 | 100 | 100 | 100 | 100 | 222 |
| Statutory Discount (@4%) | 23,551 | 20,880 | 20,990 | 21,106 | 21,227 | 21,551 |
| Total Misc. Assessment Expenditures | \$120,887 | \$51,660 | \$51,853 | \$52,055 | \$52,268 | \$65,744 |
| Total Assessable Budget | \$588,779 | \$521,993 | \$524,749 | \$527,642 | \$530,681 | \$538,769 |
| Units | 126 | 126 | 126 | 126 | 126 | 126 |
| Annual Rate Per Billing Unit | \$4,666 | \$4,136 | \$4,158 | \$4,181 | \$4,205 | \$4,269 |
| Monthly Rate Per Billing Unit | \$388.83 | \$344.67 | \$346.50 | \$348.42 | \$350.42 | \$355.75 |

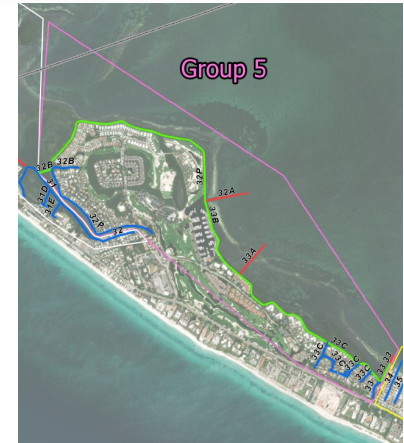


Group 4

| Canal # | Type of Benefit |
|---------|-----------------|
| 24P | Cost Share |
| 25 | Local |
| 26 | Local |
| 26P | Cost Share |
| 31A | General |
| 26P | Cost Share |
| 27 | Local |
| 28 | Local |
| 29 | Local |
| 30 | Local |
| 31 | Local |
| 31A | General |
| 31C | Local |
| 31D | Local |
| 31E | Local |

Group 5

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|--------------------------|
| Insurance/Bonding | 1,764 | 1,764 | 1,764 | 1,764 | 1,764 | 1,764 |
| Mob/Demob (LS) | 115,321 | 115,321 | 115,321 | 115,321 | 115,321 | 115,321 |
| Dredging & Placement (CY) | 125,952 | 125,952 | 125,952 | 125,952 | 125,952 | 125,952 |
| Environmental Protection | 9,320 | 9,320 | 9,320 | 9,320 | 9,320 | 9,320 |
| Seagrass Transplanting & Monitoring (CY) | 14,426 | 14,426 | 14,426 | 14,426 | 14,426 | 14,426 |
| Engineering Fees - Plans, Design & Specs | 26,678 | 26,678 | 26,678 | 26,678 | 26,678 | 26,678 |
| Construction Administration | 13,339 | 13,339 | 13,339 | 13,339 | 13,339 | 13,339 |
| Total Dredging OPC | \$306,802 | \$306,802 | \$306,802 | \$306,802 | \$306,802 | \$306,802 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 6,556 | 6,884 | 7,228 | 7,590 | 7,969 | 7,245 |
| Overhead -- Finance Staff | 10,927 | 11,473 | 12,047 | 12,649 | 13,282 | 12,076 |
| Overhead -- Public Works | 10,927 | 11,473 | 12,047 | 12,649 | 13,282 | 12,076 |
| Total Expenditures | \$28,410 | \$29,831 | \$31,322 | \$32,888 | \$34,533 | \$31,397 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 40,491 | 5,463 | 5,463 | 5,463 | 5,463 | 12,469 |
| Legal Fees | 5,463 | 3,278 | 3,278 | 3,278 | 3,278 | 3,715 |
| Collection Costs (Property Appraiser @1.5%) | 6,164 | 5,572 | 5,596 | 5,621 | 5,648 | 5,720 |
| Collection Costs (Tax Collector @1.5%) | 6,164 | 5,572 | 5,596 | 5,621 | 5,648 | 5,720 |
| First Class Notice Costs (\$1.53 per) | 988 | 100 | 100 | 100 | 100 | 278 |
| Statutory Discount (@4%) | 16,437 | 14,859 | 14,923 | 14,991 | 15,061 | 15,254 |
| Total Misc. Assessment Expenditures | \$75,707 | \$34,845 | \$34,957 | \$35,075 | \$35,199 | \$43,157 |
| Total Assessable Budget | \$410,919 | \$371,478 | \$373,081 | \$374,765 | \$376,533 | \$381,355 |
| Units | 614 | 614 | 614 | 614 | 614 | 614 |
| Annual Rate Per Billing Unit | \$670 | \$606 | \$608 | \$611 | \$614 | \$622 |
| Monthly Rate Per Billing Unit | \$55.83 | \$50.50 | \$50.67 | \$50.92 | \$51.17 | \$51.83 |



Group 5

| Canal # | Type of Benefit |
|---------|-----------------|
| 32 | Local |
| 32A | General |
| 32B | Cost Share |
| 32B | Local |
| 32P | Cost Share |
| 32P | Local |
| 33 | General |
| 33 | Cost Share |
| 33 | Local |
| 33A | General |
| 33B | Cost Share |
| 33C | Cost Share |
| 33C | Local |
| 33C | Local |
| 33C | Local |
| 33C | Local |

Group 6

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|--------------------------|
| Insurance/Bonding | 2,258 | 2,258 | 2,258 | 2,258 | 2,258 | 2,258 |
| Mob/Demob (LS) | 157,839 | 157,839 | 157,839 | 157,839 | 157,839 | 157,839 |
| Dredging & Placement (CY) | 161,207 | 161,207 | 161,207 | 161,207 | 161,207 | 161,207 |
| Environmental Protection | 11,929 | 11,929 | 11,929 | 11,929 | 11,929 | 11,929 |
| Seagrass Transplanting & Monitoring (CY) | 26,031 | 26,031 | 26,031 | 26,031 | 26,031 | 26,031 |
| Engineering Fees - Plans, Design & Specs | 35,927 | 35,927 | 35,927 | 35,927 | 35,927 | 35,927 |
| Construction Administration | 17,963 | 17,963 | 17,963 | 17,963 | 17,963 | 17,963 |
| Total Dredging OPC | \$413,155 | \$413,155 | \$413,155 | \$413,155 | \$413,155 | \$413,155 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 6,140 | 6,447 | 6,769 | 7,108 | 7,463 | 6,786 |
| Overhead -- Finance Staff | 10,233 | 10,745 | 11,282 | 11,846 | 12,439 | 11,309 |
| Overhead -- Public Works | 10,233 | 10,745 | 11,282 | 11,846 | 12,439 | 11,309 |
| Total Expenditures | \$26,607 | \$27,937 | \$29,334 | \$30,801 | \$32,341 | \$29,404 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 37,921 | 5,117 | 5,117 | 5,117 | 5,117 | 11,678 |
| Legal Fees | 5,117 | 3,070 | 3,070 | 3,070 | 3,070 | 3,479 |
| Collection Costs (Property Appraiser @1.5%) | 7,802 | 7,248 | 7,271 | 7,294 | 7,319 | 7,387 |
| Collection Costs (Tax Collector @1.5%) | 7,802 | 7,248 | 7,271 | 7,294 | 7,319 | 7,387 |
| First Class Notice Costs (\$1.53 per) | 926 | 100 | 100 | 100 | 100 | 265 |
| Statutory Discount (@4%) | 20,805 | 19,328 | 19,388 | 19,451 | 19,518 | 19,698 |
| Total Misc. Assessment Expenditures | \$80,373 | \$42,111 | \$42,216 | \$42,326 | \$42,442 | \$49,894 |
| Total Assessable Budget | \$520,135 | \$483,203 | \$484,705 | \$486,282 | \$487,938 | \$492,453 |
| Units | 583 | 583 | 583 | 583 | 583 | 583 |
| Annual Rate Per Billing Unit | \$892 | \$829 | \$831 | \$834 | \$837 | \$845 |
| Monthly Rate Per Billing Unit | \$74.33 | \$69.08 | \$69.25 | \$69.50 | \$69.75 | \$70.42 |

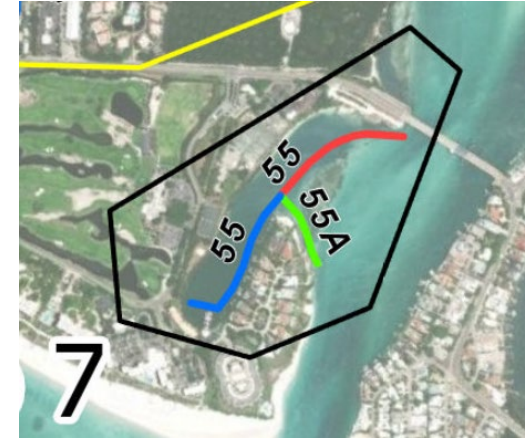


Group 6

| Canal # | Type of Benefit |
|---------|-----------------|
| 34-53 | Local |
| 54 | General |

Group 7

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|--------------------------|
| Insurance/Bonding | 486 | 486 | 486 | 486 | 486 | 486 |
| Mob/Demob (LS) | 82,865 | 82,865 | 82,865 | 82,865 | 82,865 | 82,865 |
| Dredging & Placement (CY) | 34,702 | 34,702 | 34,702 | 34,702 | 34,702 | 34,702 |
| Environmental Protection | 2,568 | 2,568 | 2,568 | 2,568 | 2,568 | 2,568 |
| Seagrass Transplanting & Monitoring (CY) | 7,590 | 7,590 | 7,590 | 7,590 | 7,590 | 7,590 |
| Engineering Fees - Plans, Design & Specs | 12,821 | 12,821 | 12,821 | 12,821 | 12,821 | 12,821 |
| Construction Administration | 6,411 | 6,411 | 6,411 | 6,411 | 6,411 | 6,411 |
| Total Dredging OPC | \$147,444 | \$147,444 | \$147,444 | \$147,444 | \$147,444 | \$147,444 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 101 | 107 | 112 | 117 | 123 | 112 |
| Overhead -- Finance Staff | 169 | 178 | 186 | 196 | 206 | 187 |
| Overhead -- Public Works | 169 | 178 | 186 | 196 | 206 | 187 |
| Total Expenditures | \$440 | \$462 | \$485 | \$509 | \$535 | \$486 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 627 | 85 | 85 | 85 | 85 | 193 |
| Legal Fees | 85 | 51 | 51 | 51 | 51 | 58 |
| Collection Costs (Property Appraiser @1.5%) | 2,397 | 2,389 | 2,390 | 2,390 | 2,391 | 2,391 |
| Collection Costs (Tax Collector @1.5%) | 2,397 | 2,389 | 2,390 | 2,390 | 2,391 | 2,391 |
| First Class Notice Costs (\$1.53 per) | 15 | 100 | 100 | 100 | 100 | 83 |
| Statutory Discount (@4%) | 6,392 | 6,372 | 6,373 | 6,374 | 6,375 | 6,377 |
| Total Misc. Assessment Expenditures | \$11,912 | \$11,386 | \$11,387 | \$11,389 | \$11,391 | \$11,493 |
| Total Assessable Budget | \$159,796 | \$159,291 | \$159,316 | \$159,342 | \$159,369 | \$159,423 |
| Units | 26 | 26 | 26 | 26 | 26 | 26 |
| Annual Rate Per Billing Unit | \$6,123 | \$6,104 | \$6,105 | \$6,106 | \$6,107 | \$6,109 |
| Monthly Rate Per Billing Unit | \$510.25 | \$508.67 | \$508.75 | \$508.83 | \$508.92 | \$509.08 |



Group 7

| Canal # | Type of Benefit |
|---------|-----------------|
| 55 | Local |
| 55 | General |
| 55A | Cost Share |

Summary

5-Year Average Annual Costs

| | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Dredging OPC | \$343,746 | \$419,082 | \$163,274 | \$419,077 | \$306,802 | \$413,155 | \$147,444 |
| O&M | \$19,975 | \$27,606 | \$12,248 | \$53,948 | \$31,397 | \$29,404 | \$486 |
| Total Expenditures | \$363,721 | \$446,687 | \$175,521 | \$473,024 | \$338,199 | \$442,559 | \$147,930 |
| Total Misc. Assessment Expenditures | \$38,670 | \$49,196 | \$20,169 | \$65,744 | \$43,157 | \$49,894 | \$11,493 |
| Total Assessable Budget | \$402,391 | \$495,883 | \$195,690 | \$538,769 | \$381,355 | \$492,453 | \$159,423 |
| Units | 325 | 404 | 62 | 126 | 614 | 583 | 26 |
| Annual Rate | \$1,238 | \$1,228 | \$3,133 | \$4,269 | \$622 | \$845 | \$6,109 |
| Monthly Rate | \$103.17 | \$102.33 | \$261.08 | \$355.75 | \$51.83 | \$70.42 | \$509.08 |

General Benefit

Data Components

1. Identify Services Provided and Infrastructure Improvements
 - Annual maintenance services
 - Immediate capital infrastructure needs
 - Strategic Plan for future capital needs
2. Determine Cost of Services and Infrastructure
 - Total Costs - Revenues (IST for Sarasota and grants) = Net Expenditures
3. Identify Taxable Values
 - Based on 2023 taxable values -- \$8.353 Billion
4. Determine millage rate



General Benefit Budget

| | |
|---------------------|---------------|
| Expenditures | \$1,136,437 |
| Collection Costs | \$85,538 |
| Total Expenditures | \$1,221,975 |
| Millage Rate | 0.1524 |

| Taxable Value | Millage Charge |
|---------------|----------------|
| \$250,000 | \$38.10 |
| 500,000 | \$76.20 |
| 750,000 | \$114.30 |
| 1,000,000 | \$152.40 |
| 1,500,000 | \$228.60 |
| 2,000,000 | \$304.80 |

Schedule

| Event | Date |
|--|---|
| Workshop on Proposed Methodology & Rates | November 6, 2023 |
| Town Publishes Public Hearing on Resolution of Intent | November 10, 17, 24, and December 1, 2023 |
| Town Adopts Resolution of Intent | December 4, 2023 |
| Continuation of Workshop, if necessary | December 4, 2023 |
| Public Workshops and Educational Outreach Efforts | December 2023 – April 2024 |
| Implementation* | |
| Town Adopts Initial Assessment Resolution(s) | May 6, 2024 @ 1:00 p.m. |
| Mail First Class Notices (20 days prior to public hearing) | By May 13, 2024 |
| Publish Notice of Public Hearing (20 days prior to public hearing) | By May 13, 2024 |
| Town Adopts Final Assessment Resolution(s) at Public Hearing | June 3, 2024 |
| TRIM rolls to Property Appraisers** | Sarasota July 10, 2024 Manatee July 12, 2024 |
| Certify Assessment Rolls to Tax Collectors | By September 15, 2024 |
| Canal Navigational Maintenance Assessment Collected on Tax Bill | November 2024 |

*Ordinance 2015-30 Authorizes creation of assessment areas by resolution and implementation of capital and service assessments and establishes procedures for implementation.

** Town's policy in past to include non-ad valorem on TRIM notice.

Strategic Plan for Navigational Maintenance Services

What is in the Work Plan

- Survey
- Design
- Permit
- Natural Resource Survey/Mitigation
- Mangrove trimming
- Initial Dredging
 - Develop long-term dredging management program
 - Survey and design
- Navigational markers
- Dedicated staffing

Next Steps

- Public Outreach
 - GIS Maps
 - Searchable Database
 - Informational Brochures
 - First Class Notices
 - Published Notice
- Proceed with Implementation
- Schedule
- Local Assessment Rates
 - Exemptions
- General Benefit Millage Rate
- Other

Group 1

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 2,008 | 2,008 | 2,008 | 2,008 | 2,008 | 2,008 |
| Mob/Demob (LS) | 124,298 | 124,298 | 124,298 | 124,298 | 124,298 | 124,298 |
| Dredging & Placement (CY) | 143,361 | 143,361 | 143,361 | 143,361 | 143,361 | 143,361 |
| Environmental Protection | 10,609 | 10,609 | 10,609 | 10,609 | 10,609 | 10,609 |
| Seagrass Transplanting & Monitoring (CY) | 18,633 | 18,633 | 18,633 | 18,633 | 18,633 | 18,633 |
| Engineering Fees - Plans, Design & Specs | 29,891 | 29,891 | 29,891 | 29,891 | 29,891 | 29,891 |
| Construction Administration | 14,945 | 14,945 | 14,945 | 14,945 | 14,945 | 14,945 |
| Total Dredging OPC | \$343,746 | \$343,746 | \$343,746 | \$343,746 | \$343,746 | \$343,746 |
| | | | | | | |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 4,171 | 4,380 | 4,599 | 4,829 | 5,070 | 4,610 |
| Overhead -- Finance Staff | 6,952 | 7,300 | 7,665 | 8,048 | 8,450 | 7,683 |
| Overhead -- Public Works | 6,952 | 7,300 | 7,665 | 8,048 | 8,450 | 7,683 |
| Total Expenditures | \$18,075 | \$18,979 | \$19,928 | \$20,924 | \$21,970 | \$19,975 |
| | | | | | | |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 25,761 | 3,476 | 3,476 | 3,476 | 3,476 | 7,933 |
| Legal Fees | 3,476 | 2,086 | 2,086 | 2,086 | 2,086 | 2,364 |
| Collection Costs (Property Appraiser @1.5%) | 6,318 | 5,942 | 5,957 | 5,973 | 5,990 | 6,036 |
| Collection Costs (Tax Collector @1.5%) | 6,318 | 5,942 | 5,957 | 5,973 | 5,990 | 6,036 |
| First Class Notice Costs (\$1.53 per) | 629 | 100 | 100 | 100 | 100 | 206 |
| Statutory Discount (@4%) | 16,847 | 15,845 | 15,885 | 15,928 | 15,973 | 16,096 |
| Total Misc. Assessment Expenditures | \$59,348 | \$33,390 | \$33,461 | \$33,536 | \$33,615 | \$38,670 |
| | | | | | | |
| Total Assessable Budget | \$421,169 | \$396,114 | \$397,134 | \$398,206 | \$399,331 | \$402,391 |
| | | | | | | |
| Units | 325 | 325 | 325 | 325 | 325 | 325 |
| | | | | | | |
| Annual Rate Per Billing Unit | \$1,296 | \$1,218 | \$1,222 | \$1,225 | \$1,228 | \$1,238 |
| Monthly Rate Per Billing Unit | \$108.00 | \$101.50 | \$101.83 | \$102.08 | \$102.33 | \$103.17 |

Group 2

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 2,379 | 2,379 | 2,379 | 2,379 | 2,379 | 2,379 |
| Mob/Demob (LS) | 156,524 | 156,524 | 156,524 | 156,524 | 156,524 | 156,524 |
| Dredging & Placement (CY) | 169,822 | 169,822 | 169,822 | 169,822 | 169,822 | 169,822 |
| Environmental Protection | 12,567 | 12,567 | 12,567 | 12,567 | 12,567 | 12,567 |
| Seagrass Transplanting & Monitoring (CY) | 23,127 | 23,127 | 23,127 | 23,127 | 23,127 | 23,127 |
| Engineering Fees - Plans, Design & Specs | 36,442 | 36,442 | 36,442 | 36,442 | 36,442 | 36,442 |
| Construction Administration | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 |
| Total Dredging OPC | \$419,082 | \$419,082 | \$419,082 | \$419,082 | \$419,082 | \$419,082 |
| | | | | | | |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 5,765 | 6,053 | 6,355 | 6,673 | 7,007 | 6,371 |
| Overhead -- Finance Staff | 9,608 | 10,088 | 10,592 | 11,122 | 11,678 | 10,618 |
| Overhead -- Public Works | 9,608 | 10,088 | 10,592 | 11,122 | 11,678 | 10,618 |
| Total Expenditures | \$24,980 | \$26,229 | \$27,540 | \$28,917 | \$30,363 | \$27,606 |
| | | | | | | |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 35,602 | 4,804 | 4,804 | 4,804 | 4,804 | 10,963 |
| Legal Fees | 4,804 | 2,882 | 2,882 | 2,882 | 2,882 | 3,267 |
| Collection Costs (Property Appraiser @1.5%) | 7,828 | 7,308 | 7,329 | 7,351 | 7,375 | 7,438 |
| Collection Costs (Tax Collector @1.5%) | 7,828 | 7,308 | 7,329 | 7,351 | 7,375 | 7,438 |
| First Class Notice Costs (\$1.53 per) | 869 | 100 | 100 | 100 | 100 | 254 |
| Statutory Discount (@4%) | 20,875 | 19,488 | 19,544 | 19,604 | 19,666 | 19,835 |
| Total Misc. Assessment Expenditures | \$77,806 | \$41,890 | \$41,989 | \$42,092 | \$42,201 | \$49,196 |
| | | | | | | |
| Total Assessable Budget | \$521,867 | \$487,200 | \$488,610 | \$490,091 | \$491,646 | \$495,883 |
| | | | | | | |
| Units | 404 | 404 | 404 | 404 | 404 | 404 |
| | | | | | | |
| Annual Rate Per Billing Unit | \$1,292 | \$1,206 | \$1,210 | \$1,213 | \$1,217 | \$1,228 |
| Monthly Rate Per Billing Unit | \$107.67 | \$100.50 | \$100.83 | \$101.08 | \$101.42 | \$102.33 |

Group 3

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|--------------------------|
| Insurance/Bonding | 448 | 448 | 448 | 448 | 448 | 448 |
| Mob/Demob (LS) | 103,582 | 103,582 | 103,582 | 103,582 | 103,582 | 103,582 |
| Dredging & Placement (CY) | 31,984 | 31,984 | 31,984 | 31,984 | 31,984 | 31,984 |
| Environmental Protection | 2,367 | 2,367 | 2,367 | 2,367 | 2,367 | 2,367 |
| Seagrass Transplanting & Monitoring (CY) | 3,597 | 3,597 | 3,597 | 3,597 | 3,597 | 3,597 |
| Engineering Fees - Plans, Design & Specs | 14,198 | 14,198 | 14,198 | 14,198 | 14,198 | 14,198 |
| Construction Administration | 7,099 | 7,099 | 7,099 | 7,099 | 7,099 | 7,099 |
| Total Dredging OPC | \$163,274 | \$163,274 | \$163,274 | \$163,274 | \$163,274 | \$163,274 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 2,558 | 2,685 | 2,820 | 2,961 | 3,109 | 2,826 |
| Overhead -- Finance Staff | 4,263 | 4,476 | 4,699 | 4,934 | 5,181 | 4,711 |
| Overhead -- Public Works | 4,263 | 4,476 | 4,699 | 4,934 | 5,181 | 4,711 |
| Total Expenditures | \$11,083 | \$11,637 | \$12,219 | \$12,829 | \$13,471 | \$12,248 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 15,795 | 2,131 | 2,131 | 2,131 | 2,131 | 4,864 |
| Legal Fees | 2,131 | 1,279 | 1,279 | 1,279 | 1,279 | 1,449 |
| Collection Costs (Property Appraiser @1.5%) | 3,108 | 2,878 | 2,887 | 2,897 | 2,907 | 2,935 |
| Collection Costs (Tax Collector @1.5%) | 3,108 | 2,878 | 2,887 | 2,897 | 2,907 | 2,935 |
| First Class Notice Costs (\$1.53 per) | 386 | 100 | 100 | 100 | 100 | 157 |
| Statutory Discount (@4%) | 8,287 | 7,674 | 7,699 | 7,725 | 7,753 | 7,828 |
| Total Misc. Assessment Expenditures | \$32,814 | \$16,940 | \$16,983 | \$17,029 | \$17,078 | \$20,169 |
| Total Assessable Budget | \$207,170 | \$191,850 | \$192,476 | \$193,132 | \$193,822 | \$195,690 |
| Units | 62 | 62 | 62 | 62 | 62 | 62 |
| Annual Rate Per Billing Unit | \$3,317 | \$3,071 | \$3,081 | \$3,092 | \$3,103 | \$3,133 |
| Monthly Rate Per Billing Unit | \$276.42 | \$255.92 | \$256.75 | \$257.67 | \$258.58 | \$261.08 |

Group 4

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 2,695 | 2,695 | 2,695 | 2,695 | 2,695 | 2,695 |
| Mob/Demob (LS) | 119,119 | 119,119 | 119,119 | 119,119 | 119,119 | 119,119 |
| Dredging & Placement (CY) | 192,388 | 192,388 | 192,388 | 192,388 | 192,388 | 192,388 |
| Environmental Protection | 14,237 | 14,237 | 14,237 | 14,237 | 14,237 | 14,237 |
| Seagrass Transplanting & Monitoring (CY) | 35,975 | 35,975 | 35,975 | 35,975 | 35,975 | 35,975 |
| Engineering Fees - Plans, Design & Specs | 36,441 | 36,441 | 36,441 | 36,441 | 36,441 | 36,441 |
| Construction Administration | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 | 18,221 |
| Total Dredging OPC | \$419,077 | \$419,077 | \$419,077 | \$419,077 | \$419,077 | \$419,077 |
| | | | | | | |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 11,265 | 11,828 | 12,420 | 13,041 | 13,693 | 12,449 |
| Overhead -- Finance Staff | 18,775 | 19,714 | 20,700 | 21,735 | 22,822 | 20,749 |
| Overhead -- Public Works | 18,775 | 19,714 | 20,700 | 21,735 | 22,822 | 20,749 |
| Total Expenditures | \$48,816 | \$51,257 | \$53,820 | \$56,511 | \$59,336 | \$53,948 |
| | | | | | | |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 69,574 | 9,388 | 9,388 | 9,388 | 9,388 | 21,425 |
| Legal Fees | 9,388 | 5,633 | 5,633 | 5,633 | 5,633 | 6,384 |
| Collection Costs (Property Appraiser @1.5%) | 8,832 | 7,830 | 7,871 | 7,915 | 7,960 | 8,082 |
| Collection Costs (Tax Collector @1.5%) | 8,832 | 7,830 | 7,871 | 7,915 | 7,960 | 8,082 |
| First Class Notice Costs (\$1.53 per) | 710 | 100 | 100 | 100 | 100 | 222 |
| Statutory Discount (@4%) | 23,551 | 20,880 | 20,990 | 21,106 | 21,227 | 21,551 |
| Total Misc. Assessment Expenditures | \$120,887 | \$51,660 | \$51,853 | \$52,055 | \$52,268 | \$65,744 |
| | | | | | | |
| Total Assessable Budget | \$588,779 | \$521,993 | \$524,749 | \$527,642 | \$530,681 | \$538,769 |
| | | | | | | |
| Units | 126 | 126 | 126 | 126 | 126 | 126 |
| | | | | | | |
| Annual Rate Per Billing Unit | \$4,666 | \$4,136 | \$4,158 | \$4,181 | \$4,205 | \$4,269 |
| Monthly Rate Per Billing Unit | \$388.83 | \$344.67 | \$346.50 | \$348.42 | \$350.42 | \$355.75 |

Group 5

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|--------------------------|
| Insurance/Bonding | 1,764 | 1,764 | 1,764 | 1,764 | 1,764 | 1,764 |
| Mob/Demob (LS) | 115,321 | 115,321 | 115,321 | 115,321 | 115,321 | 115,321 |
| Dredging & Placement (CY) | 125,952 | 125,952 | 125,952 | 125,952 | 125,952 | 125,952 |
| Environmental Protection | 9,320 | 9,320 | 9,320 | 9,320 | 9,320 | 9,320 |
| Seagrass Transplanting & Monitoring (CY) | 14,426 | 14,426 | 14,426 | 14,426 | 14,426 | 14,426 |
| Engineering Fees - Plans, Design & Specs | 26,678 | 26,678 | 26,678 | 26,678 | 26,678 | 26,678 |
| Construction Administration | 13,339 | 13,339 | 13,339 | 13,339 | 13,339 | 13,339 |
| Total Dredging OPC | \$306,802 | \$306,802 | \$306,802 | \$306,802 | \$306,802 | \$306,802 |
| | | | | | | |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 6,556 | 6,884 | 7,228 | 7,590 | 7,969 | 7,245 |
| Overhead -- Finance Staff | 10,927 | 11,473 | 12,047 | 12,649 | 13,282 | 12,076 |
| Overhead -- Public Works | 10,927 | 11,473 | 12,047 | 12,649 | 13,282 | 12,076 |
| Total Expenditures | \$28,410 | \$29,831 | \$31,322 | \$32,888 | \$34,533 | \$31,397 |
| | | | | | | |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 40,491 | 5,463 | 5,463 | 5,463 | 5,463 | 12,469 |
| Legal Fees | 5,463 | 3,278 | 3,278 | 3,278 | 3,278 | 3,715 |
| Collection Costs (Property Appraiser @1.5%) | 6,164 | 5,572 | 5,596 | 5,621 | 5,648 | 5,720 |
| Collection Costs (Tax Collector @1.5%) | 6,164 | 5,572 | 5,596 | 5,621 | 5,648 | 5,720 |
| First Class Notice Costs (\$1.53 per) | 988 | 100 | 100 | 100 | 100 | 278 |
| Statutory Discount (@4%) | 16,437 | 14,859 | 14,923 | 14,991 | 15,061 | 15,254 |
| Total Misc. Assessment Expenditures | \$75,707 | \$34,845 | \$34,957 | \$35,075 | \$35,199 | \$43,157 |
| | | | | | | |
| Total Assessable Budget | \$410,919 | \$371,478 | \$373,081 | \$374,765 | \$376,533 | \$381,355 |
| | | | | | | |
| Units | 614 | 614 | 614 | 614 | 614 | 614 |
| | | | | | | |
| Annual Rate Per Billing Unit | \$670 | \$606 | \$608 | \$611 | \$614 | \$622 |
| Monthly Rate Per Billing Unit | \$55.83 | \$50.50 | \$50.67 | \$50.92 | \$51.17 | \$51.83 |

Group 6

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|--------------------------|
| Insurance/Bonding | 2,258 | 2,258 | 2,258 | 2,258 | 2,258 | 2,258 |
| Mob/Demob (LS) | 157,839 | 157,839 | 157,839 | 157,839 | 157,839 | 157,839 |
| Dredging & Placement (CY) | 161,207 | 161,207 | 161,207 | 161,207 | 161,207 | 161,207 |
| Environmental Protection | 11,929 | 11,929 | 11,929 | 11,929 | 11,929 | 11,929 |
| Seagrass Transplanting & Monitoring (CY) | 26,031 | 26,031 | 26,031 | 26,031 | 26,031 | 26,031 |
| Engineering Fees - Plans, Design & Specs | 35,927 | 35,927 | 35,927 | 35,927 | 35,927 | 35,927 |
| Construction Administration | 17,963 | 17,963 | 17,963 | 17,963 | 17,963 | 17,963 |
| Total Dredging OPC | \$413,155 | \$413,155 | \$413,155 | \$413,155 | \$413,155 | \$413,155 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 6,140 | 6,447 | 6,769 | 7,108 | 7,463 | 6,786 |
| Overhead -- Finance Staff | 10,233 | 10,745 | 11,282 | 11,846 | 12,439 | 11,309 |
| Overhead -- Public Works | 10,233 | 10,745 | 11,282 | 11,846 | 12,439 | 11,309 |
| Total Expenditures | \$26,607 | \$27,937 | \$29,334 | \$30,801 | \$32,341 | \$29,404 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 37,921 | 5,117 | 5,117 | 5,117 | 5,117 | 11,678 |
| Legal Fees | 5,117 | 3,070 | 3,070 | 3,070 | 3,070 | 3,479 |
| Collection Costs (Property Appraiser @1.5%) | 7,802 | 7,248 | 7,271 | 7,294 | 7,319 | 7,387 |
| Collection Costs (Tax Collector @1.5%) | 7,802 | 7,248 | 7,271 | 7,294 | 7,319 | 7,387 |
| First Class Notice Costs (\$1.53 per) | 926 | 100 | 100 | 100 | 100 | 265 |
| Statutory Discount (@4%) | 20,805 | 19,328 | 19,388 | 19,451 | 19,518 | 19,698 |
| Total Misc. Assessment Expenditures | \$80,373 | \$42,111 | \$42,216 | \$42,326 | \$42,442 | \$49,894 |
| Total Assessable Budget | \$520,135 | \$483,203 | \$484,705 | \$486,282 | \$487,938 | \$492,453 |
| Units | 583 | 583 | 583 | 583 | 583 | 583 |
| Annual Rate Per Billing Unit | \$892 | \$829 | \$831 | \$834 | \$837 | \$845 |
| Monthly Rate Per Billing Unit | \$74.33 | \$69.08 | \$69.25 | \$69.50 | \$69.75 | \$70.42 |

Group 7

| | 2024 | 2025 | 2026 | 2027 | 2028 | Five-Year Average Annual |
|---|------------------|------------------|------------------|------------------|------------------|-----------------------------|
| Insurance/Bonding | 486 | 486 | 486 | 486 | 486 | 486 |
| Mob/Demob (LS) | 82,865 | 82,865 | 82,865 | 82,865 | 82,865 | 82,865 |
| Dredging & Placement (CY) | 34,702 | 34,702 | 34,702 | 34,702 | 34,702 | 34,702 |
| Environmental Protection | 2,568 | 2,568 | 2,568 | 2,568 | 2,568 | 2,568 |
| Seagrass Transplanting & Monitoring (CY) | 7,590 | 7,590 | 7,590 | 7,590 | 7,590 | 7,590 |
| Engineering Fees - Plans, Design & Specs | 12,821 | 12,821 | 12,821 | 12,821 | 12,821 | 12,821 |
| Construction Administration | 6,411 | 6,411 | 6,411 | 6,411 | 6,411 | 6,411 |
| Total Dredging OPC | \$147,444 | \$147,444 | \$147,444 | \$147,444 | \$147,444 | \$147,444 |
| Annual O&M | | | | | | |
| Navigational Markers repair & replacement | 101 | 107 | 112 | 117 | 123 | 112 |
| Overhead -- Finance Staff | 169 | 178 | 186 | 196 | 206 | 187 |
| Overhead -- Public Works | 169 | 178 | 186 | 196 | 206 | 187 |
| Total Expenditures | \$440 | \$462 | \$485 | \$509 | \$535 | \$486 |
| Misc. Assessment Expenditures | | | | | | |
| Study & Implementation | 627 | 85 | 85 | 85 | 85 | 193 |
| Legal Fees | 85 | 51 | 51 | 51 | 51 | 58 |
| Collection Costs (Property Appraiser @1.5%) | 2,397 | 2,389 | 2,390 | 2,390 | 2,391 | 2,391 |
| Collection Costs (Tax Collector @1.5%) | 2,397 | 2,389 | 2,390 | 2,390 | 2,391 | 2,391 |
| First Class Notice Costs (\$1.53 per) | 15 | 100 | 100 | 100 | 100 | 83 |
| Statutory Discount (@4%) | 6,392 | 6,372 | 6,373 | 6,374 | 6,375 | 6,377 |
| Total Misc. Assessment Expenditures | \$11,912 | \$11,386 | \$11,387 | \$11,389 | \$11,391 | \$11,493 |
| Total Assessable Budget | \$159,796 | \$159,291 | \$159,316 | \$159,342 | \$159,369 | \$159,423 |
| Units | 26 | 26 | 26 | 26 | 26 | 26 |
| Annual Rate Per Billing Unit | \$6,123 | \$6,104 | \$6,105 | \$6,106 | \$6,107 | \$6,109 |
| Monthly Rate Per Billing Unit | \$510.25 | \$508.67 | \$508.75 | \$508.83 | \$508.92 | \$509.08 |

General Benefit Budget

| | 5-Year Total | 5-Year Average Annual |
|---------------------------|--------------------|--------------------------|
| Group 1 | \$555,041 | \$111,008 |
| Group 2 | \$84,294 | \$16,859 |
| Group 3 | \$564,956 | \$112,991 |
| Group 4 | \$1,804,942 | \$360,988 |
| Group 5 | \$920,071 | \$184,014 |
| Group 6 | \$1,033,286 | \$206,657 |
| Group 7 | \$719,594 | \$143,919 |
| Total Dredging OPC | \$5,682,184 | \$1,136,437 |
| Statutory Discount | | \$48,879 |
| PA @ 1.5% | | \$18,330 |
| TC @ 1.5% | | \$18,330 |
| Total Collection | | \$85,538 |
| Total | | \$1,221,975 |

| 5-Year Average Annual Costs | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | General |
| Dredging OPC | \$343,746 | \$419,082 | \$163,274 | \$419,077 | \$306,802 | \$413,155 | \$147,444 | \$1,136,437 |
| O&M | \$19,975 | \$27,606 | \$12,248 | \$53,948 | \$31,397 | \$29,404 | \$486 | \$0 |
| Total Expenditures | \$363,721 | \$446,687 | \$175,521 | \$473,024 | \$338,199 | \$442,559 | \$147,930 | \$1,136,437 |
| Total Misc. Assessment Expenditures | \$38,670 | \$49,196 | \$20,169 | \$65,744 | \$43,157 | \$49,894 | \$11,493 | \$85,538 |
| Total Assessable Budget | \$402,391 | \$495,883 | \$195,690 | \$538,769 | \$381,355 | \$492,453 | \$159,423 | \$1,221,975 |
| Units | 325 | 404 | 62 | 126 | 614 | 583 | 26 | |
| | | | | | | | | Millage Rate |
| Annual Rate | \$1,238 | \$1,228 | \$3,133 | \$4,269 | \$622 | \$845 | \$6,109 | 0.1524 |
| Monthly Rate | \$103.17 | \$102.33 | \$261.08 | \$355.75 | \$51.83 | \$70.42 | \$509.08 | |

| | |
|---------------|-----------------|
| Taxable Value | \$8,353,979,772 |
|---------------|-----------------|

| | |
|---------------------------|-------------|
| Millage Rate | 0.1524 |
| Estimated Millage Revenue | \$1,222,221 |
| Revenue Needed | \$1,221,975 |
| Difference | \$246 |

Examples

| Taxable Value | Millage Charge |
|----------------------|-----------------------|
| \$250,000 | \$38.10 |
| 500,000 | \$76.20 |
| 750,000 | \$114.30 |
| 1,000,000 | \$152.40 |
| 1,500,000 | \$228.60 |
| 2,000,000 | \$304.80 |

| CANAL GROUP 1 | | | | | | | | | | | Total Estimate - Future FY | | | | |
|---------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|----------------------------|-------------|-------------|-------------|-------------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 1 | Local Canal - Direct Benefit | 859 | \$538 | \$42,162 | \$38,403 | \$2,842 | \$6,374 | \$9,032 | \$4,516 | \$103,867 | \$108,645 | \$113,208 | \$117,736 | \$122,446 | \$127,588 |
| 1P | Access Channel - General Benefit | 1,115 | \$699 | \$42,162 | \$49,877 | \$6,391 | \$8,235 | \$10,466 | \$5,233 | \$120,363 | \$125,899 | \$131,187 | \$136,435 | \$141,892 | \$147,851 |
| 2 | Local Canal - Direct Benefit | 5,456 | \$3,418 | \$42,162 | \$243,973 | \$18,054 | \$43,070 | \$35,068 | \$17,534 | \$403,278 | \$421,829 | \$439,546 | \$457,128 | \$475,413 | \$495,380 |
| 2A | Access Channel - General Benefit | 162 | \$102 | \$42,162 | \$7,254 | \$537 | \$1,198 | \$5,125 | \$2,563 | \$58,939 | \$61,651 | \$64,240 | \$66,810 | \$69,482 | \$72,400 |
| 2A | Access Channel - General Benefit | 2,329 | \$1,459 | \$42,162 | \$104,164 | \$7,708 | \$17,197 | \$17,269 | \$8,635 | \$198,595 | \$207,730 | \$216,455 | \$225,113 | \$234,117 | \$243,950 |
| 2A | Local Canal - Direct Benefit | 395 | \$248 | \$42,162 | \$17,670 | \$1,308 | \$2,917 | \$6,430 | \$3,215 | \$73,950 | \$77,352 | \$80,601 | \$83,825 | \$87,178 | \$90,839 |
| 2B | Local Canal - Direct Benefit | 212 | \$133 | \$42,162 | \$9,459 | \$700 | \$781 | \$5,323 | \$2,662 | \$61,219 | \$64,035 | \$66,725 | \$69,394 | \$72,170 | \$75,201 |
| 3 | Local Canal - Direct Benefit | 425 | \$266 | \$42,162 | \$18,998 | \$1,406 | \$6,384 | \$3,192 | \$3,192 | \$73,420 | \$76,797 | \$80,023 | \$83,224 | \$86,552 | \$90,188 |
| 4 | Local Canal - Direct Benefit | 613 | \$384 | \$42,162 | \$27,409 | \$2,028 | \$1,994 | \$7,398 | \$3,699 | \$85,074 | \$88,987 | \$92,725 | \$96,434 | \$100,291 | \$104,503 |
| 5 | Local Canal - Direct Benefit | 640 | \$401 | \$42,162 | \$28,599 | \$2,116 | \$2,002 | \$7,528 | \$3,764 | \$86,572 | \$90,554 | \$94,357 | \$98,131 | \$102,057 | \$106,343 |
| 6 | Local Canal - Direct Benefit | 532 | \$334 | \$42,162 | \$23,812 | \$1,762 | \$1,824 | \$6,989 | \$3,495 | \$80,378 | \$84,076 | \$87,607 | \$91,111 | \$94,755 | \$98,735 |
| 7 | Local Canal - Direct Benefit | 1,037 | \$650 | \$42,162 | \$46,367 | \$3,431 | \$3,487 | \$9,610 | \$4,805 | \$110,511 | \$115,594 | \$120,449 | \$125,267 | \$130,278 | \$135,749 |
| 7A | Local Canal - Direct Benefit | 978 | \$613 | \$42,162 | \$43,736 | \$3,236 | \$7,741 | \$9,749 | \$4,874 | \$112,111 | \$117,268 | \$122,194 | \$127,081 | \$132,165 | \$137,716 |
| 8 | Local Canal - Direct Benefit | 1,020 | \$639 | \$42,162 | \$45,607 | \$3,375 | \$9,531 | \$4,766 | \$4,766 | \$109,607 | \$114,648 | \$119,464 | \$124,242 | \$129,212 | \$134,639 |
| 9 | Local Canal - Direct Benefit | 779 | \$488 | \$42,162 | \$34,851 | \$2,579 | \$2,621 | \$8,270 | \$4,135 | \$95,106 | \$99,481 | \$103,659 | \$107,806 | \$112,118 | \$116,827 |
| 10 | Local Canal - Direct Benefit | 499 | \$313 | \$42,162 | \$22,323 | \$1,652 | \$1,409 | \$6,786 | \$3,393 | \$78,037 | \$81,627 | \$85,055 | \$88,458 | \$91,996 | \$95,860 |
| | | | | | | | | | | | | | | | |
| 1 | Access Channel - General Benefit | 3,607 | \$2,260 | \$126,486 | \$161,295 | \$11,936 | \$26,629 | \$32,861 | \$16,430 | \$377,897 | \$395,280 | \$411,882 | \$428,357 | \$445,491 | \$464,202 |
| | Arterial Channel - Cost Share Benefit | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Local Canal - Direct Benefit | 13,444 | \$8,422 | \$548,104 | \$601,207 | \$44,489 | \$78,760 | \$128,098 | \$64,049 | \$1,473,130 | \$1,540,894 | \$1,605,611 | \$1,669,836 | \$1,736,629 | \$1,809,568 |

| CANAL GROUP 2 | | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|---------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|------------------------------------|-------------|-------------|-------------|-------------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 11 | Local Canal - Direct Benefit | 1,747 | \$1,070 | \$37,477 | \$76,408 | \$5,654 | \$14,228 | \$13,484 | \$6,742 | \$155,063 | \$162,196 | \$169,008 | \$175,769 | \$182,799 | \$190,477 |
| 11A | Local Canal - Direct Benefit | 1,690 | \$1,035 | \$37,477 | \$73,915 | \$5,470 | \$13,980 | \$13,188 | \$6,594 | \$151,659 | \$158,635 | \$165,298 | \$171,910 | \$178,786 | \$186,295 |
| 11A | Access Channel - General Benefit | 433 | \$265 | \$37,477 | \$18,930 | \$1,401 | \$1,598 | \$5,967 | \$2,984 | \$68,622 | \$71,778 | \$74,793 | \$77,785 | \$80,896 | \$84,294 |
| 11B | Local Canal - Direct Benefit | 544 | \$333 | \$37,477 | \$23,783 | \$1,760 | \$2,007 | \$6,536 | \$3,268 | \$75,165 | \$78,623 | \$81,925 | \$85,202 | \$88,610 | \$92,331 |
| 11B | Local Canal - Direct Benefit | 209 | \$128 | \$37,477 | \$9,159 | \$678 | \$724 | \$4,817 | \$2,408 | \$55,392 | \$57,940 | \$60,374 | \$62,789 | \$65,300 | \$68,043 |
| 11C | Local Canal - Direct Benefit | 638 | \$391 | \$37,477 | \$27,920 | \$2,066 | \$5,052 | \$7,291 | \$3,645 | \$83,843 | \$87,699 | \$91,383 | \$95,038 | \$98,840 | \$102,991 |
| 12 | Local Canal - Direct Benefit | 1,416 | \$868 | \$37,477 | \$61,946 | \$4,584 | \$5,605 | \$11,048 | \$5,524 | \$127,052 | \$132,896 | \$138,478 | \$144,017 | \$149,778 | \$156,069 |
| 13 | Local Canal - Direct Benefit | 1,233 | \$756 | \$37,477 | \$53,948 | \$3,992 | \$5,102 | \$10,128 | \$5,064 | \$116,466 | \$121,824 | \$126,941 | \$132,018 | \$137,299 | \$143,065 |
| 14 | Local Canal - Direct Benefit | 1,499 | \$919 | \$37,477 | \$65,580 | \$4,853 | \$6,286 | \$11,511 | \$5,756 | \$132,382 | \$138,472 | \$144,287 | \$150,059 | \$156,061 | \$162,616 |
| 14B | Local Canal - Direct Benefit | 1,072 | \$657 | \$37,477 | \$46,873 | \$3,469 | \$4,520 | \$9,300 | \$4,650 | \$106,945 | \$111,864 | \$116,562 | \$121,225 | \$126,074 | \$131,369 |
| 15N | Local Canal - Direct Benefit | 356 | \$218 | \$37,477 | \$15,557 | \$1,151 | \$1,230 | \$5,563 | \$2,782 | \$63,978 | \$66,921 | \$69,732 | \$72,521 | \$75,422 | \$78,590 |
| 15S | Local Canal - Direct Benefit | 977 | \$598 | \$37,477 | \$42,720 | \$3,161 | \$3,378 | \$8,734 | \$4,367 | \$100,435 | \$105,055 | \$109,468 | \$113,846 | \$118,400 | \$123,373 |
| 15W | Local Canal - Direct Benefit | 917 | \$562 | \$37,477 | \$40,095 | \$2,967 | \$7,527 | \$8,863 | \$4,431 | \$101,922 | \$106,610 | \$111,088 | \$115,531 | \$120,152 | \$125,199 |
| 16 | Local Canal - Direct Benefit | 630 | \$386 | \$37,477 | \$27,563 | \$2,040 | \$3,315 | \$7,078 | \$3,539 | \$81,398 | \$85,142 | \$88,718 | \$92,267 | \$95,957 | \$99,987 |
| 16A | Local Canal - Direct Benefit | 712 | \$436 | \$37,477 | \$31,130 | \$2,304 | \$6,038 | \$7,739 | \$3,869 | \$88,994 | \$93,087 | \$96,997 | \$100,877 | \$104,912 | \$109,318 |
| 17 | Local Canal - Direct Benefit | 913 | \$559 | \$37,477 | \$39,936 | \$2,955 | \$5,282 | \$8,621 | \$4,311 | \$99,142 | \$103,702 | \$108,058 | \$112,380 | \$116,875 | \$121,784 |
| 18 | Local Canal - Direct Benefit | 554 | \$340 | \$37,477 | \$24,244 | \$1,794 | \$5,503 | \$6,936 | \$3,468 | \$79,761 | \$83,430 | \$86,934 | \$90,412 | \$94,028 | \$97,977 |
| 19 | Local Canal - Direct Benefit | 696 | \$427 | \$37,477 | \$30,464 | \$2,254 | \$4,360 | \$7,498 | \$3,749 | \$86,230 | \$90,197 | \$93,985 | \$97,744 | \$101,654 | \$105,923 |
| | | | | | | | | | | | | | | | |
| 2 | Access Channel - General Benefit | 433 | \$265 | \$37,477 | \$18,930 | \$1,401 | \$1,598 | \$5,967 | \$2,984 | \$68,622 | \$71,778 | \$74,793 | \$77,785 | \$80,896 | \$84,294 |
| | Arterial Channel - Cost Share Benefit | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Local Canal - Direct Benefit | 15,803 | \$9,683 | \$637,113 | \$691,242 | \$51,152 | \$94,137 | \$148,333 | \$74,166 | \$1,705,826 | \$1,784,294 | \$1,859,234 | \$1,933,604 | \$2,010,948 | \$2,095,408 |

| CANAL GROUP 3 | | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|---------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|------------------------------------|-----------|-----------|-----------|-----------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 20 | Local Canal - Direct Benefit | 90 | \$67 | \$56,216 | \$4,753 | \$352 | \$0 | \$6,139 | \$3,069 | \$70,596 | \$73,843 | \$76,944 | \$80,022 | \$83,223 | \$86,718 |
| 20A | Access Channel - General Benefit | 494 | \$367 | \$56,216 | \$26,180 | \$1,937 | \$3,710 | \$8,841 | \$4,420 | \$101,671 | \$106,348 | \$110,814 | \$115,247 | \$119,857 | \$124,891 |
| 20P | Local Canal - Direct Benefit | 650 | \$483 | \$56,216 | \$34,446 | \$2,549 | \$3,671 | \$9,736 | \$4,868 | \$111,969 | \$117,119 | \$122,038 | \$126,920 | \$131,997 | \$137,541 |
| 21 | Local Canal - Direct Benefit | 58 | \$43 | \$56,216 | \$3,052 | \$226 | \$0 | \$5,954 | \$2,977 | \$68,467 | \$71,616 | \$74,624 | \$77,609 | \$80,713 | \$84,103 |
| 21A | Access Channel - General Benefit | 381 | \$283 | \$56,216 | \$20,206 | \$1,495 | \$2,481 | \$8,068 | \$4,034 | \$92,784 | \$97,052 | \$101,128 | \$105,174 | \$109,381 | \$113,974 |
| 21P | Local Canal - Direct Benefit | 1,272 | \$944 | \$56,216 | \$67,404 | \$4,988 | \$8,554 | \$13,811 | \$6,905 | \$158,822 | \$166,128 | \$173,105 | \$180,029 | \$187,231 | \$195,094 |
| 22 | Local Canal - Direct Benefit | 89 | \$66 | \$56,216 | \$4,697 | \$348 | \$307 | \$6,163 | \$3,082 | \$70,878 | \$74,138 | \$77,252 | \$80,342 | \$83,556 | \$87,065 |
| 22A | Access Channel - General Benefit | 1,032 | \$766 | \$56,216 | \$54,695 | \$4,047 | \$5,043 | \$12,077 | \$6,038 | \$138,883 | \$145,272 | \$151,373 | \$157,428 | \$163,725 | \$170,602 |
| 22P | Local Canal - Direct Benefit | 322 | \$239 | \$56,216 | \$17,040 | \$1,261 | \$2,200 | \$7,696 | \$3,848 | \$88,499 | \$92,570 | \$96,458 | \$100,317 | \$104,329 | \$108,711 |
| 23 | Local Canal - Direct Benefit | 100 | \$74 | \$56,216 | \$5,295 | \$392 | \$320 | \$6,230 | \$3,115 | \$71,642 | \$74,937 | \$78,085 | \$81,208 | \$84,456 | \$88,004 |
| 23P | Local Canal - Direct Benefit | 136 | \$101 | \$56,216 | \$7,183 | \$532 | \$957 | \$6,499 | \$3,249 | \$74,736 | \$78,174 | \$81,457 | \$84,715 | \$88,104 | \$91,804 |
| 24 | Local Canal - Direct Benefit | 156 | \$116 | \$56,216 | \$8,291 | \$614 | \$468 | \$6,570 | \$3,285 | \$75,560 | \$79,036 | \$82,355 | \$85,650 | \$89,076 | \$92,817 |
| | | | | | | | | | | | | | | | |
| 3 | Access Channel - General Benefit | 1,907 | \$1,416 | \$168,647 | \$101,082 | \$7,480 | \$11,234 | \$28,986 | \$14,493 | \$333,338 | \$348,672 | \$363,316 | \$377,849 | \$392,963 | \$409,467 |
| | Arterial Channel - Cost Share Benefit | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Local Canal - Direct Benefit | 2,871 | \$2,132 | \$505,942 | \$152,162 | \$11,260 | \$16,476 | \$68,797 | \$34,399 | \$791,168 | \$827,562 | \$862,319 | \$896,812 | \$932,685 | \$971,857 |

| CANAL GROUP 4 | | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|---------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|------------------------------------|-------------|-------------|-------------|-------------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 24P | Arterial Channel - Cost Share Benefit | 1,024 | \$653 | \$42,162 | \$46,635 | \$3,451 | \$8,105 | \$10,101 | \$5,050 | \$116,157 | \$121,501 | \$126,604 | \$131,668 | \$136,934 | \$142,686 |
| 25 | Local Canal - Direct Benefit | 127 | \$81 | \$42,162 | \$5,801 | \$429 | \$4,885 | \$4,885 | \$2,443 | \$56,183 | \$58,767 | \$61,235 | \$63,685 | \$66,232 | \$69,014 |
| 26 | Local Canal - Direct Benefit | 806 | \$514 | \$42,162 | \$36,700 | \$2,716 | \$8,507 | \$8,507 | \$4,253 | \$97,826 | \$102,326 | \$106,624 | \$110,889 | \$115,324 | \$120,168 |
| 26P | Arterial Channel - Cost Share Benefit | 4,033 | \$2,573 | \$42,162 | \$183,676 | \$13,592 | \$35,793 | \$27,780 | \$13,890 | \$319,466 | \$334,161 | \$348,196 | \$362,124 | \$376,609 | \$392,426 |
| 31A | Access Channel - General Benefit | 6,355 | \$4,054 | \$42,162 | \$289,418 | \$21,417 | \$60,039 | \$41,709 | \$20,854 | \$479,653 | \$501,717 | \$522,790 | \$543,701 | \$565,449 | \$589,198 |
| 26P | Arterial Channel - Cost Share Benefit | 2,969 | \$1,894 | \$42,162 | \$135,233 | \$10,007 | \$26,353 | \$21,565 | \$10,783 | \$247,998 | \$259,406 | \$270,301 | \$281,113 | \$292,357 | \$304,636 |
| 27 | Local Canal - Direct Benefit | 112 | \$72 | \$42,162 | \$5,116 | \$379 | \$720 | \$4,845 | \$2,422 | \$55,716 | \$58,279 | \$60,727 | \$63,156 | \$65,682 | \$68,441 |
| 28 | Local Canal - Direct Benefit | 92 | \$58 | \$42,162 | \$4,167 | \$308 | \$420 | \$4,712 | \$2,356 | \$54,184 | \$56,676 | \$59,057 | \$61,419 | \$63,876 | \$66,558 |
| 29 | Local Canal - Direct Benefit | 637 | \$406 | \$42,162 | \$29,013 | \$2,147 | \$4,407 | \$7,814 | \$3,907 | \$89,855 | \$93,989 | \$97,936 | \$101,854 | \$105,928 | \$110,377 |
| 30 | Local Canal - Direct Benefit | 785 | \$501 | \$42,162 | \$35,771 | \$2,647 | \$5,594 | \$8,668 | \$4,334 | \$99,677 | \$104,262 | \$108,641 | \$112,986 | \$117,506 | \$122,441 |
| 31 | Local Canal - Direct Benefit | 7,034 | \$4,487 | \$42,162 | \$320,333 | \$23,705 | \$65,053 | \$45,574 | \$22,787 | \$524,100 | \$548,208 | \$571,233 | \$594,083 | \$617,846 | \$643,795 |
| 31A | Access Channel - General Benefit | 8,835 | \$5,636 | \$42,162 | \$402,353 | \$29,774 | \$83,467 | \$56,339 | \$28,170 | \$647,900 | \$677,704 | \$706,167 | \$734,414 | \$763,791 | \$795,870 |
| 31C | Local Canal - Direct Benefit | 2,300 | \$1,467 | \$42,162 | \$104,733 | \$7,750 | \$21,269 | \$17,738 | \$8,869 | \$203,989 | \$213,372 | \$222,334 | \$231,227 | \$240,476 | \$250,576 |
| 31D | Local Canal - Direct Benefit | 645 | \$411 | \$42,162 | \$29,363 | \$2,173 | \$5,103 | \$9,961 | \$3,961 | \$91,094 | \$95,284 | \$99,286 | \$103,258 | \$107,388 | \$111,898 |
| 31E | Local Canal - Direct Benefit | 644 | \$411 | \$42,162 | \$29,325 | \$2,170 | \$5,386 | \$7,945 | \$3,973 | \$91,372 | \$95,575 | \$99,589 | \$103,572 | \$107,715 | \$112,239 |
| 32 | Local Canal - Direct Benefit | 699 | \$446 | \$42,162 | \$31,847 | \$2,357 | \$2,322 | \$7,913 | \$3,957 | \$91,004 | \$95,190 | \$99,188 | \$103,156 | \$107,282 | \$111,788 |
| | | | | | | | | | | | | | | | |
| 4 | Access Channel - General Benefit | 15,190 | \$9,691 | \$84,324 | \$691,771 | \$51,191 | \$143,505 | \$98,048 | \$49,024 | \$1,127,554 | \$1,179,421 | \$1,228,957 | \$1,278,115 | \$1,329,240 | \$1,385,068 |
| | Arterial Channel - Cost Share Benefit | 8,027 | \$5,121 | \$126,486 | \$365,545 | \$27,050 | \$70,252 | \$59,445 | \$29,723 | \$683,621 | \$715,067 | \$745,100 | \$774,904 | \$805,900 | \$839,748 |
| | Local Canal - Direct Benefit | 13,881 | \$8,856 | \$463,781 | \$632,170 | \$46,781 | \$113,630 | \$126,522 | \$63,261 | \$1,454,999 | \$1,521,929 | \$1,585,850 | \$1,649,284 | \$1,715,256 | \$1,787,297 |

| CANAL GROUP 5 | | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|---------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|------------------------------------|-----------|-----------|-------------|-------------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 32A | Access Channel - General Benefit | 1,459 | \$894 | \$44,973 | \$63,797 | \$4,721 | \$12,174 | \$12,656 | \$6,328 | \$145,542 | \$152,237 | \$158,631 | \$164,976 | \$171,575 | \$178,781 |
| 32B | Arterial Channel - Cost Share Benefit | 390 | \$239 | \$44,973 | \$17,038 | \$1,261 | \$3,085 | \$6,660 | \$3,330 | \$76,585 | \$80,108 | \$83,472 | \$86,811 | \$90,283 | \$94,075 |
| 32B | Local Canal - Direct Benefit | 755 | \$463 | \$44,973 | \$33,018 | \$2,443 | \$5,978 | \$8,687 | \$4,344 | \$99,906 | \$104,502 | \$108,891 | \$113,247 | \$117,776 | \$122,723 |
| 32P | Arterial Channel - Cost Share Benefit | 3,438 | \$2,105 | \$44,973 | \$150,283 | \$11,121 | \$20,546 | \$22,903 | \$11,451 | \$263,382 | \$275,498 | \$287,069 | \$298,552 | \$310,494 | \$323,534 |
| 32P | Local Canal - Direct Benefit | 2,033 | \$1,245 | \$44,973 | \$88,858 | \$6,575 | \$12,148 | \$15,380 | \$7,690 | \$176,869 | \$185,005 | \$192,775 | \$200,486 | \$208,506 | \$217,263 |
| 33 | Access Channel - General Benefit | 219 | \$134 | \$44,973 | \$9,558 | \$707 | \$1,690 | \$5,706 | \$2,853 | \$65,621 | \$68,640 | \$71,523 | \$74,384 | \$77,359 | \$80,608 |
| 33 | Arterial Channel - Cost Share Benefit | 513 | \$314 | \$44,973 | \$22,433 | \$1,660 | \$3,966 | \$7,335 | \$3,667 | \$84,348 | \$88,228 | \$91,933 | \$95,611 | \$99,435 | \$103,611 |
| 33 | Local Canal - Direct Benefit | 468 | \$286 | \$44,973 | \$20,449 | \$1,513 | \$3,616 | \$7,084 | \$3,542 | \$81,463 | \$85,210 | \$88,789 | \$92,341 | \$96,035 | \$100,068 |
| 33A | Access Channel - General Benefit | 854 | \$523 | \$44,973 | \$37,350 | \$2,764 | \$6,262 | \$9,187 | \$4,594 | \$105,653 | \$110,513 | \$115,154 | \$119,760 | \$124,551 | \$129,782 |
| 33B | Arterial Channel - Cost Share Benefit | 4,301 | \$2,634 | \$44,973 | \$188,034 | \$13,915 | \$15,579 | \$26,513 | \$13,257 | \$304,905 | \$318,930 | \$332,326 | \$345,619 | \$359,443 | \$374,540 |
| 33C | Arterial Channel - Cost Share Benefit | 1,418 | \$868 | \$44,973 | \$61,977 | \$4,586 | \$5,135 | \$11,754 | \$5,877 | \$135,169 | \$141,387 | \$147,325 | \$153,218 | \$159,347 | \$166,040 |
| 33C | Local Canal - Direct Benefit | 746 | \$457 | \$44,973 | \$32,630 | \$2,415 | \$2,954 | \$8,343 | \$4,171 | \$95,943 | \$100,356 | \$104,571 | \$108,754 | \$113,104 | \$117,854 |
| 33C | Local Canal - Direct Benefit | 746 | \$457 | \$44,973 | \$32,609 | \$2,413 | \$2,883 | \$8,333 | \$4,167 | \$95,834 | \$100,242 | \$104,452 | \$108,631 | \$112,976 | \$117,721 |
| 33C | Local Canal - Direct Benefit | 770 | \$471 | \$44,973 | \$33,651 | \$2,490 | \$2,821 | \$8,441 | \$4,220 | \$97,067 | \$101,532 | \$105,797 | \$110,029 | \$114,430 | \$119,236 |
| 33C | Local Canal - Direct Benefit | 451 | \$276 | \$44,973 | \$19,731 | \$1,460 | \$1,841 | \$6,828 | \$3,414 | \$78,523 | \$82,135 | \$85,585 | \$89,008 | \$92,568 | \$96,456 |
| | | | | | | | | | | | | | | | |
| 5 | Access Channel - General Benefit | 2,532 | \$1,551 | \$134,918 | \$110,705 | \$8,192 | \$20,126 | \$27,549 | \$13,775 | \$316,816 | \$331,389 | \$345,308 | \$359,120 | \$373,485 | \$389,171 |
| | Arterial Channel - Cost Share Benefit | 10,060 | \$6,161 | \$224,863 | \$439,765 | \$32,543 | \$48,311 | \$75,164 | \$37,582 | \$864,389 | \$904,151 | \$942,125 | \$979,810 | \$1,019,003 | \$1,061,801 |
| | Local Canal - Direct Benefit | 5,969 | \$3,656 | \$314,809 | \$260,946 | \$19,310 | \$32,241 | \$63,096 | \$31,548 | \$725,606 | \$758,983 | \$790,861 | \$822,495 | \$855,395 | \$891,322 |

| CANAL GROUP 6 | | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|---------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|------------------------------------|-------------|-------------|-------------|-------------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 34 | Local Canal - Direct Benefit | 919 | \$576 | \$32,123 | \$41,101 | \$3,041 | \$6,733 | \$8,357 | \$4,179 | \$96,111 | \$100,532 | \$104,754 | \$108,944 | \$113,302 | \$118,061 |
| 35 | Local Canal - Direct Benefit | 851 | \$533 | \$32,123 | \$38,080 | \$2,818 | \$6,190 | \$7,974 | \$3,987 | \$91,706 | \$95,925 | \$99,954 | \$103,952 | \$108,110 | \$112,651 |
| 36 | Local Canal - Direct Benefit | 884 | \$554 | \$32,123 | \$39,536 | \$2,926 | \$6,476 | \$8,161 | \$4,081 | \$93,857 | \$98,174 | \$102,298 | \$106,390 | \$110,645 | \$115,292 |
| 37 | Local Canal - Direct Benefit | 893 | \$560 | \$32,123 | \$39,960 | \$2,957 | \$6,521 | \$8,212 | \$4,106 | \$94,439 | \$98,783 | \$102,932 | \$107,049 | \$111,331 | \$116,007 |
| 38 | Local Canal - Direct Benefit | 896 | \$562 | \$32,123 | \$40,096 | \$2,967 | \$6,492 | \$8,224 | \$4,112 | \$94,576 | \$98,927 | \$103,082 | \$107,205 | \$111,493 | \$116,176 |
| 39 | Local Canal - Direct Benefit | 901 | \$565 | \$32,123 | \$40,329 | \$2,984 | \$6,476 | \$8,248 | \$4,124 | \$94,849 | \$99,213 | \$103,379 | \$107,515 | \$111,815 | \$116,511 |
| 40 | Local Canal - Direct Benefit | 908 | \$569 | \$32,123 | \$40,624 | \$3,006 | \$6,467 | \$8,279 | \$4,139 | \$95,208 | \$99,588 | \$103,770 | \$107,921 | \$112,238 | \$116,952 |
| 41 | Local Canal - Direct Benefit | 934 | \$585 | \$32,123 | \$41,778 | \$3,092 | \$6,589 | \$8,417 | \$4,208 | \$96,792 | \$101,245 | \$105,497 | \$109,717 | \$114,106 | \$118,898 |
| 42 | Local Canal - Direct Benefit | 981 | \$615 | \$32,123 | \$43,884 | \$3,247 | \$6,954 | \$8,682 | \$4,341 | \$99,848 | \$104,441 | \$108,827 | \$113,180 | \$117,707 | \$122,651 |
| 43 | Local Canal - Direct Benefit | 1,234 | \$773 | \$32,123 | \$55,193 | \$4,084 | \$9,075 | \$10,125 | \$5,062 | \$116,436 | \$121,792 | \$126,907 | \$131,983 | \$137,263 | \$143,028 |
| 44 | Local Canal - Direct Benefit | 592 | \$371 | \$32,123 | \$26,504 | \$1,961 | \$4,374 | \$6,533 | \$3,267 | \$75,133 | \$78,589 | \$81,890 | \$85,166 | \$88,572 | \$92,292 |
| 45 | Local Canal - Direct Benefit | 607 | \$381 | \$32,123 | \$27,173 | \$2,011 | \$4,399 | \$6,609 | \$3,304 | \$76,000 | \$79,496 | \$82,835 | \$86,148 | \$89,594 | \$93,357 |
| 46 | Local Canal - Direct Benefit | 672 | \$421 | \$32,123 | \$30,069 | \$2,225 | \$4,944 | \$6,978 | \$3,489 | \$80,249 | \$83,941 | \$87,466 | \$90,965 | \$94,604 | \$98,577 |
| 47 | Local Canal - Direct Benefit | 766 | \$480 | \$32,123 | \$34,266 | \$2,536 | \$5,787 | \$7,519 | \$3,760 | \$86,471 | \$90,449 | \$94,248 | \$98,018 | \$101,938 | \$106,220 |
| 48 | Local Canal - Direct Benefit | 649 | \$407 | \$32,123 | \$29,033 | \$2,148 | \$4,756 | \$6,847 | \$3,423 | \$78,737 | \$82,359 | \$85,818 | \$89,251 | \$92,821 | \$96,719 |
| 49 | Local Canal - Direct Benefit | 681 | \$427 | \$32,123 | \$30,477 | \$2,255 | \$4,294 | \$6,958 | \$3,479 | \$80,013 | \$83,694 | \$87,209 | \$90,697 | \$94,325 | \$98,287 |
| 50 | Local Canal - Direct Benefit | 520 | \$326 | \$32,123 | \$23,252 | \$1,721 | \$3,837 | \$6,126 | \$3,063 | \$70,448 | \$73,689 | \$76,784 | \$79,855 | \$83,049 | \$86,537 |
| 51 | Local Canal - Direct Benefit | 460 | \$288 | \$32,123 | \$20,582 | \$1,523 | \$3,396 | \$5,791 | \$2,896 | \$66,600 | \$69,663 | \$72,589 | \$75,493 | \$78,512 | \$81,810 |
| 52 | Local Canal - Direct Benefit | 248 | \$155 | \$32,123 | \$11,073 | \$819 | \$1,793 | \$4,596 | \$2,298 | \$52,859 | \$55,290 | \$57,612 | \$59,917 | \$62,314 | \$64,931 |
| 53 | Local Canal - Direct Benefit | 71 | \$44 | \$32,123 | \$3,167 | \$234 | \$405 | \$3,597 | \$1,799 | \$41,370 | \$43,273 | \$45,090 | \$46,894 | \$48,770 | \$50,818 |
| 54 | Access Channel - General Benefit | 12,081 | \$7,572 | \$32,123 | \$540,523 | \$39,999 | \$111,240 | \$73,146 | \$36,573 | \$841,176 | \$879,870 | \$916,824 | \$953,497 | \$991,637 | \$1,033,286 |
| | | | | | | | | | | | | | | | |
| 6 | Access Channel - General Benefit | 12,081 | \$7,572 | \$32,123 | \$540,523 | \$39,999 | \$111,240 | \$73,146 | \$36,573 | \$841,176 | \$879,870 | \$916,824 | \$953,497 | \$991,637 | \$1,033,286 |
| | Arterial Channel - Cost Share Benefit | 0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | Local Canal - Direct Benefit | 14,666 | \$9,192 | \$642,467 | \$656,176 | \$48,557 | \$105,958 | \$146,235 | \$73,117 | \$1,681,702 | \$1,759,061 | \$1,832,941 | \$1,906,259 | \$1,982,509 | \$2,065,775 |

| CANAL GROUP | | | | | | | | | | | | PROJECTED TOTAL CONSTRUCTION COSTS | | | | |
|-------------|---------------------------------------|-----------------------------|-------------------|----------------|----------------------|--------------------------|-------------------------------------|--|-----------------------------|-----------------------------|--|------------------------------------|-----------|-----------|-----------|-----------|
| CANAL NAME | Classification | Estimated Dredge Quantities | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement | Environmental Protection | Seagrass Transplanting & Monitoring | Engineering Fees - Plans, Design & Specs | Construction Administration | Total Estimate - Current FY | | FY 2024 | FY 2025 | FY 2026 | FY 2027 | FY 2028 |
| 55 | Local Canal - Direct Benefit | 3,020 | \$1,788 | \$224,863 | \$127,625 | \$9,444 | \$28,209 | \$39,193 | \$19,596 | \$450,719 | | \$471,452 | \$491,253 | \$510,903 | \$531,339 | \$553,655 |
| 55 | Access Channel - General Benefit | 2,794 | \$1,654 | \$224,863 | \$118,094 | \$8,739 | \$26,103 | \$37,945 | \$18,973 | \$436,372 | | \$456,445 | \$475,616 | \$494,640 | \$514,426 | \$536,032 |
| 55A | Arterial Channel - Cost Share Benefit | 645 | \$382 | \$224,863 | \$27,252 | \$2,017 | \$5,372 | \$25,989 | \$12,994 | \$298,869 | | \$312,617 | \$325,747 | \$338,776 | \$352,327 | \$367,125 |
| | | | | | | | | | | | | | | | | |
| 7 | Access Channel - General Benefit | 2,794 | \$1,654 | \$224,863 | \$118,094 | \$8,739 | \$26,103 | \$37,945 | \$18,973 | \$436,372 | | \$456,445 | \$475,616 | \$494,640 | \$514,426 | \$536,032 |
| | Arterial Channel - Cost Share Benefit | 645 | \$382 | \$224,863 | \$27,252 | \$2,017 | \$5,372 | \$25,989 | \$12,994 | \$298,869 | | \$312,617 | \$325,747 | \$338,776 | \$352,327 | \$367,125 |
| | Local Canal - Direct Benefit | 3,020 | \$1,788 | \$224,863 | \$127,625 | \$9,444 | \$28,209 | \$39,193 | \$19,596 | \$450,719 | | \$471,452 | \$491,253 | \$510,903 | \$531,339 | \$553,655 |

Longboat Key Inflation Adjusted Probable Costs by Canal Group

Canal Group 1

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$10,682 | \$674,590 | \$762,502 | \$56,425 | \$105,389 | \$160,959 | \$80,479 | \$1,851,026 |
| 2024 | \$11,173 | \$705,621 | \$797,578 | \$59,021 | \$110,237 | \$168,363 | \$84,181 | \$1,936,174 |
| 2025 | \$11,642 | \$735,257 | \$831,076 | \$61,500 | \$114,867 | \$175,434 | \$87,717 | \$2,017,493 |
| 2026 | \$12,108 | \$764,667 | \$864,319 | \$63,960 | \$119,461 | \$182,452 | \$91,226 | \$2,098,193 |
| 2027 | \$12,592 | \$795,254 | \$898,892 | \$66,518 | \$124,240 | \$189,750 | \$94,875 | \$2,182,120 |
| 2028 | \$13,121 | \$828,655 | \$936,645 | \$69,312 | \$129,458 | \$197,719 | \$98,860 | \$2,273,769 |

Canal Group 2

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$9,949 | \$674,590 | \$710,173 | \$52,553 | \$95,734 | \$154,300 | \$77,150 | \$1,774,448 |
| 2024 | \$10,406 | \$705,621 | \$742,840 | \$54,970 | \$100,138 | \$161,398 | \$80,699 | \$1,856,072 |
| 2025 | \$10,843 | \$735,257 | \$774,040 | \$57,279 | \$104,344 | \$168,176 | \$84,088 | \$1,934,027 |
| 2026 | \$11,277 | \$764,667 | \$805,001 | \$59,570 | \$108,517 | \$174,903 | \$87,452 | \$2,011,388 |
| 2027 | \$11,728 | \$795,254 | \$837,201 | \$61,953 | \$112,858 | \$181,899 | \$90,950 | \$2,091,844 |
| 2028 | \$12,221 | \$828,655 | \$872,364 | \$64,555 | \$117,598 | \$189,539 | \$94,770 | \$2,179,701 |

Canal Group 3

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$3,548 | \$674,590 | \$253,244 | \$18,740 | \$27,710 | \$97,783 | \$48,892 | \$1,124,506 |
| 2024 | \$3,711 | \$705,621 | \$264,893 | \$19,602 | \$28,985 | \$102,281 | \$51,141 | \$1,176,234 |
| 2025 | \$3,867 | \$735,257 | \$276,019 | \$20,425 | \$30,202 | \$106,577 | \$53,289 | \$1,225,636 |
| 2026 | \$4,021 | \$764,667 | \$287,059 | \$21,242 | \$31,410 | \$110,840 | \$55,420 | \$1,274,661 |
| 2027 | \$4,182 | \$795,254 | \$298,542 | \$22,092 | \$32,667 | \$115,274 | \$57,637 | \$1,325,647 |
| 2028 | \$4,358 | \$828,655 | \$311,080 | \$23,020 | \$34,039 | \$120,115 | \$60,058 | \$1,381,325 |

Canal Group 4

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$23,667 | \$674,590 | \$1,689,485 | \$125,022 | \$327,387 | \$284,015 | \$142,008 | \$3,266,174 |
| 2024 | \$24,756 | \$705,621 | \$1,767,202 | \$130,773 | \$342,447 | \$297,080 | \$148,540 | \$3,416,418 |
| 2025 | \$25,796 | \$735,257 | \$1,841,424 | \$136,265 | \$356,829 | \$309,557 | \$154,779 | \$3,559,908 |
| 2026 | \$26,828 | \$764,667 | \$1,915,081 | \$141,716 | \$371,103 | \$321,939 | \$160,970 | \$3,702,304 |
| 2027 | \$27,901 | \$795,254 | \$1,991,684 | \$147,385 | \$385,947 | \$334,817 | \$167,409 | \$3,850,396 |
| 2028 | \$29,073 | \$828,655 | \$2,075,335 | \$153,575 | \$402,156 | \$348,879 | \$174,440 | \$4,012,113 |

Canal Group 5

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$11,367 | \$674,590 | \$811,416 | \$60,045 | \$100,678 | \$165,810 | \$82,905 | \$1,906,810 |
| 2024 | \$11,890 | \$705,621 | \$848,741 | \$62,807 | \$105,310 | \$173,437 | \$86,718 | \$1,994,524 |
| 2025 | \$12,389 | \$735,257 | \$884,388 | \$65,445 | \$109,733 | \$180,721 | \$90,361 | \$2,078,294 |
| 2026 | \$12,885 | \$764,667 | \$919,764 | \$68,063 | \$114,122 | \$187,950 | \$93,975 | \$2,161,425 |
| 2027 | \$13,400 | \$795,254 | \$956,554 | \$70,785 | \$118,687 | \$195,468 | \$97,734 | \$2,247,882 |
| 2028 | \$13,963 | \$828,655 | \$996,730 | \$73,758 | \$123,672 | \$203,678 | \$101,839 | \$2,342,293 |

Canal Group 6

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$16,764 | \$674,590 | \$1,196,700 | \$88,556 | \$217,197 | \$219,381 | \$109,690 | \$2,522,878 |
| 2024 | \$17,535 | \$705,621 | \$1,251,748 | \$92,629 | \$227,189 | \$229,472 | \$114,736 | \$2,638,931 |
| 2025 | \$18,272 | \$735,257 | \$1,304,321 | \$96,520 | \$236,730 | \$239,110 | \$119,555 | \$2,749,766 |
| 2026 | \$19,003 | \$764,667 | \$1,356,494 | \$100,381 | \$246,200 | \$248,674 | \$124,337 | \$2,859,756 |
| 2027 | \$19,763 | \$795,254 | \$1,410,754 | \$104,396 | \$256,048 | \$258,621 | \$129,311 | \$2,974,146 |
| 2028 | \$20,593 | \$828,655 | \$1,470,006 | \$108,780 | \$266,802 | \$269,484 | \$134,742 | \$3,099,061 |

Canal Group 7

| INFLATION ADJUSTED FUTURE PROBABLE COST | | | | | | | | |
|---|-------------------|----------------|---------------------------|--------------------------|--------------------------|------------------------------------|-----------------------------|----------------|
| Construction Fiscal Year | Insurance/Bonding | Mob/Demob (LS) | Dredging & Placement (CY) | Environmental Protection | Seagrass Transplanting & | Engineering Fees - Plans, Design & | Construction Administration | Total Estimate |
| 2023 | \$3,824 | \$674,590 | \$272,971 | \$20,200 | \$59,684 | \$103,127 | \$51,563 | \$1,185,959 |
| 2024 | \$4,000 | \$705,621 | \$285,528 | \$21,129 | \$62,430 | \$107,871 | \$53,935 | \$1,240,513 |
| 2025 | \$4,168 | \$735,257 | \$297,520 | \$22,016 | \$65,052 | \$112,401 | \$56,201 | \$1,292,615 |
| 2026 | \$4,335 | \$764,667 | \$309,420 | \$22,897 | \$67,654 | \$116,897 | \$58,449 | \$1,344,319 |
| 2027 | \$4,508 | \$795,254 | \$321,797 | \$23,813 | \$70,360 | \$121,573 | \$60,787 | \$1,398,092 |
| 2028 | \$4,697 | \$828,655 | \$335,313 | \$24,813 | \$73,315 | \$126,679 | \$63,340 | \$1,456,812 |

End of Agenda Item