



**Beach Preservation Ad Hoc Committee
9:00 a.m., Friday, February 16, 2024
City Hall Council Chambers
1207 Palm Boulevard, Isle of Palms, SC 29451**

Agenda

1. Call to order and acknowledgement that the press and the public have been duly notified of this meeting in accordance with the Freedom of Information Act
2. Approval of previous meeting minutes- February 9th, 2024
3. Review of Beach Preservation Fee Fund
4. Discussion of beach funding needs
5. Next steps
6. Adjournment



Beach Preservation Ad Hoc Committee Meeting
Friday, February 9, 2024, 9:00am
1207 Palm Boulevard, Isle of Palms, SC and
broadcasted live on YouTube: <https://www.youtube.com/user/cityofisleofpalms>

MINUTES

Present: Cindy Solomon, Dan Slotchiver, Andrew Vega, Tim Ahmuty, Council members Pierce, Miars, and Campsen, Mayor Pounds, Administrator Fragoso, Director Kerr, Stephen Traynum

After introduction, Mayor Pounds restated the goals of the Committee: review beach restoration policies and practices and provide recommendations; develop recommendations for a more proactive response to beach erosion; and develop recommendations for new, consistent, and sustainable funding mechanisms to fund future needs and projects.

Director Kerr reviewed the beachfront jurisdictional and setback lines. He said the baseline, last set in 2018, is set every 7-10 years. Mr. Traynum added more details as to how OCRM sets the baseline and how it changes due to storm and or erosion activity.

Mr. Traynum then gave an overview of the City's beach preservation efforts since 1983 as well as the effects of the natural processes of erosion and accretion during that period. He stated that the past decade has seen more named storms that have affected the South Carolina coastline. In addition, the sea level has risen 5"-6" over the last 10-15 years. He said the island has lost more than a half million yards of sand over the past year, which is more than the previous 12 years. He shared how large-scale beach renourishment projects are considered.

Council Member Pierce asked if the City could be more proactive in the permitting process for future projects. Mr. Traynum said conversations about the next large-scale project are already underway. He said there does not need to be a need for renourishment to apply for a permit. He added, "The way we typically approach a project like that is to have triggers in place in the permit that would only allow the work to be completed should the beach reach a certain condition. So it kind of gives them some certainty that we're not just going to go move sand around for the heck of it. It is actually needed."

Mr. Traynum then reviewed the recent (2021-present) erosion activity in and around Breach Inlet. He shared that the low bidder for the Army Corps' project is currently working in Murrell's Inlet. He is unsure if they will need to complete that project prior to starting work at the Isle of Palms. If they must finish their work at Murrell's Inlet first, then the project on the Isle of Palms will be delayed for another month or two.

Committee members discussed who they would like to hear from and what they would like to discuss in future meetings. Administrator Fragoso said she would like to discuss “what we could pursue quicker today concurrently hopefully with the Army Corps’ project so that we are in a position to be able to execute a project” should the Army Corps’ project not last as long as expected.

Mr. Traynum shared, “A couple of years ago, we knew that for this next round of permitting, a large-scale project, we wanted to have an area where we focused on the south end, whether it needed it or not. So we had already kind of outlined what work would need to be done for identifying a new borrow area that was closer to the south end of the island. Right now, it is feasible to use the borrow areas that we know about on the east end of the island should we have the SHPO coordination we need. But it would be much more economical if there was a new borrow area further south. So part of our work we are doing is going to be looking at the opportunities for sand there, which would also require a lot of coordination with SHPO. So any permanent application that we have for nourishment would include both ends of the island regardless of really the sand source, and we actually did that on the last permit we had, too. We had a fill option for the south end if the condition hadn’t restored itself before the project was done, but the accretion kind of was going on there.”

He also suggested the option of installing a terminal groin but added that requires a lot of analysis and a renourishment project. He said dredging the inlet is not a good option because of the cost of mobilization and the lack of guarantee of the sand staying on the beach.

Council Member Pierce asked what, if anything, the City could do to protect the homeowners from 314 Ocean to 8th Avenue should the Army Corps’ project be delayed. Mr. Traynum said there is little that can be done other than sand scraping, trucking in sand, and adding sandbags.

Committee members would like to hear from someone at OCRM and to discuss the City’s finances with regards to beach preservation.

The Committee agreed to meet weekly on Friday mornings and taper off to every other week as needed.

The meeting was adjourned at 10:15am.

Respectfully submitted,

Nicole DeNeane
City Clerk

City of Isle of Palms Tourism and Local Options Sales Tax Revenues

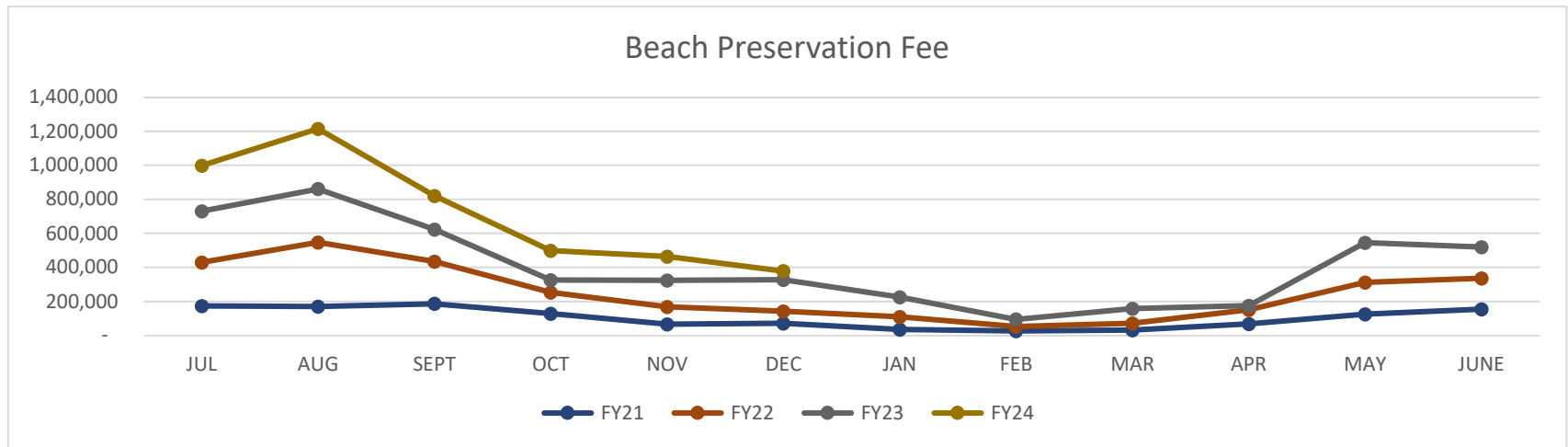
Beach Preservation Fee		(1% of Accommodation Sales)					
	FY18	FY19	FY20	FY21	FY22	FY23	FY24
JUL	192,666	199,724	195,287	172,336	256,308	301,674	269,304
AUG	181,842	209,600	213,067	169,596	378,001	314,397	353,373
SEPT	157,274	152,535	152,561	186,938	248,118	187,966	196,701
OCT	75,353	79,534	75,506	129,033	124,372	72,522	172,495
NOV	64,256	63,444	65,882	66,090	102,229	154,713	140,390
DEC	32,877	40,182	34,301	71,683	70,478	185,019	51,584
JAN	28,859	25,836	32,335	34,025	75,503	115,313	-
FEB	18,317	13,666	18,596	26,709	25,613	42,912	-
MAR	21,562	19,983	9,690	31,080	39,938	86,414	-
APR	53,213	53,685	26,422	68,055	82,759	24,152	-
MAY	88,875	90,800	7,181	125,288	186,478	233,832	-
JUNE	94,112	97,999	55,311	153,337	183,011	183,028	-
Deduct last July	(139,501)	(199,724)	(195,287)	(172,336)	(256,308)	(301,674)	(269,304)
Add next July	199,724	195,287	172,336	256,308	301,674	269,304	-
Total Fiscal Year	1,069,429	1,042,551	863,187	1,318,141	1,818,174	1,869,571	914,543

Heads in
Beds in

JUN
JUL
AUG
SEPT
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY

JUN

Incr from FY17 10%	Incr from FY18 -3%	Incr from FY19 -17%	Incr from FY20 53%	Incr from FY21 38%	Incr from FY22 3%	Incr from FY23 -3%
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	A	D	E	F	G	I	J	K	L	M	N	O	P	Q
1	City of Isle of Palms 10-Year Capital Plan													
2	Expenditures for assets or projects > \$5000 **Expenditures less than \$5,000 are included in operating budgets**													
3														
4														
5	Fleet													
6	Count													
7														
8														
279	Beach Maintenance, Monitoring and Access													
280														
281	<i>Capital Purchases or Projects</i>													
282	Repl/repair/add dune walkovers (approx 57 accesses)(Funded by FY24 State budget allocation (SCPRT) of \$500K)			500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
283	Improve emergency vehicular access at IOP County Park			250,000										
284	Mobi Mat/Access Rec material for beach accesses as needed			35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
285				785,000	285,000	285,000	285,000	285,000	285,000	285,000	285,000	285,000	285,000	285,000
286	<i>Beach Maintenance</i>													
287	Design & permitting related to next large scale off-shore project					475,000								
288	USACE Breach Inlet Project (Construction start March 2024)			400,000										
289	Construction of next large scale project Breach Inlet					13,000,000								
290	Construction of next large scale project Wild Dunes (rough estimate of City's contribution - 25%, cost shared with WDCA)					3,750,000								
291	Update Beach Management Plan					25,000								
292	Shoal Management Wild Dunes (Cost shared with WDCA)			750,000										
293	Shoal Management Breach Inlet			350,000										
294	Sea Level Rise Adaptation Plan													
295	Required post project monitoring (FY24 is last year)													
296	Ongoing monitoring of shoreline			60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
297				1,560,000	60,000	17,285,000	85,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
298														
299	Grand Total Beach Restoration and Monitoring			2,345,000	345,000	17,570,000	370,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000
300														
301														

City of Isle of Palms

BEACH RESTORATION PROJECT FUNDING

	2008		2018		Total	% of Total
City of Isle of Palms	1,900,000	18%	2,066,009	14%	3,966,009	16%
Private Contributions	7,108,000	67%	5,390,081	37%	12,498,081	50%
Charleston County	900,000	8%	-	0%	900,000	4%
State of South Carolina	670,593	6%	3,990,246	27%	4,660,839	19%
FEMA	-	0%	3,022,928	21%	3,022,928	12%
Interest earned	72,341	1%	69,108	0%	141,449	1%
	10,650,934		14,538,372		25,189,306	100%

Hurricane Matthew - Sandscraping Project -2016

15,447 cy sand \$ 156,761
6319 LF of berm restored

Hurricane Irma - Emergency Berm Restoration 2017

9850 LF of berm restored \$ 247,000