

**NOTICE OF SHORELINE TASK FORCE REGULAR MEETING
CITY OF SOUTH PADRE ISLAND**

TUESDAY, AUGUST 11, 2020

3:00 PM 4601 PADRE BOULEVARD SOUTH PADRE ISLAND, TX 78597

1. Call to Order

2. Pledge of Allegiance

3. Public Comments and Announcements

This is an opportunity for citizens to speak to Council relating to agenda or non-agenda items. Speakers are required to address Council at the podium and give their name before addressing their concerns. [Note: State law will not permit the City Council to discuss, debate or consider items that are not on the agenda. Citizen comments may be referred to City Staff or may be placed on the agenda of a future City Council meeting]

4. Regular Agenda

- 4.1. Approval of the minutes from the special meeting on July 15, 2020. (Hughston)
- 4.2. Update on the beach during and after Hurricane Hanna. (Guillot, Boburka, Hughston)
- 4.3. Update, discussion, and possible recommendation to City Council regarding the current emergency order on beach operations and Chapter 13 Sections 23 through 24 of the City's Code of Ordinances. (Nixon)

5. Adjourn

NOTE:

One or more members of the City of South Padre Island City Council may attend this meeting; if so, this statement satisfies the requirements of the OPEN MEETINGS ACT.

DATED AUGUST 7, 2020

Angelique Soto, City Secretary

I, THE UNDERSIGNED AUTHORITY, DO HEREBY CERTIFY THAT THE ABOVE NOTICE OF MEETING OF THE SHORELINE TASK FORCE OF THE CITY OF SOUTH PADRE ISLAND, TEXAS IS A TRUE AND CORRECT COPY OF SAID NOTICE AND THAT I POSTED A TRUE AND CORRECT COPY OF SAID NOTICE ON THE BULLETIN BOARD AT CITY HALL/MUNICIPAL BUILDING ON **AUGUST 7, 2020**, AT/OR BEFORE 3:00 PM AND REMAINED SO POSTED CONTINUOUSLY FOR AT LEAST 72 HOURS PRECEDING THE SCHEDULED TIME OF SAID MEETING.

Angelique Soto, City Secretary

Agenda: AUGUST 11, 2020

THIS FACILITY IS WHEELCHAIR ACCESSIBLE, AND ACCESSIBLE PARKING SPACES ARE AVAILABLE. REQUESTS FOR ACCOMMODATIONS OR INTERPRETIVE SERVICES MUST BE MADE 48 HOURS PRIOR TO THIS MEETING. PLEASE CONTACT BUILDING OFFICIAL, BELINDA TARVER AT (956)761-8103.

**CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM**

MEETING DATE: August 11, 2020

NAME & TITLE: Kristina Boburka, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Approval of the minutes from the special meeting on July 15, 2020. (Hughston)

ITEM BACKGROUND

App

BUDGET/FINANCIAL SUMMARY

N/A

COMPREHENSIVE PLAN GOAL

Chapter III. Parks and Resources

GOAL 1: The City shall ensure protection and conservation of natural resources, such as beaches, dunes, wetlands, Laguna Madre waterfront and native flora and fauna, allowing for their sustainable use and enjoyment by future generations.

Objective 1.1 Beach and dunes shall be protected from both natural and artificial erosion.

LEGAL REVIEW

Sent to Legal:

Approved by Legal:

RECOMMENDATIONS/COMMENTS:

**MINUTES OF SPECIAL MEETING
CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE**

WEDNESDAY, July 15th, 2020

I. CALL TO ORDER.

The Shoreline Task Force of the City of South Padre Island, Texas held a special meeting on, July 15th, 2020, at the Municipal Complex Building, 2nd Floor, 4601 Padre Boulevard, South Padre Island Texas. Chairman Virginia Guillot called the meeting to order at 2:30 p.m. A quorum was present with Task Force Chairman Virginia Guillot and Task Force Members Stormy Wall, Abbie Mahan, Robert Nixon, Norma Trevino, and Michael Sularz.

City Council Members Ken Medders and Kerry Schwartz were present along with the following City staff members: City Manager Randy Smith, Shoreline Director Kristina Boburka, and Shoreline Grant and Special Projects Administrator Erika Hughston.

II. PLEDGE OF ALLEGIANCE.

Chairman Virginia Guillot led the Pledge of Allegiance.

III. PUBLIC COMMENTS AND ANNOUNCEMENTS:

Linda Caballero asked the Task Force to reconsider the EDC contract that the Birding Center has put together, and include fair pricing for all agencies.

IV. REGULAR AGENDA

I. APPROVAL OF THE June 9th, 2020 REGULAR MEETING MINUTES.

Task Force Member Wall made a motion, seconded by Task Force Member Sularz to approve the regular meeting minutes as submitted. Motion carried unanimously.

II. DISCUSSION AND ACTION TO CANCEL OR RESCHEDULE THE JULY 28TH, 2020 REGULAR MEETING.

Task Force Member Guillot made a motion to cancel the regular meeting on July 28, 2020, seconded by Task Force Member Sularz. Motion passed unanimously.

III. DISCUSSION AND POSSIBLE ACTION ON BLUE FLAG PROGRAM.

Task Force Member Robert Nixon indicated that the Blue Flag Program (BFP) offers an international standing for preservation of resources and could put South Padre Island beaches at a higher prestige. Task Force Member Wall asked for input on why a beach community would follow the regulations put in place by the Blue Flag Program. Task Force Member Norma Trevino offered to get a year in preparation to meet BFP standards to offer quality above all else. Task Force Member Sularz noted that the BFP requires two committees in which to meet requirements. Task Force Member Mahan pointed out the list of guidelines and requirements were a bit extreme in one example being that dogs are not allowed on the beach, then requested the BFP be tabled for further discussion, seconded by Task Force Member Trevino. Motion passed unanimously.

IV. UPDATE ON SHORELINE DEPARTMENT PROJECTS.

Shoreline Director Kristina Boburka gave an update report on the following projects. The Regional Sediment Management Plan, Beneficial Use of Dredge Material, Particle Tracing Study, Annual Beach Surveys, Code of Ordinances Chapter 22, RESTORE Act, Texas Parks and Wildlife Department Boating Grant, Tompkins Channel, Sunset Beach Access, and Coastal Management Plan Cycle 24 White Sands Street.

V. ADJOURNMENT.

There being no further business, Chairman Guillot adjourned the meeting at 3:09 p.m.

Erika Hughston, Shoreline GSPA

Virginia Guillot, Chairman

**CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM**

MEETING DATE: August 11, 2020

NAME & TITLE: Kristina Boburka, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Update on the beach during and after Hurricane Hanna. (Guillot, Boburka, Hughston)

ITEM BACKGROUND

Staff will give an update on the before and after procedures and impacts from Hurricane Hanna on South Padre Island's beach.

BUDGET/FINANCIAL SUMMARY

N/A

COMPREHENSIVE PLAN GOAL

Chapter III. Parks and Resources

GOAL 1: The City shall ensure protection and conservation of natural resources, such as beaches, dunes, wetlands, Laguna Madre waterfront and native flora and fauna, allowing for their sustainable use and enjoyment by future generations.

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LEGAL REVIEW

Sent to Legal:

Approved by Legal:

RECOMMENDATIONS/COMMENTS:



27 July 2020

RE: Hurricane Hanna Assessment – Shoreline Impact

The impacts from Hurricane Hanna on South Padre Island's shoreline was primarily from the City's beach access 17 to beach access 25, which is pictured below in **Figure 1** and **Figure 2**. The effects included drastic scarping of the dunes and beach face creating a very steep and narrow drop off in the area, subsequently narrowing the dunes.

Access 22 and Access 25 were temporarily bermed to prevent washout from the storm surge shown in **Figure 3** and **Figure 4** respectively. The National Weather Service reported a storm surge of up to seven feet. 8 loads of sand were purchased and placed to create natural barriers, with 2 loads as back up material. 10 loads of sand cost Shoreline Maintenance \$2,700.00.

Fifteen signs currently posted for Covid-19 encouraging distancing protocols have been damaged throughout the City's beach access. Property damage also occurred with ten receptacle barrels along the coast.

Figure 5 and **Figure 6** details the documentation and math of where the estimate for beach renourishment to pre-storm conditions came from. The current rate for sediment to be placed on the beach is \$17.11 per cubic yard. The City usually cost shares beach renourishment with the Texas General Land Office (GLO) at a 25% and 75% split. Total cost estimate with this split is \$3,831,784.50.

Pictures taken prior to the weather event are shown in **Figures 7** through **9**, all of which were taken within the past month. **Figures 10** through **16** were taken on the beach during/after the severe weather event.



Figure 1. Storm Surge 7/24/2020 North Bound South Padre Island



Figure 2. Storm Surge 7/24/2020 South Bound South Padre Island



Figure 3. Beach Access 22 Fantasy 7/24/2020 Prior Berm



Figure 4. Beach Access 25 White Sands Berm 7/24/2020

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Figure 5. Map of major impacted area from Hurricane Hanna. The area was about 1.13 linear miles with a typically beach profile of 150 feet wide.



$150 \text{ cy/LF} \times 5972 \text{ LF of beach} = 895,800 \text{ cy needed to renourish effected beach}$

$895,800 \text{ cy of sediment} \times \$17.11/\text{cy} = \$15,327,138.00 \text{ for renourishment}$

$25\% \text{ of } \$15,327,138.00 = \$3,831,784.50$

Figure 6. Math explanation for beach renourishment to pre-storm conditions estimate.



Figure 7. South Beach Profile January 8th, 2020.



Figure 8. South Beach Profile January 8th, 2020.



Figure 9. North Beach Profile May 23rd, 2020.



Figure 10. First band storm surge 7/24/2020.



Figure 11. Beach Access 19 Washout 7/24/2020

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Figure 12. Beach Access 22 Inundation 7/24/2020



Figure 13. Beach Access 25 Berm Completion. 7/24/2020



Figure 14. Beach Access 17 Post Hanna 7/27/2020



Figure 15. Beach Access 22 North Bound Post Hanna 7/27/2020



Figure 16. Beach Access 22 South Bound Post Hanna 7/27/2020.

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SHORELINE TASK FORCE
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MEETING DATE: August 11, 2020

NAME & TITLE: Kristina Boburka, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Update, discussion, and possible recommendation to City Council regarding the current emergency order on beach operations and Chapter 13 Sections 23 through 24 of the City's Code of Ordinances. (Nixon)

ITEM BACKGROUND

Discussion on the current rules and regulations for umbrella vendors and homeowner association umbrellas.

BUDGET/FINANCIAL SUMMARY

None

COMPREHENSIVE PLAN GOAL

N/A

LEGAL REVIEW

Sent to Legal:

Approved by Legal:

RECOMMENDATIONS/COMMENTS: