

**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET L-1 OF 15

0 1,000 2,000 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

**LAYOUT MAPS**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**

GENERAL NOTES:

1. SINGLE BEAM HYDROGRAPHIC SURVEY PERFORMED BETWEEN MARCH 25 AND APRIL 17, 2024 BY COASTAL ENGINEERING CONSULTANTS, INC. ADDITIONAL DETAIL FOR COLLECTION METHODS PROVIDED IN THE SURVEY REPORT.
2. SOUNDING SHOWN DEMONSTRATE EXISTING CONDITIONS AT THE TIME OF SURVEY. THIS MAP IS NOT INTENDED TO BE USED FOR NAVIGATION.
3. SURVEY DATA IS REFERENCE TO MEAN LOW WATER (MLW) TIDAL DATUM WITH POSITIVE VALUES IN THE DOWNWARD DIRECTION.





**FIRST LINE COASTAL**

PROJECT 24-03  
 DRAWN BY JLP  
 DATE 7/16/2024  
 SHEET L-2 OF 15

0 1,000 2,000 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

**LAYOUT MAPS**

**MARCH 2024 HYDROGRAPHIC SURVEY**

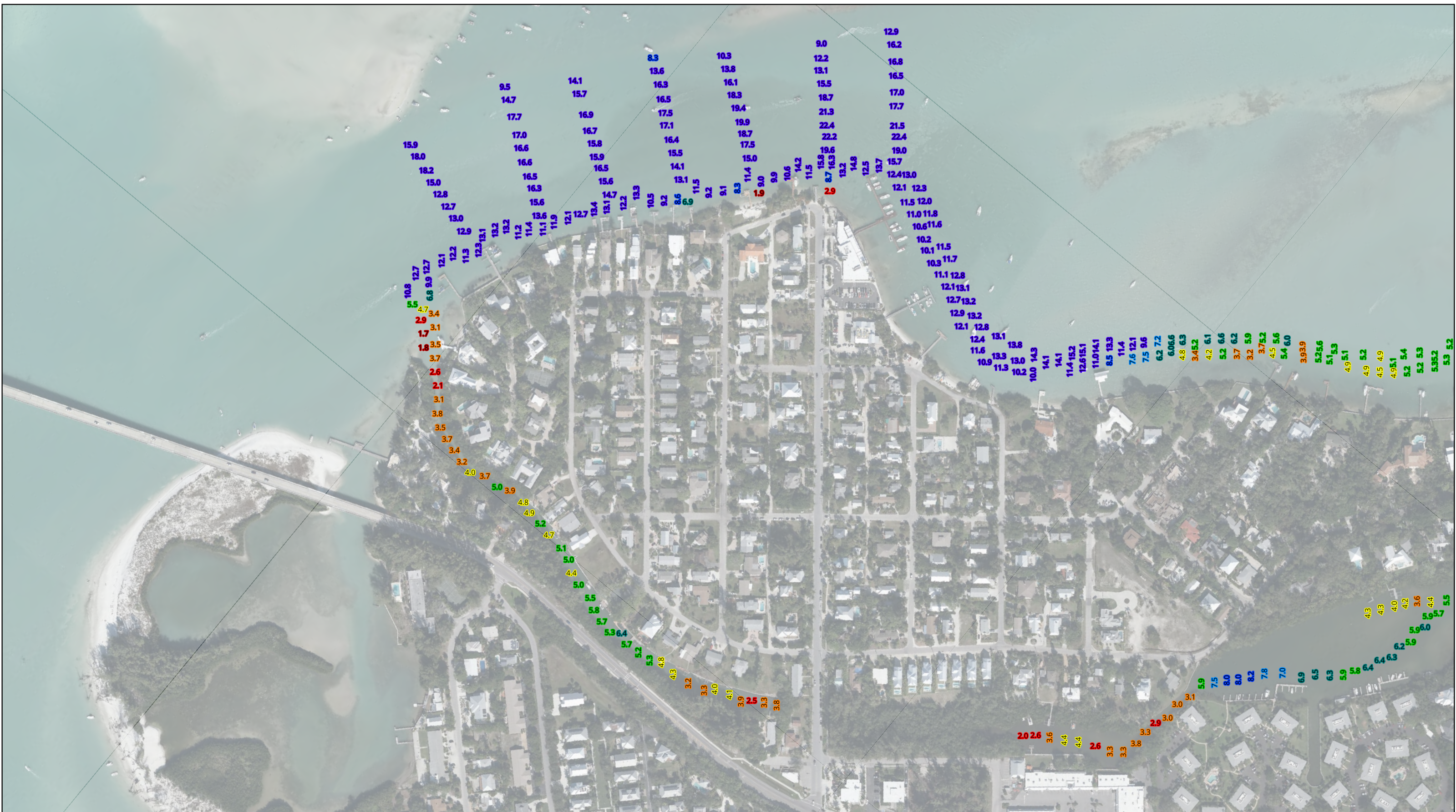
**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**

GENERAL NOTES:

1. SINGLE BEAM HYDROGRAPHIC SURVEY PERFORMED BETWEEN MARCH 25 AND APRIL 17, 2024 BY COASTAL ENGINEERING CONSULTANTS, INC. ADDITIONAL DETAIL FOR COLLECTION METHODS PROVIDED IN THE SURVEY REPORT.
2. SOUNDING SHOWN DEMONSTRATE EXISTING CONDITIONS AT THE TIME OF SURVEY. THIS MAP IS NOT INTENDED TO BE USED FOR NAVIGATION.
3. SURVEY DATA IS REFERENCE TO MEAN LOW WATER (MLW) TIDAL DATUM WITH POSITIVE VALUES IN THE DOWNWARD DIRECTION.





**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 01 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

- GREATER THAN 9.00 FT
- 8.00 - 8.99 FT
- 7.00 - 7.99 FT
- 6.00 - 6.99 FT
- 5.00 - 5.99 FT
- 4.00 - 4.99 FT
- 3.00 - 3.99 FT
- 2.00 - 2.99 FT
- LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**  
 PROJECT 24-03  
 DRAWN BY JLP  
 DATE 7/16/2024  
 SHEET 02 OF 15

0 250 500 ft  
 STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

- GREATER THAN 9.00 FT
- 8.00 - 8.99 FT
- 7.00 - 7.99 FT
- 6.00 - 6.99 FT
- 5.00 - 5.99 FT
- 4.00 - 4.99 FT
- 3.00 - 3.99 FT
- 2.00 - 2.99 FT
- LESS THAN 2.00 FT

**SURVEY DATA**  
 MARCH 2024 HYDROGRAPHIC SURVEY  
 CANAL MAINTENANCE DREDGING PROGRAM  
 TOWN OF LONGBOAT KEY, FL







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 03 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

LESS THAN 2.00 FT

**SURVEY DATA**

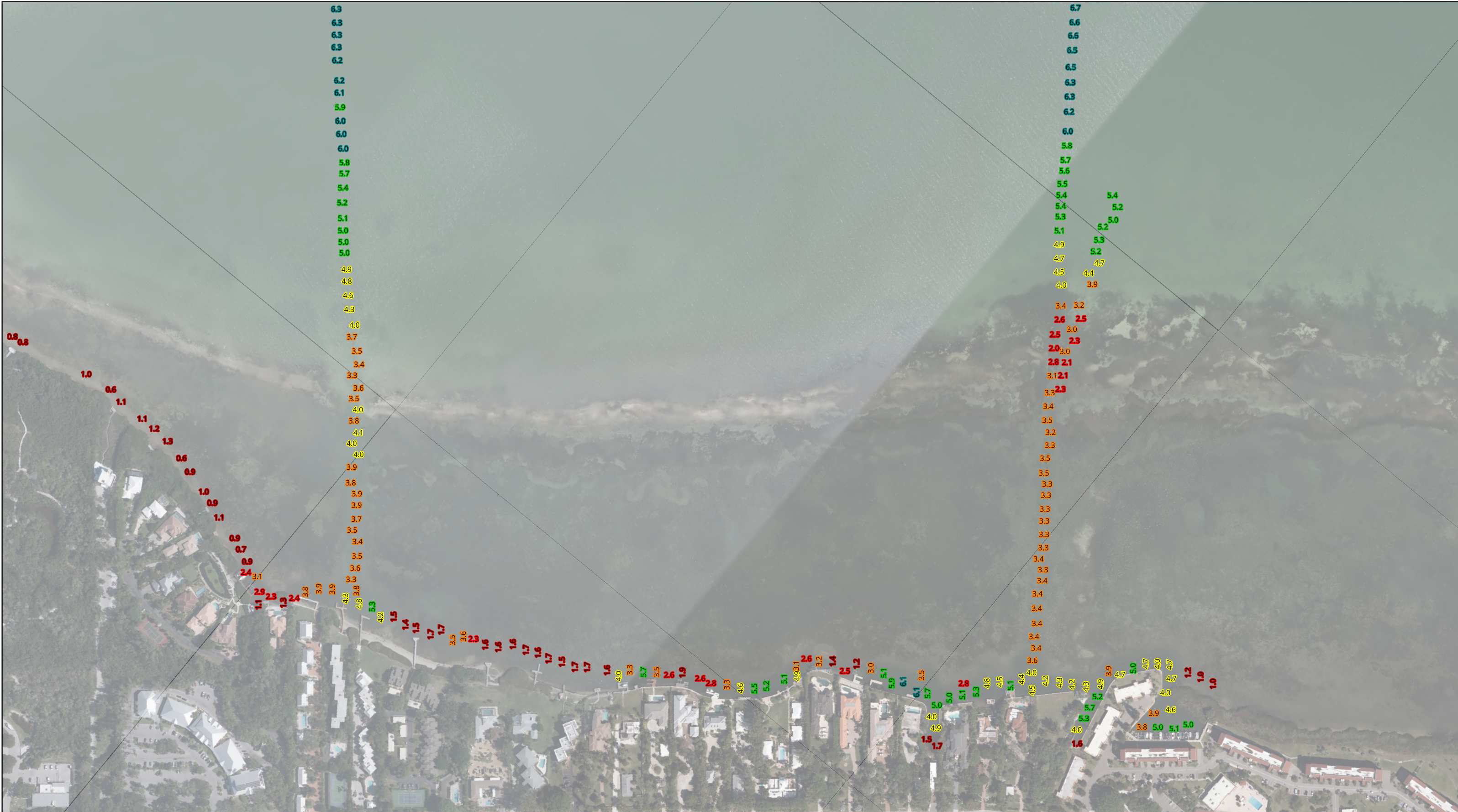
**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 04 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**





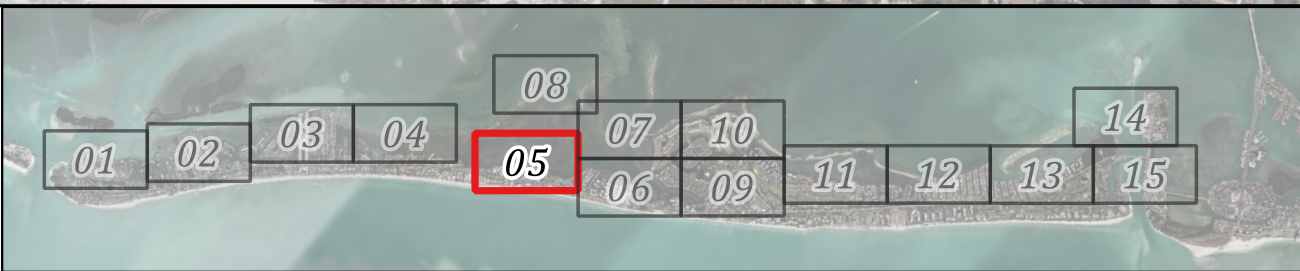


**FIRST LINE COASTAL**  
 PROJECT 24-03  
 DRAWN BY JLP  
 DATE 7/16/2024  
 SHEET 05 OF 15

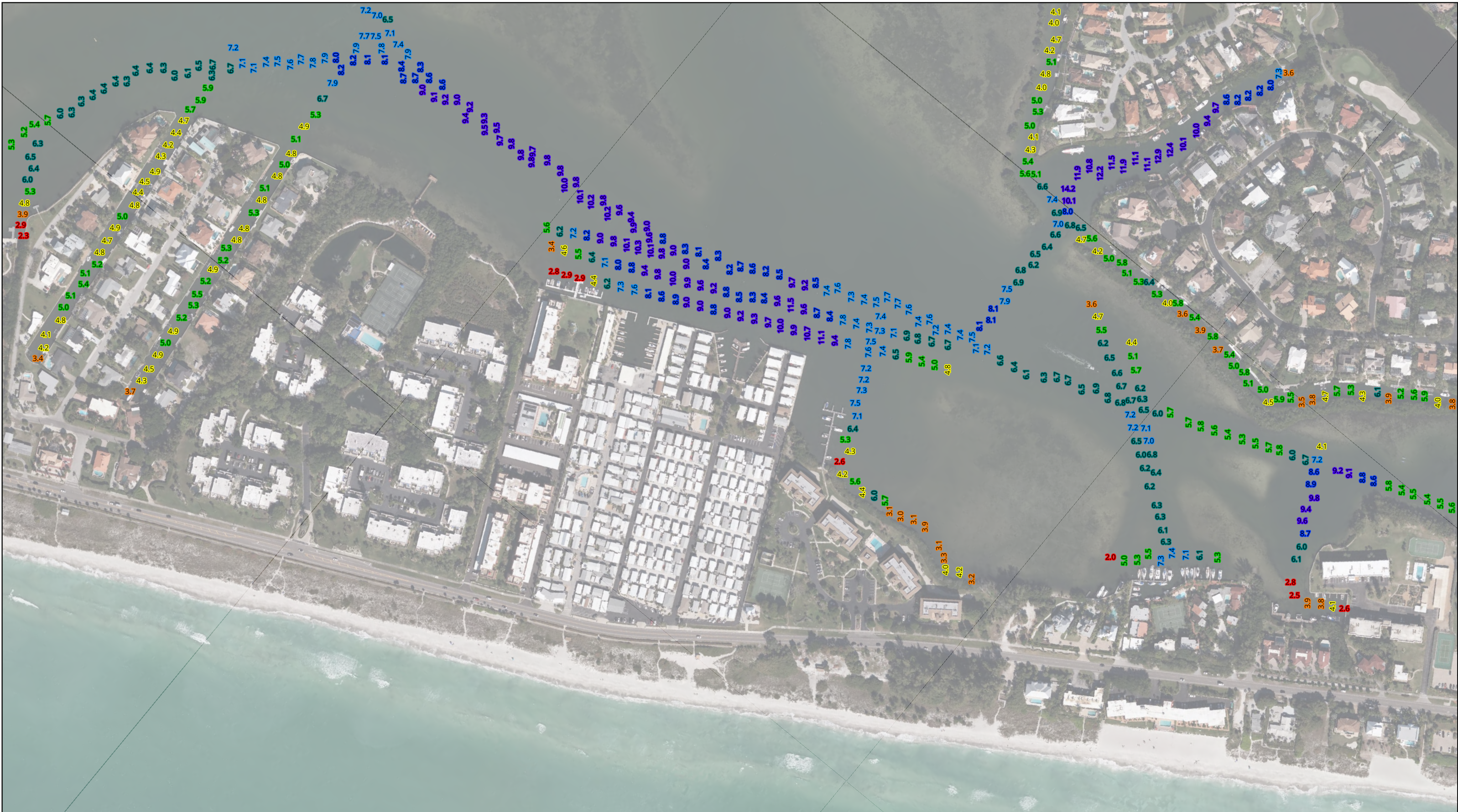
0 250 500 ft  
 STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT  
 8.00 - 8.99 FT  
 7.00 - 7.99 FT  
 6.00 - 6.99 FT  
 5.00 - 5.99 FT  
 4.00 - 4.99 FT  
 3.00 - 3.99 FT  
 2.00 - 2.99 FT  
 LESS THAN 2.00 FT

**SURVEY DATA**  
**MARCH 2024 HYDROGRAPHIC SURVEY**  
**CANAL MAINTENANCE DREDGING PROGRAM**  
**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 06 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

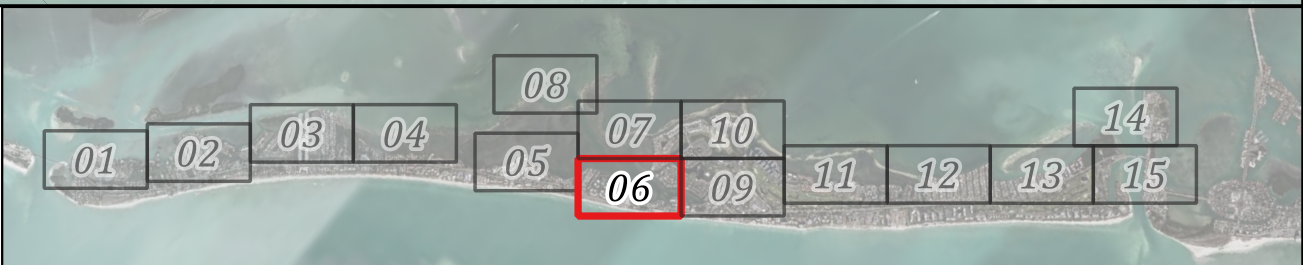
LESS THAN 2.00 FT

**SURVEY DATA**

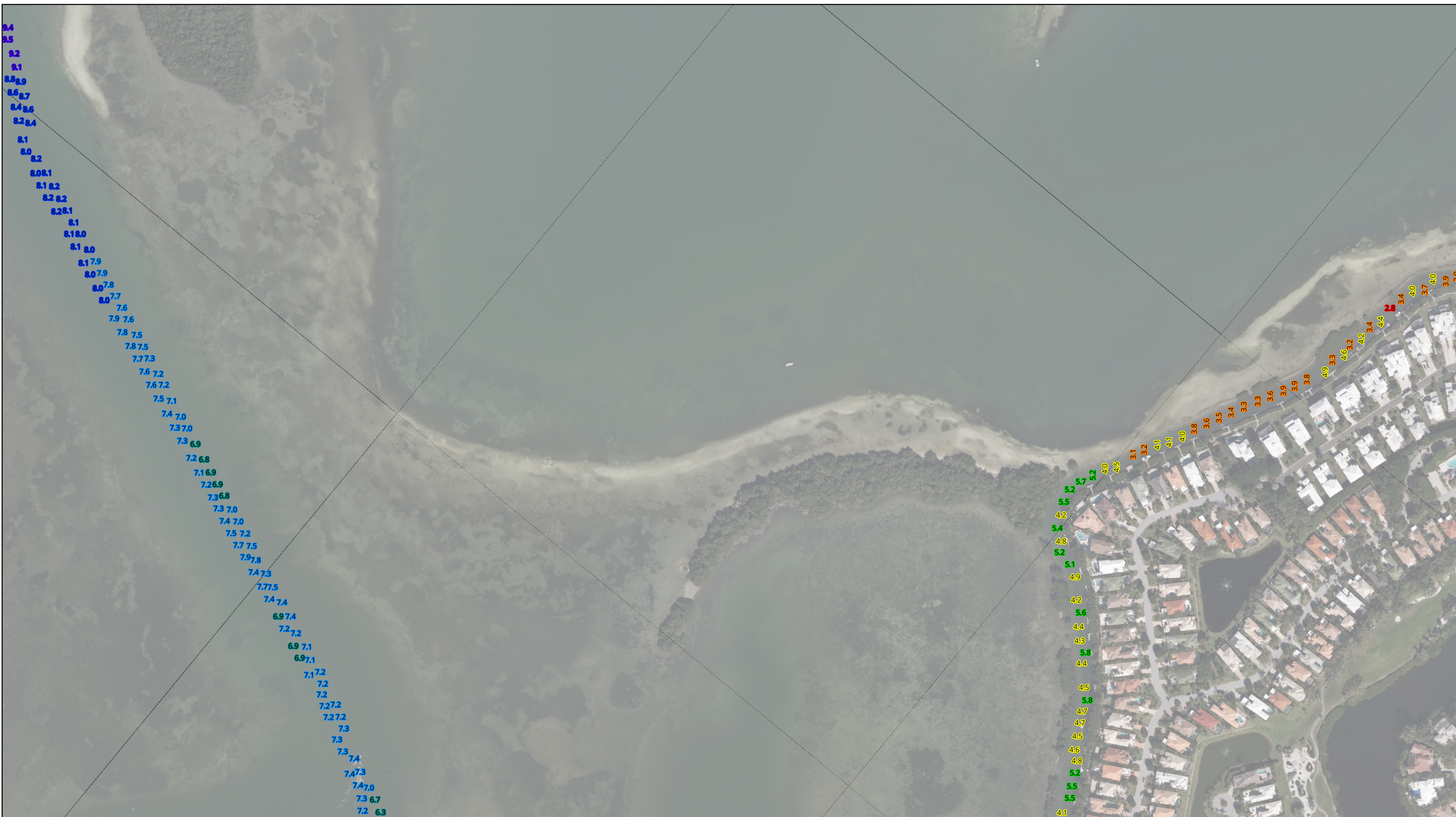
**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 07 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

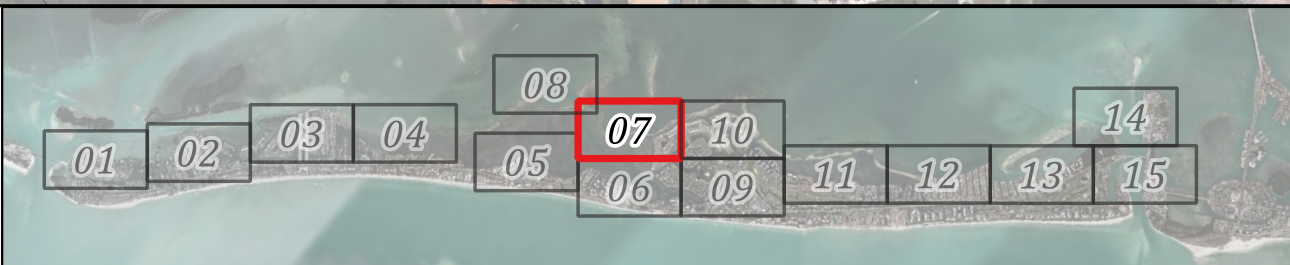
LESS THAN 2.00 FT

**SURVEY DATA**

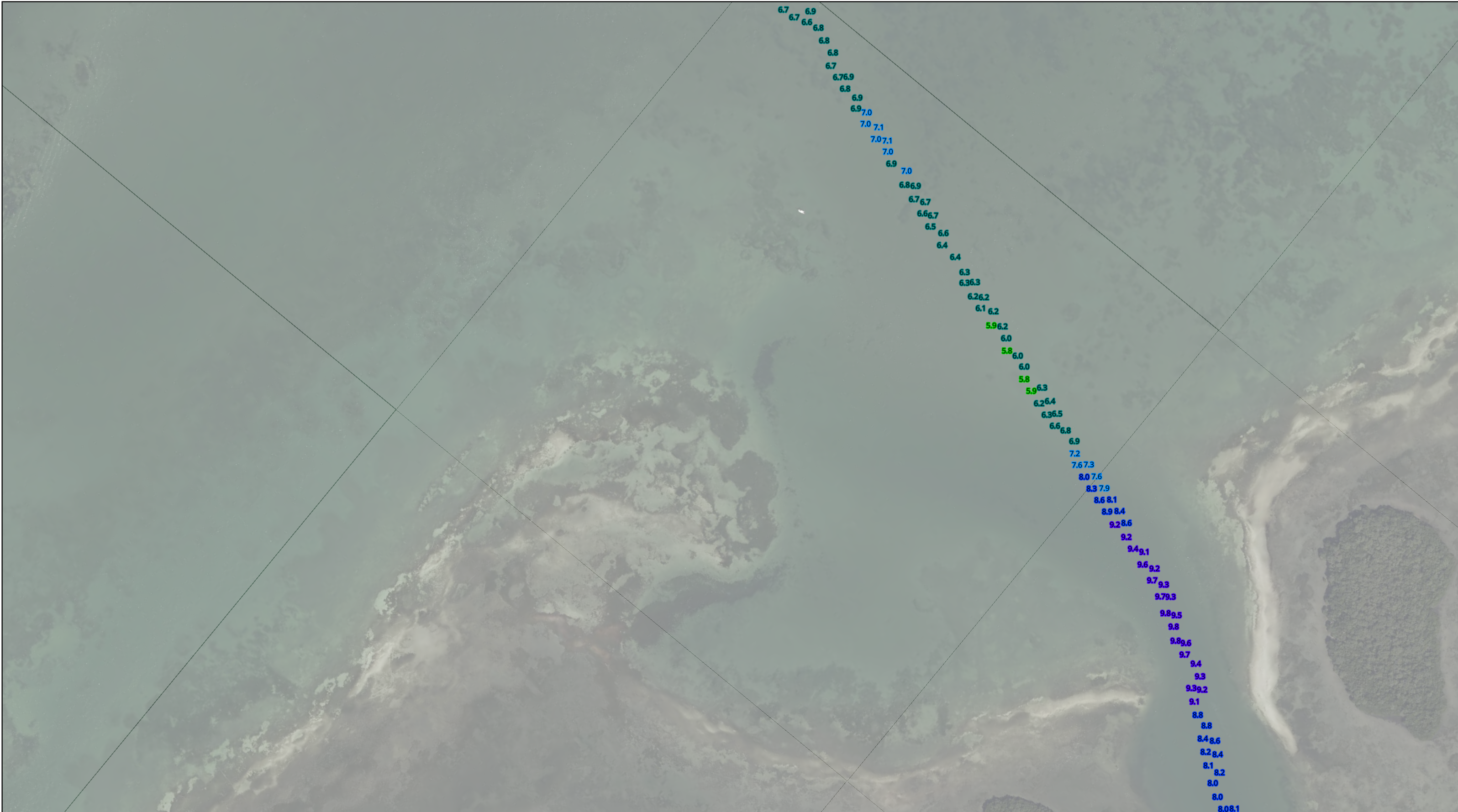
**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 08 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

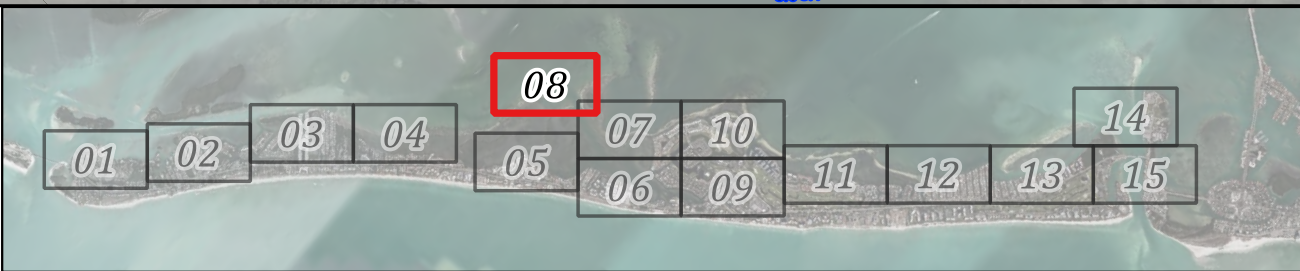
- GREATER THAN 9.00 FT
- 8.00 - 8.99 FT
- 7.00 - 7.99 FT
- 6.00 - 6.99 FT
- 5.00 - 5.99 FT
- 4.00 - 4.99 FT
- 3.00 - 3.99 FT
- 2.00 - 2.99 FT
- LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 09 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

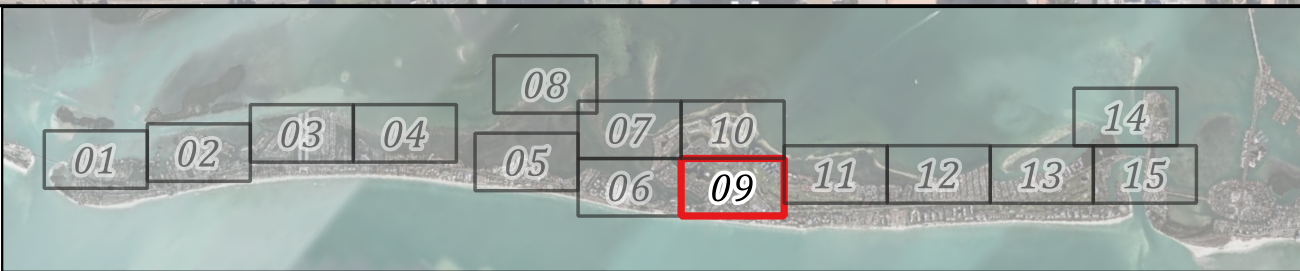
- GREATER THAN 9.00 FT
- 8.00 - 8.99 FT
- 7.00 - 7.99 FT
- 6.00 - 6.99 FT
- 5.00 - 5.99 FT
- 4.00 - 4.99 FT
- 3.00 - 3.99 FT
- 2.00 - 2.99 FT
- LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 10 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

**GREATER THAN 9.00 FT**

**8.00 - 8.99 FT**

**7.00 - 7.99 FT**

**6.00 - 6.99 FT**

**5.00 - 5.99 FT**

**4.00 - 4.99 FT**

**3.00 - 3.99 FT**

**2.00 - 2.99 FT**

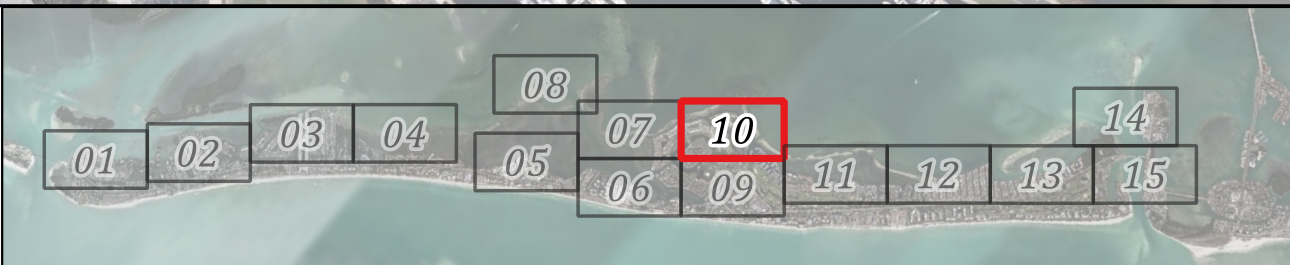
**LESS THAN 2.00 FT**

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 11 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 12 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

LESS THAN 2.00 FT

**SURVEY DATA**

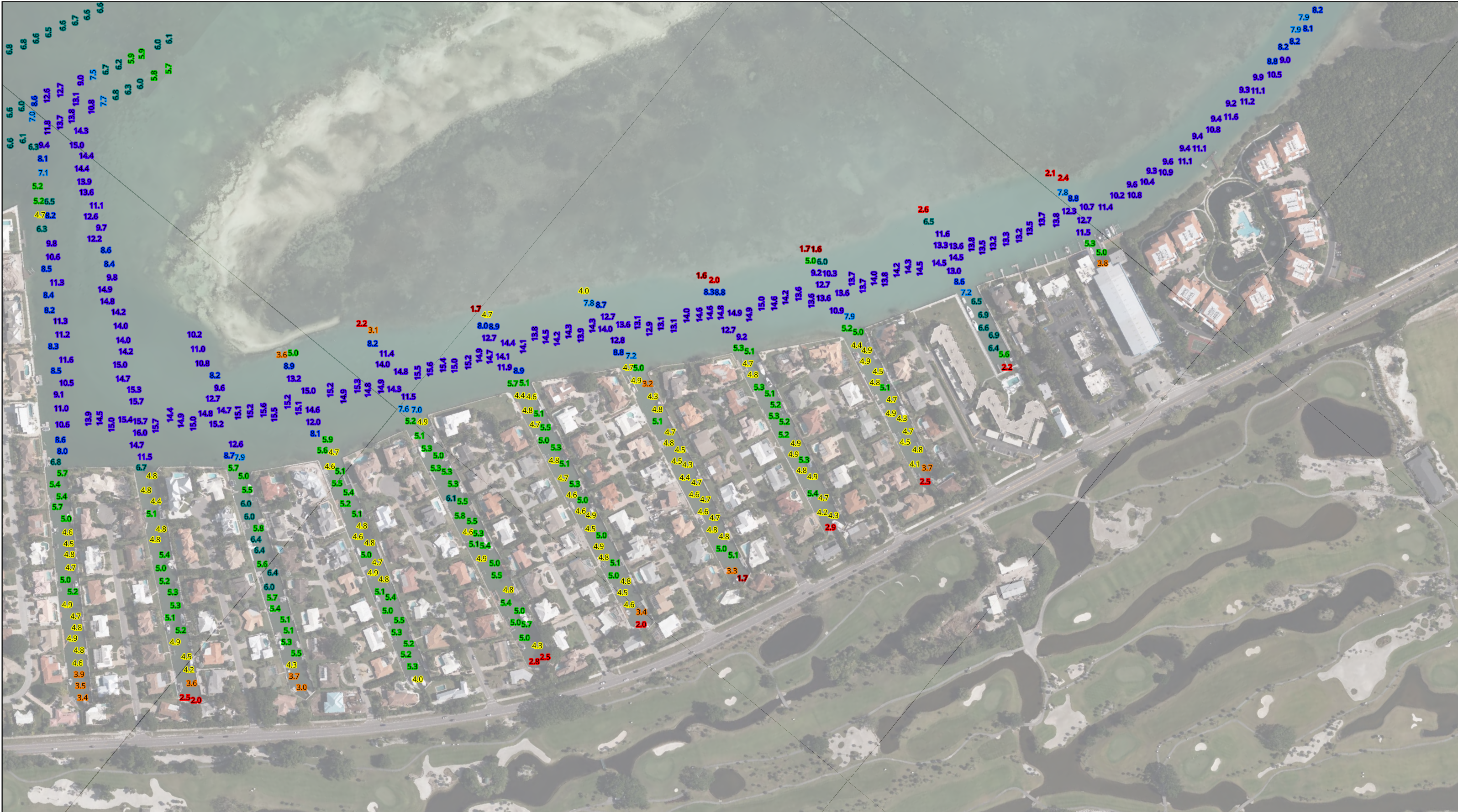
**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 13 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

GREATER THAN 9.00 FT

8.00 - 8.99 FT

7.00 - 7.99 FT

6.00 - 6.99 FT

5.00 - 5.99 FT

4.00 - 4.99 FT

3.00 - 3.99 FT

2.00 - 2.99 FT

LESS THAN 2.00 FT

**SURVEY DATA**

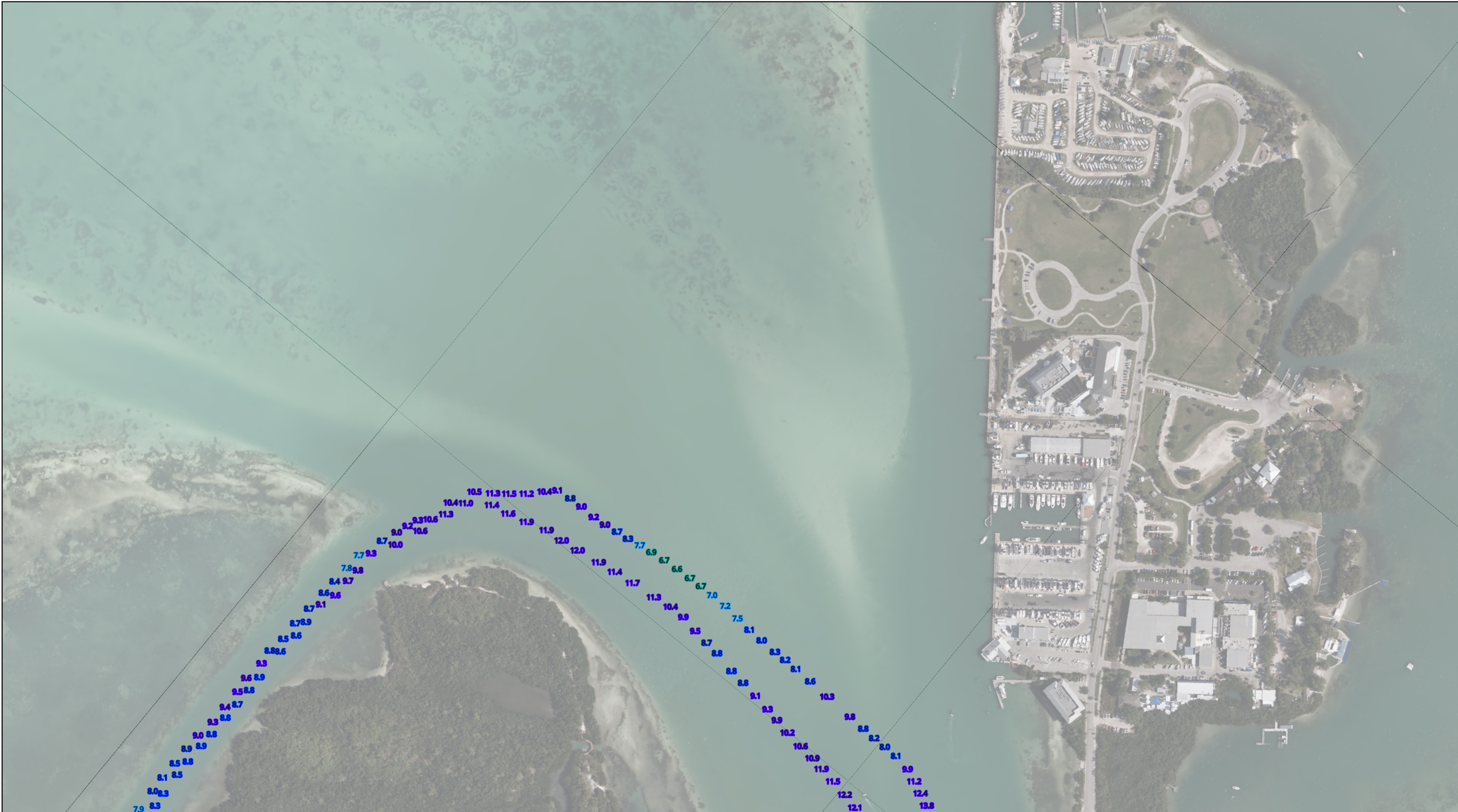
**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







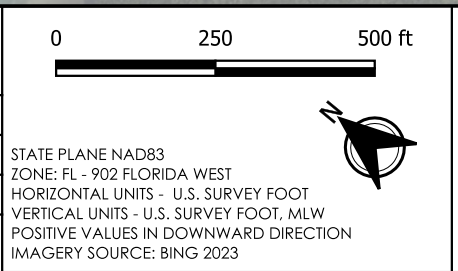
**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 14 OF 15



- █ GREATER THAN 9.00 FT
- █ 8.00 - 8.99 FT
- █ 7.00 - 7.99 FT
- █ 6.00 - 6.99 FT
- █ 5.00 - 5.99 FT
- █ 4.00 - 4.99 FT
- █ 3.00 - 3.99 FT
- █ 2.00 - 2.99 FT
- █ LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**







**FIRST LINE COASTAL**

PROJECT 24-03

DRAWN BY JLP

DATE 7/16/2024

SHEET 15 OF 15

0 250 500 ft

STATE PLANE NAD83  
 ZONE: FL - 902 FLORIDA WEST  
 HORIZONTAL UNITS - U.S. SURVEY FOOT  
 VERTICAL UNITS - U.S. SURVEY FOOT, MLW  
 POSITIVE VALUES IN DOWNWARD DIRECTION  
 IMAGERY SOURCE: BING 2023

- GREATER THAN 9.00 FT
- 8.00 - 8.99 FT
- 7.00 - 7.99 FT
- 6.00 - 6.99 FT
- 5.00 - 5.99 FT
- 4.00 - 4.99 FT
- 3.00 - 3.99 FT
- 2.00 - 2.99 FT
- LESS THAN 2.00 FT

**SURVEY DATA**

**MARCH 2024 HYDROGRAPHIC SURVEY**

**CANAL MAINTENANCE DREDGING PROGRAM**

**TOWN OF LONGBOAT KEY, FL**

