NOTICE OF REGULAR MEETING OF SOUTH PADRE ISLAND SHORELINE TASK FORCE

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.

NOTICE IS HEREBY GIVEN THAT THE SHORELINE TASK FORCE OF THE CITY OF SOUTH PADRE ISLAND, TEXAS, WILL HOLD A MEETING ON:

TUESDAY, FEBRUARY 12, 2019 3:00 p.m. at the Municipal Building, City Council Chambers, 2ND Floor 4601 Padre Boulevard, South Padre Island, Texas

- 1. Call to Order.
- 2. Pledge of Allegiance.
- 3. Public Comments and Announcements: This is an opportunity for citizens to speak to Task Force relating to agenda or non-agenda items. Speakers are required to address the Shoreline Task Force at the podium and give their name before addressing their concerns. [Note: State law will not permit the Shoreline Task Force 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 Shoreline Task Force meeting.]
- 4. Approval of the minutes of the January 28, 2019 meeting.
- 5. Discussion and action to recommend to City Council the approval of a Beach and Dune Permit for 2100 Gulf Boulevard South Padre Island, Texas.
- 6. Discussion and action to recommend to City Council the approval of a Beach and Dune Permit for 310 Padre Boulevard South Padre Island, Texas.
- 7. Discussion and action to select and move forward with potential projects and improvements based upon the Shoreline Master Plan.
- 8. Discussion on the Paid Parking Open House scheduled for February 28, 2019.
- 9. Adjournment.

DATED THIS THE 7th day of February 2019.

Susan Hill, City Secretary

A, 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 **FEBRUARY 7, 2019** AT/OR BEFORE **5:00** P.M. AND REMAINED SO POSTED CONTINUOUSLY FOR AT LEAST 72 HOURS PRECEDING THE SCHEDULED TIME OF SAID MEETING.

Susan Hill, City Secretary

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, DAVID TRAVIS; ADA DESIGNATED RESPONSIBLE PARTY AT (956) 761-8103.



MINUTES OF REGULAR MEETING OF SOUTH PADRE ISLAND SHORELINE TASK FORCE

MONDAY, JANUARY 28, 2019

1. Call to Order.

The Shoreline Task Force of the City of South Padre Island, Texas held a meeting on Monday, January 28, 2019, at the Municipal Complex Building, 2nd Floor, 4601 Padre Boulevard, South Padre Island Texas. Chairman Neil Rasmussen called the meeting to order at 9:00 a.m. A quorum was present with the following Task Force Members in attendance: Chairman Neil Rasmussen, Virginia Guillot, Abbie Mahan, Robert Nixon, and Norma Trevino, Stormy Wall. Member with an unexcused absence was Patrick McNulty.

Mayor Pro-Tem Ken Medders was present along with City staff members Interim City Manager Randy Smith, Assistant City Manager Darla Jones, Shoreline Management Director Brandon Hill, Coastal Resource Manager Kristina Boburka, and Shoreline Grant & Special Projects Administrator Elizabeth Walker.

2. Pledge of Allegiance.

Chairman Neil Rasmussen led the Pledge of Allegiance.

- **3. Public Comments and Announcements.** There were none received.
- 4. Approval of the minutes of the January 14, 2019 meeting.

Task Force Member Nixon, seconded by Task Force Member Guillot, moved to approve the meeting minutes as submitted. Motion carried unanimously.

5. Discussion and action to approve the Shoreline Task Force 2019 meeting schedule. Task Force Member Wall, seconded by Task Force Member Trevino, moved to approve the meeting schedule.

Task Force Member Nixon indicated that afternoons are more compatible with his work schedule; Task Force Member Mahan suggested alternating times. Task Force Member Trevino suggested Tuesday afternoons.

After conferring with the city's calendar for room availability, Shoreline Management Director Brandon Hill stated the Council Chambers is regularly available Tuesday afternoons. The Shoreline Task Force regular meetings will be the second and fourth Tuesdays of the month at 3:00 p.m.

Motion carried unanimously.

6. Discussion and action to cancel the March 11, 2019 due to Spring Break.

Chairman Rasmussen, seconded by Task Force Member Wall, moved to cancel the Shoreline Task Force meeting scheduled the week of Texas' Week Spring Break. Motion carried unanimously.

7. Discussion and action on potential projects and improvements based upon the Shoreline Master Plan. (N. Rasmussen.)

Chairman Rasmussen recommended a list identifying potential projects and their costs be sent to Council to determine what they would support.

Task Force Member Nixon, seconded by Task Force Member Guillot, moved to create a list of potential projects from the Shoreline Master Plan to submit to City Council. Motion carried unanimously.

8. Update on Temporary Toilets. (V. Guillot.)

In response to Task Force Member Guillot, Shoreline Management Director Brandon Hill stated that 20 ADA-sized portapotties have been delivered to various beach accesses, based on the locations previously determined on available space and visitation traffic. City staff has started woodworking on the surf-board façade enclosures but will delay installing them until after Spring Break. More portapotties will be placed during peak season across the City.

Task Force Member Nixon suggested a press release and Task Force Member Trevino suggested the Chairman review its content. Chairman Rasmussen commented the portapotties are an evolution to be re-evaluated at the end of the season to consider constructing brick and mortar restroom facilities at different locations.

Task Force Member Mahan requested the cleaning schedule and Task Force Member Guillot requested regular updates at meetings.

9. Adjournment.

There being no further business, Chairman Rasmussen adjourned the meeting at 9:30 a.m.

Kristina Boburka, Coastal Resource Manager

Neil Rasmussen, Chairman

CITY OF SOUTH PADRE ISLAND CITY COUNCIL MEETING AGENDA REQUEST FORM

MEETING DATE: February 12, 2019

NAME & TITLE: Brandon Hill, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Discussion and action to recommend to City Council the approval of a Beach and Dune Permit for 2100 Gulf Boulevard South Padre Island, Texas.

ITEM BACKGROUND

The applicant proposes the construction of a 65-foot long and 6-foot wide private ADA ramp that would connect to an existing pathway to the public beach.

BUDGET/FINANCIAL SUMMARY

None.

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: YES: _____ YES: _____

NO: <u>X</u> NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

Staff recommends the approval.

South Padre Island South Padre Island South Padre Island South Padre Island, TX 78597 Phone: (956) 761-3044 Fax: (956) 761-3898		
Site for Pri	oposed Work	
Legal Description	Physical Address: 2/00 Gulf Blud.	
Property Owner Information	Applicant / Agent for Owner	
Name: 1 he from Grand Homourn's Asset Mailing Address: 2100 Guilf Aud City: State: TX Zip: 78597 Country. Phone Number: 910 761-7290 Fax Number: E-Mail Address: The product and Oracl. con I / We, owners of the above-mentioned property, authorize the applicant stated construction proposed below. (owner initials here Galage) Owner(s) Signature(s): Date:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
-		
Describe with as much as detail as possible, the construction proposed. If more room is needed, please include an additional page. Include the number of habitable units, amenities, swimming pools, fences, whether footings and/or retaining walls will be installed and locations of proposed landscaping and parking. Mar Ada Rang the beach access by Innear Feat long Mar 1/12 stype and 2 hadings (see attachd)		
Total Square Footage of Footprint of Habitable Structure: 290 Total Area of Impervious Surface (i.e. retaining walls, walkways, drives, patios, etc.): Percentage Impervious Surface ((impervious surface / habitable footprint)* 100): Please Note: the percentage of impervious surface cannot exceed 5% in an erodim Approximate Duration of Construction: 2	WIA	

Mitigation Plan		
Describe the methods which you will use to avoid minimize mitigate and/or compensate for any adverse effects on dunes or dune vegetation. Explanation / Other Information: Water Jet Piles in Gran of Ming. Man.		
Financial Plan for Dune Mitigation: If required by the City Council, a financial guarantee (irrevocable letter of credit or a performance bond, etc.) may be necessary to insure the mitigation of dunes/dune vegetation takes place as proposed and required of the applicant. Type of Plan Submitted:		
Checklist of Additional Required Application Information		
An accurate map, plat or site plan showing:		
1. Legal description of the property (lot, block, subdivision) and the immediately adjoining property.		
2. Location of all existing structures - including the habitable and inhabitable structures, swimming pools, decks, fences, parking areas, landscape areas, etc.		
 Location of the Historical Building Line on the subject property and the extension of the line on the properties immediately adjoining the subject property to the north and to the south. 		
4. Location and elevation of existing retaining walls - both on the subject property and those properties immediately adjoining the subject property to the north and to the south.		
5. Location of proposed structure(s) - if proposing the construction of a retaining wall, please also include the proposed elevation of the retaining wall.		
6. Location of proposed driveways, parking areas (showing the # of proposed parking spaces) and landscape areas.		
7. Location of all existing and proposed beach access paths and/or dune walkovers.		
8. Location and extent of any man-made vegetated mounds, restored dunes, fill activities, or any other pre-existing human modifications on the tract.		
9. Topographical survey of the site identifying all elevations, existing contours of the project area (including dunes and scales) and the proposed contours of the final grade		
Other required application information:		
1. A grading and layout plan showing proposed contours for the final grade		
2. The floor plan(s) and elevation(s) of the structure proposed to be constructed or expanded.		
3. Photographs of the site which clearly show the current location of the vegetation line & existing dunes on the tract within the last 6 months.		
4. Copy of the Flood Rate Map showing the location of the subject property. (FEMA GOV - Map Search)		
5 Copy of the Historical Erosion Rate Map as determined by the University of Texas at Austin, Bureau of Economic Geology. (beg.utexas.edu)		
6 Application Fee of \$180 for Staff Approved applications and \$300 for City Council Approved applications.		

Your application is not complete unless all information requested above is submitted.

Application submissions require only three (3) copies of the complete information plus a digital copy.









GENERAL NOTES

1. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS.

STRUCTURAL DESIGN LOAD: ASCE 7-10 LIVE LOAD: 100 PSF DEAD LOAD: WEIGHT OF MATERIAL 10 PSF MIN.

2. ALL LUMBER: PRESSURE TREATED LUMBER 0.6 CCA.

3. ALL POSTS IN SAND TO BE H2.5 SALT WATER TREATED.

- THE WALK OVER CONSTRUCTION WILL MEET THE REQUIRED CODES FOR 2015 IBC AND 2012 TAS TOWN OF SOUTH PADRE ISLAND.
- 5. SLOPED WALKWAYS TO MEET ADA MAX 1:12 SLOPE.
- 6. HANDRAIL REQUIRED AT 1:12 SLOPED RAMP AT END OF BOARDWALK, END OF HANDRAIL TO BE CURVED INTO LAST POST.
- 7. BRACING ONLY NECESSARY FOR EXPOSED POST HEIGHT ABOVE 4'.
- PRESERVATIVE RATING OF CCA 0.6 LB/C.U. F.T. FOR ALL LUMBER ON THE BOARD WALK WITH THE EXCEPTION OF THE POST TO BE CCA 0.25.
- 9. WALK OVER CONSTRUCTION WILL MEET THE CITY OF SOUTH PADRE ISLAND BUILDING CODES.
- 10.CONTRACTOR TO INSTALL PIERS BY WATER JETTING, ALL PIERS WILL BE FOUNDED 10° BELOW GRADE.

11.MARKINGS ON PIERS WILL BE VISIBLE.

12. 5'X6' LANDING AT 36' IN MID SECTION ALONG RAMP TO COMPLY WITH TAS 405 RAMPS.







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2"x5" TREATED HANDRAIL -CAP #/4#12 SS SCREWS © EA. LOCATION

MEMORANDUM

TO: Shoreline Task Force Natalie Bell, General Land Office
FROM: Brandon N. Hill, Shoreline Department Director
DATE: October 9, 2018
RE: 2100 Gulf Blvd. SPI, Texas, 78597

"New ADA Ramp for beach access 65 linear feet long with a 1/12 slope and 2 landings"

With consideration given to conformance with TAC regulations our preliminary determination is that:

- 1. The proposed activity will not reduce the size of the public beach. [TAC 15.5 (b)(1)]
- 2. The proposed activity does not appear to involve construction upon the public beach. [TAC 15.5 (c)(1)]
- 3. The proposed activity will not encroach upon the public beach. [TAC 15.5 (c)(1)]
- 4. The proposed activity will not close any existing public beach accesses within the area, nor will the construction close or prevent the use of any existing public beach parking spaces. [TAC 15.5 (d)(1)]

With consideration given to the City's *Dune Protection and Beach Renourishment and Access Plan* [B&D Ord. Section 22-10]:

- 1. The proposed activity may not result in the potential for increased flood damage to the subject property or adjacent properties.
- 2. The proposed activity will not result in run-off or drainage patterns that aggravate erosion on and off the site.
- 3. The proposed activity will cause no changes to the existing dune hydrology east of the Historic Building Line.
- 4. The proposed activity will not result in adverse effects on dune vegetation.
- 5. The proposed activity may increase the potential for washover or blowouts.

Due to the proximity of the Padre Grande to the City's Beach Access to the South, and the existing denuded trench that has been maintained along the Padre Grand retaining wall; and the potential to allow for a more connected dune system in front of this property, this is a perfect opportunity to minimize the duplicative dune cuts, through the combination of walkovers. This could be achieved by utilizing the denuded footprint directly in front of the retaining wall to place a raised walkover that would reach the Public Beach Access directly south of the Padre Grand.

The applicant has been made aware of this opportunity to minimize their impacted footprint and create a connected boardwalk taking advantage of the public access to the South. Connecting to the public access would not only minimize the impact to the dunes but also allow the cut that currently exists leading from their property to the public beach to heal decreasing the potential for washover and blowouts. This

MEMORANDUM

approach is recommended in the City of South Padre Island's Comprehensive Plan, Erosion Response Plan, Beach Management and Access Plan and has been championed by the Shoreline Taskforce and City Council.



The line of vegetation has been allowed to migrate closer to the property over the last several months, not reflected in this overhead shot.

City Staff recommends this application for approval however regrets that the property will not consider a clear opportunity to remove a cut through the City's dune system.

onl

Brandon N. Hill



TEXAS GENERAL LAND OFFICE GEORGE P. BUSH, COMMISSIONER

February 1, 2019

Via Electronic Mail

Brandon Hill Director, Shoreline Management Department City of South Padre Island P.O Box 3410 South Padre Island, Texas 78597-3410

Beachfront Construction Certificate & Dune Protection Permit in the City of South Padre Island		
2100 Gulf Boulevard, South Padre Island		
Padre Grand Condominiums, Lots 1-4, Block 19, Lot 5, Block 26, Padre Beach		
Section III		
The Padre Grand HOA c/o H2O Construction		
BDSPI-19-0022		

Dear Mr. Hill:

The General Land Office (GLO) has reviewed the application materials for a dune protection permit and beachfront construction certificate for the above-referenced location. The applicant proposes the construction of a 65-foot long and 6-foot wide private ADA ramp to connect to an existing pathway to the public beach. According to the Bureau of Economic Geology, the area is accreting. Based on the information submitted to our office for review, we have the following comments:

- The applicant may not damage any dune vegetation or clear or remove any dune vegetation on either side of the ramp or pathway for the purpose of facilitating construction. When conducting retaining wall maintenance in the future, the applicant is prohibited from damaging dunes or dune vegetation without first obtaining a permit from the City of South Padre Island and mitigating for any damages to dunes and dune vegetation.
- Concrete may not be used to stabilize the base of the pilings for the ADA ramp.¹
- The deck of the ramp must be of sufficient elevation to allow for the growth of dune vegetation and the migration of dunes to the greatest extent practicable.²
- The proposed construction activities must minimize impacts on natural hydrology and not cause erosion of adjacent properties, critical dune areas, or the public beach.³

¹ 31 Tex. Admin. Code § 15.6(f)(3).

² 31 Tex. Admin. Code § 15.7(g)(3).

³ 31 Tex. Admin. Code § 15.6(g).

February 1, 2018 Page 2 of 2

• The City must ensure the proposed construction is consistent with FEMA minimum requirements or with the FEMA-approved local ordinance.⁴

If you have any questions, please contact me by phone at (512) 463-0413 or by email at <u>natalie.bell@glo.texas.gov</u>.

Sincerely,

Natatt

Natalie Bell Manager, Beach Access & Dune Protection Program Coastal Resources Division Texas General Land Office

⁴ 31 Tex. Admin. Code § 15.6 (e)(3).

CITY OF SOUTH PADRE ISLAND CITY COUNCIL MEETING AGENDA REQUEST FORM

MEETING DATE: February 12, 2019

NAME & TITLE: Brandon Hill, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Discussion and action to recommend to City Council the approval of a Beach and Dune Permit for 310 Padre Boulevard South Padre Island, Texas.

ITEM BACKGROUND

The applicant proposes the construction of a 316-foot long ADA compliant dune walkover that will service multiple condominium units to the public beach. The walkover will be constructed over an existing public pathway to minimize effects to the dunes and vegetation. Approximately 5,291 square feet of dune vegetation will be impacted, which the applicant proposes to mitigate by replanting vegetation along the proposed dune walkover footprint. An additional 4,323 square feet of dune vegetation will also be planted along the line of vegetation.

BUDGET/FINANCIAL SUMMARY

None.

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: Comments:

YES:	
YES:	

NO: <u>X</u> NO: _____

RECOMMENDATIONS/COMMENTS

Staff recommends the approval.



Firm Registration No. F-14803

807 Brazos	1222 E. Tyler Ave
Austin, TX 78701	Harlingen, TX 78550
512.473.8288	956.423.7409

January 21, 2019

Brandon Hill Shoreline Director City of South Padre Island 4601 Padre Boulevard South Padre Island, TX 78597

RE: Sapphire Condominiums Beach and Dune Application

Dear Mr. Hill,

Sapphire Condominiums has requested NorrisLeal to assist in the submittal of the attached Beach and Dune Application to construct a new walk over bridge. The proposed bridge will be constructed from the backside of the property, parallel to the seawall, and then east along the south property towards the beach area (seaward). Currently, the Sapphire condominium property owners use the next-door property owner's bridge (The Pearl Hotel). Exhibit B shows the overall area and the existing Pearl walk over bridge. The current way Sapphire property owners and staff access the beach area is difficult due to the high traffic. To put it in perspective, the Sapphire Condominiums has a total of 230 condominiums (property owners). During peak time, for example the month of July, the Sapphire can have as much as 2000 people (foot traffic) per day. This does not take into consideration the amount of guest from the Pearl hotel and all of them sharing this one beach access bridge. This has caused the Sapphire to deal with potential liability and safety issues. Condo sales can also have an impact if congestion becomes an issue.

The Sapphire respectfully request that this proposed walk over bridge be approved to alleviate the potential liabilities and safety issue of the current shared bridge. The proposed bridge will help alleviate safety. The proposed bridge will be structurally firm and aesthetically pleasing. The proposed bridge will help fortify the dunes in the areas that currently have scattered vegetation. To summarize the bridge is an overall benefit for entire community and habitat.

We believe this application is complete and complies with the City of South Padre Island code of ordinances Chapter 22. These proposed improvements will meet the needs of the City's dune improvement goals as well as the needs for the Sapphire property owners.

We request for SPI and GLO to perform an initial review of the project submittal and provide any comments. Thank you again for your staffs' efforts and we look forward to your comments. Should you require any additional information please let me know.

loe Leaf Sincerely

Jose Leal, PE Senior Project Manager



Beach & Dune Application

City of South Padre Island 4601 Padre Blvd. South Padre Island, TX 78597 Phone: (956) 761-3044 Fax: (956) 761-3898

Bite for Pro	posed Work			
Legal Description: South Padre Island Beach Resort Lot one Block one	Physical Address: 310A Padra Blvd			
Property Owner Information	Applicant / Agent for Owner			
Name: Homeowners c/o Sapphire Condominiums Association, Inc.	Name: Jose Leat			
Mailing Address: 310A Padre Blvd	Mailing Address: 1222 East Tyler			
City: South Padre Island State:	City: Harlingen State: Texas			
Zip:785897 Country: United States	Zip: 78550 Country: United States			
Phone Number: (956) 772-119	Phone Number: (956) 423-7409			
Fax Number: (956) 772-1127	Fax Number: (956) 423-7482			
E-Mail Address: generalmanager@sapphirecai.com	E-Mail Address: jose.leal@norrisleal.com			
Describe with as much as detail as possible, the construction proposed. If more foom is needed, please include on additional page. Include the number of habitable unite, amenities, swimming pools, fences,				
kinds of fences, whether foolings end/or retaining walls will be installed, and locations of proposed landscaping and parking. This application is for a Dune Ridge Construction of a walkover bridge proposed for the Sapphire Condominiums Property. The proposed walkover is approximately 316 feet				
overall in length. The construction includes a new proposed gate. The proposed route will				
Plant mitigation is planned for this project and is further explained in the application attachments. Proposed bridge will use treated wood beams, pilings and railing, fencing and floor planks. The project has identified some areas on the fordune that need additional planting in order to fortify the existing dune.				
Total Square Footage of Footprint of Habitable Structure:	0			
Total Area of Impervious Surface (i.e. retaining walls, walkways, drives, patlos, etc.):	approximately 2585 square feet of walkover			
Percentage Impervious Surface ((impervious surface / habitable footprint)* 100):	0			
Please Note: the percentage of impervious surface cannot exceed 5% in an eroding area.				
Approximate Duration of Construction:	50 days			

Financial Plan for the Removal of All Hard Structures

All properties which are allowed to build retaining walls on their property are allowed to do so with the condition that a financial plan for the removal of the retaining wall is submitted to the Public Works Department of the City of South Padre Island. Removal of the retaining wall at the owner's expense may be required if/once the retaining wall comes into regular contact with wave action for twenty (20) out of thirty (30) consecutive days. The City accepts the submission of a Retaining Wall Covenant, or other financial guarantee, insuring the removal of the retaining wall if the required conditions are met.

Type of Plan Submitted:

Date Submitted:

Drainage

Describe the impact that the proposed construction will have on the natural drainage pattern on the site and adjacent lots.

No change in the drainage on site.

The proposed construction will change the grading and the drainage on the subject property. (An explanation will be required detailing where the water will drain.)

Explanation / Other Information:

Impacts to Beach / Dune System
Answer each question as completely as possible in narrative form.
1. What damage will this proposed construction have on the dune vegetation located at the project site?
No damage to dune vegetation whatsoever.
The proposed construction will impact <u>12.6</u> % of the dune vegetation site. (An explanation of the "impact" will be required.)
The proposed construction will require the removal and relocation of% of the dune vegetation on site. (The submission of a mitigation plan will be required.)
Explanation / Other Information:
2. How will the proposed construction alter the dune size/shape at the project site?
No change to dune size/shape whatsoever.
The proposed construction will change% of the size/shape of dunes on site. (Details will be required.)
The proposed construction will require the removal and relocation of% of the dunes on site. (The submission of a mitigation plan will be required.)
Explanation / Other Information:
3. How will the proposed construction change the hydrology of the dunes at the project site?
No change to dune hydrology whatsoever.
The proposed construction will impact dune hydrology on site. (Details will be required.)
Explanation / Other Information:
4. Describe alternatives to the proposed construction or method of construction which will cause fewer or no adverse effects on dunes and dune vegetation.
5. Describe alternatives to the proposed construction or method of construction which will cause fewer or no adverse impairment to beach access.

Mitigation Plan		
Describe the methods which you will use to avoid, minimize, mitigate and/or compensate for any adverse effects on dunes or dune vegetation.		
Explanation / Other Information:		
Financial Plan for Dune Mitigation:		
If required by the City Council, a financial guarantee (irrevocable letter of credit or a performance bond, etc takes place as proposed and required of the applicant.	c.) may be necessary to insure the mitigation of dunes/dune vegetation	
Type of Plan Submitted:	Date of Submission:N/A	
Checklist of Additional Required Applicati	ion Information	
An accurate map, plat or site plan showing:		
 Legal description of the property (lot, block, subdivision) and the immediately adjoining prop Location of all existing structures - including the habitable and inhabitable structures, swimr 		
 Location of the Historical Building Line on the subject property and the extension of the line north and to the south. 	on the properties infinediately adjoining the subject property to the	
4. Location and elevation of existing retaining walls - both on the subject property and those properties immediately adjoining the subject property to the north and to the south.		
5. Location of proposed structure(s) - if proposing the construction of a retaining wall, please a	also include the proposed elevation of the retaining wall.	
6. Location of proposed driveways, parking areas (showing the # of proposed parking spaces)) and landscape areas.	
7. Location of all existing and proposed beach access paths and/or dune walkovers.		
8. Location and extent of any man-made vegetated mounds, restored dunes, fill activities, or a	any other pre-existing human modifications on the tract.	
 9. Topographical survey of the site identifying all elevations, existing contours of the project ar grade. 	rea (including dunes and scales) and the proposed contours of the final	
Other required application information:		
1. A grading and layout plan showing proposed contours for the final grade.		
2. The floor plan(s) and elevation(s) of the structure proposed to be constructed or expanded.		
3. Photographs of the site which clearly show the current location of the vegetation line & exis	sting dunes on the tract within the last 6 months.	
4. Copy of the Flood Rate Map showing the location of the subject property. (FEMA.GOV - Ma	ap Search)	
5. Copy of the Historical Erosion Rate Map as determined by the University of Texas at Austin	n, Bureau of Economic Geology. (beg.utexas.edu)	
6. Application Fee of \$180 for Staff Approved applications and \$300 for City Council Approve	ed applications.	

Your application is not complete unless all information requested above is submitted.

Application submissions require only three (3) copies of the complete information plus a digital copy.

Mitigation Plan EXHIBIT A Sapphire Condominiums 310A Padre Blvd.

Lowering of Dunes at Sapphire Condominiums

This proposed project does not plan to lower any existing dunes. Proposed walk over bridge will be placed for the most part in the toe end of the existing dunes to minimize any dune impact.

Dune Hydrology

There will be no change in dune hydrology.

Mitigation Plan to Dune Vegetation

The impacted vegetation will be re-vegetated and watered to assist in plant growth as required by The City of South Padre Island. A 15 to 16-foot corridor is anticipated to be impacted along the bridge as shown on Exhibit E. This corridor is the impact zone were 1 to 1 re-vegetation is proposed. Additionally, we have identified 2 areas of the foredune in which vegetation is scattered and could have an impact in the dune protection in a severe weather event. For that reason, we plan to mitigate and add some vegetation to provide a more dense and solid foredune. Wood Posts and rope fencing, and signage will be placed along the edge of the foredune to allow vegetation to grow and prevent foot traffic from beach goers as shown on Exhibit B-1 & B-2. We propose to place four (4) signs. One on the north and south sides and two (2) on the east (seaward) side, one at each corner. This will ensure work is performed as per City of South Padre Island requirements.

The re-vegetation area required (impact zone) is approximately 5,267 square feet as shown on Exhibit E. An additional 4,222 square feet will be re-vegetation to fortify the foredunes as shown on Exhibit F. The additional vegetation is not considered an impacted area, but an area of potential risk for dune failure. The owner is taking steps to be proactive and fortify these areas to ensure a more protected dune.

Attachments: Exhibit B-1 Proposed Sapphire Beach Dune Walkover Overview Exhibit B-2 Walk over Plan and Existing Elevations Exhibit C-Walkway Bridge dimensions Exhibit D-Proposed Sapphire Walkway Profiles Exhibit E-Proposed Impact Zone Exhibit F-Proposed Mitigation Zone Exhibit G-Existing photos



NOTES: LINEWORK WAS BASED OFF MAPS OBTAINED FROM PUBLIC RECORDS. THIS DRAWING DOES NOT REPRESENT A FULL AND COMPLETE SURVEY OF DETERMINATION OF PROPERTY LINES, RIGHT OF WAY LINES, OR ACREAGE OF ANY LEGAL PARCEL. THIS FILE IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE USED TO ESTABLISH ANY PROPERTY POLINDARY BOUNDARY. APPROXIMATE BEACH INE 4 JOSE F. LEAL 117241 EXHIBIT

















SEAWALL S APPHIRE MITIGATION ZONE = 5,291 SQ. FT. PROPOSED MITIGATION ZONE ADDITIONAL MITIGATION ZONE 1 = 2,283 SQ. FT. CONDO-ADDITIONAL MITIGATION ZONE 2 = 2,040 SQ. FT. TOTAL ADDITIONAL MITIGATION ZONES = 4,323 SQ. FT. MINIUM SV PROPOSED BEACH DUNE WALKOVER (SEE PLAN SHEET) 16' APPROXIMATE PROPERTY LINE SCHLITTERBAHN BEACH RESORT
























MEMORANDUM

TO: Shoreline Task Force Natalie Bell, General Land Office
FROM: Brandon N. Hill, Shoreline Director Department
DATE: January 24, 2019
RE: 310 Padre Blvd. SPI, Texas, 78597

"Dune Ridge Construction of a walkover bridge proposed for the Sapphire Condominiums Property. The proposed walkover is approximately 316 feet overall in length. The construction includes a new proposed gate. The proposed route will minimize effect on any dune and vegetation. Plant mitigation is planned for this project and is further explained in the application attachments. Proposed bridge will use treated wood beams, pilings. and railing, fencing and floor planks. The project has identified some areas in the foredune that need additional planting in order to fortify the existing dune."

With consideration given to conformance with TAC regulations our preliminary determination is that:

- 1. The proposed activity will not reduce the size of the public beach. [TAC 15.5 (b)(1)]
- 2. The proposed activity does not appear to involve construction upon the public beach. [TAC 15.5 (c)(1)]
- 3. The proposed activity will not encroach upon the public beach. [TAC 15.5 (c)(1)]
- 4. The proposed activity will not close any existing public beach accesses within the area, nor will the construction close or prevent the use of any existing public beach parking spaces. [TAC 15.5 (d)(1)]

With consideration given to the City's *Dune Protection and Beach Renourishment and Access Plan* [B&D Ord. Section 22-10]:

- 1. The proposed activity may not result in the potential for increased flood damage to the subject property or adjacent properties.
- 2. The proposed activity will not result in run-off or drainage patterns that aggravate erosion on and off the site.
- 3. The proposed activity will cause no changes to the existing dune hydrology east of the Historic Building Line.
- 4. The proposed activity will result in adverse effects on dune vegetation. These effects will be mitigated through the actions outlined in the attached mitigation plan.
- 5. The proposed activity should not increase the potential for washover or blowouts.

MEMORANDUM

Due to the proximity of the Sapphire and the City's Beach Access to the North, the already existing walkover path that circumnavigates the densely vegetated and topographically unique dunes, this construction is a perfect candidate to continue the City's efforts to minimize the duplicative dune cuts, and combine walkovers by keeping the existing footprint which is accessible by the Sapphire and the Pearl. The existing connected walkover does need to be repaired and updated, perhaps even continued across the front of the pearl to connect with the City Access Walkover.

However, the applicant has chosen to create a new walkover that keeps clear of the tallest dunes in the dune field. Staff finds that the proposed walkway is a strong alternative to maintaining the current footprint of the shared walkover as it will minimize dune impact while allowing the property to have their own walkover as desired.

This approach minimizes the potential impact to the dunes.

Since the applicant has chosen an acceptable alternative and will attempt to minimize their dune impact along with a thorough mitigation plan taking into account potential impacts the City Staff recommends approval as proposed.

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Brandon N. Hill



TEXAS GENERAL LAND OFFICE GEORGE P. BUSH, COMMISSIONER

February 1, 2019

Via Electronic Mail

Brandon Hill Director, Shoreline Management Department City of South Padre Island P.O Box 3410 South Padre Island, Texas 78597-3410

Site Address: 310 Padre Boulevard, South Padre Island
Legal Description: Lot 1, Block 1, South Padre Island Beach Resort
Lot Applicant: Sapphire Condominiums Association, Inc., c/o Jose Leal
GLO ID No.: BDSPI-19-0019

Dear Mr. Hill:

The General Land Office (GLO) has reviewed the application materials for a dune protection permit and beachfront construction certificate for the above-referenced locations. The applicant proposes the construction of a 316-foot long Americans with Disabilities Act (ADA) compliant dune walkover to the public beach that will service multiple units within a condominium complex. The walkover will be constructed along an existing public pathway to the beach to minimize adverse effects to dunes and dune vegetation. The construction of the walkover will impact approximately 5,291 square feet of dune vegetation, which the applicant proposes to mitigate for by replanting vegetation along the proposed dune walkover footprint. The applicant also proposes to plant an additional 4,323 square feet of dune vegetation along the line of vegetation and seaward toe of the dunes to fortify the foredunes. According to the Bureau of Economic Geology, the area is accreting.

Based on the information submitted to our office for review, we have the following comments:

- The seaward terminus of the dune walkover must be restricted to the greatest extent possible to the most landward point of the public beach and must not interfere with or otherwise restrict public use of the beach at normal high tides.¹
- The applicant must restore or repair dunes using indigenous vegetation that will achieve the same protective capability as the surrounding natural dunes.²
- The City shall allow restoration of dunes or dune vegetation on the public beach no more than 20 feet seaward of the landward boundary of the public beach. The City shall ensure that the 20-foot restoration area follows the natural migration of the vegetation line.³

¹ 31 Tex. Admin. Code § 15.7(g)(2).

² 31 Tex. Admin. Code § 15.4(f)(3)(A)(iv).

³ 31 Tex. Admin. Code §15.7(e)(1).

- The City must require the applicant to conduct compensation efforts continuously until the repaired, rehabilitated, and restored dunes and dune vegetation are equal or superior to the pre-existing dunes and dune vegetation. These efforts shall include preservation and maintenance pending completion of compensation.⁴
- The City shall determine a mitigation and compensation project complete when the dune restoration project's position, contour, volume, elevation, and vegetative cover matches or exceeds the surrounding naturally formed dunes.⁵
- The City shall provide written notification to the GLO after determining that the compensation is complete. The GLO may conduct a field inspection to verify compliance.⁶
- Concrete may not be used to stabilize the base of the pilings for the dune walkover.⁷
- The deck of the walkover must be of sufficient elevation to allow for the growth of dune vegetation and the migration of dunes to the greatest extent practicable.⁸
- The proposed dune walkover should be constructed to allow rain and sand to pass through the decking. The GLO recommends placing the slats that form the deck of the walkover at least ¹/₂-inch apart.
- The walkway height above the dunes should be at least one to one and a half times its width (three feet minimum) to allow rain and sunlight to reach vegetation underneath.
- Construction of the proposed dune walkover should conform to the GLO's guidelines provided in the Dune Protection and Improvement Manual for the Texas Gulf Coast, and can be found on the GLO website at: <u>http://www.glo.texas.gov/coast/coastal-management/forms/files/dune-protection-manual-gpb.pdf</u>

If you have any questions, please contact me by phone at (512) 463-0413 or by email at <u>natalie.bell@glo.texas.gov</u>.

Sincerely,

Natalie Bell Manager, Beach Access & Dune Protection Program Coastal Resources Division Texas General Land Office

⁴ 31 Tex. Admin. Code § 15.4(g)(2).

⁵ 31 Tex. Admin. Code § 15.4(g)(3).

⁶ 31 Tex. Admin. Code § 15.4(g)(4).

⁷ 31 Tex. Admin. Code § 15.6(f)(3).

⁸ 31 Tex. Admin. Code § 15.7(g)(3).



January 31, 2019

Abdel Zouari Pearl General Manager and SSPIBR, LTD Master Association Administrator 310 Padre Blvd. South Padre Island, TX 78597

RE: Sapphire Condominiums Beach and Dune Application

Dear Mr. Zouari,

The Sapphire Condominiums is requesting a beach and dune permit application from the City of Padre Island to construct a new walkover bridge. This letter is to advise the Pearl that Sapphire has a mitigation plan in place. This plan will address any damage to the dune vegetation that occurs during construction.

Sincerely,

Alfonso Salazar General Manager Sapphire Condominiums Association, Inc. 310A Padre Blvd South Padre Island, TX 78597

Cc: Brandon Hill, Shoreline Director SPI

LETTER OF TRANSMITTAL

TO:		DATE: 01/31/19	
Abdel Zouari			
Pearl South Padre		RE: Dune Permit Application Letter	
310 Padre Blvd.			
South Padre Island, TX 785	597		
WE ARE SENDING YOU	Via Hand Delivery	the following items:	
X Letter	Submittals	Plans	Samples
Specifications	Change Order		Other

COPIES	DATE	NO.	DESCRIPTION
1	01/31/19		Dune permit application letter to Pearl

THESE ARE TRANSMITTED as checked below:

For Approval	Reviewed	Copies for Approval
X For Your Use	Rejected	Copies for Distribution
As Requested	Revise and Resubmit	Return of Corrected Prints
For Review and	Comment	Other
FOR BIDS DUE		
REMARKS:		
Attached, please find a	an advisement letter for your use.	

Anere



January 31, 2019

Jimmy Hawkinson General Manager Schlitterbahn Beach Resort 100 Padre Blvd. South Padre Island, TX 78597

RE: Sapphire Condominiums Beach and Dune Application

Dear Mr. Hawkinson,

The Sapphire Condominiums is requesting a beach and dune permit application from the City of Padre Island to construct a new walkover bridge. This letter is to advise Schlitterbahn Beach Resort that Sapphire has a mitigation plan in place. This plan will address any damage to the dune vegetation that occurs during construction.

Sincerely,

Altos

Alfonso Salazar General Manager Sapphire Condominiums Association, Inc. 310A Padre Blvd South Padre Island, TX 78597

Cc: Brandon Hill, Shoreline Director SPI

LETTER OF TRANSMITTAL

TO:		DATE: 01/31/19	
Mr. Jimmy Hawkinson			
Schlitterbahn South Padre Island		RE: Dune Permit Application Letter	
100 Padre Blvd.			
South Padre Island, TX 785	597		
WE ARE SENDING YOU	Via Hand Delivery	the following items:	
X Letter	Submittals	Plans	Samples
Specifications	Change Order		Other

COPIES	DATE	NO.	DESCRIPTION
1	01/31/19		Dune permit application letter to Schlitterbahn South Padre Island Resort
			_

THESE ARE TRANSMITTED as checked below:

For Approval	Reviewed	_Copies for Approval
X For Your Use	_ Rejected	_ Copies for Distribution
As Requested	_ Revise and Resubmit	_ Return of Corrected Prints
For Review and Comment		Other
FOR BIDS DUE		
REMARKS: Attached, please find an advisem	ent letter for your use.	
Signed (Sapphire):	2SIGNED (Schlitterbahr	Poport): A hte
Signed (Sapphire):	SIGNED (Schiltterbahr	

CITY OF SOUTH PADRE ISLAND CITY COUNCIL MEETING AGENDA REQUEST FORM

MEETING DATE: February 12, 2019

NAME & TITLE: Brandon Hill, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Discussion and action to select and move forward with potential projects and improvements based upon the Shoreline Master Plan.

ITEM BACKGROUND

The Shoreline Staff examined the Final Shoreline Master Plan and has compiled a list of potential projects for each of the four goals outlined: Education, Tourism, Conservation, and Public Access. The decision matrix provides a way to select those projects that should proceed forward.

BUDGET/FINANCIAL SUMMARY

None.

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: Comments: YES: _____ YES: _____ NO: <u>X</u>_____ NO: _____

RECOMMENDATIONS/COMMENTS

Authorize staff to proceed with selected projects.



Education	Key Actions	Rank Priority
	Education Liaison	
	Activities Forum	
	Classroom Space	
	Dune Demonstration Garden	
Tourism	Key Actions	Rank Priority
	Land Acquisition	Rank Thority
	Beach Access	
	Bayside Ramps (separate motorized and non-	
	motorized)	
Conservation	Key Actions	Rank Priority
	Beach Nourishment	
	Dunes/Wetland Protection (Ch. 22/Morton study	
	update), Regional Sediment Management	
	Building Codes	
Public Access	Beach Amenity	Rank Priority
	Access Walkovers	
	Mobi-Mats	
	Public Restrooms	
Spanne Spanne Spanne Spanne	Portable Restroom Facilities	

(Sample)	Changing Rooms	
	Showering Facilities	
Coming Soon)	Workout Stations	
	Picnic Tables	
	Bike Racks	



CITY OF SOUTH PADRE ISLAND CITY COUNCIL MEETING AGENDA REQUEST FORM

MEETING DATE: February 12, 2019

NAME & TITLE: Brandon Hill, Shoreline Director

DEPARTMENT: Shoreline Department

ITEM

Discussion on the Paid Parking Open House scheduled for February 28, 2019.

ITEM BACKGROUND

The Shoreline Staff has reserved the City Council Chambers for a Public Open House, in regards to the Beach User Fee plan, on February 28, 2019 from 3:30 pm until 7:00 pm.

BUDGET/FINANCIAL SUMMARY

None.

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: Comments: YES: _____ YES: _____

NO: <u>X</u> NO: _____

RECOMMENDATIONS/COMMENTS

Authorize staff to proceed with selected projects.