

Wulfert Channel & Dinkins Bayou Dredging Project

Sanibel City Council

June 12, 2025



Project Timeline

- April 2, 2024 - Public Comment about issues at Wulfert Channel.
- Initial discussions with Lee County about dredging plans and survey information.
- USACE Nationwide Permit pre-application meeting.
- October 9-10, 2024 - Hurricane Milton - Window opens for emergency permitting for dredging.
- Property owners express concerns about dredging needs in Dinkins Bayou and Sunset Bay.

Project Timeline

- Survey of Dinkins Bayou and Sunset Bay.
- March 5, 2025 - City receives emergency maintenance dredging permit from USACE. Permit expires September 1, 2025.
- April 11, 2025, City submits emergency maintenance dredge application for Dinkins Bayou and Sunset Bay. No permit received.
- May 6, 2025 - Discussion with City Council.
- June 3, 2025 - Tabled Initial Resolution to declare intent to create a special assessment district for maintenance dredging and directed staff to complete amendments to Resolution and place on the June 12, 2025 meeting agenda for consideration.

Project Timeline

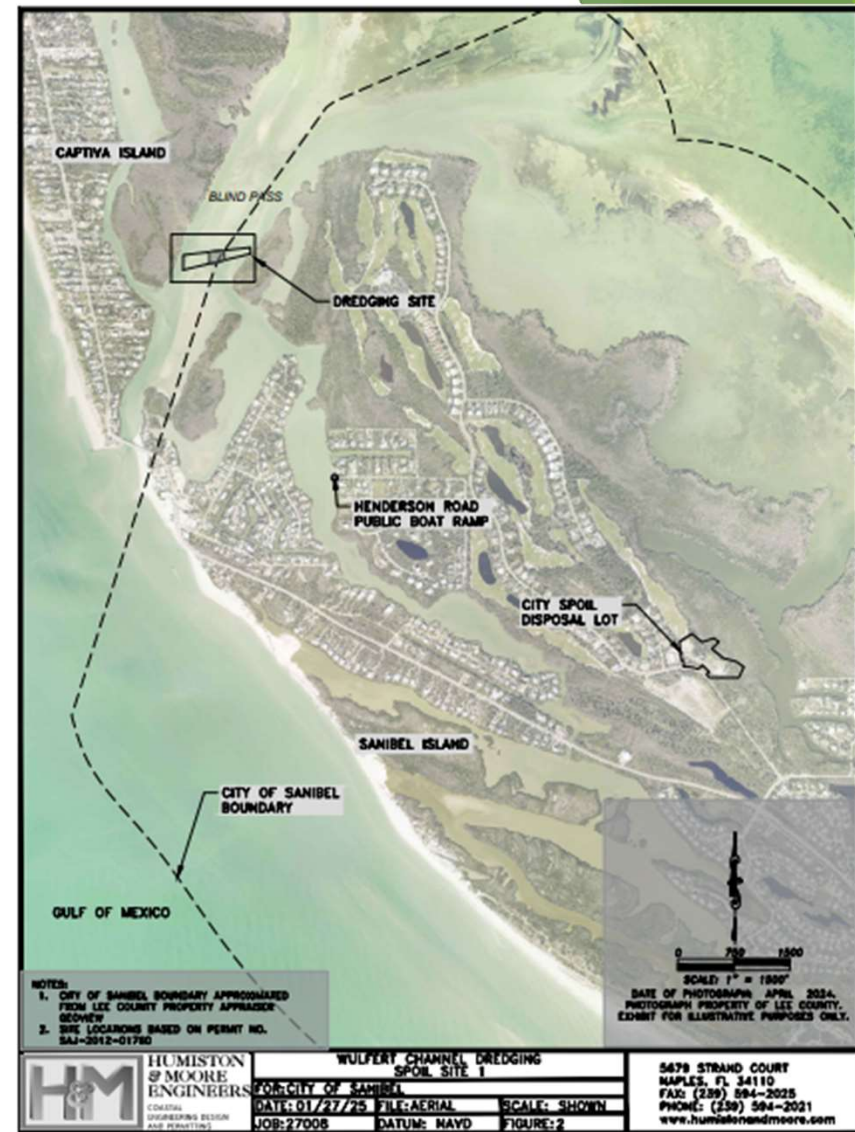
- June 12, 2025 - Consider Initial Resolution to declare intent to create a special assessment district for maintenance dredging. Two options are provided:
 - Declare intent to create the Wulfert Channel and Dinkins Bayou Area Dredging Assessment District. This area includes Wulfert Channel, Dinkins Bayou, and Sunset Bay, as discussed with the City Council on June 3, 2025. One time assessment.
 - Declare intent to create the Wulfert Channel Area Dredging Assessment District. This area includes Wulfert Channel only. One time assessment.

Section 5. Single assessment to be authorized. This Assessment District shall be established as a one time, single capital improvement and service assessment district which shall provide a funding source for the dredging of the Wulfert Channel and Dinkins Bayou Area. It is specifically determined and found by the City Council that this one time capital improvement and service assessment district is necessary, appropriate, and the best method by which to address the need for the as-needed survey, dredging, and disposal of dredge material for the Wulfert Channel and Dinkins Bayou Area, with the single assessment of the costs described herein to be made in 2025 against the properties benefited thereby.

Section 5. Single assessment to be authorized. This Assessment District shall be established as a one time, single capital improvement and service assessment district which shall provide a funding source for the dredging of the Wulfert Channel Area. It is specifically determined and found by the City Council that this one time capital improvement and service assessment district is necessary, appropriate, and the best method by which to address the need for the survey, dredging, and disposal of dredge material for the Wulfert Channel Area, with the single assessment of the costs described herein to be made in 2025 against the properties benefited thereby.

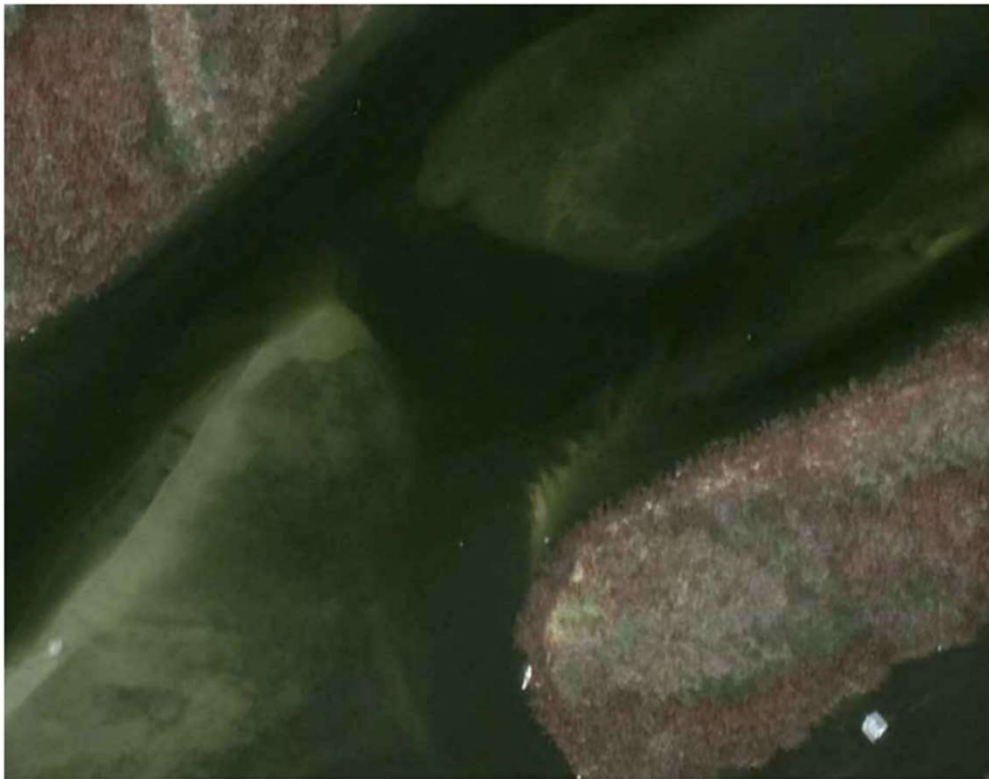
Wulfert Channel

- ▶ USACE Emergency Permit Issued March 5, 2025
- ▶ Objective: Restore safe navigation to pre-storm condition
- ▶ Work must be completed by September 1, 2025
 - ▶ 6/3/2025 USACE provided clarification that work must be started (contract award + mobilization or staging) prior to the deadline and then must be completed within 1-year



Wulfert Channel

Post Ian



GOOGLE EARTH, 10/02/2022

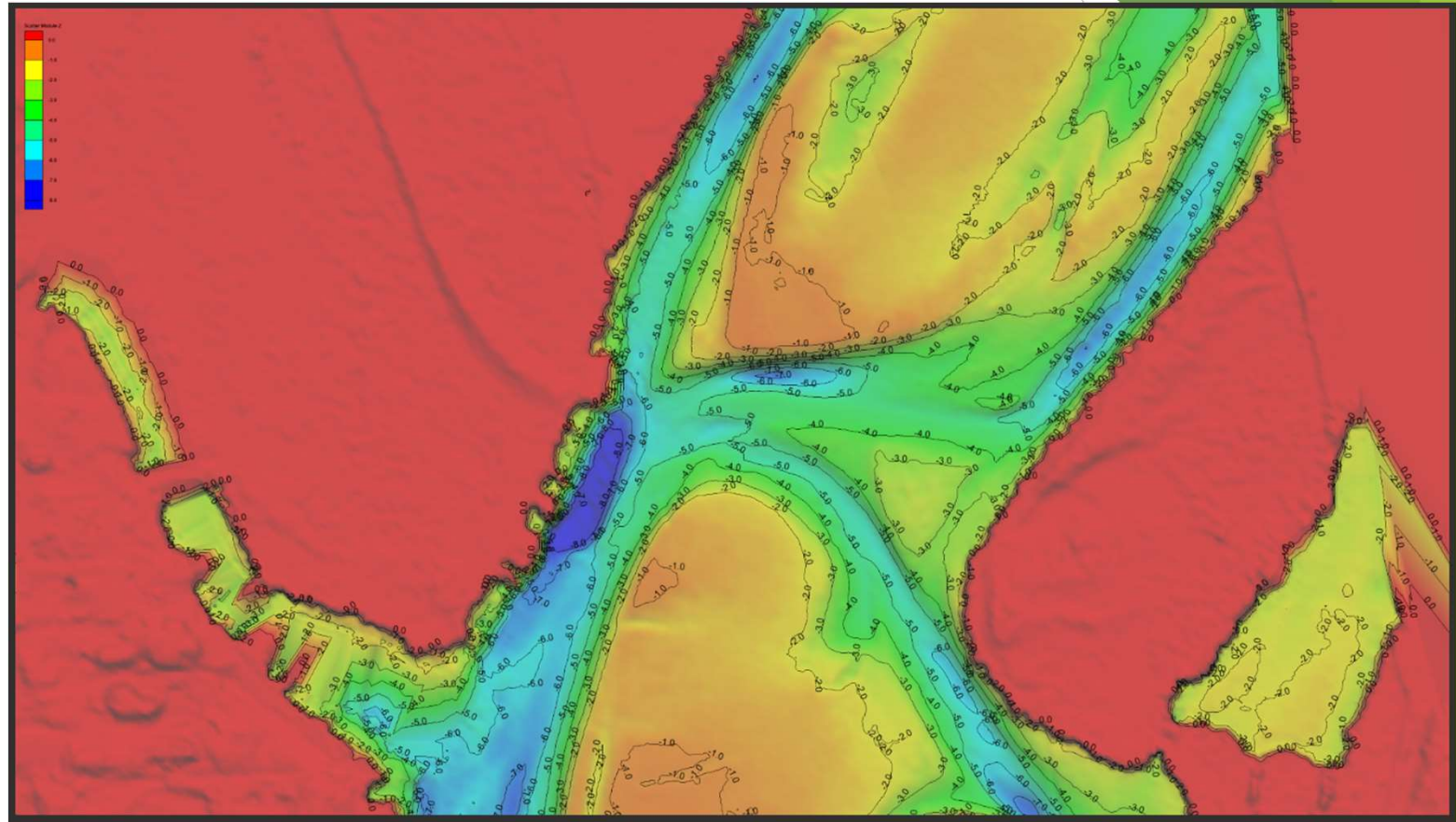
Post Milton



NOAA, 10/12/2024

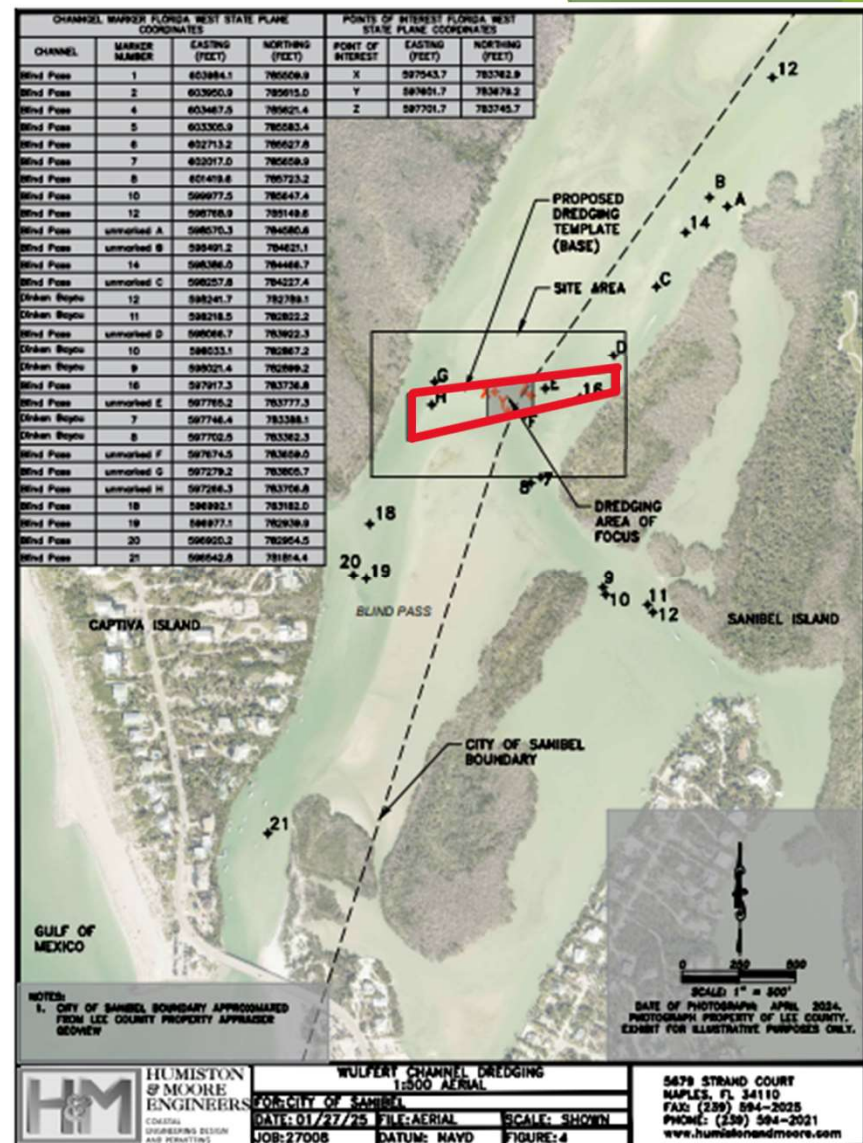
Wulfert Channel-Survey Data

- ▶ Blind Pass Inlet Surveys
 - ▶ July 2022, Lee County (Pre-lan)
 - ▶ October 2023, Lee County (Post-lan)
 - ▶ February 2025, City of Sanibel, Hans Wilson & Associates (Post-Milton)
- ▶ 2022 USACE Post-lan LIDAR



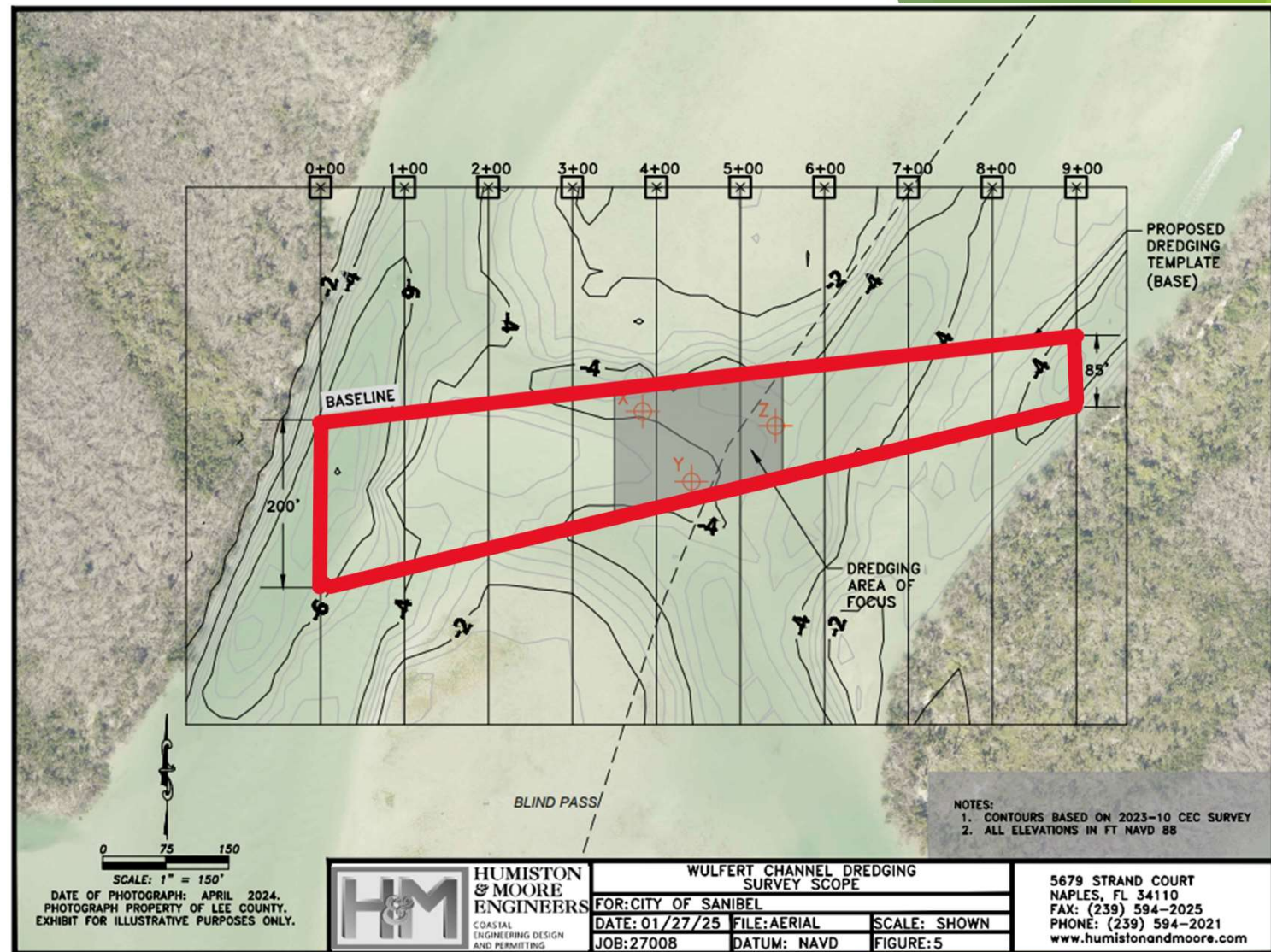
Wulfert Channel

- ▶ Proposed assessment is based on dredging the area within the polygon labeled “proposed dredging template” shown in **RED**
- ▶ This includes, but is not limited to, the smaller gray-shaded area labeled “dredging area of focus”
 - ▶ Coordinates X, Y, Z were provided to the City to designate the area of greatest concern



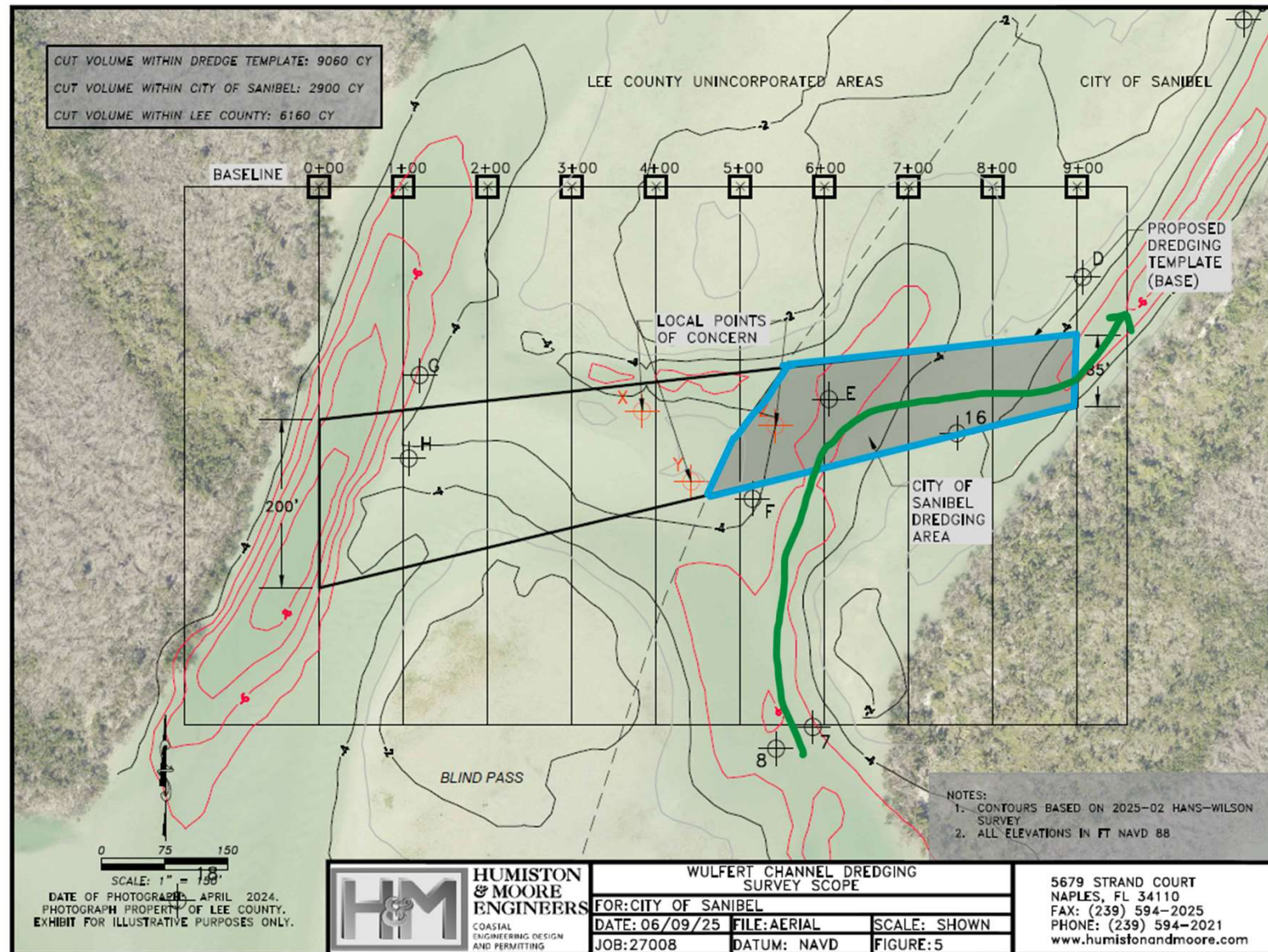
Wulfert Channel

- ▶ Proposed assessment is based on dredging the area within the polygon labeled “proposed dredging template” shown in **RED**
- ▶ Dredge depth:
 - ▶ -6.0' NAVD
- ▶ Dredge volume:
 - ▶ 9,250 cubic yards



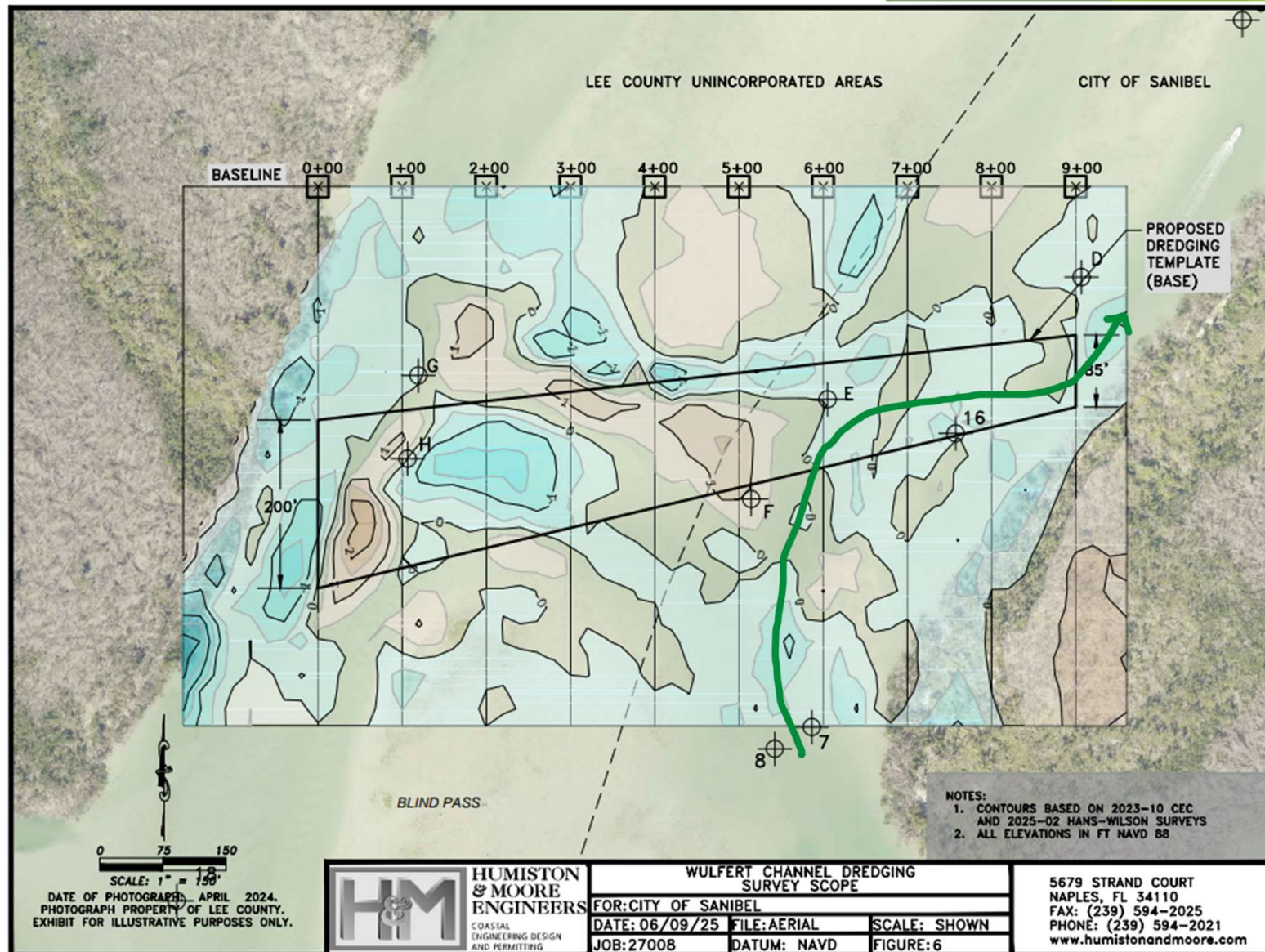
Wulfert Channel

- ▶ Reduced template to include only the area within the City's municipal boundary shown in blue
- ▶ Would improve navigation from Dinkins Bayou to Pine Island Sound
- ▶ Dredge depth:
 - ▶ -6.0' NAVD
- ▶ Dredge volume:
 - ▶ 2,900 cubic yards



Wulfert Channel

- Elevation change from October 2023 (Post-Ian) to February 2025 (Post-Milton)
- Areas of accretion (more shallow) are shaded in peach
- Areas of scour (deepening) are shown in blue
- Areas of no change are shown in green



Wulfert Channel

- Spoil will be offloaded into water-tight dump trucks at the Henderson Road boat ramp
- Transported to Wulfert wastewater treatment plant for dewatering



EXHIBIT A

Wulfert Channel and
Dinkins Bayou
Proposed
Assessment Area

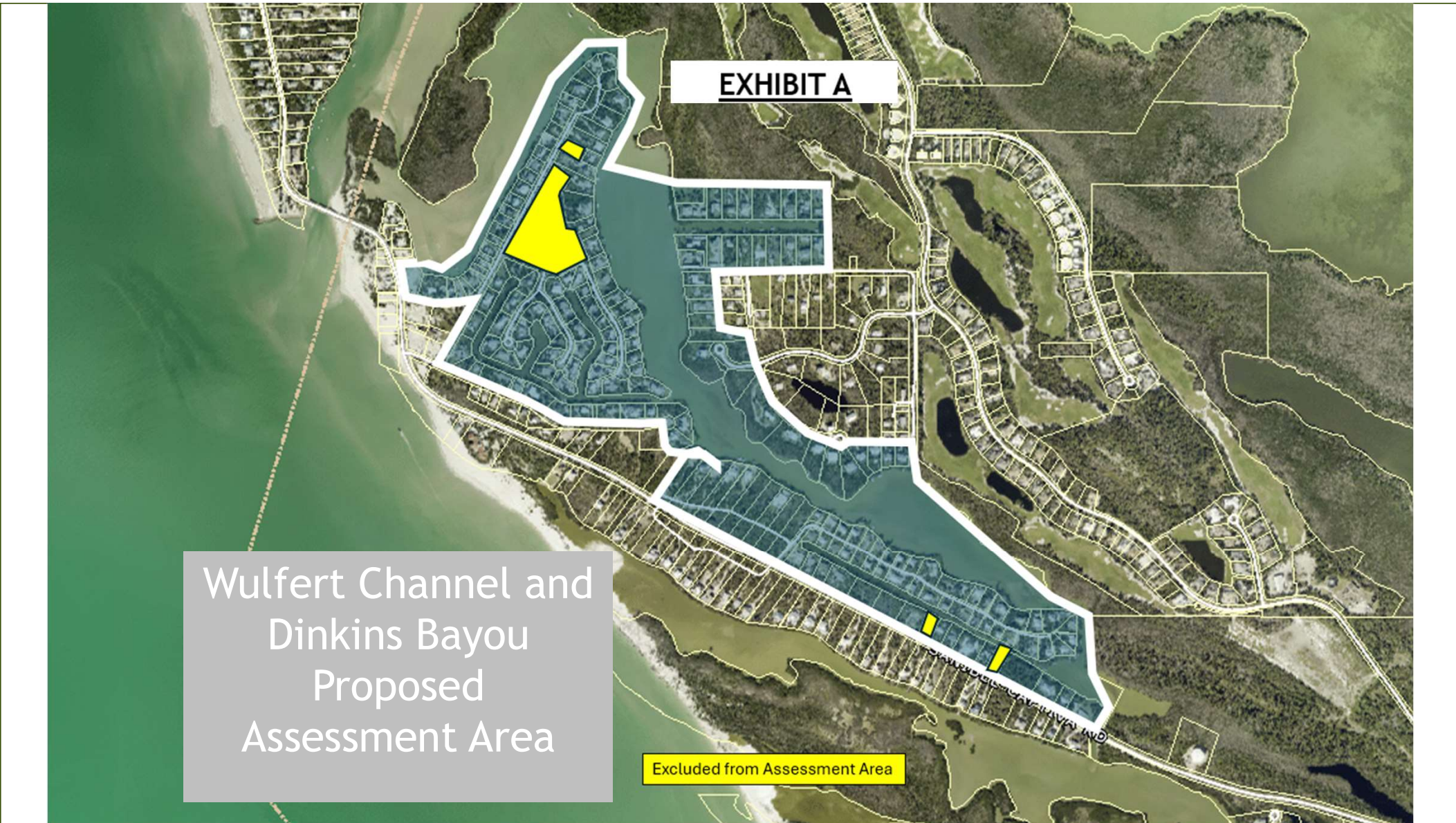
Excluded from Assessment Area



EXHIBIT A

Wulfert Channel and
Dinkins Bayou
Proposed
Assessment Area

Excluded from Assessment Area



Wulfert Channel and Dinkins Bayou Assessment District Dredging Project

| Item | Unit | Unit Cost | Quantity | Cost |
|--|-------------|------------------|-----------------|---------------------|
| Permit Survey/Plans - Wulfert (Revised) | Each | 9,065.00 | 1 | 9,065.00 |
| Permit Survey/Plans - Dinkins (Revised) | Each | 9,182.50 | 1 | 9,182.50 |
| Mobilization Wulfert and Dinkins | Each | 45,000.00 | 1 | 45,000.00 |
| Dredge Survey/Staking - Wulfert | Each | 15,000.00 | 1 | 15,000.00 |
| Dredge Survey/Staking - Dinkins | Each | 40,000.00 | 1 | 40,000.00 |
| Dredging - Wulfert (Revised) | CY | 100 | 2,900 | 290,000.00 |
| Dredging - Dinkins (Revised) | CY | 90 | 2,350 | 211,500.00 |
| Dredging - Dinkins (Revised) | CY | 100 | 11,190 | 1,119,000.00 |
| Dredge Material Hauling - To WWTF - Wulfert/Dinkins (Revised) | CY | 15 | 16,440 | 246,600.00 |
| Dredge Material Hauling - Off Island - Wulfert/Dinkins (Revised) | CY | 15 | 16,440 | 246,600.00 |
| Total | | | | 2,231,947.50 |

| Item | | Cost | |
|--|--|-----------------------|--|
| Total Project cost | | \$2,231,947.50 | |
| City Share - 33.33% | | \$ 743,908.10 | |
| Private Property Share - 66.67% | | \$1,488,039.40 | |
| | | | |
| Cost per parcel – 196 parcels (\$1,488,039.40.36/196) | | \$7,592.04 | |

| Revised Wulfert Channel and Dinkins Bayou Area Dredging Assessment District Payment Options | | | | | | | | | | | | | | | | | | |
|---|------------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|-------------------|------------------|
| | Assessment | Year 1 Payment | Balance | 4.5% interest | Balance | Year 2 Payment | Balance | 4.5% Interest | Balance | Year 3 Payment | Balance | 4.5% Interest | Balance | Year 4 Payment | Balance | 4.5% Interest | Year 5 Payment | Total Payment |
| Resident Payment Option 1-year Payment | 7,592.04 | 7,592.04 | 0.00 | | | | | | | | | | | | | | | 7,592.04 |
| Resident Payment Option - 2-year Payment | 7,592.04 | 3,796.02 | 3,796.02 | 170.82 | 3,966.84 | 3,966.84 | 0.00 | | | | | | | | | | | 7,762.86 |
| Resident Payment Option - 3-year Payment | 7,592.04 | 2,530.68 | 5,061.36 | 227.76 | 5,289.12 | 2,644.56 | 2,644.56 | 119.01 | 2,763.57 | 2,763.57 | | | | | | | | 7,938.81 |
| Resident Payment Option - 4-year Payment | 7,592.04 | 1,898.01 | 5,694.03 | 256.23 | 5,950.26 | 1,983.42 | 3,966.84 | 178.51 | 4,145.35 | 2,072.67 | 2,072.67 | 93.27 | 2,165.94 | 2,165.94 | | | | 8,120.05 |
| Resident Payment Option - 5-year Payment | 7,592.04 | 1,518.41 | 6,073.63 | 273.31 | 6,346.95 | 1,586.74 | 4,760.21 | 214.21 | 4,974.42 | 1,658.14 | 3,316.28 | 149.23 | 3,465.51 | 1,732.76 | 1,732.76 | 77.97 | 1,810.73 | 8,306.77 |

| | Revised Wulfert Channel Area Dredging Assessment District Payment Options | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|
| | Assessment | Year 1 Payment | Balance | 4.5% interest | Balance | Year 2 Payment | Balance | 4.5% Interest | Balance | Year 3 Payment | Balance | 4.5% Interest | Balance | Year 4 Payment | Balance | 4.5% Interest | Balance | Year 5 Payment | Balance | 4.5% interest | Balance | Year 6 Payment |
| Resident Payment Option 1-year Payment | 7,592.04 | 7,592.04 | 0.00 | | | | | | | | | | | | | | | | | | | |
| Resident Payment Option - 2-year Payment | 7,592.04 | 3,796.02 | 3,796.02 | 170.82 | 3,966.84 | 3,966.84 | 0.00 | | | | | | | | | | | | | | | |
| Resident Payment Option - 3-year Payment | 7,592.04 | 2,530.68 | 5,061.36 | 227.76 | 5,289.12 | 2,644.56 | 2,644.56 | 119.01 | 2,763.57 | 2,763.57 | | | | | | | | | | | | |
| Resident Payment Option - 4-year Payment | 7,592.04 | 1,898.01 | 5,694.03 | 256.23 | 5,950.26 | 1,983.42 | 3,966.84 | 178.51 | 4,145.35 | 2,072.67 | 2,072.67 | 93.27 | 2,165.94 | 2,165.94 | | | | | | | | |
| Resident Payment Option - 5-year Payment | 7,592.04 | 1,518.41 | 6,073.63 | 273.31 | 6,346.95 | 1,586.74 | 4,760.21 | 214.21 | 4,974.42 | 1,658.14 | 3,316.28 | 149.23 | 3,465.51 | 1,732.76 | 1,732.76 | 77.97 | 1,810.73 | 1,810.73 | | | | |
| Resident Payment Option 6-year Payment | 7,592.04 | 1,265.34 | 6,326.70 | 227.76 | 6,554.46 | 1,310.89 | 5,243.57 | 235.96 | 5,479.53 | 1,369.88 | 4,109.65 | 184.93 | 4,294.58 | 1,431.53 | 2,863.05 | 128.84 | 2,991.89 | 1,495.95 | 1,495.95 | 67.32 | 1,563.26 | 1,563.26 |
| Resident Payment Option - 7-year Payment | 7,592.04 | 1,084.58 | 6,507.46 | 256.23 | 6,763.69 | 1,127.28 | 5,636.41 | 253.64 | 5,890.05 | 1,178.01 | 4,712.04 | 212.04 | 4,924.08 | 1,231.02 | 3,693.06 | 166.19 | 3,859.25 | 1,286.42 | 2,572.83 | 115.78 | 2,688.61 | 1,344.31 |
| Resident Payment Option -8-year Payment | 7,592.04 | 949.01 | 6,643.04 | 273.31 | 6,916.35 | 988.05 | 5,928.30 | 266.77 | 6,195.07 | 1,032.51 | 5,162.56 | 232.32 | 5,394.88 | 1,078.98 | 4,315.90 | 194.22 | 4,510.12 | 1,127.53 | 3,382.59 | 152.22 | 3,534.80 | 1,178.27 |
| Resident Payment Option - 9-year Payment | 7,592.04 | 843.56 | 6,748.48 | 303.68 | 7,052.16 | 881.52 | 6,170.64 | 277.68 | 6,448.32 | 921.19 | 5,527.13 | 248.72 | 5,775.85 | 962.64 | 4,813.21 | 216.59 | 5,029.80 | 1,005.96 | 4,023.84 | 181.07 | 4,204.92 | 1,051.23 |
| Resident Payment Option - 10-year Payment | 7,592.04 | 759.20 | 6,832.84 | 307.48 | 7,140.31 | 793.37 | 6,346.95 | 285.61 | 6,632.56 | 829.07 | 5,803.49 | 261.16 | 6,064.65 | 866.38 | 5,198.27 | 233.92 | 5,432.19 | 905.36 | 4,526.82 | 203.71 | 4,730.53 | 946.11 |

| Year 6 Payment | Balance | 4.5% Interest | Balance | Year 7 Payment | Balance | 4.5% Interest | Balance | Year 8 Payment | Balance | 4.5% Interest | Balance | Year 9 Payment | 4.5% Interest | Year 10 Payment | Total Paid |
|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|---------------|--------------------|------------|
| | | | | | | | | | | | | | | | 7,592.04 |
| | | | | | | | | | | | | | | | 7,762.86 |
| | | | | | | | | | | | | | | | 7,938.81 |
| | | | | | | | | | | | | | | | 8,120.05 |
| | | | | | | | | | | | | | | | 8,306.77 |
| 1,563.26 | | | | | | | | | | | | | | | 8,436.85 |
| 1,344.31 | 1,344.31 | 60.49 | 1,404.80 | 1,404.80 | | | | | | | | | | | 8,656.41 |
| 1,178.27 | 2,356.54 | 106.04 | 2,462.58 | 1,231.29 | 1,231.29 | 55.41 | 1,286.70 | 1,286.70 | | | | | | | 8,872.33 |
| 1,051.23 | 3,153.69 | 141.92 | 3,295.60 | 1,098.53 | 2,197.07 | 98.87 | 2,295.94 | 1,147.97 | 1,147.97 | 51.66 | 1,199.63 | 1,199.63 | | | 9,112.23 |
| 946.11 | 3,784.43 | 170.30 | 3,954.72 | 988.68 | 2,966.04 | 133.47 | 3,099.52 | 1,033.17 | 2,066.34 | 92.99 | 2,159.33 | 1,079.66 | 48.58 | 1,128.25 | 9,329.26 |

EXHIBIT A

Wulfert Channel
Proposed
Assessment Area

Excluded from Assessment Area

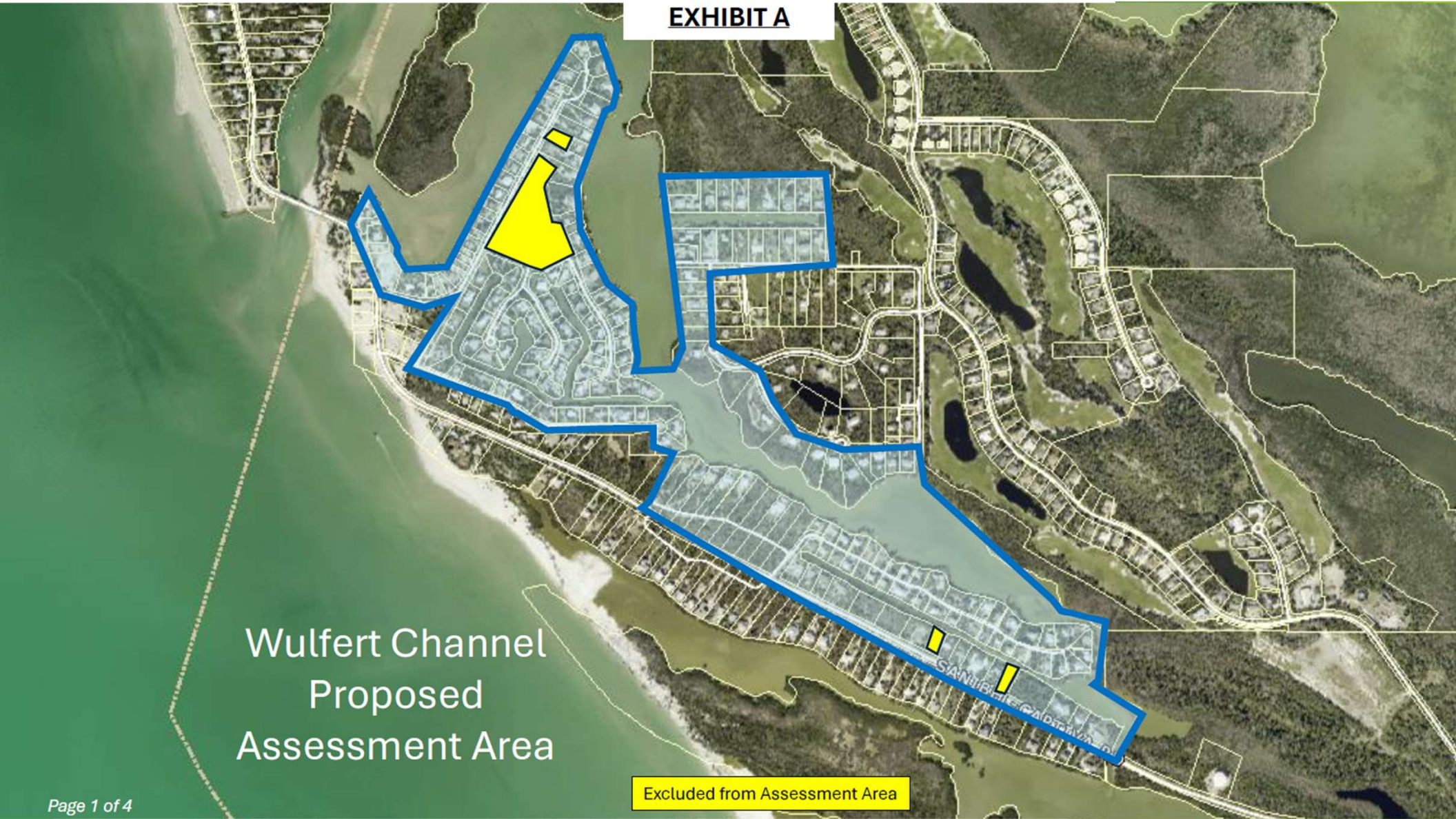
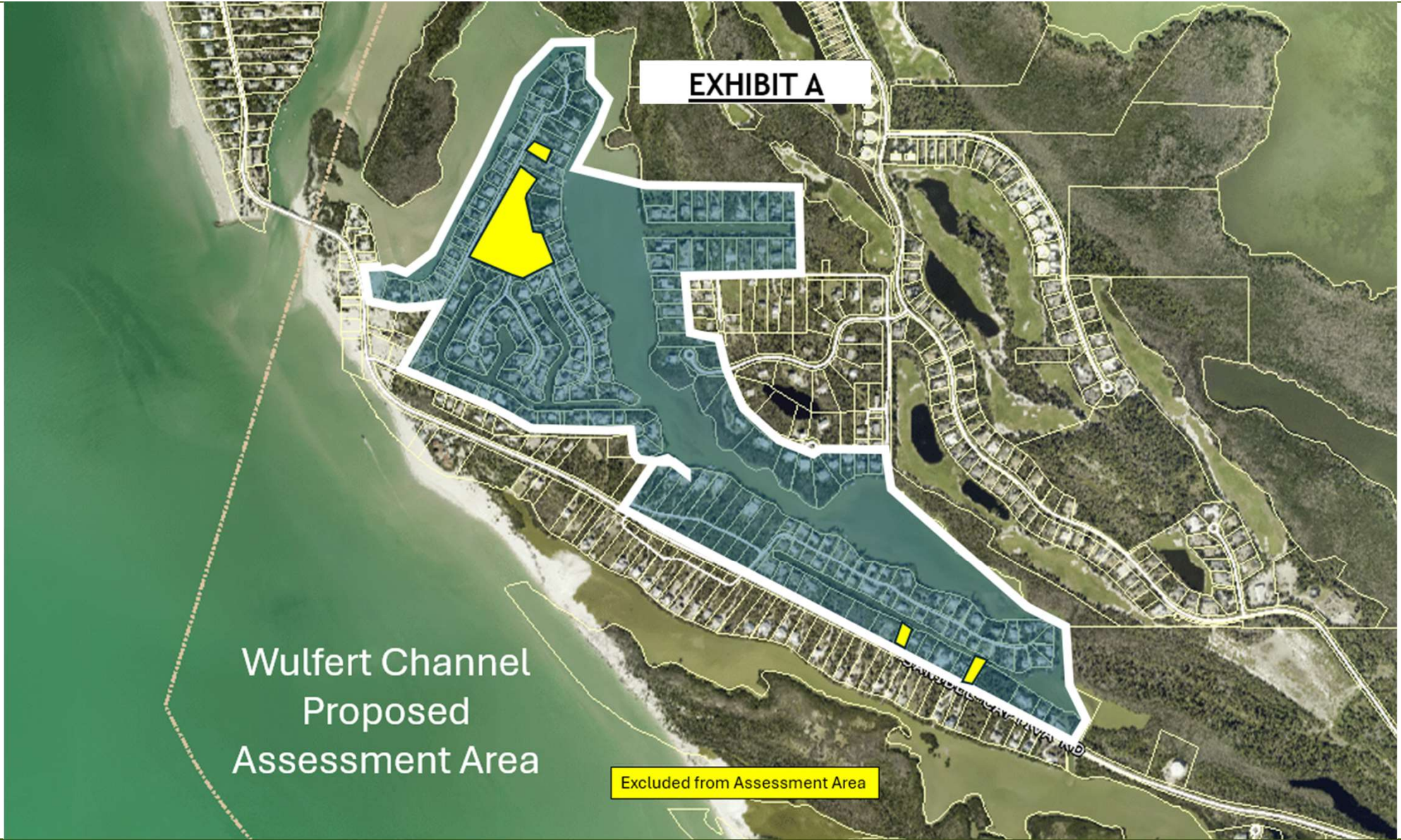


EXHIBIT A

Wulfert Channel
Proposed
Assessment Area

Excluded from Assessment Area



| Revised Wulfert Channel Assessment District Dredging Project | | | | |
|--|------|-----------|----------|-------------------|
| Item | Unit | Unit Cost | Quantity | Cost |
| Permit Survey/Plans - Wulfert (Revised) | Each | 9,065.00 | 1 | 9,065.00 |
| Mobilization | Each | 45,000.00 | 1 | 45,000.00 |
| Dredge Survey/Staking | Each | 15,000.00 | 1 | 15,000.00 |
| Dredging - Wulfert (Revised) | CY | 100 | 2,900 | 290,000.00 |
| Dredge Material Hauling - To WWWTF (Revised) | CY | 15 | 2,900 | 43,500.00 |
| Dredge Material Hauling - Off Island (Revised) | CY | 15 | 2,900 | 43,500.00 |
| Total | | | | 446,065.00 |
| | | | | |
| City Share - 33.33% | | | | 148,673.46 |
| Private Property Share - 66.67% | | | | 297,391.54 |
| Total | | | | 446,065.00 |

| Item | | Cost | |
|---|--|---------------------|--|
| Total Project cost | | \$446,065.00 | |
| City Share - 33.33% | | \$ 148,673.46 | |
| Private Property Share - 66.67% | | \$297,391.54 | |
| | | | |
| Cost per parcel – 196 parcels (\$297,391.54/196) | | \$1,517.30 | |

| Revised Wulfert Channel Area Dredging Assessment District Payment Options | | | | | | | | | | | | | | | | | | |
|---|------------|-------------------|----------|---------------|----------|-------------------|---------|---------------|---------|-------------------|---------|---------------|---------|-------------------|---------|---------------|-------------------|------------------|
| | Assessment | Year 1 Payment | Balance | 4.5% interest | Balance | Year 2 Payment | Balance | 4.5% Interest | Balance | Year 3 Payment | Balance | 4.5% Interest | Balance | Year 4 Payment | Balance | 4.5% Interest | Year 5 Payment | Total Payment |
| Resident Payment Option 1-year Payment | 1,517.30 | 1,517.30 | 0.00 | | | | | | | | | | | | | | | 1,517.30 |
| Resident Payment Option - 2-year Payment | 1,517.30 | 758.65 | 758.65 | 34.14 | 792.79 | 792.79 | 0.00 | | | | | | | | | | | 1,551.44 |
| Resident Payment Option - 3-year Payment | 1,517.30 | 505.77 | 1,011.53 | 45.52 | 1,057.05 | 528.53 | 528.53 | 23.78 | 552.31 | 552.31 | | | | | | | | 1,586.60 |
| Resident Payment Option - 4-year Payment | 1,517.30 | 379.33 | 1,137.98 | 51.21 | 1,189.18 | 396.39 | 792.79 | 35.68 | 828.46 | 414.23 | 414.23 | 18.64 | 432.87 | 432.87 | | | | 1,622.82 |
| Resident Payment Option - 5-year Payment | 1,517.30 | 303.46 | 1,213.84 | 54.62 | 1,268.46 | 317.12 | 951.35 | 42.81 | 994.16 | 331.39 | 662.77 | 29.82 | 692.60 | 346.30 | 346.30 | 15.58 | 361.88 | 1,660.14 |

| Revised Wulfert Channel Area Dredging Assessment District Payment Options | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|----------|---------------|----------|-------------------|---------|---------------|---------|-------------------|
| | Assessment | Year 1 Payment | Balance | 4.5% interest | Balance | Year 2 Payment | Balance | 4.5% Interest | Balance | Year 3 Payment | Balance | 4.5% Interest | Balance | Year 4 Payment | Balance | 4.5% Interest | Balance | Year 5 Payment | Balance | 4.5% interest | Balance | Year 6 Payment |
| Resident Payment Option 1-year Payment | 1,517.30 | 1,517.30 | 0.00 | | | | | | | | | | | | | | | | | | | |
| Resident Payment Option - 2-year Payment | 1,517.30 | 758.65 | 758.65 | 34.14 | 792.79 | 792.79 | 0.00 | | | | | | | | | | | | | | | |
| Resident Payment Option - 3-year Payment | 1,517.30 | 505.77 | 1,011.53 | 45.52 | 1,057.05 | 528.53 | 528.53 | 23.78 | 552.31 | 552.31 | | | | | | | | | | | | |
| Resident Payment Option - 4-year Payment | 1,517.30 | 379.33 | 1,137.98 | 51.21 | 1,189.18 | 396.39 | 792.79 | 35.68 | 828.46 | 414.23 | 414.23 | 18.64 | 432.87 | 432.87 | | | | | | | | |
| Resident Payment Option - 5-year Payment | 1,517.30 | 303.46 | 1,213.84 | 54.62 | 1,268.46 | 317.12 | 951.35 | 42.81 | 994.16 | 331.39 | 662.77 | 29.82 | 692.60 | 346.30 | 346.30 | 15.58 | 361.88 | 361.88 | | | | |
| Resident Payment Option 6-year Payment | 1,517.30 | 252.88 | 1,264.42 | 45.52 | 1,309.94 | 261.99 | 1,047.95 | 47.16 | 1,095.11 | 273.78 | 821.33 | 36.96 | 858.29 | 286.10 | 572.19 | 25.75 | 597.94 | 298.97 | 298.97 | 13.45 | 312.42 | 312.42 |
| Resident Payment Option - 7-year Payment | 1,517.30 | 216.76 | 1,300.54 | 51.21 | 1,351.75 | 225.29 | 1,126.46 | 50.69 | 1,177.15 | 235.43 | 941.72 | 42.38 | 984.10 | 246.02 | 738.07 | 33.21 | 771.29 | 257.10 | 514.19 | 23.14 | 537.33 | 268.66 |
| Resident Payment Option -8-year Payment | 1,517.30 | 189.66 | 1,327.64 | 54.62 | 1,382.26 | 197.47 | 1,184.79 | 53.32 | 1,238.11 | 206.35 | 1,031.76 | 46.43 | 1,078.19 | 215.64 | 862.55 | 38.81 | 901.36 | 225.34 | 676.02 | 30.42 | 706.44 | 235.48 |
| Resident Payment Option - 9-year Payment | 1,517.30 | 168.59 | 1,348.71 | 60.69 | 1,409.40 | 176.18 | 1,233.23 | 55.50 | 1,288.72 | 184.10 | 1,104.62 | 49.71 | 1,154.33 | 192.39 | 961.94 | 43.29 | 1,005.23 | 201.05 | 804.18 | 36.19 | 840.37 | 210.09 |
| Resident Payment Option -10-year Payment | 1,517.30 | 151.73 | 1,365.57 | 61.45 | 1,427.02 | 158.56 | 1,268.46 | 57.08 | 1,325.54 | 165.69 | 1,159.85 | 52.19 | 1,212.04 | 173.15 | 1,038.89 | 46.75 | 1,085.65 | 180.94 | 904.70 | 40.71 | 945.42 | 189.08 |

| Year 6 Payment | Balance | 4.5% Interest | Balance | Year 7 Payment | Balance | 4.5% Interest | Balance | Year 8 Payment | Balance | 4.5% Interest | Balance | Year 9 Payment | 4.5% Interest | Year 10 Payment | Total Paid |
|-------------------|---------|---------------|---------|-------------------|---------|---------------|---------|-------------------|---------|---------------|---------|-------------------|---------------|--------------------|------------|
| | | | | | | | | | | | | | | | 1,517.30 |
| | | | | | | | | | | | | | | | 1,551.44 |
| | | | | | | | | | | | | | | | 1,586.60 |
| | | | | | | | | | | | | | | | 1,622.82 |
| | | | | | | | | | | | | | | | 1,660.14 |
| 312.42 | | | | | | | | | | | | | | | 1,686.14 |
| 268.66 | 268.66 | 12.09 | 280.75 | 280.75 | | | | | | | | | | | 1,730.02 |
| 235.48 | 470.96 | 21.19 | 492.16 | 246.08 | 246.08 | 11.07 | 257.15 | 257.15 | | | | | | | 1,773.17 |
| 210.09 | 630.28 | 28.36 | 658.64 | 219.55 | 439.09 | 19.76 | 458.85 | 229.43 | 229.43 | 10.32 | 239.75 | 239.75 | | | 1,821.12 |
| 189.08 | 756.33 | 34.03 | 790.37 | 197.59 | 592.78 | 26.67 | 619.45 | 206.48 | 412.97 | 18.58 | 431.55 | 215.78 | 9.71 | 225.49 | 1,864.49 |

Questions and City Council Discussion

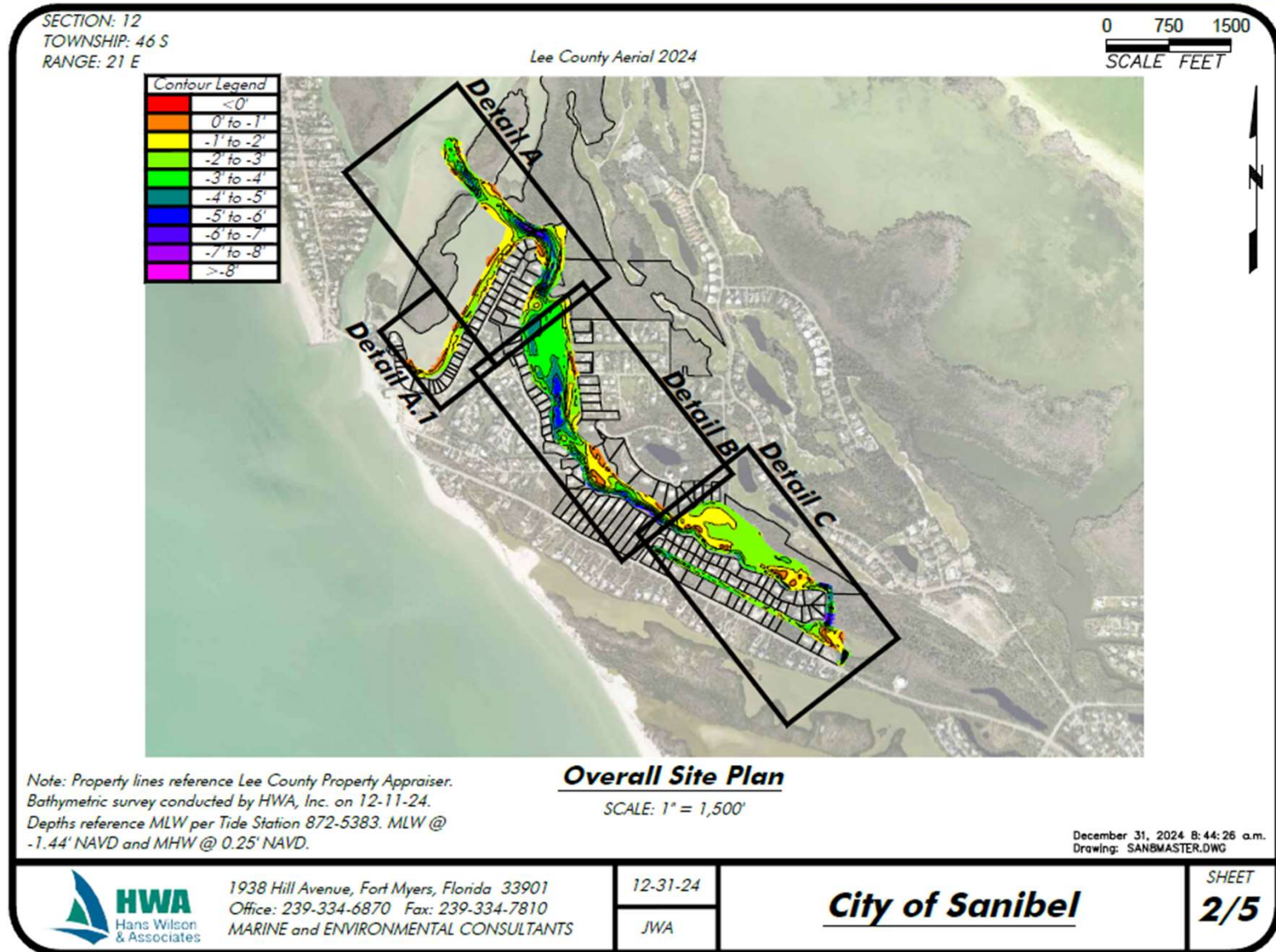




Dinkins Bayou

Including
Sunset Bay Channel
Pine Tree Drive Canal

- ▶ 2024 Post-Milton Bathymetric Survey
- ▶ Previous survey in 2009; 2014 dredge project limited to area shown in Detail C
- ▶ 2024 Project includes areas in shown in Detail A/A.1, B, and C

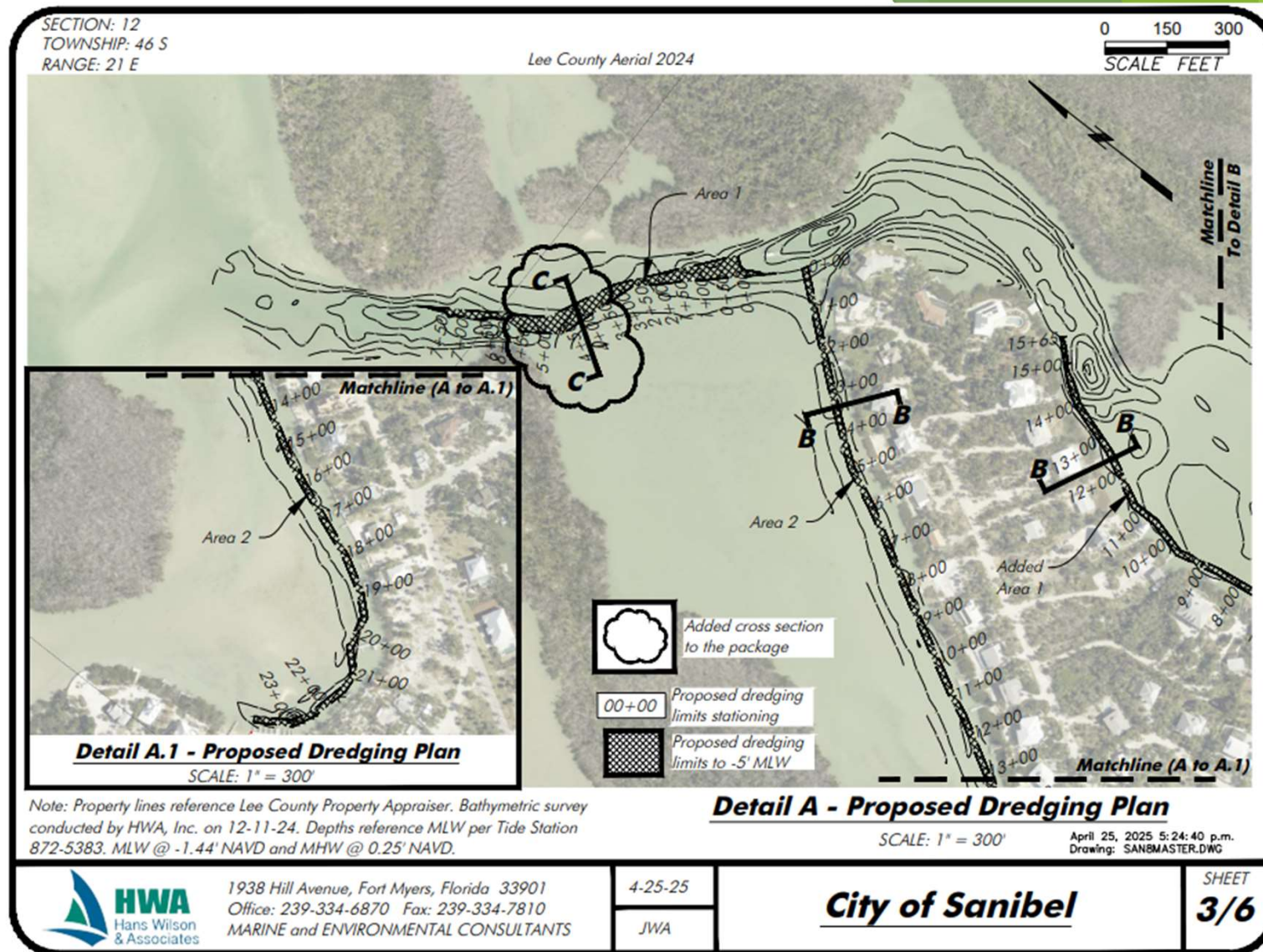


- ▶ 2024 Bathymetric Survey
- ▶ Areas shown in red, orange, yellow, & green are SHALLOW (5' or less MLW)
- ▶ Areas shown in blue, purple, & violet are DEEP (5' or greater MLW)



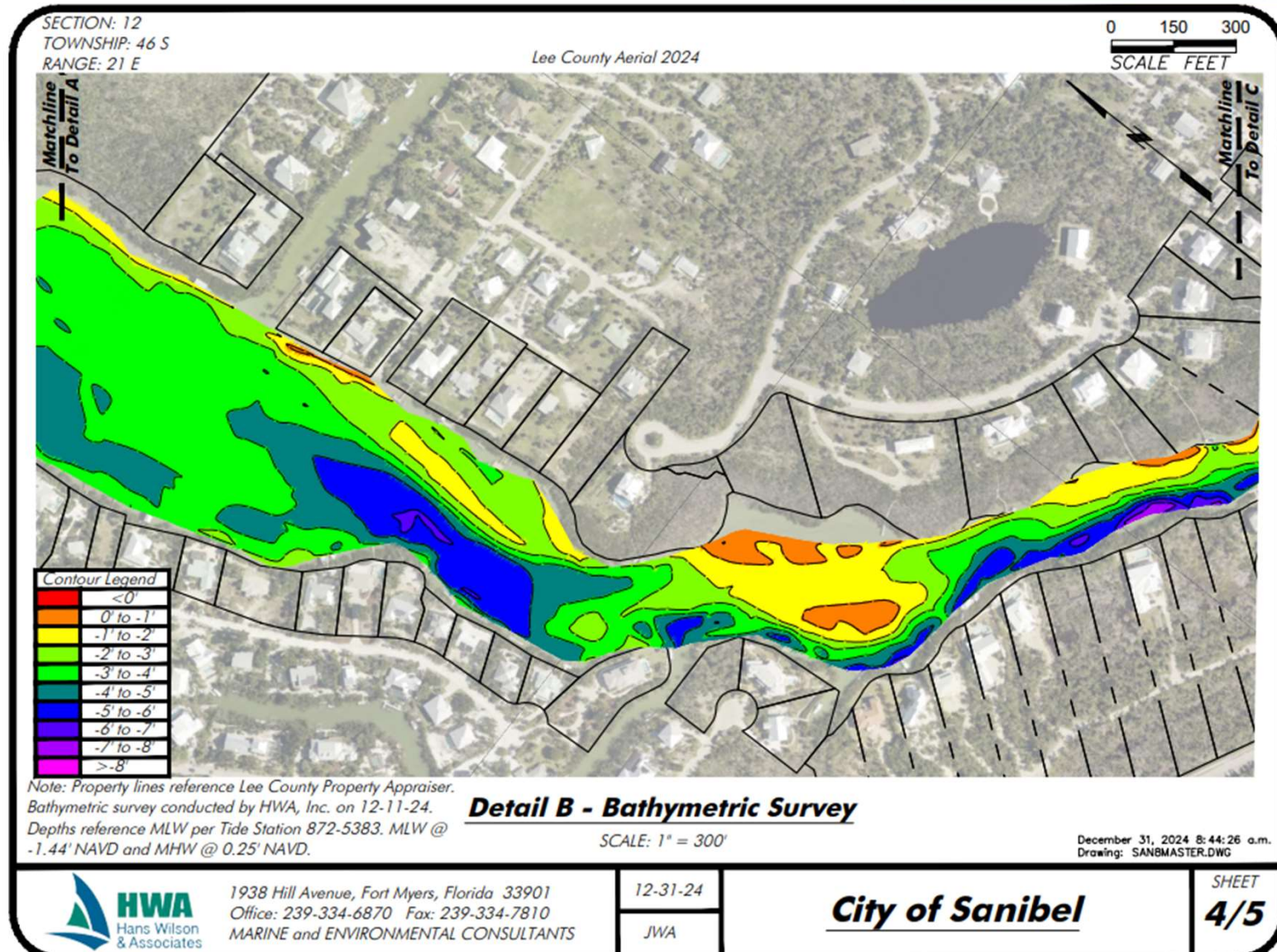
Dinkins Bayou Detail A/A.1

- ▶ Proposed dredging plan includes only a small portion of the area that was surveyed, shown in crosshatch
- ▶ Area 1, Area 2, Added Area 1
- ▶ Each “Area” has a cross-section detail
 - ▶ A-A
 - ▶ B-B
 - ▶ C-C
 - ▶ D-D



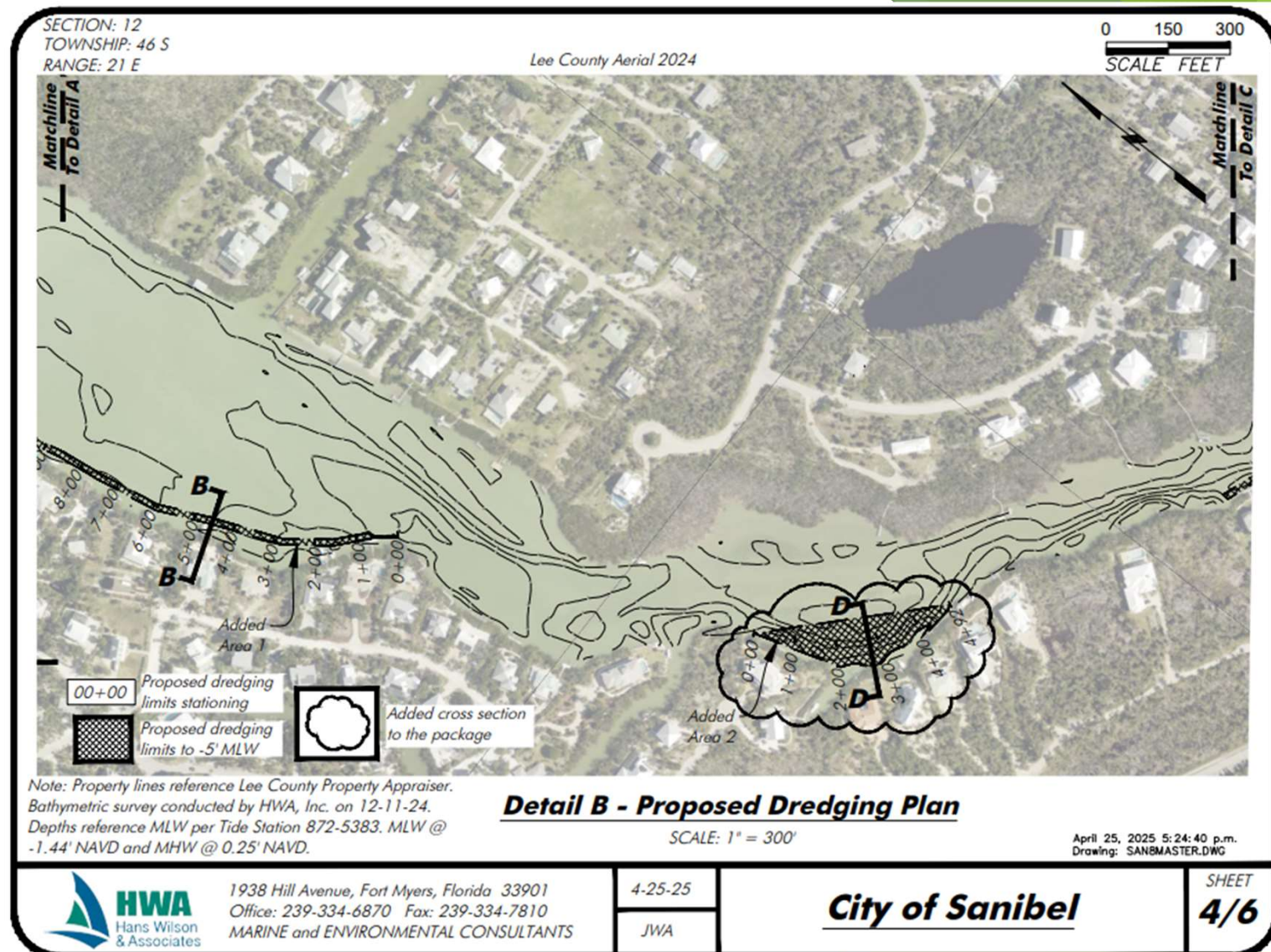
Dinkins Bayou Detail B

- ▶ 2024 Bathymetric Survey
- ▶ Areas shown in red, orange, yellow, & green are SHALLOW (5' or less MLW)
- ▶ Areas shown in blue, purple, & violet are DEEP (5' or greater MLW)



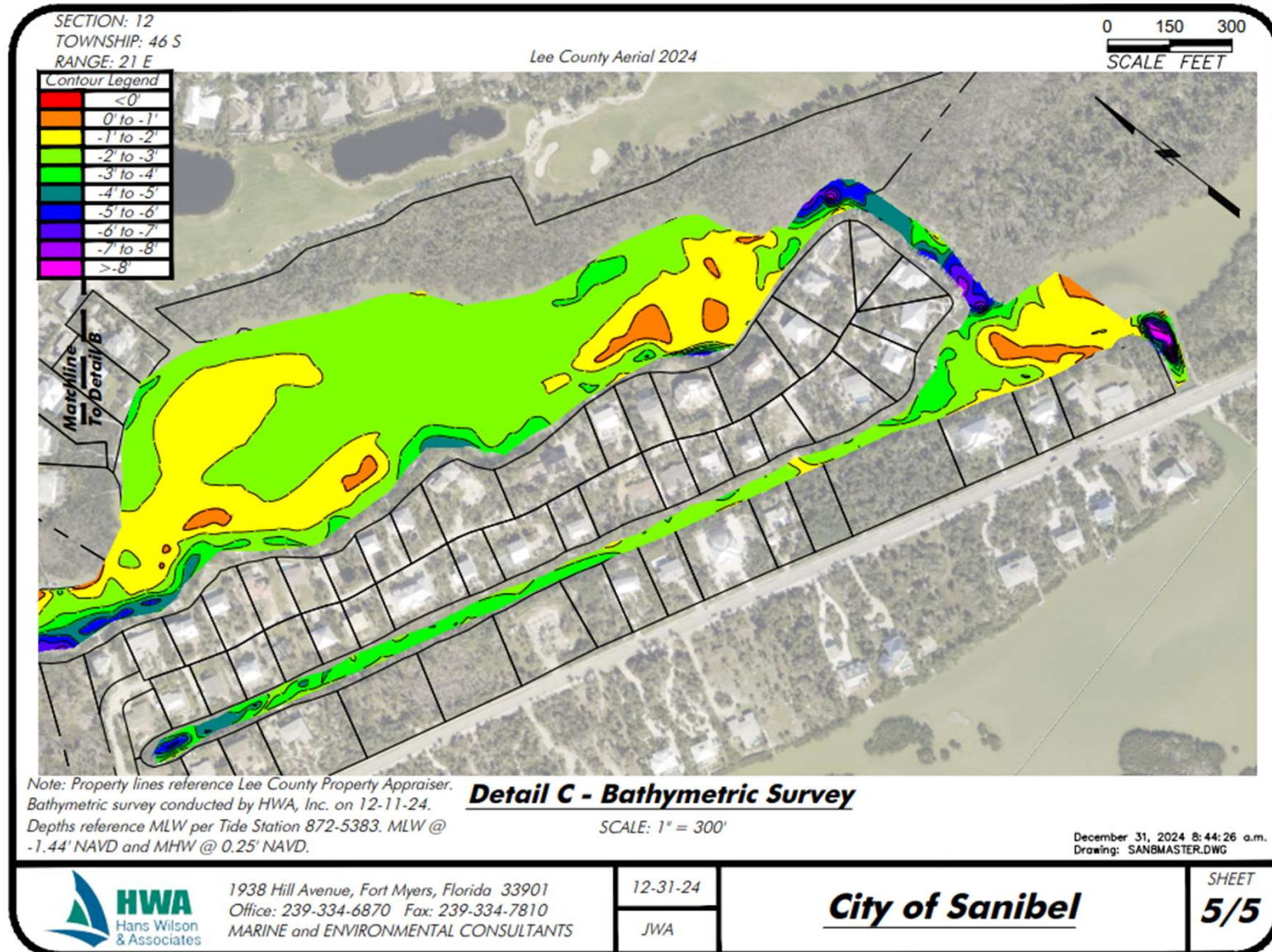
Dinkins Bayou Detail B

- ▶ Proposed dredging plan includes only a small portion of the area that was surveyed, shown in crosshatch
- ▶ Added Area 1, Added Area 2
- ▶ Each “Area” has a cross-section detail
 - ▶ A-A
 - ▶ B-B
 - ▶ C-C
 - ▶ D-D



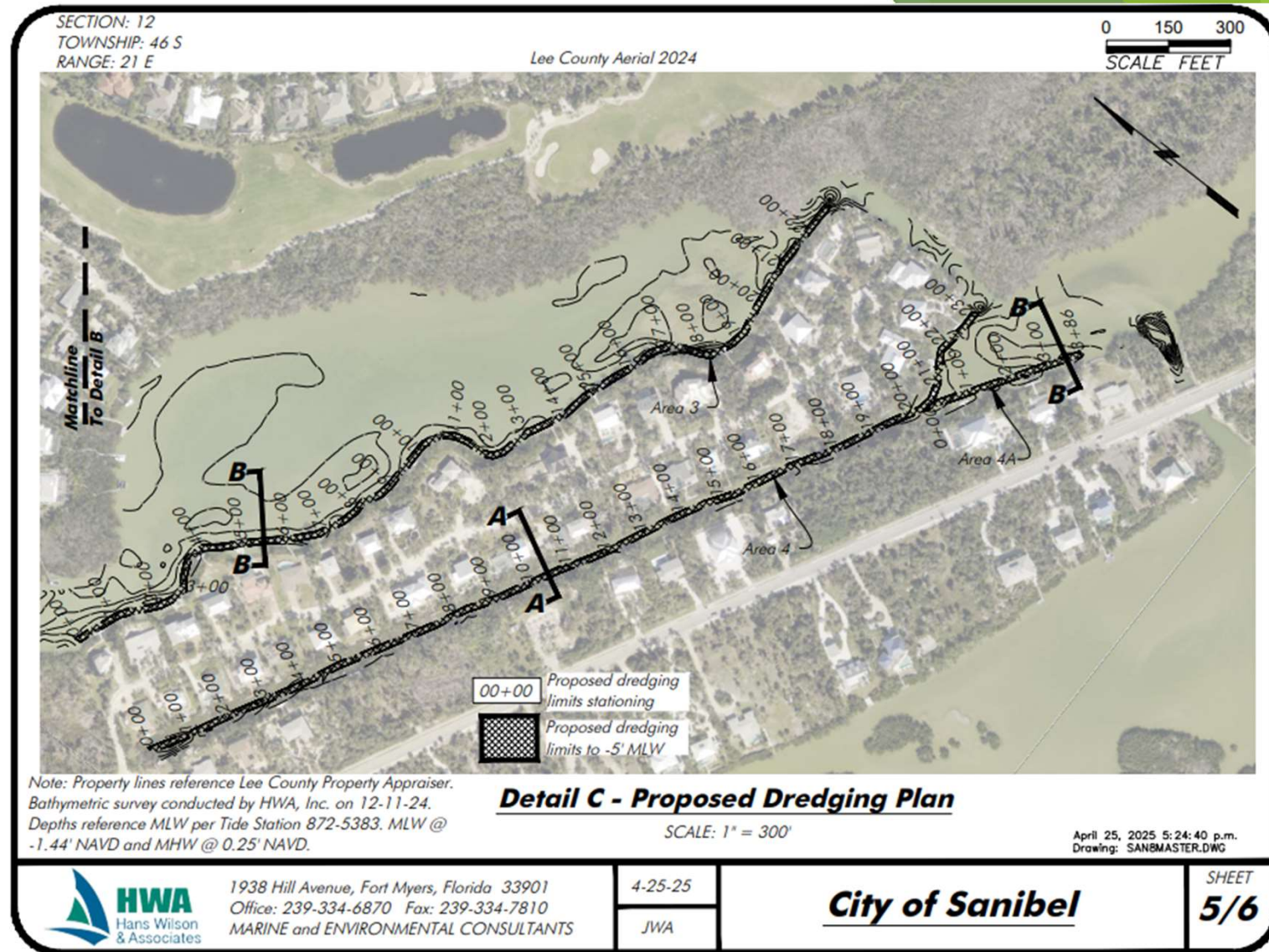
Dinkins Bayou Detail C

- ▶ 2024 Bathymetric Survey
- ▶ Areas shown in red, orange, yellow, & green are SHALLOW (5' or less MLW)
- ▶ Areas shown in blue, purple, & violet are DEEP (5' or greater MLW)



Dinkins Bayou Detail C

- ▶ Proposed dredging plan includes only a small portion of the area that was surveyed, shown in crosshatch
- ▶ Areas 3, 4, and 4a
- ▶ Each “Area” has a cross-section detail
 - ▶ A-A
 - ▶ B-B
 - ▶ C-C
 - ▶ D-D



Summary

Dinkins Bayou Dredge Volumes

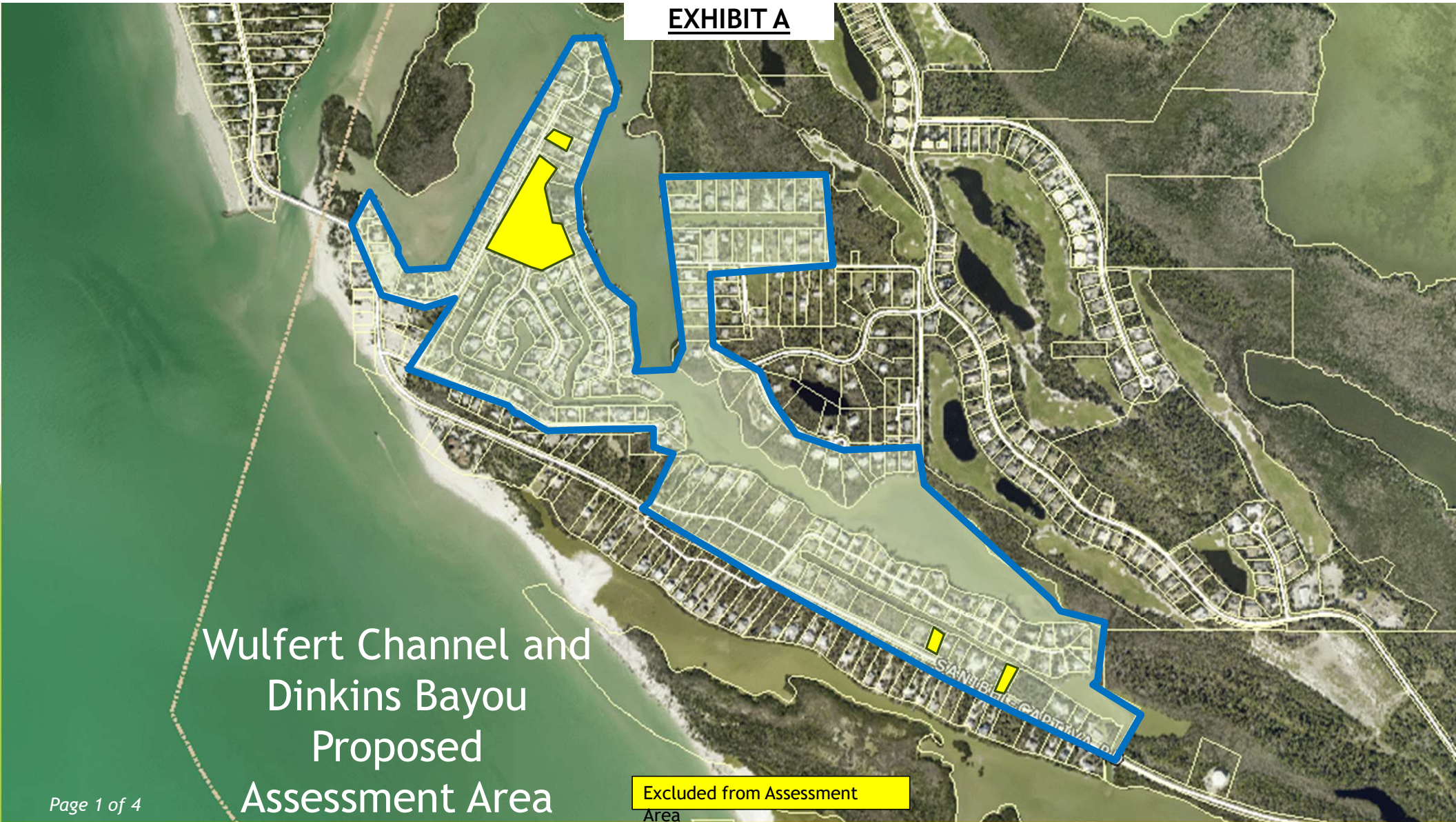
| Detail Sheet | Area Name | Description | Cross Section | Total Volume (CY) |
|--------------|--------------|--------------------|---------------|-------------------|
| Detail A | Area 1 | Dinkins Entrance | C-C | 1,173 |
| Detail A.1 | Area 2 | Sunset Bay Channel | B-B | 3,359 |
| Detail A/B | Added Area 1 | Dinkins-West | B-B | 1,177 |
| Detail B | Added Area 2 | Dinkins-Center | D-D | 2,664 |
| Detail C | Area 3 | Dinkins-East | B-B | 2,318 |
| Detail C | Area 4 | Pine Tree Canal | A-A | 2,275 |
| Detail C | Area 4a | Clam Bayou Culvert | B-B | 574 |
| TOTAL | | | | 13,540 |

- ▶ Spoil will be offloaded into water-tight dump trucks at the Henderson Road boat ramp
- ▶ Transported to Wulfert wastewater treatment plant for dewatering

EXHIBIT A

Wulfert Channel and
Dinkins Bayou
Proposed
Assessment Area

Excluded from Assessment
Area



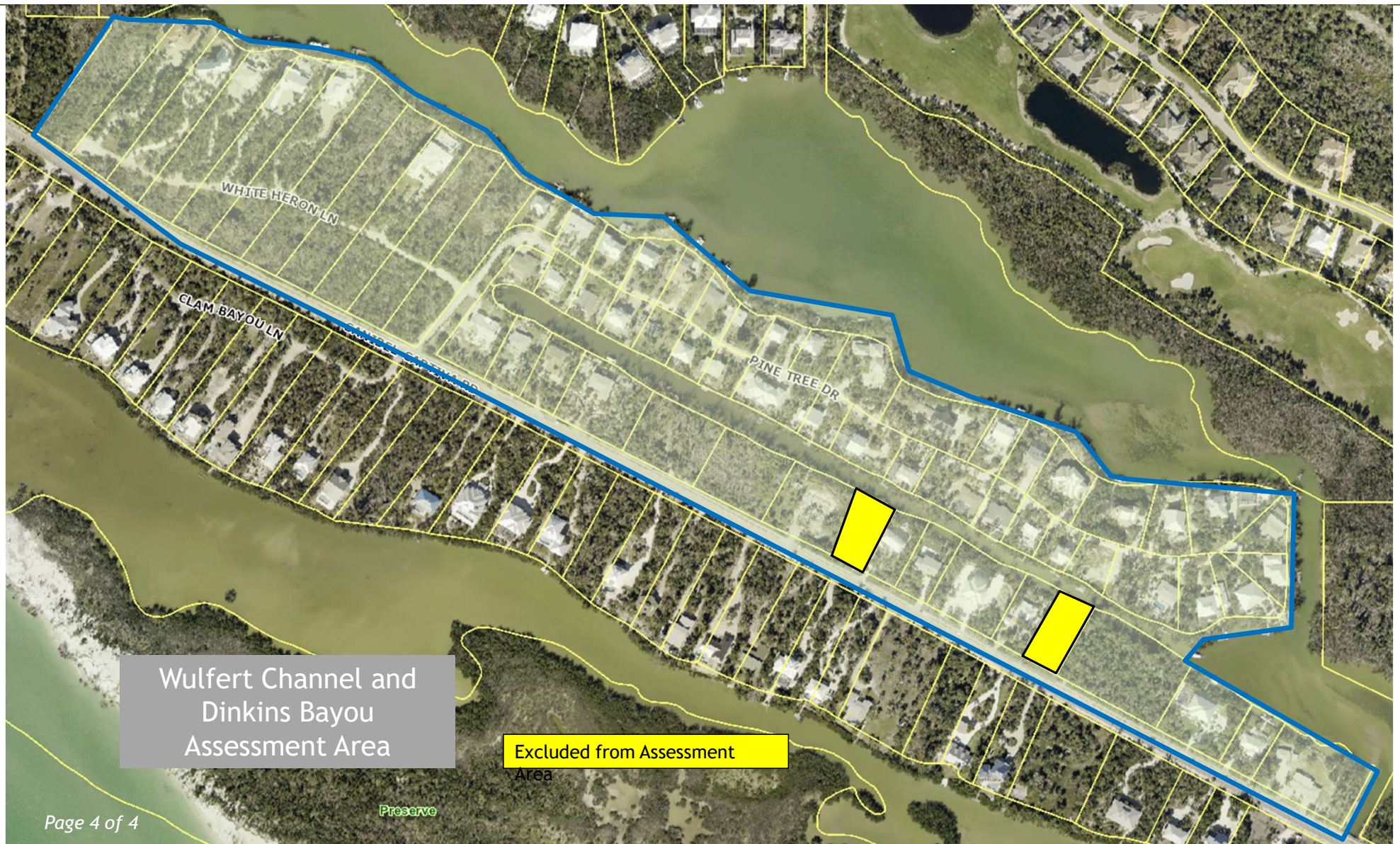
Wulfert Channel and Dinkins Bayou Assessment Area



Excluded from Assessment
Area

Wulfert Channel and Dinkins Bayou Assessment Area





Wulfert Channel and
Dinkins Bayou
Assessment Area

Excluded from Assessment
Area