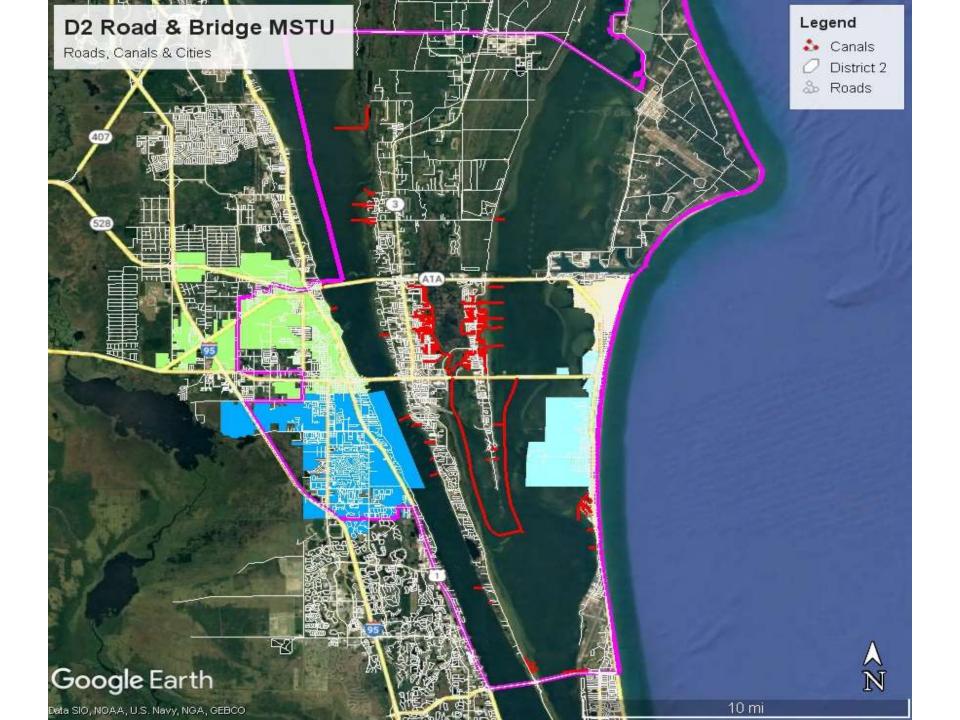
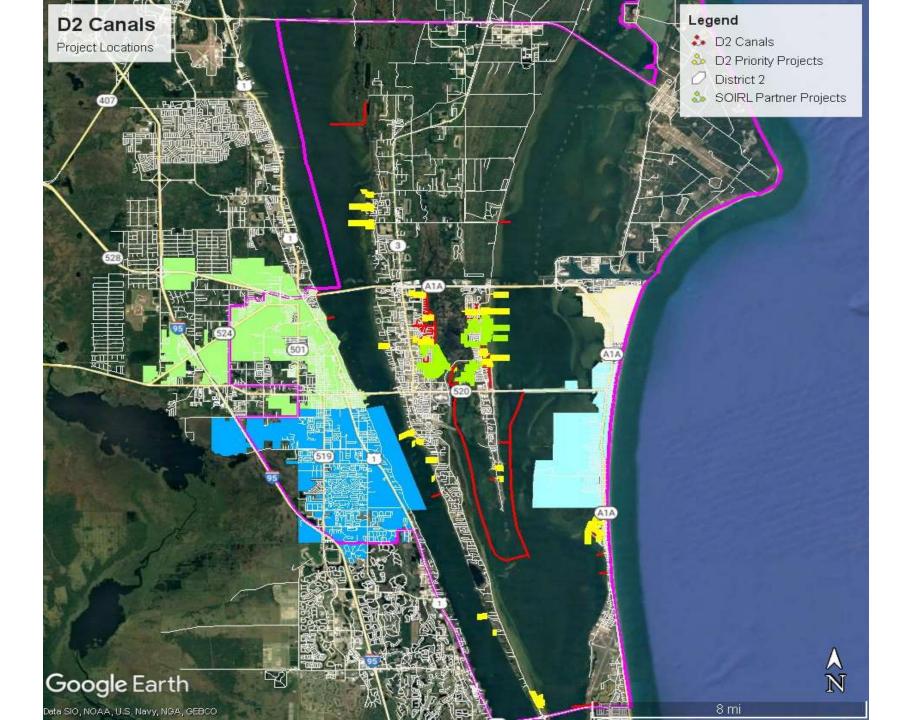
# **D2 Canal Maintenance Dredging**

- Program Funding Summary
- MSTU Collection Area Roads & Canals
- Maintenance Dredging Needs
- Maintenance Dredging Prioritization
- Maintenance Dredging Progress
- Cost Estimates
- Funding Opportunities

# **D2 Funding Summary**

- D2 Dredging needs have been prioritized into clusters (Areas 0-12)
- \$164,000 Avg. Yearly MSTU Allocation
- \$560,000 in Accumulated Funds Available in FY23/24
- \$2.1M Cost Estimate for Current Project (Area 3)
- \$20.2M Projected Cost for Project Areas 4-12
  - Does not account for inflation
  - Multiple permits required over multi-year timeframe
- \$34M in SOIRL/Grant Funds Leveraged for D2 Projects
  - Sykes Creek (Area 0) & MI Canals (Area 2)
- Area 1 was completed in 2020 for \$345,000 (permits/construction)





#### 2017/2018 Prioritization Schedule

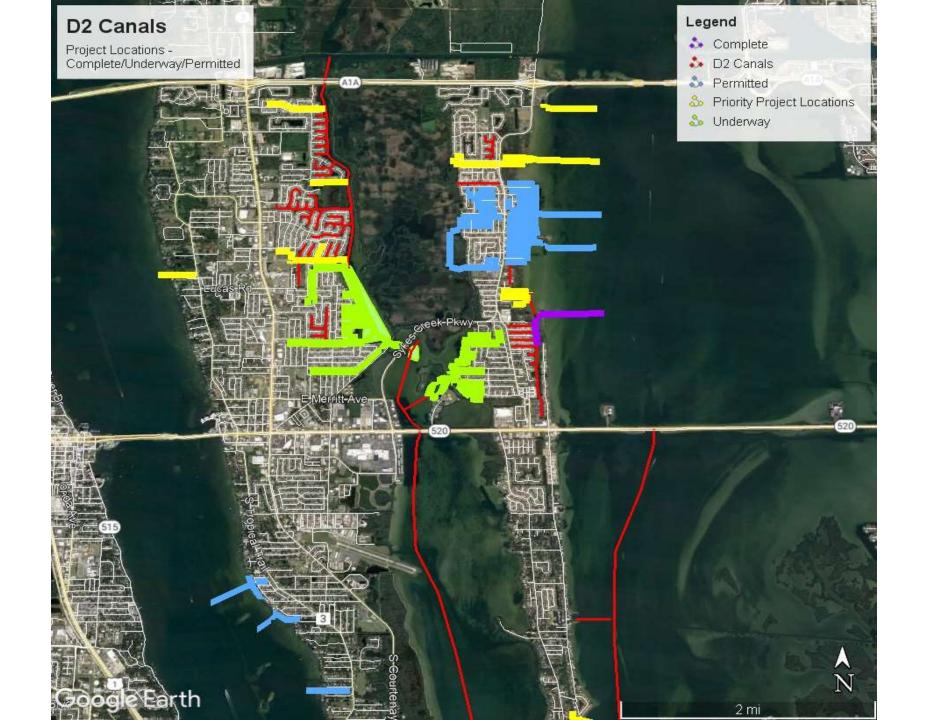
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Cluster Rank	Street/Canal Name	Canal Segment Soundings Under 5ft	Canal Segment Length (Ft)	Canal Length Per Sounding Under 5ft	Number of Homes Served/ Ramp Parking Spaces	Public Access	Status
0	Sykes Creek Area (21 Canals)	Legisl	ative Appropriatio	n for Muck Removal mat	tched by SOIRL Funds	Underway	
1	Pelican Creek Entrance	12	2940	245	304	No	Complete
1	North/South Pelican Creek Connector	23	3898	169	248	No	Complete
1	Morningside Drive	4	823	206	23	No	Complete
2	Coquina Drive	113	833	7	30	No	Permitted
2	N.Larchmont	14	636	45	17	No	Permitted
2	East Central Channel Entrance	11	3593	327	236	No	Permitted
2	Shore Drive Channel	9	3632	404	80	No	Permitted
2	North/South Central Connector	5	1959	392	0	No	Permitted
2	S.Larchmont	3	522	174	32	No	Permitted
2	East Riviera	2	1129	565	23	No	Permitted
2	East Central	2	545	273	25	No	Permitted
2	Bayside Street	2	1276	638	21	No	Permitted
2	South Harbor Drive	1	535	535	20	No	Permitted
2	Wavecrest	1	3018	3018	22	No	Permitted
2	Seashell Drive	1	7146	7146	22	No	Permitted
2	Central/Angler	24	932	39	144	No	Permitted
2	Farrington/Sunrise	2	1132	566	47	No	Permitted
2	Manatee/Porpoise Court	1	630	630	20	No	Permitted
3	Riverside Channel	46	620	13	53	No	Permitted
3	Rivers Edge	39	968	25	13	No	Permitted
3	Footman Landing	31	1457	47	17	No	Permitted
3	South Merritt Estates	2	899	450	0	No	Permitted

#### 2017/2018 Prioritization Schedule

Januar	2018

Cluster Rank	Street/Canal Name	Canal Segment Soundings Under 5ft Canal Segment Length (Ft)		Canal Length Per Sounding Under 5ft	Number of Homes Served/ Ramp Parking Spaces	Public Access	Status
4	Sandpiper	41	28514	695	331	No	On Hold
4	Kelly Park	16	1171	73	58	Yes	On Hold
4	Girard	4	1076	269	134	No	On Hold
5	South Banyan Isles	41	1217	30	26	No	On Hold
6	Timuquana	9	1900	211	. 12	No	On Hold
7	11th Street Basin	26	886	34	39	No	On Hold
7	Bayshore Basin	8	584	73	43	No	On Hold
7	Snug Harbor Main	6	3510	585	115	No	On Hold
7	Indian Village Trail	2	528	264	22	No	On Hold
8	Gail's Way	38	1381	36	26	No	On Hold
8	Treasure Lagoon/Manatee Cove	35	961	27	6	Yes	On Hold
8	Indian Bay	22	3173	144	48	No	On Hold
9	Sykes Creek Drive	14	4068	291	. 20	No	On Hold
9	Winar Drive	3	608	203	8	No	On Hold
9	Taurus Court	1	1253	1253	24	No	On Hold
9	Diana Shores Main South	1	1686	1686	37	No	On Hold
9	Via Havarre	1	1877	1877	69	No	On Hold
10	Harbor Point	6	3547	591	. 20	No	On Hold
10	Schooner Drive	5	502	100	11	No	On Hold
11	Utopia Circle	10	554	55	29	No	On Hold
11	Tequesta Harbor Drive	10	1155	116	28	No	On Hold
12	Sun Point Place	17	1316	77	11	No	On Hold
12	Carmen Street	6	1824	304	1	No	On Hold
12	Yount Drive	2	981	491	. 14	No	On Hold

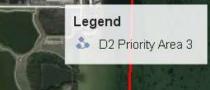


## Project Priority Area 2 : East Central Navigational Dredging Project Area



### D2 Priority Project Area 3

3 Canal/Channel Areas - 19,900 CY \$2,100,000 Engineer's Estimatated Cost



Ν

4000 ft

and the second

Google Earth

## PROJECTED COSTS Project Areas 4-12

Legend

D2 Canals District 2

Roads

Project Areas 4-12

Project Area 3 3 Canal/Channel Areas – \$2.1M \$700,000 per Area – construction cost

Project Areas 4-12 24 Canal/Channel Areas 24 X \$700,000 = \$16.8 M Permitting 10% of construction cost Contingency of 10% Total Projected Cost = <u>20.16M</u>

 $\square 2$ 

Including Project Area 3 Total Project Cost = \$22.26M

### Google Earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

### Boating, Water & Land Acquisition Grants

Project	Grant & Application Date										
	FIND (Jan)	FBIP (Feb)	BIGP (June)	FRDAP (Sept)	FCT (May)	CPI (Sept)	TDC (June)	MDP (July)	SOIRL (Sept)	IRL/DEP (Aug)	MSBU (open)
DV Removal	X*	X					X	X			
Markers	X	X	X								
Mooring Field	X	X	X								
Marinas	X										
Platforms/Docks	X	X	X	X							
Derelict Pilings								X			
Ramps	X	X		X		small (canoe)					
Kiosks	X					X	X				
Spoil Islands	X*										
Artificial Reefs											
Land Acquisition	trailer parking			X	X	X			Spoll Mgmt		
Waterfront Initiatives		X				X				X	
Boater Outreach/Ed.		X				X	x	X			
Dredging	Nav. Channels		Initial						Muck Projects	X	Х
Waterfront Walks	X			X		X					
Pump-Outs			X				X				
Other	X	X	X	X		X	X		X	Х	
Match Required	50% match	variable match	25% match	<50K no match	25% match	50% match	<50K no match	50% match	must meet N removal	variable match	Loan (10-yr)
indian i soquiloù	* variable match		Vessels>26	>50K variable	Lo re matori	15K - 50K	>50K variable	Sere manual	requirements	restoration	Owner Funded

FIND, Florida Inland Navigation District

FBIP, Florida Boating Improvement Program (FWC)

BIGP, Boating Infrastructure Grant Program (FWC)

FRDAP, Florida Recreation Development Assistance Program (FDEP)

FCT, Florida Communities Trust (DCA)

CPI, Coastal Partnership Initiative (DEP/NOAA)

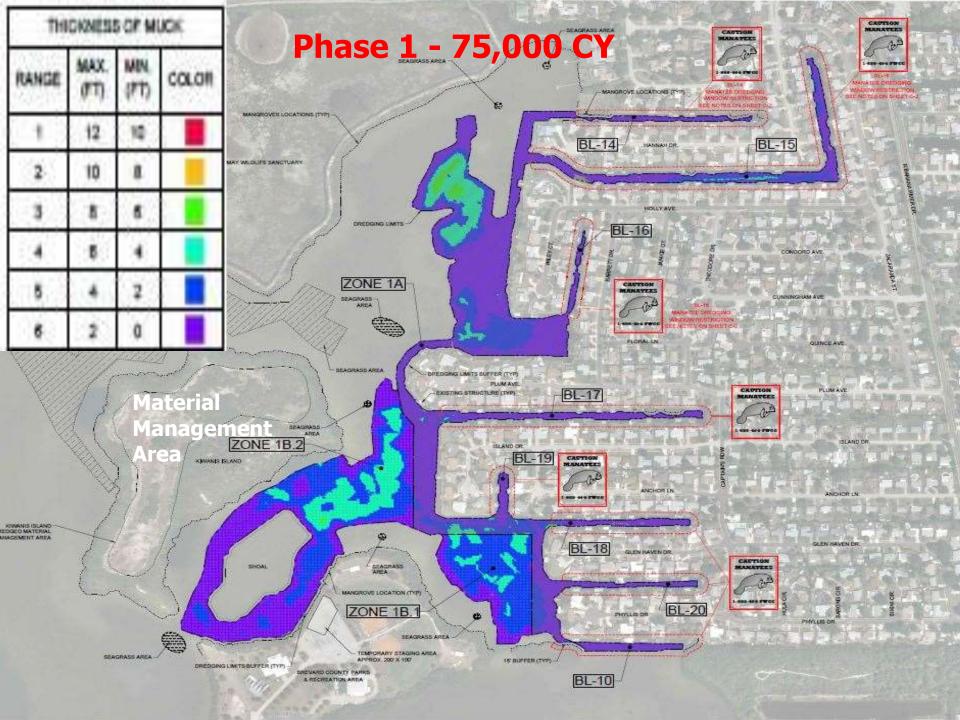
MDP, NOAA Marine Debris Program

TDC, Tourism Develoment Council - IRL Grants

MSBU, Municipal Service Benefit Unit - County loan approved by 66.6% of those receiving the Improvement

FY19	FY20	FY21	FY22	FY23	Average	
\$ 146,640	\$ 155,421	\$ 159,162	\$ 162,872	\$ 170,213	\$ 164,082	
Yearly Increase	\$ 8,781	\$ 3,741	\$ 3,710	\$ 7,341	<mark>\$ 4,931</mark>	







## Sykes Creek Phase 1

# Material Management Area

Jan 2023





