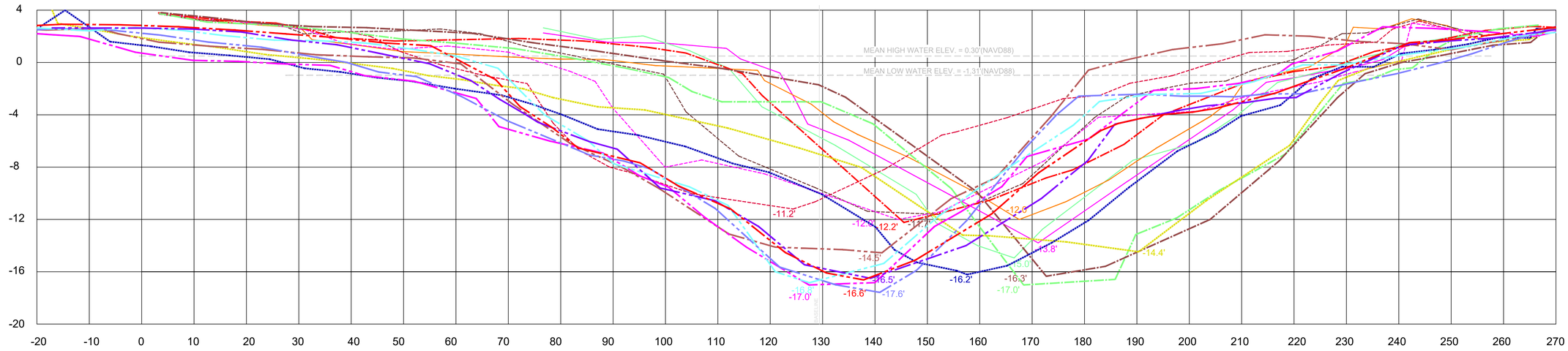


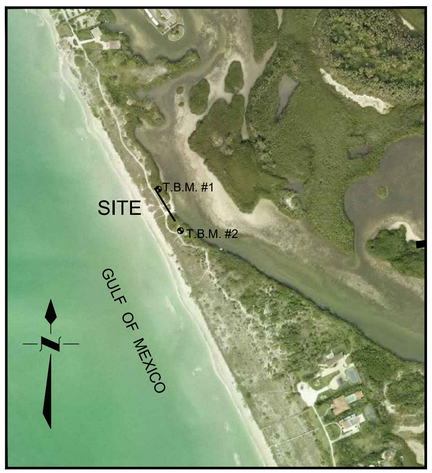

CROSS SECTION "A"
HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=4'

| | DATE OF SURVEY | LOW ELEV. | X-SEC. AREA |
|---|---|---|---|
| | OCT. 29, 2024 * | -13.8' | 844 |
| | NOV. 4, 2024 * | -15.0' | 955 |
| | NOV. 12, 2024 | -10.7' | 655 |
| | NOV. 18, 2024 | -13.0' | 1064 |
| | NOV. 25, 2024 | -13.7' | 686 |
| | DEC. 2, 2024 * | -12.0' | 716 |
| | DEC. 10, 2024 | -11.2' | 758 |
| | DEC. 16, 2024 | -12.0' | 817 |
| | DEC. 20, 2024 | -13.6' | 902 |
| | JAN. 6, 2025 * | -11.7' | 897 |
| | JAN. 13, 2025 | -11.8' | 722 |

| | DATE OF SURVEY | LOW ELEV. | X-SEC. AREA |
|---|---|---|---|
| | JAN. 21, 2025 | -9.1' | 629 |
| | JAN. 27, 2025 | -10.4' | 755 |
| | FEB. 4, 2025 * | -11.2' | 888 |
| | FEB. 10, 2025 | -11.3' | 1017 |
| | FEB. 18, 2025 | -12.6' | 1005 |
| | FEB. 25, 2025 | -13.0' | 965 |
| | MAR. 3, 2025 * | -12.0' | 1022 |
| | MAR. 11, 2025 | -12.2' | 950 |
| | MAR. 17, 2025 | -9.4' | 833 |
| | MAR. 24, 2025 | -10.7' | 873 |
| | MAR. 31, 2025 | -10.2' | 782 |

| | DATE OF SURVEY | LOW ELEV. | X-SEC. AREA |
|---|---|---|---|
| | APR. 7, 2025 * | -12.2' | 748 |
| | APR. 14, 2025 | -10.7' | 873 |
| | APR. 21, 2025 | -12.7' | 863 |
| | APR. 28, 2025 | -14.7' | 1007 |
| | MAY 5, 2025 * | -17.0' | 1175 |
| | MAY 14, 2025 | -14.4' | 1033 |
| | MAY 19, 2025 | -15.3' | 1030 |
| | MAY 30, 2025 | -17.4' | 1199 |
| | JUNE 4, 2025 * | -16.3' | 1066 |
| | JUNE 9, 2025 | -16.8' | 1084 |
| | JUNE 17, 2025 | -17.7' | 1222 |

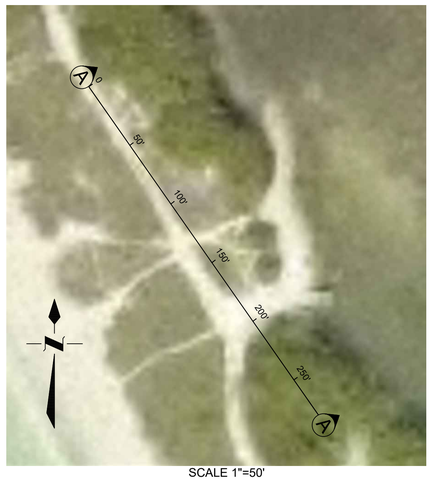
| | DATE OF SURVEY | LOW ELEV. | X-SEC. AREA |
|---|---|---|---|
| | JUNE 23, 2025 | -10.9' | 1326 |
| | JUNE 30, 2025 | -15.8' | 1468 |
| | JULY 8, 2025 * | -14.4' | 1407 |
| | JULY 15, 2025 | -14.0' | 1486 |
| | JULY 21, 2025 | -14.2' | 1477 |
| | JULY 28, 2025 | -15.8' | 1543 |
| | AUG. 8, 2025 * | -16.2' | 1487 |
| | AUG. 11, 2025 | -15.3' | 1470 |
| | AUG. 18, 2025 | -14.4' | 1457 |
| | AUG. 25, 2025 | -17.0' | 1293 |
| | SEPT. 2, 2025 * | -14.5' | 1134 |




LOCATION MAP
NOT TO SCALE

T.B.M. #1
4"x4" CM SET
N=1045287.285
E=489886.601
ELEV. 4.15'
NAVD88

T.B.M. #2
4"x4" CM SET
N=1044995.877
E=490079.844
ELEV. 4.27'
NAVD88




SCALE 1"=50'

| | DATE OF SURVEY | LOW ELEV. | X-SEC. AREA |
|---|---|---|---|
| | SEPT. 9, 2025 | -15.3' | 1352 |
| | SEPT. 16, 2025 | -16.8' | 1322 |
| | SEPT. 22, 2025 | -17.4' | 1351 |
| | OCT. 1, 2025 * | -17.0' | 1440 |
| | OCT. 9, 2025 | -16.5' | 1587 |
| | OCT. 15, 2025 | -17.6' | 1447 |
| | OCT. 21, 2025 | -17.0' | 1468 |
| | OCT. 31, 2025 | -17.5' | 1392 |
| | NOV. 6, 2025 * | -16.8' | 1263 |
| | NOV. 10, 2025 * | -16.5' | 1559 |
| | NOV. 20, 2025 * | -16.6' | 1405 |

## SURVEYOR'S NOTES

1. ELEVATIONS SHOWN ON THE SURVEY ARE NORTH AMERICAN VERTICAL DATUM 88 (NAVD88) AND WERE DERIVED USING THE FLORIDA PERMANENT REFERENCE NETWORK (FPRN) STATIONS "FLSS," "FLSC," AND "FLSN." THE ACCURACY OBTAINED IS BASED ON REDUNDANT RTK (REAL TIME KINEMATIC) GPS MEASUREMENT. THE MEAN POSITIONAL ERROR OF THE REDUNDANT OBSERVATION SETS FOR EACH STATION CONTROL WAS FOUND TO BE +/- 0.2 FEET.

2. MEAN HIGH WATER AND MEAN LOW WATER ELEVATIONS ARE PROVIDED ON THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG).

TIDE INTERPOLATION POINT 100156 WAS USED FOR THE PROJECT SITE.

MEAN HIGH WATER ELEVATION IS 0.30 FEET, NAVD88.
MEAN LOW WATER ELEVATION IS -1.31 FEET, NAVD88.

3. THE COORDINATES ARE GRID, FLORIDA STATE PLANE COORDINATE SYSTEM, FL WEST ZONE, NAD83 2011 ADJUSTMENT. CONTROL FOR THE SURVEY IS BASED ON SARASOTA COUNTY CORS STATION, FLSN, FLSC, FLSS AND PROPAGATED TO THE LOCAL AREA USING REAL TIME KINETIC GPS TECHNIQUE.

4. CROSS SECTION AREA CALCULATED TO THE MEAN HIGH WATER ELEVATION.

DATA ACQUISITION:
FIELD WORK COMPLETED ON 10-29-24, RESURVEYS: 11-4-24, 11-12-24, 11-18-24, 11-25-24, 12-2-24, 12-10-24,12-16-24, 12-20-24, 1-6-25, 1-13-25, 1-21-25, 1-27-25, 2-4-25, 2-10-25, 2-18-25, 2-25-25, 3-3-25, 3-11-25, 3-17-25, 3-24-25, 3-31-25, 4-7-25, 4-14-25, 4-21-25, 4-28-25, 5-5-25, 5-14-25, 5-19-25, 5-30-25, 6-4-25, 6-9-25, 6-17-25, 6-23-25, 6-30-25, 7-8-25, 7-15-25, 7-21-25, 7-28-25, 8-6-25, 8-11-25, 8-18-25, 8-25-25, 9-2-25, 9-9-25, 9-16-25, 9-22-25, 10-1-25, 10-9-25, 10-15-25, 10-21-25, 10-31-25, 11-6-25, 11-10-25, 11-20-25

DRAWING COMPLETED ON 10-30-24, ADDED X-SEC. 11-4-24, ADDED X-SEC. 11-14-24, 11-19-24, 11-26-24, 12-2-24, TBM ADDED 12-5-24, ADDED X-SEC. 12-10-24, 12-16-24, ADDED AREA & X-SEC 12-20-24, 1-6-25, 1-13-25, 1-21-25, 1-27-25, 2-4-25, 2-10-25, 2-18-25, 2-25-25, 3-3-25, 3-11-25, 3-17-25, 3-26-25, 3-31-25, 4-7-25, 4-14-25, 4-21-25, 4-28-25, 5-5-25, 5-14-25, 5-19-25, 5-30-25, 6-4-25, 6-9-25, 6-17-25, 6-23-25, 6-30-25, 7-8-25, 7-15-25, 7-21-25, 7-28-25, 8-6-25, 8-11-25, 8-18-25, 8-25-25, 9-2-25, 9-9-25, 9-16-25, 9-22-25, 10-1-25, 10-9-25, 10-15-25, 10-21-25, 10-31-25, 11-6-25, 11-10-25, 11-20-25

ABBREVIATION LEGEND

N&D = NAIL AND DISK
CONC. = CONCRETE
MON. = MONUMENT
FND. = FOUND
NO. = NUMBER
T.B.M. = TEMPORARY BENCH MARK
TEMP. = TEMPORARY
ELEV. = ELEVATION
CM = CONCRETE MONUMENT
SEC. = SECTION
TWP. = TOWNSHIP
RNG. = RANGE
N = NORTHING
E = EASTING
SQ. FT. = SQUARE FEET

SYMBOL LEGEND

⊙ – NAIL AND DISK SET PSM 5928
● – NAIL & DISK FOUND PSM 5928
⊛ – TEMP. BENCH MARK 4"x4" CONCRETE MONUMENT STAMPED SARCO BENCH MARK

MAP OF SURVEY

MIDNIGHT PASS
(REOPENING)

Sarasota County

SARASOTA COUNTY
TRANSPORTATION, SURVEY-MAPPING
1001 SARASOTA CENTER BLVD. SARASOTA, FLORIDA 34240
941/861-6709 * 941/861-6053 * FAX 941/861-6431

I HEREBY CERTIFY THAT THIS MAP OF SURVEY REPRESENTS A TOPOGRAPHIC SURVEY OF THE LANDS AS SHOWN AND DESCRIBED HEREON, THAT THE SURVEY WAS RECENTLY PERFORMED UNDER MY DIRECTION, THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THE SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

DRAFT

TERI S. OWEN, Professional Surveyor and Mapper No. 5928

| | | |
|---|---|---|
| PROJ. NO.: 24057 | | SHEET NO. 1 OF 1 |
| SEC: 4 TWP: 38 S. RNG: 18 E. | | |
| FIELD BOOK PG. | DRAWN BY: J.M./T.O. | |
| ...SURVEY\Midnight Pass Cross Sections 2024 | CHECKED BY: | |