



Beach Nourishment

Conditions,
Beach Management Plan,
& Bid Response

Beach Management Plan Thresholds for Action

7. Schedule: The CEPD will initiate beach nourishment projects when any of the following conditions are met:

a. Planned Maintenance:

- i. Volumetric Loss: renourishment will occur when there are 900,000 cubic yards left from the beach restoration, or about 57% of the original 1988-89 placement.
- ii. Loss of beach: beach renourishment will occur when the advanced fill (of berm) has eroded away to the Federal design of 40 feet.

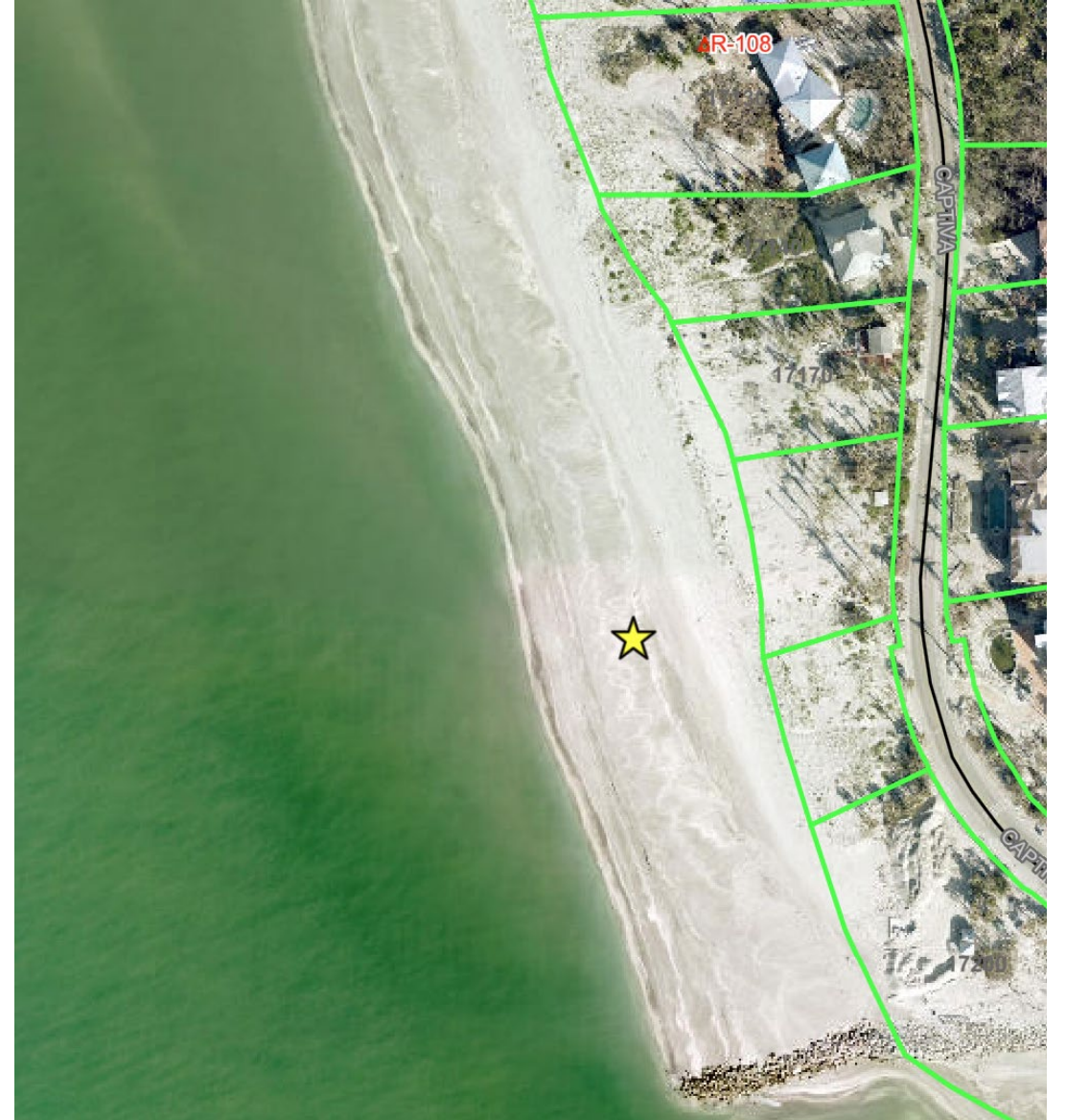
b. Emergency Maintenance:

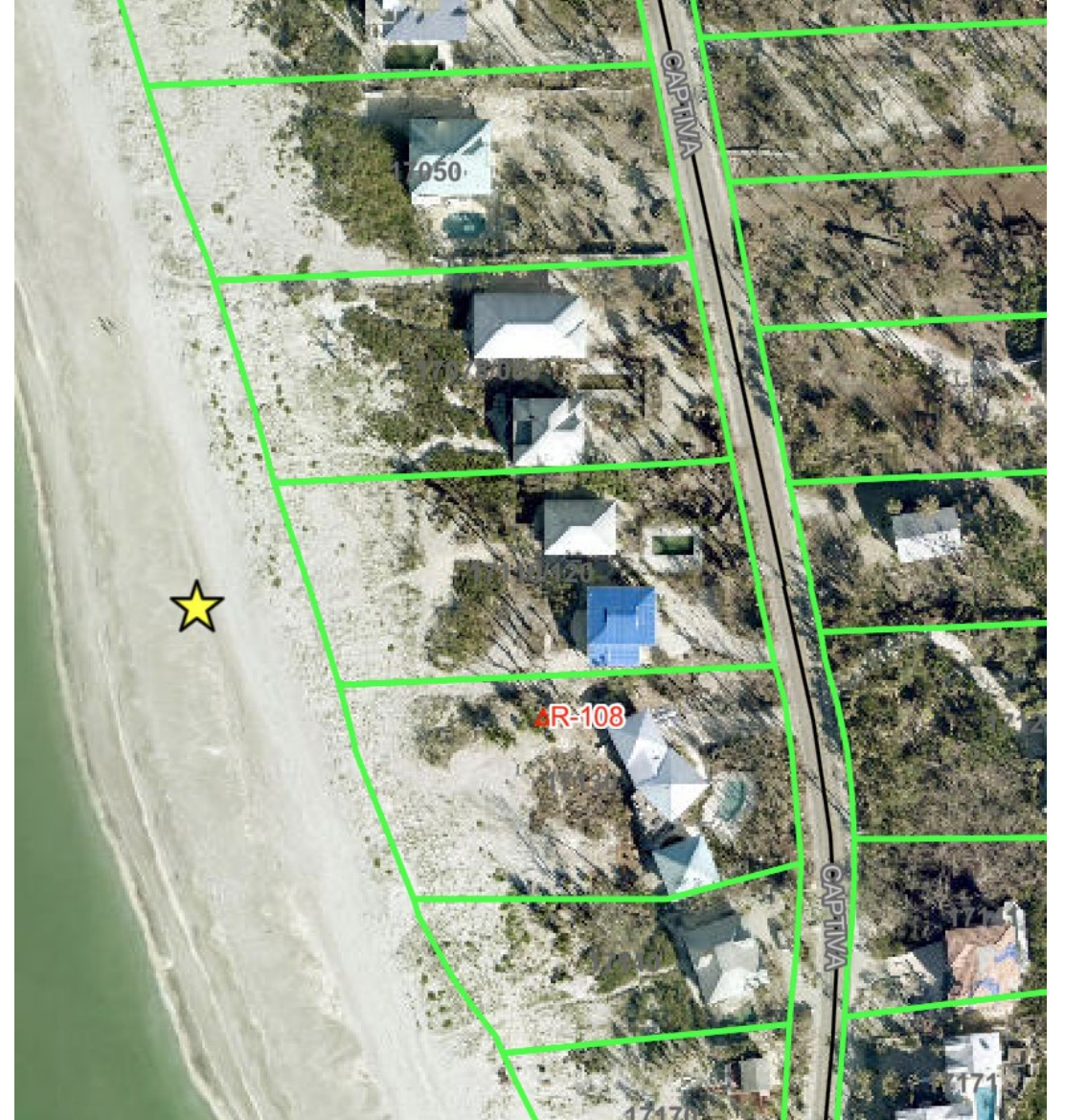
- i. Threat to property: if a serious threat arises to stretches of properties on Captiva, the Board will initiate an appropriate maintenance project.
- ii. Threat to the Hurricane Evacuation Route: if a serious threat arises to the hurricane evacuation route on Captiva, the Board will initiate an appropriate maintenance project.
- iii. Erosion of more than 400,000 cubic yards of the total fill volume placed during the last periodic maintenance project has occurred.
- iv. More than 20% of the total project length has eroded back to the 40 foot design berm.
- v. Federal disaster is declared.

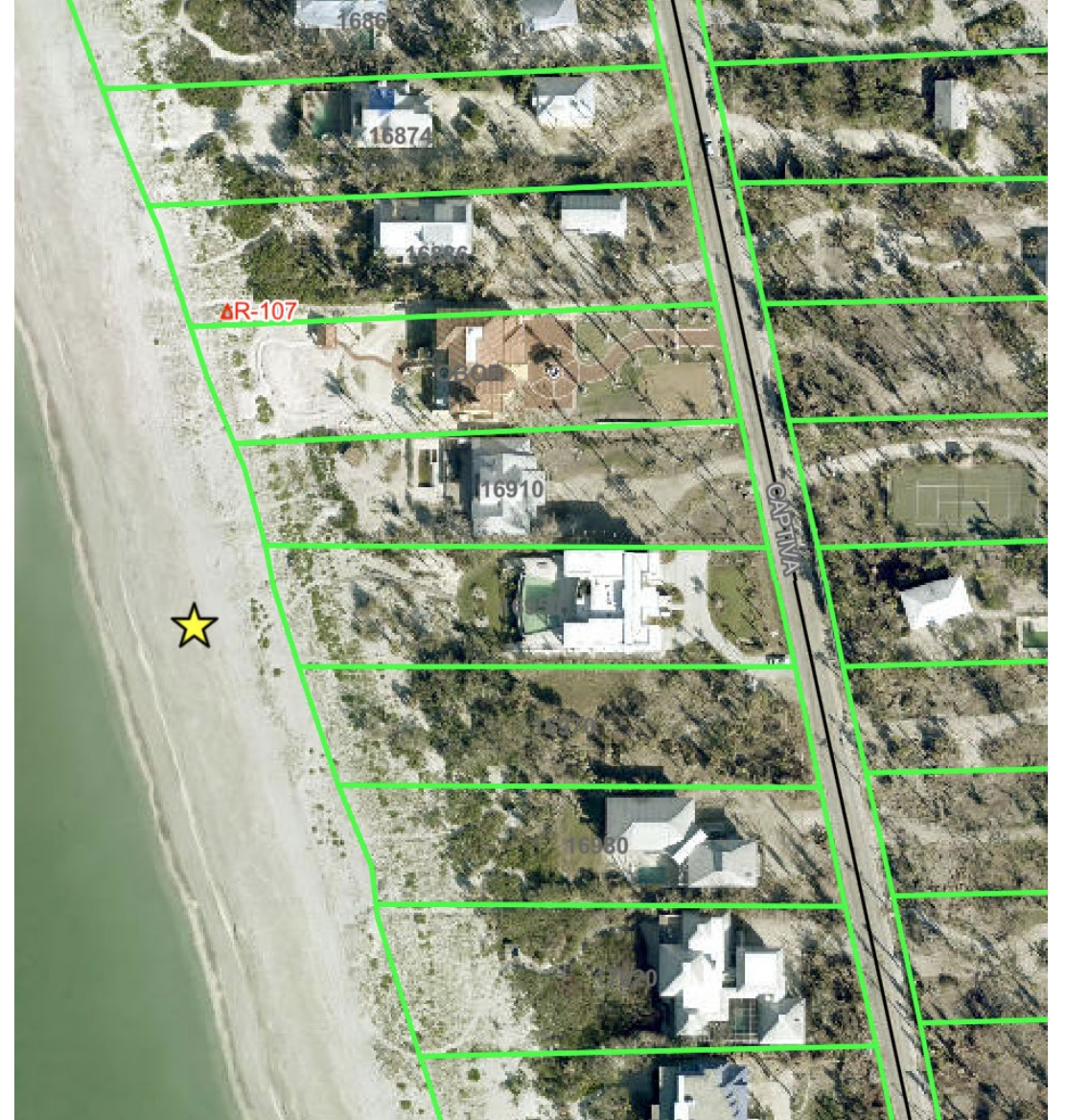
c. Property owners have requested assistance and have a CEPD approved plan for nourishment.

d. When anyone of the conditions described under planned or emergency maintenance above is met, the Board will resolve to undertake a Beach Maintenance Project. This resolution will be known as a Beach Maintenance Resolution.

Current Beach Conditions

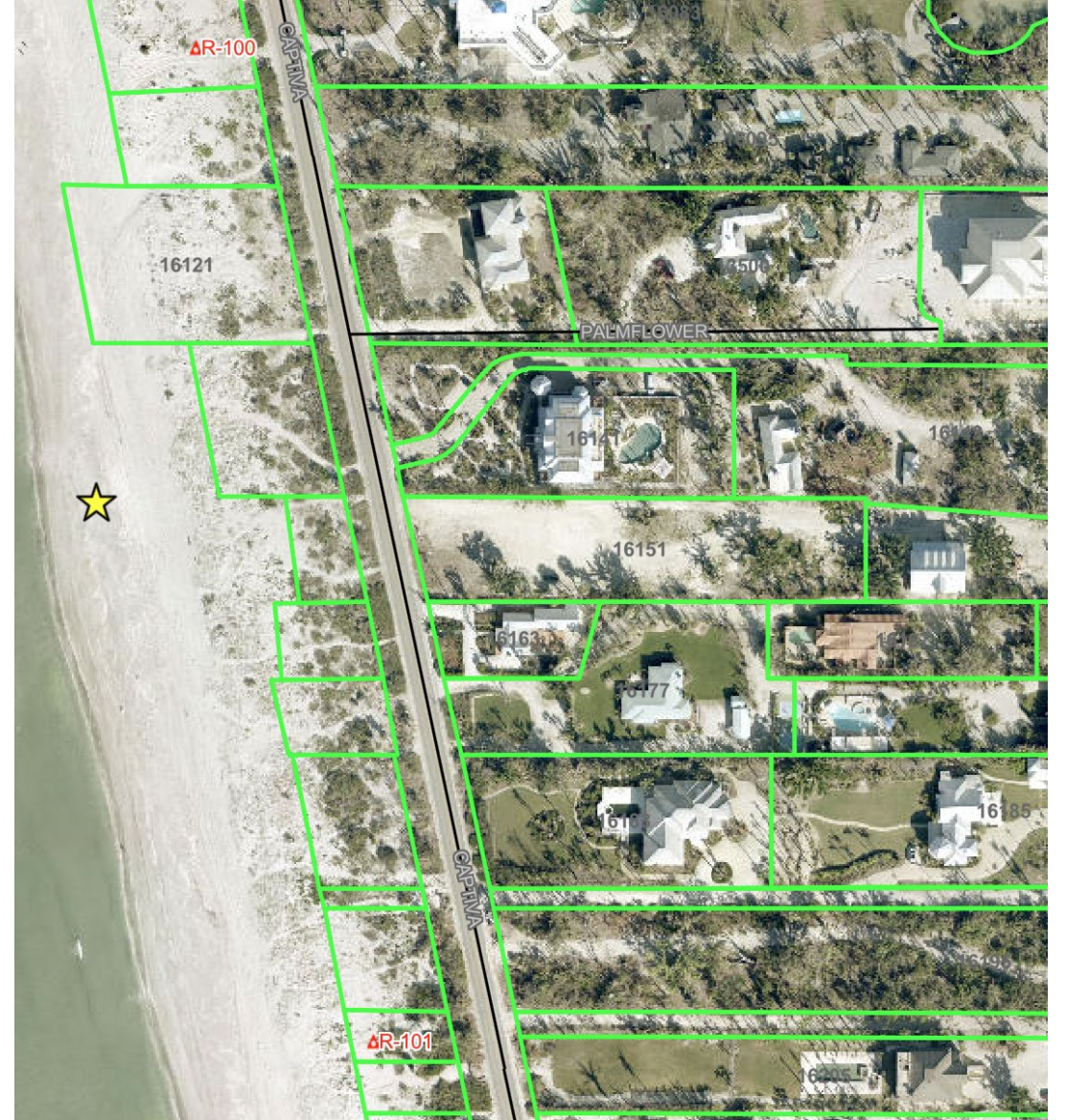


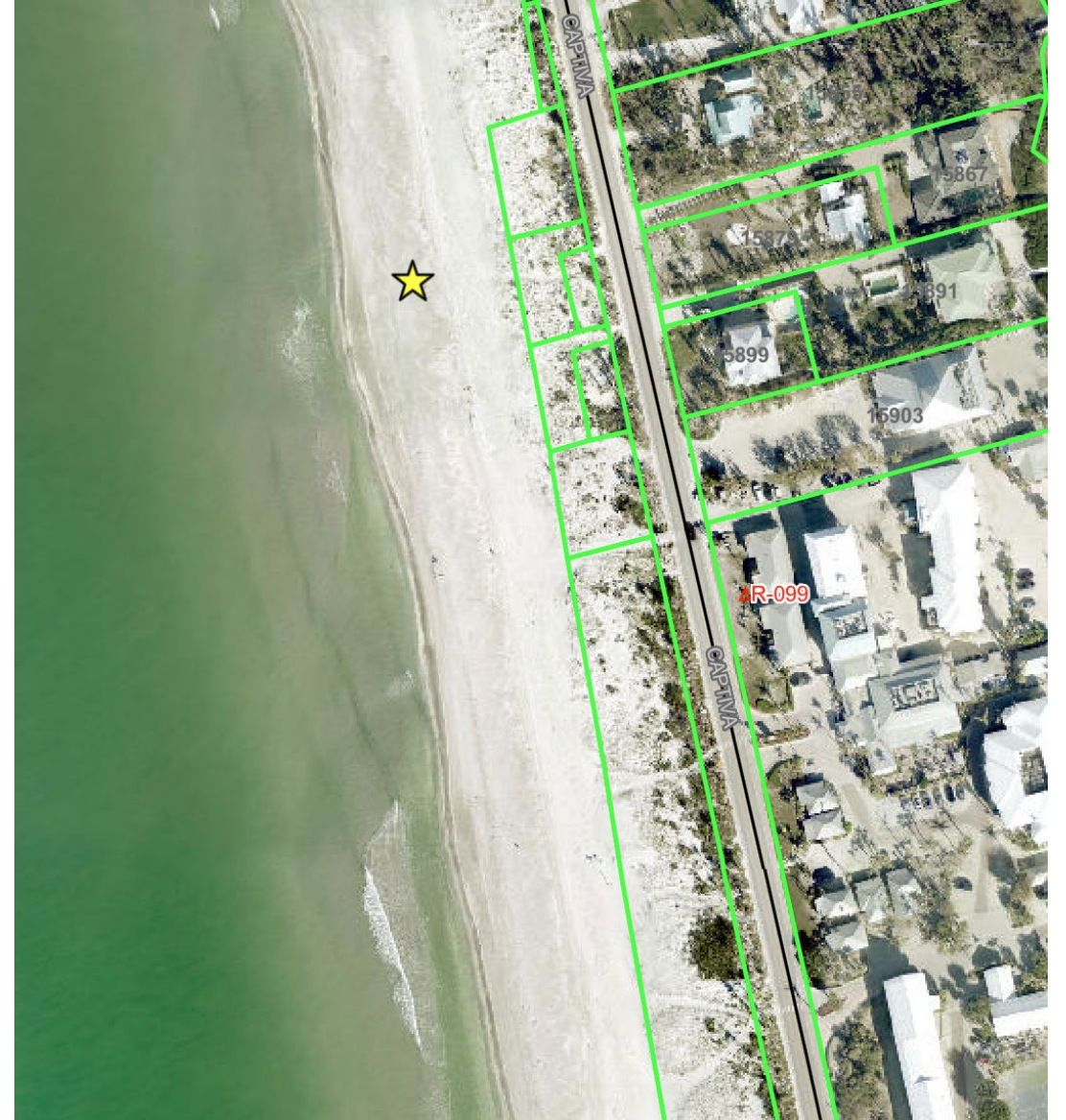


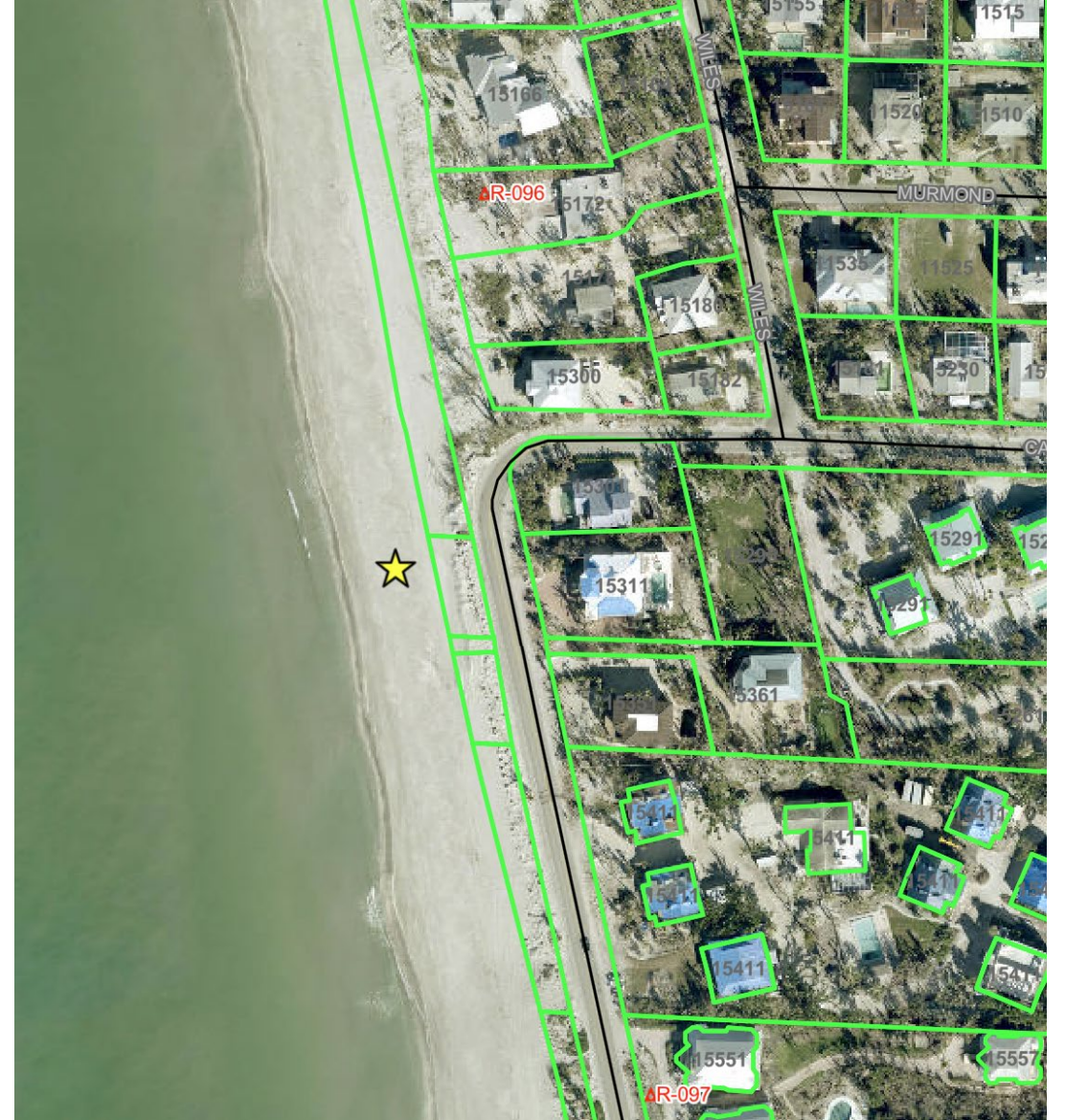


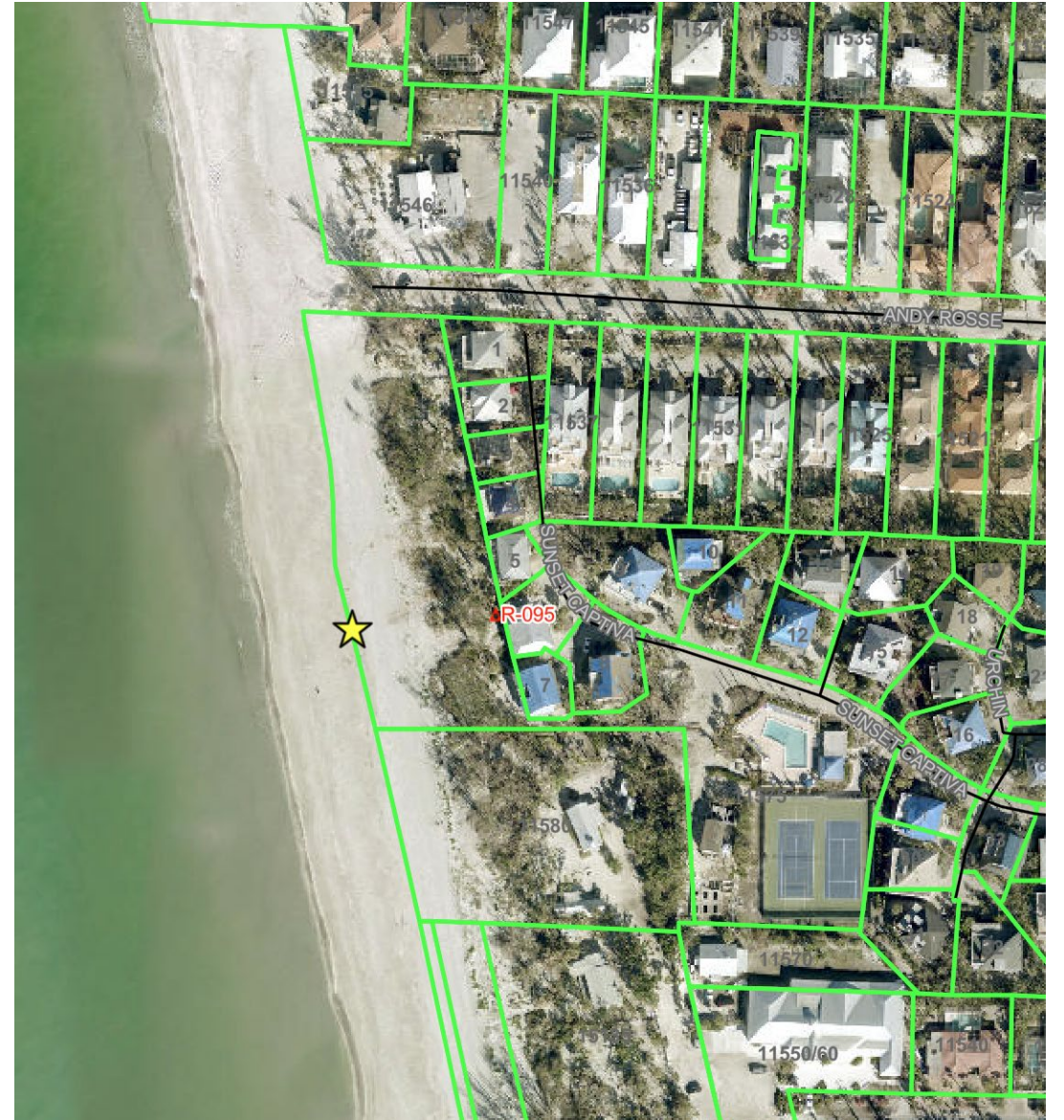


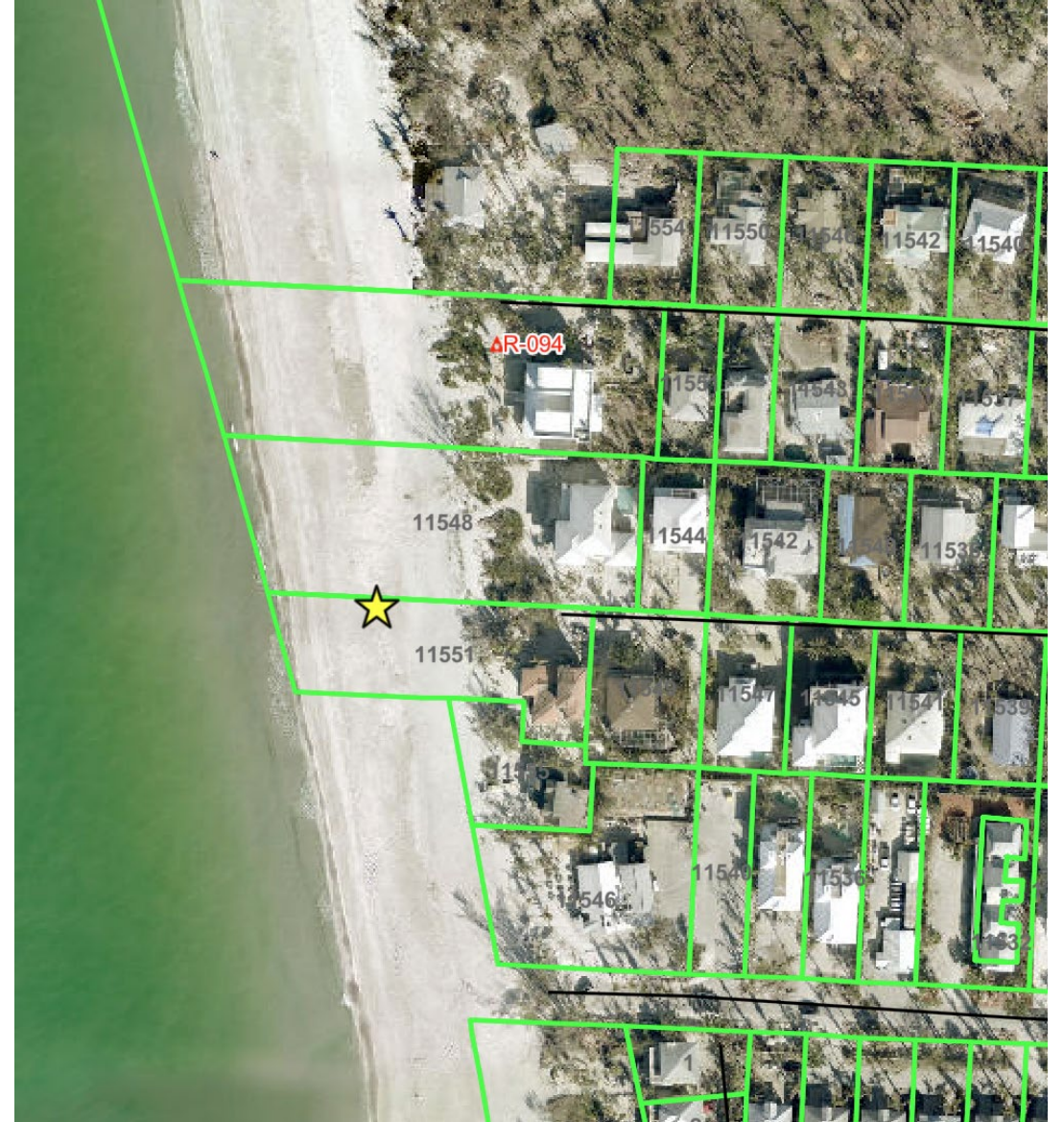






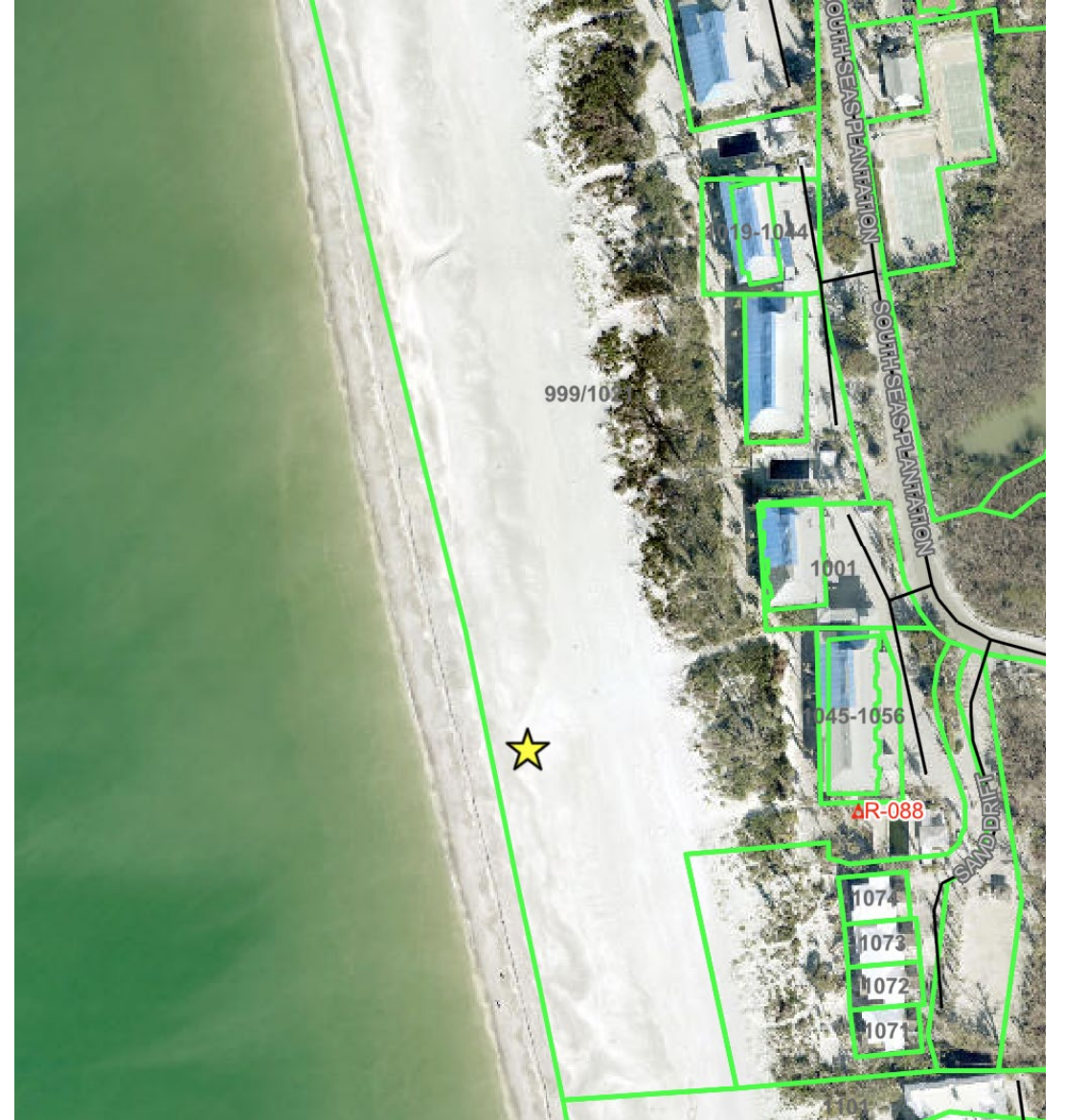
















Beach Nourishment Bids Received

Bid Alternative “A” (Oct1 – Dec 31, 2024)

Item	No	Units	GLDD Bid A		Weeks A	
			Unit Price	Subtotal	Unit Price	Subtotal
Mobilization/Demobilization	1	LS	\$ 12,500,000.00	\$ 12,500,000.00	\$ 7,275,000.00	\$ 7,275,000.00
Beach Tilling and Scarp Leveling	25,700	LF	\$ 1.50	\$ 38,550.00	\$ 5.00	\$ 128,500.00
Turbidity Monitoring	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 125,000.00	\$ 125,000.00
Dredging and Placement of Beach and Dune Fill	800,000	CY	\$ 20.75	\$ 16,600,000.00	\$ 24.00	\$ 19,200,000.00
Relocation Trawling Mobilization	1	LS	\$ 28,500.00	\$ 28,500.00	\$ 10,000.00	\$ 10,000.00
Sea Turtle Relocation Trawling	8	Days	\$ 5,000.00	\$ 40,000.00	\$ 8,500.00	\$ 68,000.00
Project Site Layout and Data Collection	1	LS	\$ 160,000.00	\$ 160,000.00	\$ 75,000.00	\$ 75,000.00
Sea Oat Planting	800,000	Ea	\$ 1.00	\$ 800,000.00	\$ 1.25	\$ 1,000,000.00
Screening to Remove Unacceptable Material	6,000	CY	\$ 20.00	\$ 120,000.00	\$ 20.00	\$ 120,000.00
Hauling and Removal of Unacceptable Material	600	CY	\$ 100.00	\$ 60,000.00	\$ 50.00	\$ 30,000.00
Remediation of Non-Compliant Material	1	Ac	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
Grand Total				\$ 30,472,050.00		\$ 28,056,500.00

***Variable quantities may be adjusted +/- 25%**

Bid Alternative “B” (Jan1 – Apr 30, 2025)

			Weeks B	
Item	No	Units	Unit Price	Subtotal
Mobilization/Demobilization	1	LS	\$ 7,275,000.00	\$ 7,275,000.00
Beach Tilling and Scarp Leveling	25,700	LF	\$ 5.00	\$ 128,500.00
Turbidity Monitoring	1	LS	\$ 125,000.00	\$ 125,000.00
Dredging and Placement of Beach and Dune Fill	800,000	CY	\$ 24.50	\$ 19,600,000.00
Relocation Trawling Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00
Sea Turtle Relocation Trawling	8	Days	\$ 8,500.00	\$ 68,000.00
Project Site Layout and Data Collection	1	LS	\$ 75,000.00	\$ 75,000.00
Sea Oat Planting	800,000	Ea	\$ 1.25	\$ 1,000,000.00
Screening to Remove Unacceptable Material	6,000	CY	\$ 20.00	\$ 120,000.00
Hauling and Removal of Unacceptable Material	600	CY	\$ 50.00	\$ 30,000.00
Remediation of Non-Compliant Material	1	Ac	\$ 25,000.00	\$ 25,000.00
Grand Total				\$ 28,456,500.00

***Variable quantities may be adjusted +/- 25%**

Bid Alternative “C” (May 1 – Oct 28, 2025)

Item	No	Units	GLDD C		Weeks C		Marinex Construction Inc C	
			Unit Price	Subtotal	Unit Price	Subtotal	Unit Price	Subtotal
Mobilization/Demobilization	1	LS	\$ 10,000,000.00	\$ 10,000,000.00	\$ 7,275,000.00	\$ 7,275,000.00	\$ 8,900,000.00	\$ 8,900,000.00
Beach Tilling and Scarp Leveling	25,700	LF	\$ 1.50	\$ 38,550.00	\$ 5.00	\$ 128,500.00	\$ 6.00	\$ 208,575.00
Turbidity Monitoring	1	LS	\$ 90,000.00	\$ 90,000.00	\$ 125,000.00	\$ 125,000.00	\$ 250,000.00	\$ 250,000.00
Dredging and Placement of Beach and Dune Fill	800,000	CY	\$ 19.15	\$ 15,320,000.00	\$ 22.50	\$ 18,000,000.00	\$ 30.45	\$ 24,360,000.00
Relocation Trawling Mobilization	1	LS	\$ 28,500.00	\$ 28,500.00	\$ 10,000.00	\$ 10,000.00	\$ 42,000.00	\$ 42,000.00
Sea Turtle Relocation Trawling	8	Days	\$ 5,000.00	\$ 40,000.00	\$ 8,500.00	\$ 68,000.00	\$ 7,200.00	\$ 57,600.00
Project Site Layout and Data Collection	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00	\$ 85,000.00	\$ 85,000.00
Sea Oat Planting	800,000	Ea	\$ 1.00	\$ 800,000.00	\$ 1.25	\$ 1,000,000.00	\$ 1.25	\$ 1,000,000.00
Screening to Remove Unacceptable Material	6,000	CY	\$ 20.00	\$ 120,000.00	\$ 20.00	\$ 120,000.00	\$ 25.00	\$ 150,000.00
Hauling and Removal of Unacceptable Material	600	CY	\$ 100.00	\$ 60,000.00	\$ 50.00	\$ 30,000.00	\$ 265.00	\$ 159,000.00
Remediation of Non-Compliant Material	1	Ac	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 66,000.00	\$ 66,000.00
Grand Total				\$ 26,672,050.00		\$ 26,856,500.00		\$ 35,278,175.00

***Variable quantities may be adjusted +/- 25%**

****This Bid Window Will Also Incur Costs
Associated to Sea Turtle Relocation**