

Meeting Date
February 6, 2018



AGENDA	
Section	Consent
Item No.	II. A. 1

AGENDA REPORT
 BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	District 2 Canal Dredging Committee, Prioritization of Canal Maintenance Dredging Projects in District 2
DEPT/OFFICE:	Natural Resources Management Department (NRM)

Requested Action:

It is requested that the Board: 1) review and approve the recommendations of the District 2 Canal Dredging Committee; 2) authorize design, permitting and construction services for prioritized maintenance dredging activities within the District; 3) authorize the County Manager or designee to execute task orders, contracts, agreements and change orders, as required and in excess of \$100,000.00, to accomplish the work; 4) authorize associated BCRs.

Summary Explanation & Background:

Originally established by the Board on April 4, 1995, the District 2 Canal Dredging Committee was created to provide advice and guidance to the Board of County Commissioners regarding the identification, prioritization and scheduling of canal and channel maintenance dredging projects in District 2. The Committee is comprised of seven (7) members residing in District 2 that have an interest and education in this subject. Committee Members serve for a period of four years.

On December 16, 2008, the Board adopted Resolution No. 08-324 terminating the District 2 Canal Dredging Committee due to the dedication of funding through fiscal year 2012 to repay debt incurred to complete several dredging projects, with the provision that the Committee be reestablished once the debt was repaid. The District 2 Canal Dredging Committee was re-established by the Board on April 30, 2013, after the prior debt was repaid. The D2 Committee has been meeting regularly since re-establishment to develop an up-to-date prioritization schedule for maintenance dredging within District 2. Among numerous ranking factors, the Committee evaluated recent waterway survey information, the number of homes served by specific canal and channel segments, and the extent of previous permits. The activities of the Committee were vetted through the District 2 Commission Office and the prioritization recommendations of that Committee are presented here as Exhibit A.

The overall goal of the D2 maintenance dredging projects is to provide District residents clear and safe waterways with access to and from their homes and the District's public access points. Where practical, these projects will be coordinated with regional muck removal projects to maximize cost-effectiveness and work to improve the water quality of the Indian River Lagoon.

Staff requests that the Board review and approve the prioritization schedule developed by the District 2 Canal Dredging Committee; authorize design, permitting and construction services for prioritized maintenance dredging activities; authorize the County Manager or designee to execute task orders, contracts, agreements and change orders, as required and in excess of \$100,000.00 to accomplish the work; and authorize the associated BCRs.

Fiscal Impact:

FY 18/19 - Approximately \$142,766,000 annually. Fund 1138
 FY 19/20 - Approximately \$142,766,000 annually. Fund 1138

Name: Virginia Barker, Director, Natural Resources Management Department, x52016

Clerk to the Board Instructions: none

Exhibits Attached: Maintenance Dredging Prioritization Schedule

Contract /Agreement (If attached):		Reviewed by County Attorney	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<input checked="" type="checkbox"/> PR <input type="checkbox"/>
County Manager	Assistant County Manager	Department Director / Extension			
Frank Abbate	John Denninghoff	Virginia Barker Virginia Barker, NRM/ext. 52016			



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February 7, 2018

M E M O R A N D U M

TO: Virginia Barker, Natural Resources Management Director

RE: Item II.A.1., District 2 Canal Dredging Committee's Prioritization of Canal Maintenance Dredging Projects

The Board of County Commissioners, in regular session on February 6, 2018, reviewed and approved the recommendations of the District 2 Canal Dredging Committee; authorized design, permitting, and construction services for prioritized maintenance dredging activities within the District; authorized the County Manager, or his designee, to execute task orders, contracts, agreements, and change orders, as required and in excess of \$100,000, to accomplish the work; and authorized associated Budget Change Requests.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Rowe, Deputy Clerk

cc: Finance
Budget

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
1	Pelican Creek Entrance	12	2940	245	304	No
1	North/South Pelican Creek Connector	23	3898	169	248	No
1	Morningside Drive	4	823	206	23	No
2	Coquina Drive	113	833	7	30	No
2	N.Larchmont	14	636	45	17	No
2	East Central Channel Entrance	11	3593	327	236	No
2	Shore Drive Channel	9	3632	404	80	No
2	North/South Central Connector	5	1959	392	0	No
2	S.Larchmont	3	522	174	32	No
2	East Riviera	2	1129	565	23	No
2	East Central	2	545	273	25	No
2	Bayside Street	2	1276	638	21	No
2	South Harbor Drive	1	535	535	20	No
2	Wavecrest	1	3018	3018	22	No
2	Seashell Drive	1	7146	7146	22	No
2	Central/Angler	24	932	39	144	No
2	Farrington/Sunrise	2	1132	566	47	No
2	Manatee/Porpoise Court	1	630	630	20	No
3	Riverside Channel	46	620	13	53	No
3	Rivers Edge	39	968	25	13	No
3	Footman Landing	31	1457	47	17	No
3	South Merritt Estates	2	899	450	0	No
4	Sandpiper	41	28514	695	331	No
4	Kelly Park	16	1171	73	58	Yes
4	Girard	4	1076	269	134	No
5	South Banyan Isles	41	1217	30	26	No
6	Timuquana	9	1900	211	12	No
7	11th Street Basin	26	886	34	39	No
7	Bayshore Basin	8	584	73	43	No
7	Snug Harbor Main	6	3510	585	115	No
7	Indian Village Trail	2	528	264	22	No
8	Gail's Way	38	1381	36	26	No

2017/2018 Prioritization Schedule

January 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
8	Treasure Lagoon/Manatee Cove	35	961	27	6	Yes
8	Indian Bay	22	3173	144	48	No
9	Sykes Creek Drive	14	4068	291	20	No
9	Winar Drive	3	608	203	8	No
9	Taurus Court	1	1253	1253	24	No
9	Diana Shores Main South	1	1686	1686	37	No
9	Via Havarre	1	1877	1877	69	No
10	Harbor Point	6	3547	591	20	No
10	Schooner Drive	5	502	100	11	No
11	Utopia Circle	10	554	55	29	No
11	Tequesta Harbor Drive	10	1155	116	28	No
12	Sun Point Place	17	1316	77	11	No
12	Carmen Street	6	1824	304	1	No
12	Yount Drive	2	981	491	14	No