NOTICE OF MEETING
CITY 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 REGULAR MEETING ON:

MONDAY, NOVEMBER 14, 2016
3:00 P.M. AT THE MUNICIPAL BUILDING,
CITY COUNCIL CHAMBERS, 2ND FLOOR
4601PADRE 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 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 October 10, 2016 regular meeting minutes.

5. Discussion & action to approve:
   a. Excused absence for Member Rob Nixon from 10-10-16 regular meeting.
   b. Excused absence for Member Ron Pitcock from the 10-10-16 regular meeting.
   c. Excused absence for Member Charles Brommer from the 10-10-16 regular meeting.

6. Discussion and overview of 2016 National American Shore and Beach Preservation Association Meeting held in New Jersey and 2016 Coastal Science and Engineering Collaboration Meeting held in South Padre Island Texas (Hill)

7. Official Introduction of Maureen Kinlan, UTRGV intern and her role in the Shoreline Management Department (Hill)

8. Discussion and Possible action to recommend City Council allow city staff to work with the engineering firm Hanson/Naismith moving forward in all shoreline infrastructure and project capacities.

9. Discussion and Possible action to recommend City Council approve PARC Work Order for the Gulf of Mexico Alliance: Coastal Community Small Grant Application.

10. Discussion and possible action, upon second reading and after GLO comments, to recommend City Council issues a Beach-Dune permit for the mitigation efforts at 4704 Gulf Blvd. (Hill)

11. Discussion and Possible action, upon second reading and after GLO comments, to recommend City Council issues a Beach-Dune Permit for walkway improvements at 6200 Padre Boulevard. (Hill)

12. Discussion and Possible action, upon second reading and after GLO comments, to recommend City Council issues a Beach-Dune Permit for walkover construction at 4300 Padre Boulevard. (Hill)

13. Discussion and possible action to recommend a plan to review Chapter 22, the Beach User Fee plan, Erosion Response Plan, and Beach Access Plan (Hill)

14. Discussion and action to recommend the redesign of Beach-Dune Walkovers Seaside, Ocean and Moonlight (Hill)

15. Discussion and possible action on municipal review of construction projects and other permitted activities within protected dune area. (Hill)

16. Adjournment.

DATED THIS THE 10TH DAY OF NOVEMBER 2016

Susan Hill, 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 **NOVEMBER 10, 2016** AT/OR BEFORE **10:00 A.M.** AND REMAINED SO POSTED CONTINUOUSLY FOR AT LEAST 72 HOURS PRECEDING THE SCHEDULED TIME OF AID MEETING.

CITY OF SOUTH PADRE ISLAND

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, JAY MITCHIM; ADA DESIGNATED RESPONSIBLE PARTY AT (956) 761-1025.

MINUTES
CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE COMMITTEE

MONDAY, OCT. 10, 2016
3:00 P.M. AT THE MUNICIPAL BUILDING,
CITY COUNCIL CHAMBERS, 2ND FLOOR
4601 PADRE BOULEVARD, SOUTH PADRE ISLAND, TEXAS

1. *Call to Order.*

a. The Shoreline Task Force Committee of the City of South Padre Island, Texas held a regular meeting on Monday, Oct. 10, 2016, at the Municipal Complex Building, 2nd Floor, and 4601 Padre Boulevard, South Padre Island Texas. Chairman Giles called the meeting to order at 3:00 p.m. A quorum was present. Members unable to attend were Rob Nixon, Ron Pitcock, and Charles Brommer (all with notice). City staff members present were Shoreline Program & Project Mgr. Brandon Hill, City Councilman Dennis Stahl, and Interim City Mgr. Darla Jones.

2. *Pledge of Allegiance.*

a. Chairman Giles led the Pledge of Allegiance.

3. *Public Comments and Announcements*

a. Public comments were given at this time.

4. *Approval of minutes of the Sept. 12, 2016 regular meeting.*

a. Shoreline Task Force Member Norma Trevino made a motion to accept minutes as written, seconded by Committee Member Neil Rasmussen. Motion passed unanimously.

5. Discussion & action to approve:

a. Excused absence for Member Virginia Guillot from 9-12-16 regular meeting.

Motion to approve by Neil Rasmussen, second by Norma Trevino. Motion passed unanimously.

6. Discussion and possible action to recommend City Council approves a Memorandum of Understanding between PARTRAC and the City of South Padre Island geared towards obtaining external funding for beach nourishment studies. (Barrineau)

Motion to recommend to City Council to go forward with the MOU between PARTRAC and the City of South Padre Island made by Neil Rasmussen, second by Virginia Guillot. Motion passed unanimously.

7. Discussion and possible action to recommend City Council approves a proposal submitted by HDR to complete bathymetric survey of the beach and nearshore area. (Barrineau)

Motion to recommend approval was made by Virginia Guillot, second by Norma Trevino. Motion passed unanimously.

8. Discussion and possible action to recommend City Council to issue a Beach-Dune permit for the mitigation efforts at Las Costas. (Barrineau)

   Motion to recommend approval of the mitigation plan as written and issue permit by Norma Trevino, second by Virginia Guillot.

9. Discussion and possible action to approve submitting Beach-Dune Application to the GLO for the construction of a balcony and deck structures at 4704 Gulf Blvd. (Hill)

   Motion to approve submission to the GLO made by Neil Rasmussen, second by Virginia Guillot. Motion passed unanimously.

10. Discussion and possible action to approve submitting Beach-Dune Application to the GLO for the construction of a dune walkover at Marisol. (Barrineau)

    Motion to approve submission to the GLO made by Neil Rasmussen, second by Virginia Guillot. Motion passed unanimously.

11. Discussion and possible action regarding a letter received from the Texas General Land Office citing violations of the open beaches act. (Hill)

    Motion was made by Member Neil Rasmussen, second by Member Virginia Guillot to recommend to the City Council the following:

    a. Remove the existing fence.
    b. Reimburse the party for all expenditures regarding the construction of the fence.
    c. Verify that the City of South Padre Island did not use any CMP funds towards the design, material or labor to construct the fence or the removal if approved.
    d. Send the GLO documentation of the nonuse of CMP funds along with its course of action of remediation.

12. Discussion regarding the 2016 CMP Cycle 22 Grant Applications submitted September 21st 2016 (Giles)

    Brandon Hill, Shoreline Program & Project Mgr. gave a presentation regarding the 2016 CMP Cycle 22 Grant Application.

13. Discussion regarding red tide conditions and response (Giles)

    Brandon Hill, Shoreline Program & Project Mgr. gave an update on red tide conditions and responses.

Since the Task Force had no further business to discuss, Chairman Giles adjourned the meeting at 4:20 p.m.

_____ _____

MARY K. HANCOCK TROY GILES, CHAIRMAN

Item No. 5

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Troy Giles, SLTF Chairman

ITEM

Discussion & action to approve:

a. Excused absence for Member Rob Nixon from 10-10-16 regular meeting.
b. Excused absence for Member Ron Pitcock from the 10-10-16 regular meeting.
c. Excused absence for Member Charles Brommer from the 10-10-16 regular meeting.

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

Item No. 6

CITY OF SOUTH PADRE ISLAND SHORELINE TASK FORCE AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and overview of 2016 National American Shore and Beach Preservation Association Meeting held in New Jersey and 2016 Coastal Science and Engineering Collaboration Meeting held in South Padre Island Texas (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

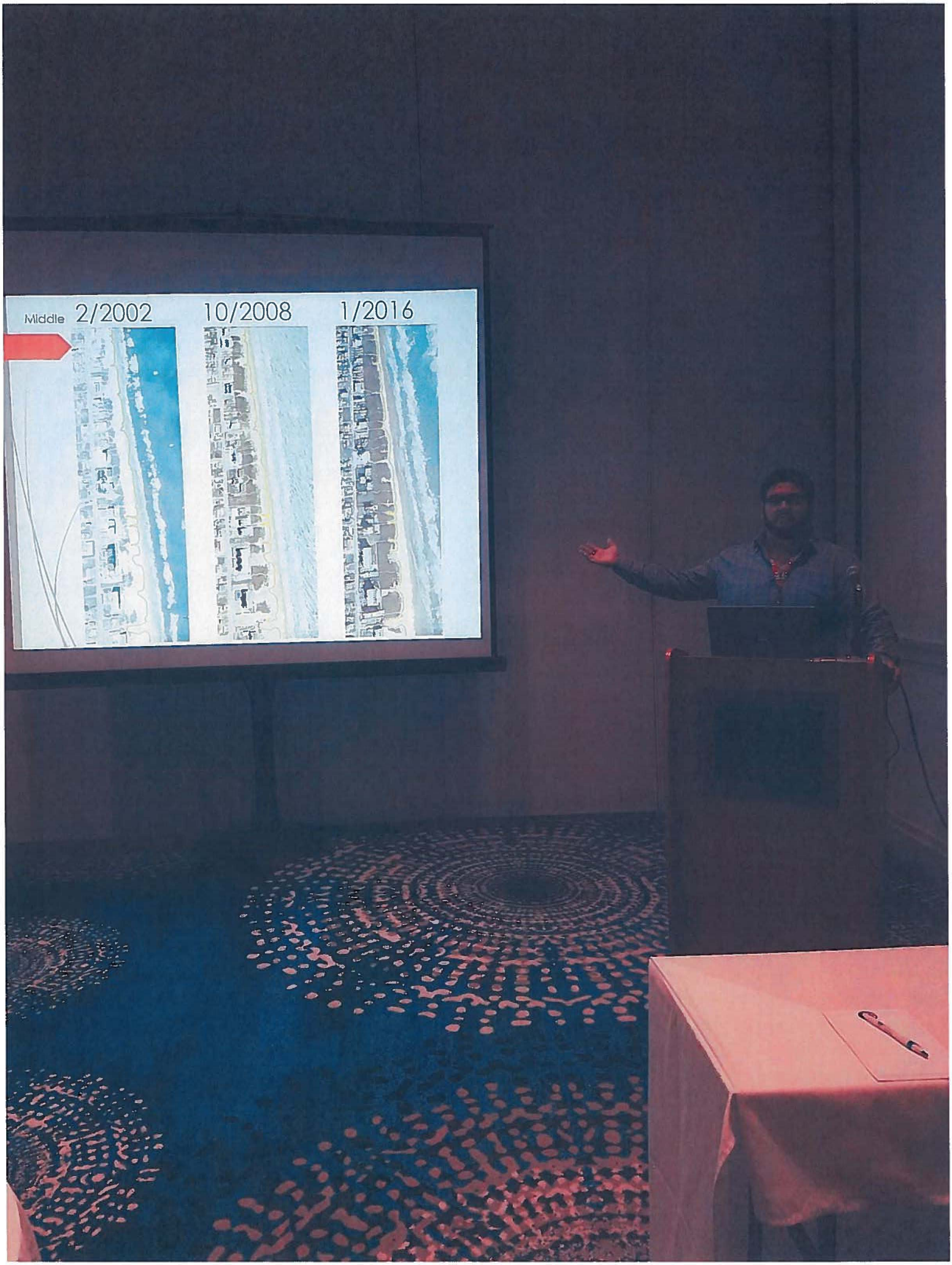
LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS


Dune Conservation on a
Developed Coastline
South Padre
ISLAND
Shoreline Management Director
Brandon N. Hill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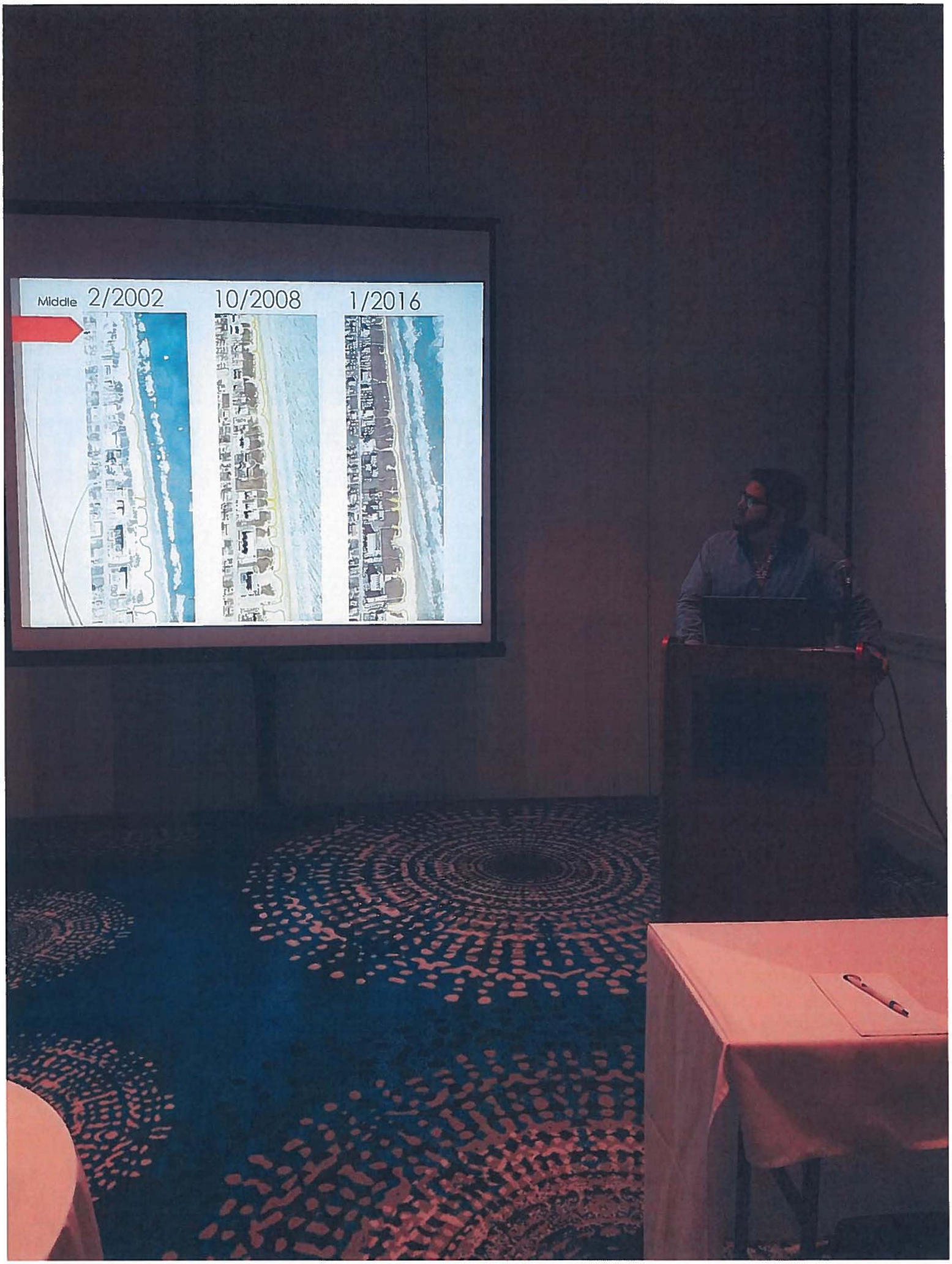
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Item No. 7

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Official Introduction of Maureen Kinlan, UTRGV intern and her role in the Shoreline Management Department (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

Item No. 8

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and Possible action to recommend City Council allow city staff to work with the engineering firm Hanson/Naismith moving forward in all shoreline infrastructure and project capacities.

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

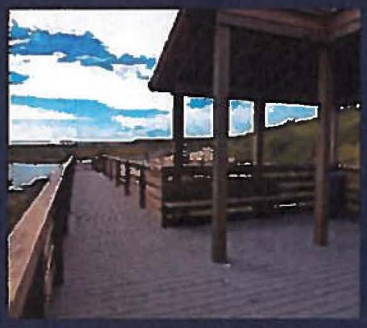
REQUEST FOR PROPOSALS

The City of South Padre Island is accepting proposals for structural engineering services for Shoreline projects. Projects may include dune walkovers, boardwalks, dune drive-overs, and other coastal/marine-related projects.

Qualified engineering firms should submit their proposals to Susan Hill, City Secretary by October 28, 2016 at 10:00am. The proposals will be reviewed and the most qualified firm will be chosen by the South Padre island City Council at their regular meeting to be held November 2, 2016.

Engineering | Planning | Allied Services

HANSON



Statement of Qualifications: Shoreline Projects

Prepared for: City of South Padre Island, Texas

October 27, 2016

Statement of Qualifications: Shoreline Projects

October 27, 2016

Ms. Susan Hill
City Secretary
City of South Padre Island
4601 Padre Boulevard
South Padre Island, Texas 78597

RE: Request for Proposals

Dear Ms. Hill:

Hanson Professional Services, Inc. (Hanson) is pleased to offer our extensive engineering, environmental, and surveying consulting services to the City of South Padre Island in response to the Request for Proposals dated October 13, 2016. When selecting design professionals for infrastructure improvement projects, the City of South Padre Island can be confident that Hanson provides the best value for its engineering dollar. Hanson's goal is to work with the City of South Padre Island on upcoming coastal environmental projects where we will work closely with city decision-makers and stakeholders in order to streamline planning, design, and the review processes; thus making your upcoming projects a success.

Hanson has many years of experience in dune permitting, beach access, walkovers, shoreline stabilization, coastal park development and enhancement, and oyster reef/breakwater creation here in south Texas, as well as in other coastal areas. We are very familiar with the City of South Padre Island and have completed many successful projects for Cameron County as well as for numerous city, state, federal, and private partners. Please find enclosed a list of Hanson's milestone projects and pre-qualifications in response to the City of South Padre Island's Request for Proposals.

Hanson's team has an extensive breadth of experience to apply to municipal projects in an innovative and expedient manner. We have earned a reputation for providing high-quality service, delivered on-time and within budget. We would welcome the opportunity to work with the City of South Padre Island and assist you in identifying, prioritizing, and completing these environmental protection projects. Please do not hesitate to contact me at (361) 814-9900 or email me at tsmith@hanson-inc.com if you have any questions or need additional information.

Sincerely,

Hanson Professional Services, Inc.

Terald E. Smith, P.G.
Assistant Vice President

HANSON

Company Overview

Hanson is a national, employee-owned consulting firm providing a full range of engineering, planning, and allied services to clients around the world. The firm was founded in 1954 and employs nearly 500 engineers, architects, planners, scientists, surveyors, and technicians. Throughout Hanson's 62-year history, the company has completed projects nationwide and in many foreign countries.

As a full-service consulting firm, Hanson provides a variety of services including:

- Engineering: structural, design, geotechnical, electrical, mechanical, and technological with specialization in coastal environments
- Environmental Services: wetland delineations, Section 404 permitting, shoreline stabilization, dune permitting, mitigation plans, endangered species and nesting birds surveys
- Planning and Management: planning, surveying, project management, program management, GIS and data management, and land acquisition
- Green Initiatives: building commissioning, Leadership in Energy & Environmental Design (LEED), and Envision sustainable infrastructure
- Construction and Project Delivery: construction monitoring; construction administration; system commissioning; design-bid-build; design-build; and construction management

Since 1987, Hanson has consistently appeared as an Engineering News-Record's (ENR) Top 500 design firm in the United States. Hanson's nationwide presence can be attributed to the array of locations. Based in Springfield, Illinois, Hanson has expanded throughout the country with offices specialized to specific types of projects. This allows for Hanson to give each project the attention and level of involvement of smaller firms, while possessing many of the resources and similar expertise of larger firms.

Recently, Hanson acquired three additional offices in Texas (Corpus Christi, Austin, and Brownsville; formerly Naismith Engineering Inc.). The Corpus Christi office has specialized in Texas coastal engineering, design, and permitting for nearly 70 years. Due to the coastal experience of the team and the proximity to the City of South Padre Island, the Corpus Christi office will be the main point of contact for South Padre Island projects.

Firm Experience

Structural Engineering

Hanson is an acknowledged leader in the structural, civil, and environmental engineering business in South Texas. Our personnel have worked on multi-disciplinary projects throughout Texas and the United States, developing a keen sense of client needs, constraints, and working philosophies. Our personnel offer expertise in all facets of project development including preliminary planning, surveying, permitting, design, and adaptive project implementation. Our experienced staff ensures that we have the resources to take care of your project. Providing solutions is what we do best. We take the concept or problem; identify, evaluate, and design alternative cost effective remedies; then turn those possibilities into reality.

Hanson has successfully completed engineering for many coastal and barrier island projects, including several subdivisions, dune walkovers for both private and local government entities, and dune mitigation projects. Hanson staff also designed the expansion of Bob Hall Pier in Nueces County. Our personnel is very familiar with local beach/dune rules, Texas Administrative Code Chapter 15, The Open Beaches Act, and Chapters 61-63 of the Natural Resources Codes dealing with beach access, walkovers, and dune protection and Erosion Response Plans. Knowledge of the rules and requirements and determination to build resilient structures has helped Hanson become one of the best engineering firms in the area regarding barrier island projects.

Locally, the staff in the Corpus Christi office has years of experience in designing and constructing many shoreline related projects such as shorelin stabilization, dune walk/drive overs, bulkheads and boat ramps and various types of access points. Our experience in the South Texas region is ideal for any engineering needs within the City of South Padre Island

From concept to completion, our team has provided aesthetic and practical solutions to engineering projects. The technical abilities and judgment of our experienced structural engineers are supplemented and enhanced by in-house geotechnical laboratory and sophisticated structural analysis software. This allows us to efficiently evaluate alternatives and work with our clients to meet their goals and needs, while also determining creative, cost-effective solutions for projects.

Environmental Services and Permitting

Hanson can provide complete professional and technical environmental services from preliminary environmental evaluations to environmental and engineering solutions. We help clients understand the environmental status of their projects through the review of previous permitting and resource agency coordination. The permitting support provided by Hanson's experienced environmental professionals has assisted numerous clients in obtaining a wide variety of beach and dune permits, United States Army Corps of Engineers (USACE) permits, Formal Section 7 Consulting, Texas General Land Office (TGLO) permits, and other environmental permits. We are familiar with the multitude of environmental regulatory programs, and we make it our responsibility to be familiar with these regulations and how they apply to your business. The following is a brief list of environmental services that might apply to your needs:

- Beach Maintenance Operations compliance
- Beach/dune re-vegetation, restoration, and enhancement projects
- Beachfront Construction Certification Permits and Erosion Response Permits
- Dune permitting
- Mitigation plans
- Monitoring and reporting
- Post-storm damage assessments
- Habitat characterization and surveys including seagrass, mangrove, and oyster
- Shorebird surveys including threatened and endangered species
- Shoreline stabilization including bulkheads and living shorelines
- Wetland determinations, delineations, and USACE Permitting

Firm Experience

Public Involvement

A well-developed public information process is a vital component of any publicly funded project. While highlighting a project, the public involvement program promotes interaction among the project team and the stakeholders. It also gives the public a forum to express its ideas and opinions and offer feedback. Through this process, the study team takes its technical know-how and transforms it into practical, real-life solutions for people living in cities and states around the country.

Hanson offers a full range of community outreach and public relations services. We are experienced in helping our clients plan and implement community outreach and public information programs for a variety of projects. We have organized and facilitated citizen advisory groups, conducted public informational meetings, and prepared and distributed project newsletters, plus much more.

Our team of professionals includes public/community relations specialists, graphic designers, technical writers and editors. We can help our clients define target audiences and develop appropriate ways to communicate with them. Hanson is also familiar with assessing and analyzing public opinion. We use proven publicity strategies to help the client receive coverage in print, broadcast and digital media.

From developing Web sites to producing videos, Hanson can provide controversial projects with the public information support necessary to advance public understanding. Through various communication tools – newsletters, Web sites, displays and videos – Hanson will assist the client so that the public understands the facets of each project.

Geotechnical Engineering and Reports

Clients across the United States and abroad have entrusted us with diversified, unique and challenging geotechnical engineering projects. Hanson's geotechnical engineering services include geologic research; foundation condition analysis for new and existing infrastructure; lateral earth pressure analyses for retaining walls; slope stability analyses; soil structure interaction analyses; and foundation analysis of laterally loaded foundations, machine foundations undergoing dynamic or unbalanced loadings, foundations experiencing uplift forces, and seismic loadings on structures. In addition, our geotechnical engineers provide design services for a wide variety of structures that require specialized design procedures. These include earth dams, spillways, levees, bridges, communication towers, elevated water storage tanks, buildings, pump stations, roadway and railroad embankments, retaining walls, and tunneling projects.

Hanson features a state-of-the-art geotechnical laboratory to aid in the characterization and analysis of soil and rock in the design of geotechnical projects. Our highly trained technicians are experienced in performing a wide variety of laboratory soils testing. All laboratory tests are performed in accordance with procedures established by the American Society for Testing and Materials (ASTM) or the U.S. Army Corps of Engineers (EM 1110-2- 1906, Laboratory Soils Testing). Our laboratory is accredited through the American Association of State Highway and Transportation Officials (AASHTO) Materials Reference Library (AMRL) program. The AASHTO Accreditation Program recognizes Hanson's competency in laboratory testing and demonstrated proficiency in meeting the minimum requirements set forth by AASHTO.

Depending on the specific needs of projects assigned by the City of South Padre Island, Hanson can either provide geotechnical engineering services in-house or utilize local subcontractors.

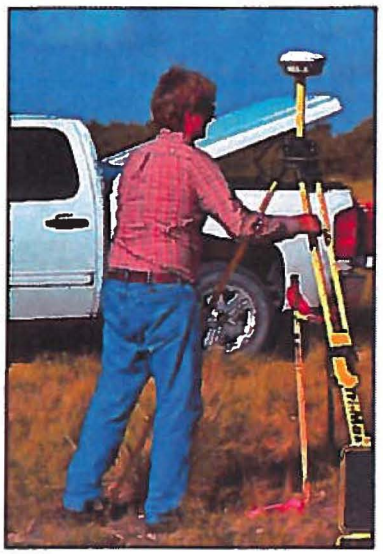
Firm Experience

Land Surveying

Hanson offers a complete range of surveying services. Our surveying group is widely recognized for its land surveying capabilities throughout Texas and the nation as a whole.

We offer a complete range of overland services nationwide, including:

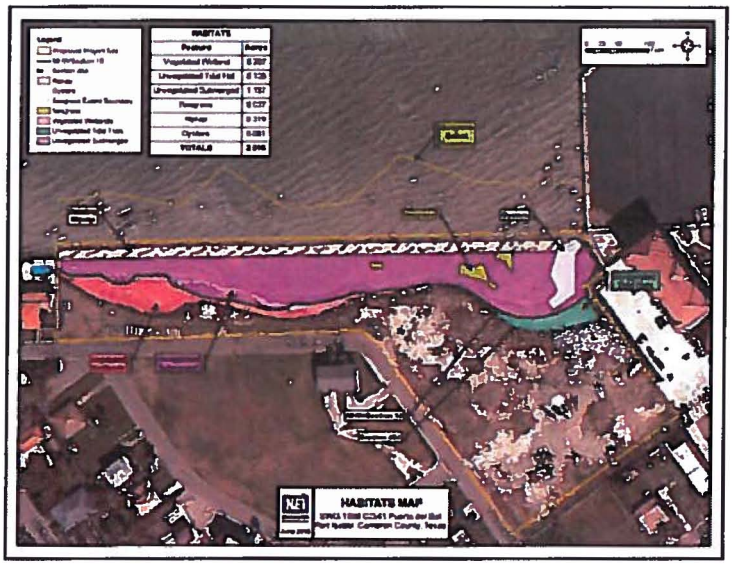
- Boundary surveys
- Construction surveys
- Control surveys
- Engineering design surveys
- Geodectic surveys
- Planimetric surveys
- Right-of-way surveys
- Roadway and site surveys surveys
- Topographic surveys



Hanson has trained and experienced personnel to accomplish the work as required and maintain delivery of quality products in a timely schedule. We are capable of furnishing survey field crews to work on several task orders simultaneously, ensuring that projects are completed on time and within budget. Hanson has a full survey capabilities within the Corpus Christi office, including State Licensed surveyors, for local projects in South Texas.

GIS Services

Hanson has provided GIS services to public and private sector clients for more than 15 years. We have experience in all aspects of GIS, including field data collection, custom application development, and finished map and atlas production.



Hanson has extensive experience in a variety of GIS software packages. The packages include ESRI's ArcGIS Server, ESRI's ArcGIS Desktop, and ArcCAD. These software packages are used on high-performance systems, which provide for the best possible performance and productivity. In addition, Hanson has extensive experience in customized GIS application development, including web application development utilizing technology such as the ArcGIS API for Microsoft Silverlight and ESRI's .NET Web ADF API. As an ESRI Business Partner, Hanson has a demonstrated expertise in the development of GIS systems. We utilize ArcGIS by ESRI and other GIS systems to develop and analyze maps and other data utilizing comprehensive data sources. Hanson has

Qualifications of Key Personnel

Terald Smith, P.G., Senior Project Manager

HANSON

Mr. Smith has over 34 years of environmental regulatory compliance experience with extensive experience in environmental multi-discipline project management and compliance strategies for federal and state environmental statutes and regulations. Mr. Smith has personal involvement with various regulatory agencies and is very familiar with air, water, soil, sediment and biological sampling, preservation and analytical techniques. Mr. Smith performed many permitting projects including air emissions modeling and permitting of four combined cycle combustion turbines, wastewater permit renewals for coal and gas fired power plants, petroleum refinery and primary metals processors, and municipal and industrial solid waste permitting. He has performed environmental assessments for linear projects including electrical transmission lines and railroads, including NEPA and EPA "All Appropriate Inquiry" style investigations.

U.S. Army Corps of Engineering Permitting. Created permit application information, including necessary drawings, and successfully negotiated permits for two diversionary structures located in the once-through cooling discharge channels of two major power plants. These projects included negotiations with the U.S. Fish and Wildlife over restricting access to popular but hazardous fishing locations due to the turbulent and deep warm water discharges. Coordination and negotiation with the Texas Historical Commission was necessary at one site due to the potential for Indian artifacts in the area.

Stormwater Pollution Plans. Managed the development of Stormwater Pollution Prevention Plans for two refineries and performed quarterly inspections and annual compliance evaluation.

Stormwater Individual Permit. Prepared clarifications and amendments for a permit application which had been submitted by previous consultant prior to the initial TPDES permit being issued for an alumina refining plant which had historically been a zero discharge facility. Assisted with the extended permitting process which involved two additional permittees whose permit applications needed to be harmonized with the application and permit for the alumina refinery.

Phase II Environmental Site Assessment. Acted as the project manger and provided technical guidance for the performance of an extensive surface and subsurface investigation at an industrial primary metals processing plant. The project included the installation and sampling of soil borings and monitor wells at a 1,000 acre plant site and the sampling of monitor wells at a 1,200 acre waste placement area. Evaluated the groundwater flow direction and geochemical makeup, and the presence of anthropogenic influences from the operation of the facilities. Analytes evaluated ranged from twenty-three metals, inorganics, radio nuclides, and a broad spectrum of volatile and semi-volatile organics. The project was conducted as part of a due diligence coinciding with the purchase of the facility to document the current status of historical activities and to assign environmental liability for those historic activities. The fast-track project was initiated and completed in six weeks and within the originally estimated budget amount.

Environmental Monitoring of Dredging Activities. Developed a sampling protocol to determine the transport of potentially contaminated sediments during a maintenance dredging operation at the port facilities of a major petrochemical facility.

EDUCATION

M.S.E./Biology/Ouachita Baptist University
B.S./Physics/Ouachita Baptist Univeristy

YEARS OF EXPERIENCE

34

PROFESSIONAL REGISTRATIONS

Professional Geoscientist, Texas, #1456
Corrective Action Project Manager, TCEQ, CAPM00152
UST A&B On-Site Supervisor, TCEQ, ILP000046
OSHA HAZWOPER 40-hour Certification
MSHA Experienced Miner Certification
TxDOT Pre-Certified

PROFESSIONAL AFFILIATIONS

Structural Engineers Association of Texas
American Society of Civil Engineers

Qualifications of Key Personnel

Lewis Shrier, P.E., Senior Project Engineer

HANSON

Mr. Shrier's 37 years of structural engineering and consulting experience has encompassed projects from all levels of the public and private sectors. He has successfully completed major projects in the following building categories: advanced technology facilities, biomedical manufacturing plants, micro-electronics facilities, major medical and hospital projects, community clinics, public projects for a variety of federal, state, county and municipal government agencies, secondary and university level educational facilities, correctional facilities, military facilities and commercial office/retail projects. In addition, Mr. Shrier has served as an on-site construction specialist/field representative on large multi-structure/ multi-contractor projects, he has had the responsibility of being a principal of a design-build construction company and he has been project manager for Port and waterways facilities projects. This combination of extensive design, construction, and management experience makes him a valuable asset to any design team and allows him to quickly develop high quality designs that offer practical, constructible, and economical solutions for today's specialized building requirements.

Rincon Bulkhead Anchor Rod Replacement, Port of Corpus Christi, TX. Design review and verification for anchor rod replacement for 1800 feet of existing bulkhead on the north side of Rincon Canal A. Bulkhead height from mud line: +/- 12 feet. Water depth: +/- 7 feet.

Shoreline Protection & Revetment Matt Placement for Bulk Dock No. 2, Port of Corpus Christi, TX. Project management and construction administration for the placement of 40 feet by 200 feet of revetment mats along the west shoreline of Bulk Cargo Dock No. 2.

Breasting & Mooring Structures for Bulk Dock No. 2, Port of Corpus Christi, TX. Project management and construction administration for new breasting structure and mooring dolphins for Panamax class vessels at Bulk Cargo Dock No. 2. Slip length: 1270 feet; Draft: 45 feet; Stand-off distance from Dock: 87 feet. Structures consist of 24" diameter driven steel pipe piles, concrete caps, fenders, bollards, cleats and shore access walkways.

New Bulkhead for Viola Turning Basin, Port of Corpus Christi, TX. Project management, structural design review and construction administration for 951 feet of new steel sheet pile bulkhead on the north side of the Viola Turning Basin. Water depth at face of sheet piling varied from 6 feet to 20 feet. Anchored tie-back design with steel sheet pile dead-man anchors. Design incorporated Cooper E80 Railroad loading. Bulkhead was part of the Joe Fulton International Trade Corridor roadway project.

New Bulkhead & Mooring Dolphins for Cove Harbor, Aransas County, TX. Design of 340 feet of steel sheet pile bulkhead, revetment stabilization, new wood piers, boat ramps and site improvements for Aransas County Navigation District No. 1. Water depth at face of sheet piling varied from 12 feet to 19 feet. Cantilever pile design without anchors or tie backs.

Nueces River Boat Ramp, Port of Corpus Christi, TX. Project management and construction administration for installation of a boat ramp for small research vessels on the Nueces River providing access from Port owned property. Project consisted of providing all-weather drive access, shoreline clearing, grading and stabilization.

EDUCATION

B.S./Architectural Engineering (Structures)/ University of Texas at Austin

YEARS OF EXPERIENCE

37

PROFESSIONAL REGISTRATIONS

Professional Engineer, Texas, #54578
Professional Engineer, Oregon, #59677PE
TxDOT Pre-Certified

PROFESSIONAL AFFILIATIONS

Structural Engineers Association of Texas

Qualifications of Key Personnel

Jay Gardner, Environmental/Permitting

HANSON

Mr. Gardner has been involved with beach and dune permitting, restoration, and mitigation for twelve years. Projects have included developments and walkovers on Padre and Mustang Island, Port Aransas, South Padre, Cameron County and Matagorda Islands, as well as permitting and compliance monitoring for USACE permits regarding beach maintenance. He has intimate knowledge of local beach/dune rules, Texas Administrative Code Chapter 15, The Open Beaches Act and Chapters 61-63 of the Natural Resources Code dealing with beach access, rights, and dune protection. Mr. Gardner has a close working relationship with beach/dune committees, the TGLO, county commissioners, and county park staff in many counties. Mr. Gardner also currently assist the alternate engineer for Port Aransas, where his main duties are to review Beachfront Construction Certificates (BCC) and Dune Protection Permits (DPP).

Mr. Gardner has been involved with shoreline protection, seagrass and shoreline vegetation protection, enhancement, and plantings for 14 years. He has worked with a variety of coastal governments and NGOs (such as CCA-Texas, TNC, USFWS, etc.) regarding shoreline erosion response and protection through both engineered solutions and living shorelines. He chairs the CCA-Texas Habitat Today/Fish for Tomorrow committee that has partnered with a variety of stakeholders and has helped coordinate more than $8 million in coastal and nearshore habitat restoration and enhancement projects, as well as marine debris projects.

Representative Beach/Dune Projects

- Beach Maintenance Permit (USACE) and monitoring, Cameron County, TX
- Beachview Estates subdivision and walkover, Nueces County, TX
- Bella Vista subdivision , Nueces County, TX
- Bob Hall Pier Expansion, Nueces County, TX
- BriteStar subdivision and walkover, Nueces County, TX
- Cabela's Beach Houses subdivision and new beach access road, Nueces County, TX
- Island Park Estates subdivision and walkover, Nueces County, TX
- James Worth Utilities, Nueces County, TX
- Jim Williams Beach access road and development, Nueces County, TX
- La Concha (various lots, DPP/BCC) subdivision and walkover, Nueces County, TX
- Lost Colony Dune Restoration, Nueces County, TX
- Nueces County Coastal Parks Master Plan, Nueces County, TX
- Padre Balli Park Improvements, Nueces County, TX
- Port Royal Walkover, Nueces County, TX
- Sunrise Shores subdivision and walkover, Nueces County, TX

Representative Shoreline Protection Projects

- Barney Davis/Talen Energy intake channel repairs, Nueces County, TX
- JFK Boat Ramps and Bulkhead, Nueces County, TX
- Laguna Point Recreational Area, Willacy County, TX
- Live Oak Peninsula Shoreline Stabilization and Enhancement Project, Aransas County, TX
- Packery Channel Park, Nueces County, TX
- PJ's Marina, Nueces County, TX

EDUCATION

B.S./Biology/Texas A&M University at Corpus Christi

YEARS OF EXPERIENCE

21

PROFESSIONAL REGISTRATIONS

OSHA HAZWOPER 40-hour Certification
MOCC Boat Certification – USFWS/DOI
CPR and First Aid Certification
TxDOT Pre-Certified

PROFESSIONAL AFFILIATIONS

Wetland Delineator
Wetland Training Institute (3/2006)
Vice President, Coastal Conservation Association, Corpus Christi Chapter
Chair, Habitat Today/Fish for Tomorrow Committee, Coastal Conservation Association (CCA) State Board
Co-Chair, Watershore and Beach Advisory Committee for the Corpus Christi City Council
Member, Island Strategic Action Committee for the Corpus Christi City Council

Qualifications of Key Personnel

Kara Thompson, Environmental/Permitting

HANSON

Ms. Thompson serves as a biologist and has over 4 years of professional environmental regulatory compliance experience with emphasis on permitting and regulatory compliance, wetland delineations, environmental assessment, biological monitoring and sampling, stormwater management plans, parks and recreational area development, state and federal agency coordination, and research support. Her technical skills include Microsoft Office, ArcMap, Adobe InDesign, Adobe Illustrator, Adobe Photoshop, Google Earth, and technical writing. Ms. Thompson obtained wetland delineation training in May of 2011.

Beach Monitoring, Cameron County, TX. Environmental scientist. Conducted quarterly beach monitoring in compliance with the Cameron County Coastal Management Plan, USACE, and USFWS.

Puerto del Sol Condominiums and Marina, Cameron County, TX. Environmental scientist. Compiled survey data to create habitat, impact, and mitigation exhibits for a USACE permit amendment application for a condominium development. 2016

Live Oak Peninsula Shoreline Stabilization and Enhancement Project, Aransas County, TX. Environmental scientist. Coastal Impact Assistance Program (CIAP)-funded living shoreline project which involved the creation of 28 artificial breakwater oyster reefs and the planting of marsh vegetation along the shoreline; performed construction management duties, construction inspections, permit compliance inspections, and responsible for the biological monitoring and reporting in accordance with the U.S. Army Corps of Engineers (USACE) permit; coordinated with the USACE, the U.S. Fish and Wildlife Service, contractors, subcontractors, Aransas County, and the Aransas County Navigation District. 2016

Laguna Point Recreation Area, Willacy County, TX. Environmental scientist. Prepared exhibits and permit application for the Willacy County Resource Center. 2016

Double Oak Cove Development, Calhoun County, TX. Environmental scientist. Proposed project to include roads, a boat basin, an access canal, an airstrip, and several residential lots; conducted a wetland delineation and habitat assessment of 330-acre undeveloped property located on the Gulf Intracoastal Waterway; produced exhibits for and participated in Joint Evaluation Meeting. 2016

Lake Padre Development Mitigation Plan, Nueces County, TX. Environmental scientist. Conducted a wetland delineation on a 33-acre site located within Padre Balli Park. 2016

Environmental Site Assessment (ESA), Nueces County, TX. Environmental scientist. Assisted in conducting a Phase I ESA of a 4,700-acre property for the Coastal Bend Bays and Estuaries Program for inclusion into the Nueces Delta Preserve; tasks performed included conducting field work, creating GIS maps, compiling data for report. 2014

Jones Padre Island Development, Kleberg County, TX. Environmental scientist. Assisted in conducting wetland delineation of 50-acre property for a coastal land development. 2016

EDUCATION

B.S./Ecological Restoration/Texas A&M University at College Station
B.S./Wildlife and Fisheries Sciences/Texas A&M at College Station

YEARS OF EXPERIENCE

4

PROFESSIONAL REGISTRATIONS

CPR and First Aid Certification
Open Water Diver Certification
TxDOT Pre-Certified

PROFESSIONAL AFFILIATIONS

Society of Wetland Scientists

Qualifications of Key Personnel

Harrison McNeil, Environmental/Permitting

HANSON

Mr. McNeil has studied and worked in Galveston and Corpus Christi for the last six years and is very experienced in Texas coastal environments. His specialties, both professional and academic, are in coastal wetlands and geospatial analysis. Mr. McNeil will obtain wetland delineation training in April of 2017, but has already assisted on a number of delineations to date. He is familiar with Section 404 permitting and environmental legislation from an academic stand point, with increasing professional application within ongoing projects.

Lake Padre Development Mitigation Plan, Nueces County, TX. Environmental Scientist. Lead scientist on habitat characterization of Nueces County Land for the use of potential off-site mitigation for Development Company. Responsible for planning and conducting wetland delineation, species identification, data analysis in ArcMap and assisting on report write up.

Double Oak Cove Development, Calhoun County, TX. Environmental Scientist. Assisted on multifaceted delineation of 360 acre tract of land. Delineation consisted of routine determinations of intertidal and salt flat wetlands as well as USACE approved transect coverage sampling method for upland/wetland mosaic environment. Responsible for field work assistance, plant identification, and data analysis in ArcMap.

Beach Monitoring, Cameron County, TX. Environmental Scientist. Assisted on quarterly monitoring Cameron County beaches to satisfy conditions of previously obtained Sec. 404 permit for beach nourishment. Responsible for bird species identification and observation, sargassum monitoring, and photolog documentation.

Tortuga Dunes Subdivision, Nueces County, TX. Environmental Scientist. Assisted on post-construction monitoring for constructed wetlands as per previously obtained Sec. 404 permit for wetland impacts. Established post construction baselines for constructed wetlands to meet mitigation requirements. Responsible for plant identification and coverage estimations, establishing monitoring points, photolog documentation, report write-up and submission to USACE.

Live Oak Peninsula Shoreline Stabilization and Enhancement Project, Aransas County, TX. Environmental Scientist. Assisted with annual USACE monitoring for constructed oyster reefs in Little Bay to monitor oyster recruitment and impacts on shoreline erosion. Responsible for oyster sample collection, and shoreline estimation regarding vegetation coverage and marsh fringe width.

EDUCATION

M.S./Marine Resource Management/Texas A&M University at Galveston
B.S./Ocean and Coastal Resources/Texas A&M University at Galveston

YEARS OF EXPERIENCE

1

PROFESSIONAL REGISTRATIONS

CPR and First Aid Certification

PROFESSIONAL AFFILIATIONS

Society of Wetland Scientists
American Shore and Beach Preservation Association

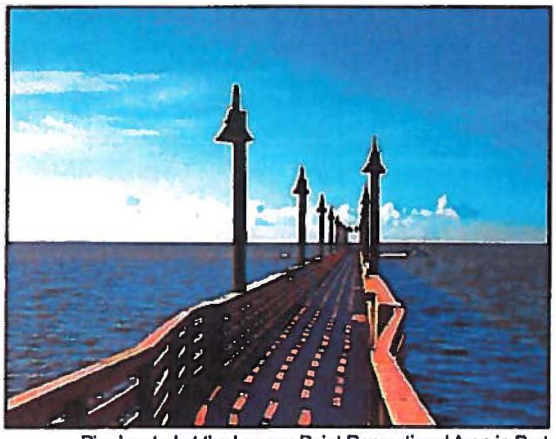
Relevant Project Experience

Coastal Development Projects

The following projects included engineering, permitting, and surveying services that required permits from a variety of entities, including the USACE, Cameron County, Nueces County, the City of Corpus Christi, TGLO, and the City of Port Aransas. Clients included the aforementioned entities as well as other municipalities and private developers.

- Beachview Estates subdivision and dune walkeover
- Bella Vista beachfront subdivision
- Bob Hall Pier expansion
- BriteStar beachfront subdivision and dune walkover
- Cabela's Beach Houses subdivision and new beach access road
- Cameron County Beach Maintenance Permit (USACE) and monitoring
- Island Park Estates beachfront subdivision and dune walkover
- James Worth beachfront home utilities
- Jim Williams beach access road and development
- La Concha beachfront subdivision and dune walkover (Dune Protection Permits and Beachfront Construction Certificates)
- Laguna Recreational Park Area development
- Lost Colony beachfront subdivision dune restoration
- Nueces County Coastal Parks Master Plan
- Packery Channel Nature Preserve Park development
- Padre Balli Park enhancement
- Port Royal beachfront hotel dune walkover
- Sunrise Shores beachfront subdivision and dune walkover

The boardwalk and dune walkover located at the Sandpiper Condominiums in Port Aransas, Texas.



Pier located at the Laguna Point Recreational Area in Port Mansfield, Texas.

The boardwalk, pavilion, and educational signage located at the Packery Channel Nature Preserve Park in Corpus Christi, Texas.

Gulf Shores walkover landing located in Port Aransas, Texas.

Relevant Project Experience

Coastal Maintenance, Habitat Creation, Enhancement, and Monitoring Projects

The following projects included engineering, permitting, environmental, construction management and monitoring services for a variety of entities. These included shoreline protection and oyster reef/breakwater creation, bulkheading, boat ramp construction, private harbor development, and a power plant intake structure repair.

- Barney Davis/Talen Energy intake channel repairs including channel stabilization
- Cameron County Beach Maintenance Permit (USACE) and monitoring
- John F. Kennedy Memorial Causeway boat ramps and bulkhead expansion and enhancement
- Kleburg County 10.5 mile shoreline geomorphic study of Baffin bay and repair engineering
- Laguna Point Recreational Area development
- Live Oak Peninsula Shoreline Stablization and Enhancement Project
- Packery Channel Nature Preserve Park development
- PJ's Marina development and repairs
- Tortuga Harbor development

Measuring depth of sargassum during the quarterly monitoring for Cameron County.

Conducting construction monitoring during the oyster reef/ breakwater construction in Little Bay, Rockport, Texas.

Conducting sediment/soil sampling of the Baffin Bay shoreline in order to evaluate erosion patterns.

Laguna Point Recreational Area park habitat enhancment in Port Mansfield, Texas.

Company Mission and Approach

Company Philosophy/Mission

Hanson's mission is to assist our clients in meeting their business-sector or government-sector goals by providing quality professional engineering and project management services, while at the same time protecting the public and environment, in addition to continually improving teamwork and trust.

To accomplish our mission, we employ people who are highly trained and skilled in many disciplines and who share our values. Our objectives are to provide and maintain the professional environment of our practice, while offering our clients top-quality service.

Project Management Approach

The Hanson Team Structure has been planned and developed to create and maintain an environment for open communications among team members. The Team Structure clearly defines the roles and responsibilities of the team members and in turn will increase the efficiency of our coordinated efforts.

The Project Manager will be either Lewis Shrier, or Terald (Terry) Smith, and they will coordinate with the Task Managers to ensure that deadlines are met and budgets are adhered to. The Project Manger will also be the point of contact for any contractual or billing questions.

The Task Manager, Jay Gardner, will lead the Hanson Team of environmental specialists and surveyors. Mr. Gardner will be the direct contact for the City and the resource agencies. He will also provide regular updates and work directly with the City of South Padre Island. He will be assisted by Harrison McNeil and Kara Thompson. Stacey King Mora, a Registered Professional Land Surveyor (RPLS), will lead the Hanson Team of surveyors, keep the Project Manager informed of scheduling, and will be the direct contact with the Client regarding surveying.

Hanson has assembled a complete and thorough team capable of producing timely and successful projects regardless of the varying types of projects. All Hanson survey staff is capable of performing the survey work. Hanson staff is also capable of the shoreline protection/restoration, beach and dune permitting/design, as well as compiling the data for reports.

After a Work Order has been received from the Client, the Hanson Project Manager will meet with the team members for preliminary input on the project. The Project Manager will present the preliminary input to the Client at the time of Scope of Services and contract negotiations. Once the Scope of Services is defined for the project, it will be the responsibility of the Hanson Project Manager to delegate the tasks and responsibilities to the most qualified and available team members. Each team member's responsibility and level of authority will be defined by the specific project(s) assigned by the Client.

The structure and composition of the Hanson Team has been carefully selected to provide the City of South Padre Island with competent team members capable of performing any project that they may be assigned in a timely and complete fashion.

Management Plan

Project Management Procedures will provide clear and defined methods for oversight and control of the project work. The Management Plan contains the following components:

Coordination Procedures- Identifies the responsibilities and authorities of key personnel and subconsultants and lines of communications among project personnel.

Company Mission and Approach

Project Planning - The Team will develop a clearly defined scope of work and plan of implementation during the contract negotiation phase of the project. This plan will be used to assign work to project staff and potential subconsultants, and to monitor their performance.

Schedule and Budget Control, Performance Management and Progress Reporting - The Project Manager will review work progress against the budget and schedules for each of the project activities. Project progress will be monitored, adjusted if necessary, and then reported to the Client.

Our engineering designs are not complete without undergoing our Quality Assurance (QA) process. At Hanson, that QA process complies with either our standard QA plan (probably used on most of your projects), or a project-specific QA plan. Both include direct or independent checks of assumptions, calculations, and the expression of our design in the form of drawings, details, and specifications. Additionally our QA process reviews the results of our design against the goals of the project.

The Live Oak Peninsula Shoreline Stabilization and Enhancement Project in Rockport, Texas involved the construction of oyster reef/breakwaters in order to reduce shoreline erosion and encourage the recruitment and establishment of oysters.

Hanson is hands-on in engineering, planning, and allied services. We roll up our sleeves and do what it takes to help you succeed. Our in-depth industry experience enables us to realize efficiencies, anticipate needs, and overcome challenges. Hands-on means we're accessible, invested, and part of your team. It's what you can expect from us – it's how we work.

Hanson – Hands On. ™

Item No. 9

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and Possible action to recommend City Council approve PARC Work Order for the Gulf of Mexico Alliance: Coastal Community Small Grant Application.

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

PARC Work Order

Coastal Project Development & Grant Support Services Phase III
Fiscal Year 2016-2017
Task 3 & 4: Preparation of Grant Application

- Project Name: Gulf of Mexico Alliance: Coastal Community Small Grants
- Work Order #: SPI- 2
- Initiation Date: November 8, 2016
- Task Completion Date: December 9, 2016

- Work Order Amount: $1,087.50
  - Fees: $1,087.50
  - Direct Costs: $0.00

Task: Prepare and submit one (1) Gulf of Mexico Alliance (GOMA) Coastal Community Small Grant application in support of the City of South Padre Island's resilience planning effort.

See Hourly Cost Estimate:

Town of South Padre Island, Texas
Work Order No: 2
8-Nov-16

Contract Period	8-Nov-16	9-Dec-16
Duration	31 Days	

Tasks	PAR	LJ	TB	Fees	Direct Expense	Total
	$150.00	$75.00	$75.00			
Grant Application				**$ 1,087.50**	**$ -**	**$ 1,087.50**
1. Project Research/Development	0.5	1	1.5	$ 262.50	$ -	$ 262.50
2 Draft Project Description	0.5	0	1.5	$ 187.50	$ -	$ 187.50
3 Project Budget & Match	0	2	1	$ 225.00	$ -	$ 225.00
4 Project Support Letters	1	2.5	0	$ 337.50	$ -	$ 337.50
5 Workgroup Presentation & Approval	0	0	0	$ -	$ -	$ -
6 Application Submission & Follow Up	0	1	0	$ 75.00	$ -	$ 75.00
Administration				**$ -**	**$ -**	**$ -**
1 Project Admin	0	0	0	$ -	$ -	$ -
2 Communication & Coordination	0	0	0	$ -	$ -	$ -
TOTALS	**2**	**7**	**4**	**$ 1,087.50**	**$ -**	**$ 1,087.50**
	$ 300.00	$ 487.50	$ 300.00			

Billing will be submitted upon submission of the grant in the amount of $1,087.50.

s/ Peter Ravella
Peter A Ravella, Principal

City of South Padre Island

11/7/2016
Date

Date

COASTAL RESILIENCE INDEX

"On the road to coastal resilience"

A Community Self-Assessment

Understanding how prepared your community is for a disaster

November 2010

Suggested citation: Sempier, T.T., D.L. Swann, R. Emmer, S.H. Sempier, and M. Schneider. 2010. Coastal Community Resilience Index: A Community Self-Assessment. MASGP-08-014.

Document designed by Diana Reid, The University of Southern Mississippi
and Melissa Schneider, Mississippi-Alabama Sea Grant Consortium

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Sea Grant
Texas • Louisiana • Florida
Mississippi-Alabama

Supplemental information and additional resources are available on the Web at masgc.org/ri

MASGP-08-014

This project was funded by the U.S. Department of Commerce through a cooperative agreement between the National Oceanic and Atmospheric Administration's Coastal Storms Program and the Mississippi-Alabama Sea Grant Consortium under NOAA Grant NA07OAR4170510. Additional support was provided by the Gulf of Mexico Alliance Coastal Community Resilience Team under NOAA grant number NA08NOS473398. The views expressed herein do not necessarily reflect the views of these organizations.

TABLE OF CONTENTS

Resilience Index Team

Community Name _____

Date Completed _____

Name	Title

Date proposed for next Index assessment _____

Additional information and resources can be found at masgc.org/ri

INTRODUCTION

The purpose of this self-assessment is to provide community leaders with a simple and inexpensive method of predicting if their community will reach and maintain an acceptable level of functioning after a disaster. Experienced local planners, engineers, floodplain managers or administrators can complete this self-assessment using existing sources of information from their community. The goal is for every community to become highly resilient. The assessment may identify problems your community should address before the next disaster and where resources should be allocated.

Results of the assessment are presented as a Resilience Index that estimates the adaptability of your community to a disaster. This self-assessment was created to identify areas in which your community may become more resilient. Your community's unique Resilience Index is an internal evaluation tool and should not be used to compare your community with others.

The Resilience Index and methodology does not replace a detailed study just as a self-examination for skin cancer is not a substitute for a check-up and tests by a dermatologist. But, the Resilience Index resulting from this Community Self-Assessment may encourage your community to seek further consultation.

DISASTER RESILIENCE is the capacity of a community exposed to hazards to adapt, by resisting or changing, in order to reach and maintain an acceptable level of functioning and structure.

RESILIENCE is determined by the degree to which the community is capable of organizing itself to increase its capacity for learning from past disasters.

Definitions are from the Subcommittee on Disaster Reduction. 2005. Grand Challenges for Disaster Resilience. National Science Technology Council, Committee on Environment and Natural Resources. Washington, D.C.: National Science and Technology Council.

NOTE: This Community Self-Assessment is date-specific and should be periodically applied as the community grows and/or the landscape changes, such as when shoreline erosion accelerates. Your community officials should conduct new assessments on a regular basis (annual, biannual, etc.) because of this growth and/or change.

RESULTS OVERVIEW

After completing this self-assessment, you should complete the summary that will help you calculate your Resilience Index (see pages 9 and 10).

The Resilience Index used in this self-assessment will be defined as LOW, MEDIUM or HIGH.

The rating will give you an idea of how long it may take your community to provide basic services and reoccupy homes and businesses after a disaster.

For more details about interpreting Resilience Index results, go to page 11.

BUILD YOUR SCENARIOS

Use the definitions of Bad and Future Storm below to complete the table. Decide as a group what the best benchmarks would be based upon your past experience, historical records, and prior knowledge. You will then refer to these benchmark storms to complete the rest of the Index.

Bad Storm: Select a benchmark storm you will use to answer questions on the Index. Look back at historical events to help you determine as a group which storm would be the best to use. Remember, this is a self-assessment, so try and select a benchmark you feel will give you the most information about where the community vulnerabilities may be.

Future Storm (greater intensity): Select a storm which would be 50 percent worse than the "bad storm" you selected. For example, what if the storm surge was higher? The rainfall greater? This is to assist you in preparing for a future event that has not been witnessed in the historical records.

Variables	**Bad Storm (benchmark) Scenario 1** Name:	**Future Storm (greater intensity) Scenario 2** Name:
Wind speed at landfall (mph)		
Rain (total/24hours)		
Storm Surge (height in feet)		
Direction		
Speed of Movement		
Duration		
Tidal Influence (high or low)		
Landfall Location		

CRITICAL INFRASTRUCTURE AND FACILITIES

The following are key indicators that will give a preliminary assessment of your community's disaster resilience. A more detailed assessment process is available in the FEMA 386-2 publication (fema.gov).

1. Place a check mark in the column where your community's critical infrastructure and facilities are located. You may need to use flood maps to determine where the boundaries would be. If the facility is located in multiple areas, put a check in all that are applicable. Then put a check mark in the last column if the infrastructure or facility is functional after a disaster (assuming Scenario 1). Use the total check marks in the last column for Section A and Section B to complete page 9, "Determining Your Resilience Index".

	Special Flood Hazard Area (SFHA)	Bad Storm Scenario 1	Future Storm Scenario 2	Infrastructure or facility functions after disaster
Example: Power grid		√		√
Section A: Critical Infrastructure				
Wastewater treatment system				
Power grid				
Water purification system				
Transportation/ evacuation routes				
Total check marks for Section A:				
Section B: Critical Facilities*				
City Hall or other local government building(s)				
Police station or other law enforcement building(s)				
Fire station(s)				
Communications main office or substations				
Emergency operation center				
Evacuation shelter(s)				
Hospital(s)				
Critical record storage				
Total check marks for Section B:				

Critical facilities may be defined a certain way in an ordinance. However, each community may identify other structures they consider critical. If you need assistance locating critical infrastructure and facilities, you can refer to the mapping tool that accompanies the Index.

TRANSPORTATION ISSUES

2. Assuming Scenario 1, if any of the following affect your transportation/evacuation route(s), will your community regain a pre-storm level of service within one week? Check Yes or No.

Transportation issue*	Yes	No
Example: Will flood-prone areas (tunnels, roads in low-lying areas) be operational within one week?	√	
Will primary bridge(s) be out for less than one week?		
Will roads blocked by storm debris (trees, wrack) be cleared in less than one week?		
Will washouts (roads) be passable in less than one week?		
Will flood-prone areas (tunnels, roads in low-lying areas) be operational within one week?		
Is public transportation available to assist evacuation of residents unable to evacuate on their own?		
Is there more than one evacuation route?		
Is there a plan for post-storm traffic management?		
Total number of Yes answers and No answers:		

ADDITIONAL NOTES

DID YOU KNOW?

Communities can receive up to 50 points through the National Flood Insurance Program's Community Rating System for protecting critical access routes.

*Some communities use waterways as transportation infrastructure and/or evacuation routes (canals, docks, streams, marinas, and ferries).

COMMUNITY PLANS AND AGREEMENTS

3. Does your community have the following plans, personnel or agreements in place? Check Yes or No.

Does your community:	Yes	No
Example: Have a certified floodplain manager?		√
Participate in the FEMA Community Rating System? (Rating of 8 or lower)		
Use an early flood warning system?		
Have a certified floodplain manager?		
Have planning commissioner(s) with formal training in planning?		
Have a planning staff with credentials from the American Institute of Certified Planners (AICP)?		
Have a FEMA-approved and state EMS-approved mitigation plan?		
If you have an approved mitigation plan, has it been revised in the past two years?		
Have Memorandums of Understanding (MOUs) or Memorandums of Agreement (MOAs) with neighboring communities to help each other during times of disaster?		
Have a comprehensive plan or strategic plan that addresses natural disasters?		
Have a floodplain manager or planner who participates in the following organizations: Association of State Floodplain Managers or State Floodplain Management Association?		
American Planning Association (APA) or state APA chapter?		
American Society of Civil Engineers (ASCE) or state or local section of ASCE?		
American Public Works Association?		
Have first-hand experience with disaster recovery within the last 10 years?		
Have a communication system to use before, during and after a disaster?		
Total number of Yes answers and No answers:		

ADDITIONAL NOTES

DID YOU KNOW?

Communities with a multi-hazard mitigation plan can receive up to 294 points through the Community Rating System.

MITIGATION MEASURES

4. Has your community implemented the following ongoing mitigation measures or projects? Check Yes or No.

Mitigation measures in place	Yes	No
Example: Relocation of buildings and infrastructure		√
Elevation of residential, nonresidential buildings, or infrastructure to National Flood Insurance Program standards for your community*		
Relocation of buildings and infrastructure from flood-prone areas		
Flood-proofing of nonresidential structures		
Education programs about mitigation options for your community		
Acquisition of repetitive loss structures, infrastructure, or property		
Incentives-based mitigation measures		
Adoption of the most recent International Building Codes		
Hiring certified building inspectors		
Staffing an adequate number of people to enforce building codes		
Have completed or planned shoreline restoration projects for critically eroding areas		
Require the protection and maintenance of sensitive coastal habitats, ecosystems, and natural features (dunes, barrier islands, salt marshes, mangroves)		
Have undeveloped public lands, such as parks, forests or preserves in the coastal high hazard areas (V-zone on FIRM map)		
Total number of Yes answers and No answers:		

ADDITIONAL NOTES

DID YOU KNOW?

Creating permanent no-build areas can earn a community up to 900 points through the Community Rating System. For buildings in hazardous areas that cannot be relocated or removed, retrofitting of existing structures is an option that can earn communities up to 2,800 points.

*Note that the Association of State Floodplain Managers recommends communities consider higher elevations than the minimum National Flood Insurance Program standard.

BUSINESS PLANS

5. What assets do the large retail stores (The Home Depot, Wal-Mart, etc.), grocery stores and fuel distributors in your community have to reopen after a disaster? If more than 50 percent of the businesses in your community have the following equipment or plans, mark yes. If fewer than 50 percent have the equipment or plans, check no.

Business equipment/plans*	Yes (50% or more)	No (Less than 50%)
Example: Generators		√
Generators		
Backup options for basic needs (water, sewer, food, and communications)		
Plans to bring in staff to help reopen the business (considering impacts to staff)		
Plans for restocking		
Plans for ice distribution		
Total number of Yes and No answers:		

ADDITIONAL NOTES

DID YOU KNOW?

Communities that create a Post Disaster Recovery Plan can earn up to 10 points through the Community Rating System. This requires working with all sectors of the community.

*Businesses may include functioning marinas or ports as important distribution points after a disaster. If so, consider the assets these businesses have to reopen after a disaster.

SOCIAL SYSTEMS

6. Are there social systems that define your community or serve as the core of your community? Check Yes or No.

Social system category	Yes	No	If yes, describe relationship
Example: Strong faith-based networks	√		*Church networks*
Strong faith-based networks (counted on during a disaster)			
Cultural identity (unified Hispanic, Asian or other ethnic communities)			
Neighborhood associations Support members in times of need			
Business cooperative or working relations (industries that employ many residents, Chamber of Commerce, other business-related networks, etc.)			
Strong civic organizations (Kiwanis Club, Rotary Club, etc.)			
Total number of Yes answers and No answers:			

ADDITIONAL NOTES

DID YOU KNOW?

Several agencies, organizations, and programs provide information on flooding, erosion, and other coastal hazards. Communities that make hazard information available and accessible to the general public can earn up to 30 points through the Community Rating System.

DETERMINING YOUR RESILIENCE INDEX

To determine your Resilience Index for each section, use the following tables, which are based on the totals you entered for each section of the Index.

Section 1A: Critical Infrastructure

Total number of infrastructure functioning after a disaster: _____

Number of check marks	Percentage of infrastructure and facilities functioning after a disaster	Resilience Index
0	0%	LOW
1	25%	LOW
2	50%	MEDIUM
3	75%	MEDIUM
4	100%	HIGH

Your critical infrastructure Resilience Index is _____.

Find out what your Resilience Index means on page 11.

Section 1B: Critical Facilities

Total number of critical facilities functioning after a disaster: _____

Number of check marks	Percentage of critical facilities functioning after a disaster	Resilience Index
1	13%	LOW
2	25%	LOW
3	38%	LOW
4	50%	MEDIUM
5	63%	MEDIUM
6	75%	MEDIUM
7	88%	HIGH
8	100%	HIGH

Your critical facilities Resilience Index is _____.

Find out what your Resilience Index means on page 11.

Sections 2-6: Transportation, Community Plans, Mitigation Measures, Business Plans and Social Systems

Use the box labeled "Total number of Yes answers" from Sections 2-6 to complete the following chart.

Sections 2-6	Number of Yes answers	Translate number of Yes answers to Resilience Index	Resilience Index	Comments
(Example) Section 2: Transportation issues	*1*	*2 or fewer (LOW)* *3 to 4 (MEDIUM)* *5 or more (HIGH)*	*LOW*	*A road construction project will create an additional evacuation route within a year. Also, we are in talks with the local public transportation provider about a program to assist evacuation.*
Section 2: Transportation Issues		2 or fewer (LOW) 3 to 5 (MEDIUM) 6 or more (HIGH)		
Section 3: Community Plans and Agreements		4 or fewer (LOW) 5 to 8 (MEDIUM) 9 or more (HIGH)		
Section 4: Mitigation Measures		4 or fewer (LOW) 5 to 8 (MEDIUM) 9 or more		
Section 5: Business Plans		1 or fewer (LOW) 2 to 3 (MEDIUM) 4 or more (HIGH)		
Section 6: Social Systems		1 or fewer (LOW) 2 to 3 (MEDIUM) 4 or more (HIGH)		

ADDITIONAL NOTES

INTERPRETING RESILIENCE INDEX RESULTS

RESILIENCE INDEX: A Resilience Index is an indicator of your community's ability to reach and maintain an acceptable level of functioning and structure after a disaster.

After completing the Summary section of this self-assessment, your Resilience Index was identified as LOW, MEDIUM or HIGH in different categories.

LOW Resilience Index. A low Resilience Index indicates that your community should pay specific attention to this category and should make efforts to address the areas of low rating. If the critical infrastructure category received this rating, then reoccupation of your community may take more than 18 months before basic services are restored.

MEDIUM Resilience Index. A medium Resilience Index indicates that more work could be done to improve your Resilience in this category. If the critical infrastructure category received this rating, reoccupation of your community may take less than 2 months before basic services are restored.

HIGH Resilience Index. A high Resilience Index indicates that your community is well prepared for a storm event. If the critical infrastructure category received this rating, then the community probably will not suffer or will have minimal damage (can be functional in less than two weeks) to basic services.

NEXT STEPS

Regardless if your city has a HIGH, MEDIUM OR LOW Resilience Index, you should learn about and investigate the weaknesses you have identified during this process. Refer to the references page for additional information on resources, training, and support.

For more information, contact the NOAA Gulf of Mexico Coastal Storms Program Outreach Coordinator, Mississippi-Alabama Sea Grant Consortium, 703 East Beach Drive, Ocean Springs, MS, 39564, or (228) 818-8829.

ACKNOWLEDGMENTS

Appreciation is extended to the following communities for donating their time, sharing their expertise, and assisting us in strengthening the Index through their participation as pilot communities. In alphabetical order:

Bayou La Batre, AL
Biloxi, MS
Cameron Parish, LA
Cedar Key, FL
Dauphin Island, AL
Ft. Myers Beach, FL
Gulf Shores, AL
Marco Island, FL
Ocean Springs, MS
Orange Beach, AL
Pascagoula, MS
Pass Christian, MS
Port Arthur, TX
Sarasota, FL
St. Tammany Parish, LA
Steinhatchee, FL

A special thank you to members of the Gulf of Mexico Alliance Resilience Team and Gulf of Mexico Sea Grant Extension Specialists for their assistance in making suggested changes, pilot testing the draft versions, and promoting the use of the Index in local communities.

REFERENCES

Useful Definition

Critical facility (also called critical action) means facilities for which the effects of even a slight chance of flooding would be too great. The minimum floodplain of concern for critical facilities is the 0.2 percent chance flood level. Critical facilities include, but are not limited to facilities critical to the health and safety of the public such as: emergency operations centers, designated public shelters, schools, nursing homes, hospitals, police, fire and emergency response installations, vital data storage centers, power generation and water and other utilities (including related infrastructure such as principal points of utility systems) and installations which produce, use or store hazardous materials or hazardous waste (as defined under the Clean Water Act and other Federal statutes and regulations). Such facilities and access to such facilities will be constructed outside the one percent chance Special Flood Hazard Area or elevated/protected to or above the 0.2 percent chance flood level.

Additional Resources

Resilience Index Critical Facilities Mapping Tool: **www.csc.noaa.gov/criticalfacilities**
Risk and Vulnerability Assessment Tools: **www.csc.noaa.gov/rva_tools**
Community Rating System: **http://www.fema.gov/business/nfip/crs.shtm**
StormSmart Coasts Network: **http://stormsmart.org**
NOAA Coastal Storms Program: **www.coastalstorms.noaa.gov**
Gulf of Mexico Alliance Resilience Team: **www.gulfofmexicoalliance.org/issues/resilience.html**

Training

Gulf of Mexico Sea Grant College Programs: **http://gulfseagrant.org**
- Florida Sea Grant: **http://www.flseagrant.org**
- Louisiana Sea Grant: **http://www.laseagrant.org**
- Mississippi-Alabama Sea Grant: **http://www.masgc.org**
- Texas Sea Grant: **http://texas-sea-grant.tamu.edu**

Coastal Services Center: **http://www.csc.noaa.gov/training/**

National Estuarine Research Reserves Coastal Training Program: **http://gulfalliancetraining.org/**

Federal Emergency Management Agency: **http://training.fema.gov/**
- AL Emergency Management Agency Training: **http://ema.alabama.gov/Organization/Preparedness/Training.cfm**
- FL Division of Emergency Management Training: **http://floridadisaster.org/TrainingCalendar/index.asp**
- LA Homeland Security & Emergency Preparedness Training: **http://www.ohsep.louisiana.gov/Training/**
- MS Emergency Management Agency Training: **http://www.msema.org/training/**
- TX Division of Emergency Management Training: **http://www.txdps.state.tx.us/dem/pages/Training.htm**

Networking

StormSmart Connect: **http://stormsmartconnect.org**

Contacts

Tracie Sempier
Coastal Storms Outreach Coordinator
Mississippi-Alabama Sea Grant Consortium
(228) 818-8829
tracie.sempier@usm.edu

Jody Thompson
Regional Outreach Coordinator
Auburn University Marine Extension & Research Center
(251) 438-5690
jody.thompson@auburn.edu

In Memoriam

DR. ROD EMMER

1944 — 2008

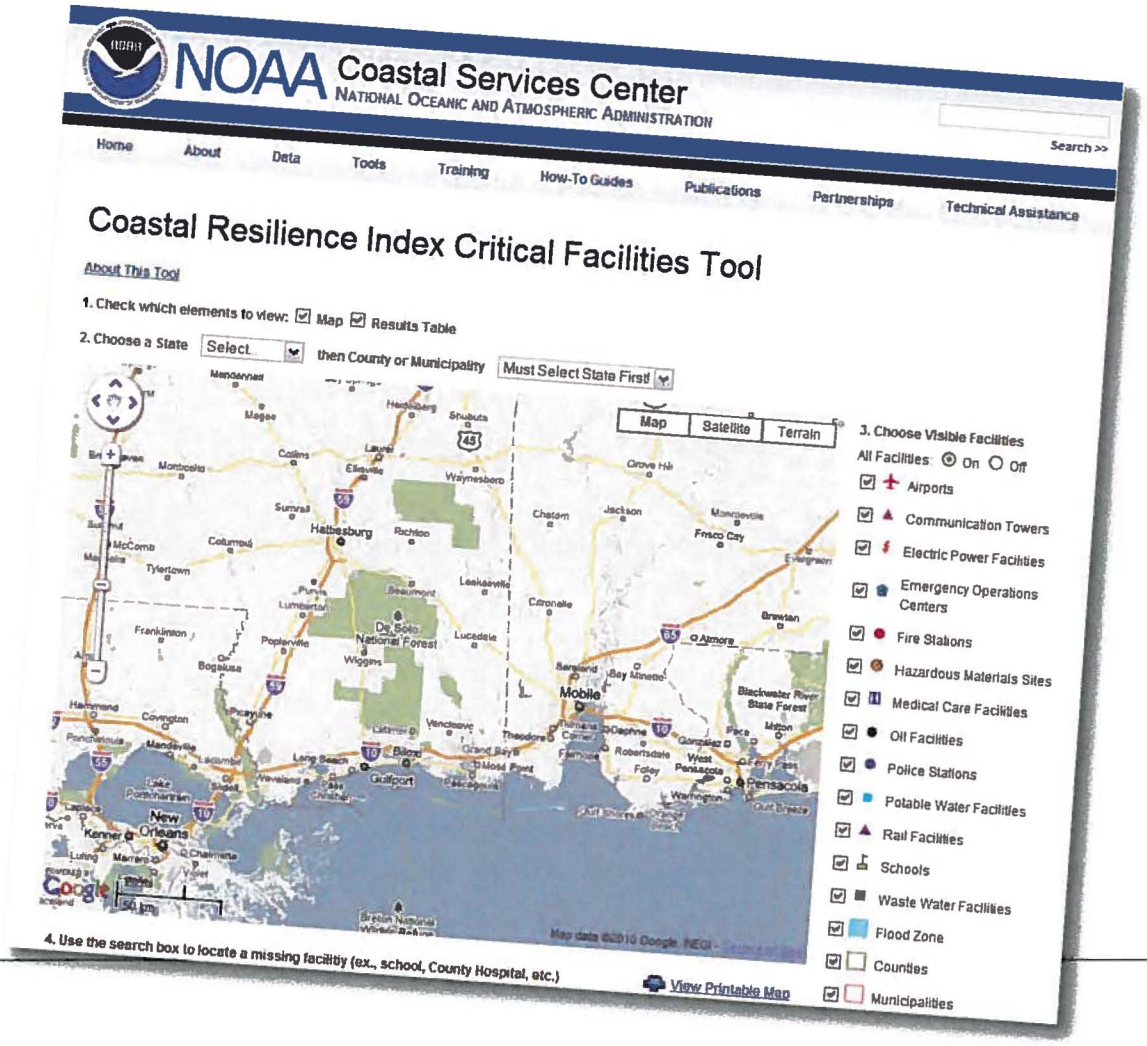
The original concept for the Resilience Index was born from the work Dr. Emmer conducted in local communities through Louisiana Sea Grant. With his passing, the Gulf region lost a great resource of knowledge and experience in the fields of floodplain management, hazard mitigation, geography, and culture. Although he was not able to see this final version of the Index, it is sincerely hoped he would approve of the transformation this tool has made and its potential to assist many communities across the Gulf and the nation.
(Photo courtesy of Louisiana Sea Grant)

NEXT STEPS

Coastal Resilience Index Critical Facilities Tool

http://csc.noaa.gov/criticalfacilities/

- assists communities in completing sections of the Index
- includes drop down menus for selecting your state, then county, or municipality
- generate and print reports directly from the site



StormSmart Coasts Network

http://stormsmart.org/

- Learn how to identify your community's risks
- Find ways to reduce those risks (and the funding to do so)
- Discover what other communities across the Gulf and the nation are doing to address their risks
- Find others working to protect their communities

StormSmart Coasts

Connect. Communicate. Collaborate.

Gulf of Mexico Alliance

Coastal Community Small Grants
Request for Community Projects

Deadline for Submission: December 9, 2016 at 4:00pm central time

The Gulf of Mexico Alliance in collaboration with the Mississippi-Alabama Sea Grant Consortium are seeking proposals from coastal communities who wish to proactively address their vulnerabilities to coastal hazards identified during a community self-assessment. These collaborative projects will involve technical and financial assistance from the Gulf of Mexico Alliance Community Resilience and Habitat Resources Priority Issue Teams during the duration of the project. Interested communities should submit a proposal detailing their needs and how these funds would help address the identified needs through the implementation of resilience actions.

Purpose of Funding Opportunity:
The overarching goal is to help Gulf of Mexico coastal communities who have completed the Community Resilience Index, or other similar vulnerability assessment, to enhance their overall resilience to future coastal hazards. Applicants should be prepared to discuss their proposals and how it relates to community needs at any time during this review period. A meeting or conference call may be arranged if the review panel has additional questions for the applicant.

Objectives:

1) Gulf of Mexico communities implement measures that prevent or mitigate future coastal hazard damages and/or increase community dialog about preparedness, response, and recovery.
2) The Gulf of Mexico Alliance Community Resilience and Habitat Resources Teams learn from a series of demonstration projects, and transfer lessons learned and processes to communities around the Gulf.
3) Selected communities apply a variety of tools to enhance community resilience and work with Gulf of Mexico Alliance members to inform the development of an interactive decision-support document that will include case studies from community projects.

Eligibility: Local governments, county/parish governments, municipalities, tribes, and regional councils/commissions are eligible. Communities must complete the Community Resilience Index, or similar vulnerability assessment, prior to their submission. A vulnerability assessment must be completed in collaboration with multiple sectors within the community and include a thorough evaluation of built infrastructure, transportation, existing community and critical businesses plans, social networks, mitigation measures, and wetland/wildlife protection.

Funding Amount and Duration: Total funding available for this competition is $450,000 with the expectation of funding 10 awards (3 in Texas; 3 in Florida; 2 in Louisiana; 1 in Mississippi; 1 in Alabama). The number of awards per state was pre-determined in the parent project and is based on miles of coastline for each state. Each community project is eligible for up to $45,000. Projects are expected to begin March 1, 2017 and must be completed within 18 months.

Geographic Requirements: Community projects must be located in the Gulf coast region of Florida, Alabama, Mississippi, Louisiana, or Texas, as defined in Figure 1.

Match Requirement: Communities must provide nonfederal match of at least 50% of the total funding request through this RFP. For example, if a community requests $45,000, a match of $22,500 is required. In addition to non-federal funds, match can also include staff work hours, facilities provided, travel support, equipment provided, or supplies provided.

Proposal Guidelines: A short, 5-page proposal (including cover page) describing your cooperative project is required for this competition in order to be eligible to receive funds. The purpose of the proposal process is to inform the review team of project details and commitment of potential participating communities.

Projects will be viewed favorably if they:

- Directly address gaps/vulnerabilities identified during the Community Resilience Index meeting(s) or other similar vulnerability assessment(s).
- Have strong support from city/county officials and/or other relevant boards and commissions within the community
- Show collaboration with the Gulf of Mexico Alliance Community Resilience and Habitat Resources Team members (see table below for state contacts)

Submission materials (one-inch margins, single spaced, 12 point font):

1. Cover page (1 page)
    - Project title
    - Community, State
    - Name, title, affiliation and contact information for people submitting the proposal (include full name, title, address, telephone number, fax number and email address)
2. Proposal Narrative (up to 4 pages)
    - Project details
        1. Provide a brief summary detailing the interest of your community or communities in addressing vulnerabilities identified in your Community Resilience Index assessment or other similar vulnerability assessment tool.
        2. Identify potential experienced staff who will dedicate time to working with the Gulf of Mexico Alliance Team members in their state to support the project.
        3. Describe the vulnerability of the community to storm/climate associated risks and why this project would help address those vulnerabilities.
        4. Explain how the project directly links to your community's completion of the Community Resilience Index or other similar vulnerability assessment.
        5. Include a brief timeline for completion of activities.
    - Briefly describe any past demonstrated success in implementing resilience practices.
    - List any existing partnerships that could assist in the project.
    - List what funds you plan to leverage or in kind support you will dedicate to complete the project.

Contacts:

Submission Questions	Sharon Hodge, Gulf of Mexico Alliance, Grant Administrator	Sharon.Hodge@gomxa.org 228-215-1241
Technical or Budget Questions	Tracie Sempier, Gulf of Mexico Alliance & MS-AL Sea Grant Consortium	Tracie.Sempier@gomxa.org 228-215-1247
State Contacts	Florida: Becky Prado Alabama: Will Underwood Mississippi: Rhonda Price Louisiana: James Pahl Texas: Kate Saul	Rebecca.Prado@dep.state.fl.us Will.Underwood@dcnr.alabama.gov Rhonda.Price@dmr.ms.gov James.Pahl@la.gov Kate.Zultner@glo.texas.gov

Submission: Proposals are due by 4:00 p.m. Central Time on December 9, 2016. Proposals must be submitted electronically to Sharon Hodge (Sharon.Hodge@gomxa.org) in MS Word or pdf format.

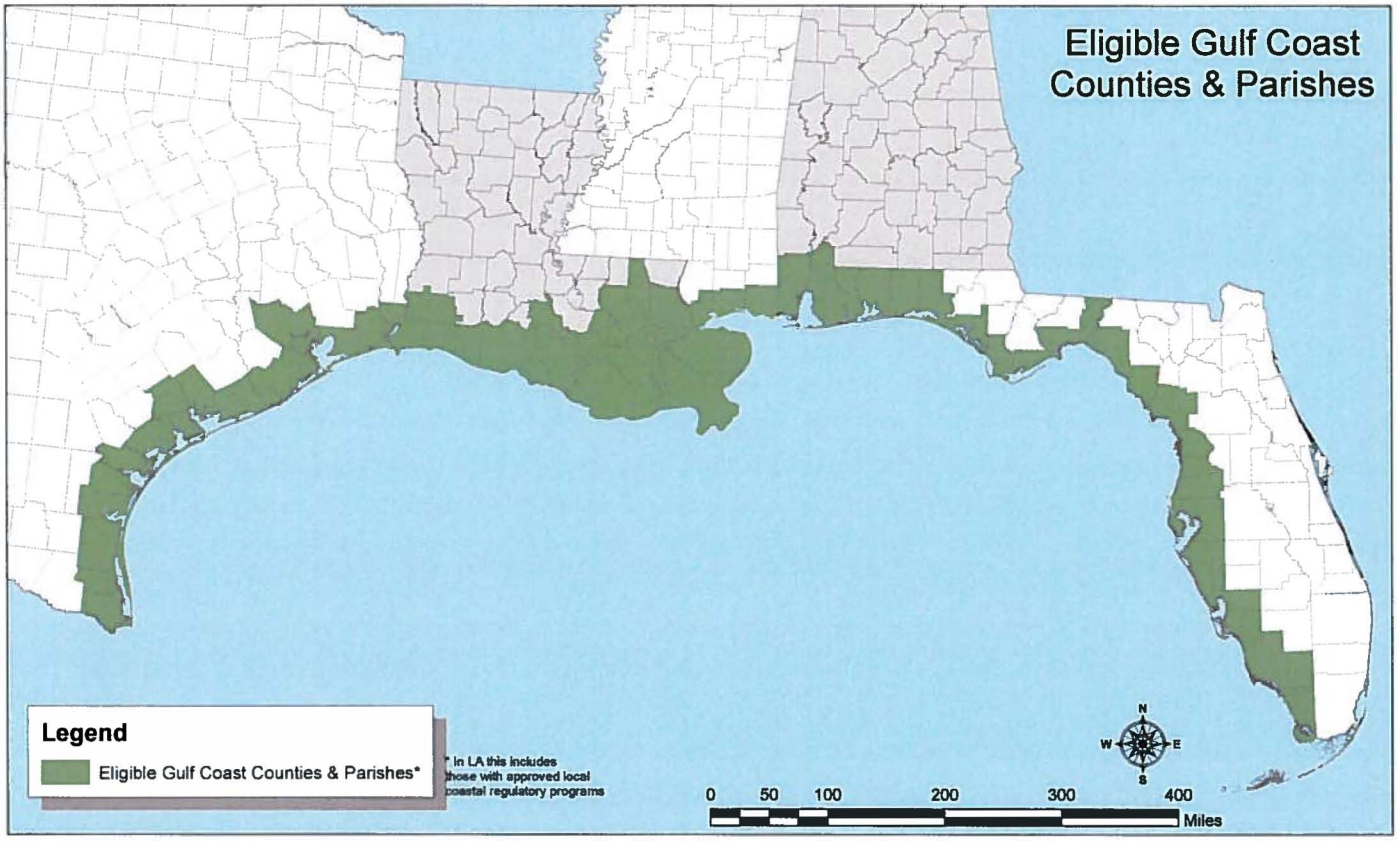
Notification: Applicants will be notified of the panel's decision on or before January 24, 2017.

Conference Call: If you have questions regarding this call for proposals, please join us for a question and answer session on October 18, 2016. Call-in information is below.

Re: Proposal Question and Answer Call
Date: Tuesday – October 18, 2016
Time: 10:00 a.m. – Central/ 11:00 a.m. – Eastern

Dial in Number: 1-888-537-7715
Participant PIN: 32271599#

FIGURE 1: Eligibility- Local governments, county/parish governments, municipalities, tribes, and regional councils/commissions must fall within the shaded green areas.



Item No. 10

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and possible action, upon second reading and after GLO comments, to recommend City Council issues a Beach-Dune permit for the mitigation efforts at 4704 Gulf Blvd. (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

MEMORANDUM

TO: Shoreline Task Force
Natalie Bell, General Land Office

FROM: Brandon N. Hill, Shoreline Management Department Project and Program Manager

DATE: September 12, 2016

RE: Preliminary determination on the impact of the proposed Addition to Current Condo Units at 4704 A&B Gulf Blvd SPI Texas by H2O construction on behalf of Trish Smith

The enclosed application materials present plans for an addition to the current condo units at 4704 A&B Gulf Blvd SPI Texas. The preliminary determination of the Shoreline Management Department is that the proposed activity will have no impact on dune vegetation and minimal impact on drainage and water flow.

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 will 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 minimal adverse effects on dune vegetation. These effects will be mitigated through the actions outlined in the attached mitigation plan.

5. The proposed activity will not significantly increase the potential for washover or blowouts.

_____
Brandon N. Hill

Project Description

The property owners at 4704 A&B Gulf Blvd wish to construct additions to the east and west side of the condo structures. This construction will necessitate a beach and dune permit due to the property existing east of Gulf Boulevard and that the construction, at least in part will be increasing or altering the footprint of the existing structure (B&D Ord. Section 22-7). On the west side of the condos the structure located on lot 4-A will have an addition added that measures approximately 148 sq. ft. The west side will also have a balcony added that measures approximately 111 sq. feet. On the East side of the condo both structures on lots 4-A and 4-B will have new decks each measuring approximately 258.5 sq. ft. This construction does classify as altering and increasing the footprint of these existing structures however the construction will take place over existing concrete pads. While classifies as changing the structure, no damage will directly befall the dune habitat or plants. The alterations of the structure may slightly alter the drainage off of the building, however any change ought to only be superficial and ultimately negligible.

TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

October 21, 2016

Via Electronic Mail

Brandon Hill
Shoreline Management Department
City of South Padre Island
4601 Padre Blvd.
South Padre Island, Texas 78597-3410

Beachfront Construction Certificate & Dune Protection Permit in the City of South Padre Island

Site Address:	4704 A & B Gulf Boulevard, South Padre Island
Legal Description:	Lot 4A and 4B, Block 141, Padre Beach Section IX
Lot Applicant:	Patricia Smith c/o H2O Construction
GLO ID No.:	BDSPI-16-0324

Dear Mr. Hill:

The General Land Office has reviewed the application for a beachfront construction certificate and dune protection permit for the above-referenced location. The applicant proposes to construct a living area addition and a deck addition to existing condominiums. There will be no impervious cover increase due to the proposed construction activities. The proposed construction is located landward of the Historic Building Line (HBL). According to the Bureau of Economic Geology, the proposed construction is located in an area that is considered stable.

Based on the materials forwarded to our office for review, we have the following comment:

- The activity shall not result in the potential for increased flood damage to the proposed construction site or adjacent property.[1]

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

Sincerely,

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

[1] SPI Dune Protection and Beach Access Plan, Sec. 22-10, D (1)


4704 Gulf Blvd


4704 Gulf Blvd
Gulf Blvd

Beach & Dune Application

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

Site for Proposed Work

Legal Description: Lot 4(A)(B) Block 14 Padre Beach Section IX
Physical Address: 4704 A+B Gulf Blvd SPI Texas

Property Owner Information		Applicant / Agent for Owner	
Name	Trish Smith	Name:	H2O Construction
Mailing Address:	9415 Lee Blvd	Mailing Address:	P.O. Box 532845
City	Leawood, KS	City:	Harlingen
State:	KS	State:	TX
Zip:	66206	Zip:	78553
Country:	USA	Country:	USA
Phone Number:	(913) 526 9003	Phone Number:	(956) 495-6953
Fax Number:		Fax Number:	
E-Mail Address:	Trishsmith49@gmail.com	E-Mail Address:	Chamsy2136@aol.com

I / We, owners of the above-mentioned property, authorize the applicant stated above, to act in my behalf in order to acquire a Beach and Dune permit for the construction proposed below. (owner initials here TS)

Owner(s) Signature(s): Trish Smith
Date: 8/29/16

Applicant Signature: [signature]
Date: 8/30/16

Project Description

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, kinds of fences, whether footings and/or retaining walls will be installed, and locations of proposed landscaping and parking.

addition to current condo units (see Plans)

Total Square Footage of Footprint of Habitable Structure: 2858, 2458

Total Area of Impervious Surface (i.e. retaining walls, walkways, drives, patios, etc.): 622, 622

Percentage Impervious Surface [(impervious surface / habitable footprint)* 100]: ~~[illegible]~~ 9.5%

Please Note: the percentage of impervious surface cannot exceed 6% in an eroding area.

Approximate Duration of Construction: 3 months

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: Survey, architechtural, Engineering Date Submitted: 9/2/16

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 _____% 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) may be necessary to insure the mitigation of dunes/dune vegetation takes place as proposed and required of the applicant

Type of Plan Submitted _____ Date of Submission _____

Checklist of Additional Required Application Information

An accurate map, plat or site plan showing:

- [x] 1. Legal description of the property (lot, block, subdivision) and the immediately adjoining property.
- [x] 2. Location of all existing structures - including the habitable and inhabitable structures, swimming pools, decks, fences, parking areas, landscape areas, etc.
- [x] 3. 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.
- [x] 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.
- [x] 5. Location of proposed structure(s) - if proposing the construction of a retaining wall, please also include the proposed elevation of the retaining wall
- [x] 6. Location of proposed driveways, parking areas (showing the # of proposed parking spaces) and landscape areas.
- [x] 7. Location of all existing and proposed beach access paths and/or dune walkovers.
- [x] 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:

- [x] 1. A grading and layout plan showing proposed contours for the final grade.
- [x] 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.

SIERRA TITLE CO.

GF No. 2102053

NOTICE TO PURCHASERS

The real property, described below, which you are about to purchase, is located in the Laguna Madre Water District. The district has taxing authority separate from any other taxing authority, and may, subject to voter approval, issue an unlimited amount of bonds and levy an unlimited rate of tax in payment of such bonds. As of this date, the rate of taxes levied by the district on real property located in the district is $ 0.0808200 on each $100 of assessed valuation. If the district has not yet levied taxes, the most recent projected rate of Tax, as of this date is $ 0.0808200 on each $100 of assessed valuation. The total amount of bonds, excluding refunding bonds and any bonds or any portion of bonds issued that are payable solely from revenues received or expected to be received under a contract with a governmental entity, approved by the voters and which have been or may, at this date be issued is $ 10,005,00.00, and the aggregate initial principal amounts of all bonds issued for one or more of the specified facilities of the district and payable in whole or in part from property taxes is $ 10,005,00.00.

The district has the authority to adopt and impose a standby fee on property in the district that has water, sanitary sewer, or drainage facilities and services available, but not connected and which does not have a house, building, or other improvement located thereon and does not substantially utilize the utility capacity available to the property. This district may exercise the authority without holding an election on the matter. As of this date, the amount of the standby fee is $-0-. An unpaid standby fee is a personal obligation of the person that owned the property at the time of imposition and is secured by a lien on the property. Any person may request a certificate from the district stating the amount, if any, of unpaid standby fees on a tract of property in the district.

The district is located in whole or in part within the corporate boundaries of the Town of South Padre Island, the City of Port Isabel and the Town of Laguna vista. The taxpayers of the district are subject to the taxes imposed by the municipality and by the district until the district is dissolved. By law, a district located within the corporate boundaries of a municipality may be dissolved by municipal ordinance without the consent of the district or the voters of the district.

The purpose of this district is to provide water, sewer, drainage, or flood control facilities and services within the district through the issuance of bonds payable in whole or in part from property taxes. The cost of these utility facilities is not included in the purchase price of your property, and these utility facilities are owned or to be owned by the district. The legal description of the property, which you are acquiring, is as follows:

Lot 4B, Block 141, PADRE BEACH, Section 9

SELLERS:

DATE: 11/2/2010 — Danny Watkins

DATE: 11/2/2010 — Alma A. Watlkins

PURCHASER IS ADVISED THAT THE INFORMATION SHOWN ON THIS FORM IS SUBJECT TO CHANGE BY THE DISTRICT AT ANY TIME. THE DISTRICT ROUTINELY ESTABLISHES TAX RATES DURING THE MONTHS OF SEPTEMBER THROUGH DECEMBER OF EACH YEAR, EFFECTIVE FOR THE YEAR IN WHICH THE TAX RATES ARE APPROVED BY THE DISTRICT. PURCHASER IS ADVISED TO CONTACT THE DISTRICT TO DETERMINE THE STATUS OF ANY CURRENT OR PROPOSED CHANGES TO THE INFORMATION SHOWN ON THIS FORM.

The undersigned purchaser hereby acknowledges receipt of the foregoing notice at or prior to execution of a binding contract for the purchase of the real property described in such notice or at closing of purchase of the real property.

BUYERS:

DATE: 11/2/2010 — Timothy Smith

DATE: 11/2/2010 — Patricia Smith

(Acknowledgment)

STATE OF TEXAS
COUNTY OF CAMERON

The instrument was acknowledged before me on the 2nd day of November, 2010 by Danny Watkins and Alma A. Watlkins.

Notary Public, State of Texas
Notary's name (printed):
My commission expires

PAMELA KAY DEAN
Notary Public, State of Texas
My Commission Expires 10-19-2012

(Acknowledgment)

STATE OF TEXAS
COUNTY OF CAMERON

The instrument was acknowledged before me on the 2nd day of November, 2010, by Timothy Smith and Patricia Smith.

Notary Public, State of Texas
Notary's name (printed):
My commission expires:

MARIA E LEAL
Notary Public, State of Texas
My Commission Expires 10-19-2013

AFTER RECORDING RETURN TO:	PREPARED IN THE LAW OFFICE OF:
SIERRA TITLE COMPANY	JOHN ROBERT KING
3311 Padre Blvd., Suite E	3409 N. 10th, Suite 100
South Padre Island, Texas 78597	McAllen, Texas 78501
File No.: 2102053	

LOAN NO. 0308080902

WARRANTY DEED WITH VENDOR'S LIEN

SIERRA TITLE CO.

GF No. 2102053

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

Grantor: **DANNY WATKINS AND SPOUSE, ALMA A. WATKINS**

Grantor's Mailing Address:

Grantee: **TIMOTHY SMITH AND SPOUSE, PATRICIA SMITH**

Grantee's Mailing Address: **9415 LEE BLVD., LEAWOOD, KANSAS 66206**

Consideration: TEN AND NO/100-------($10.00)------DOLLARS and other good and valuable consideration to Grantor in hand paid by Grantee, the receipt and sufficiency of which is hereby acknowledged and confessed, and for the further consideration of the execution and delivery by said Grantee of the Promissory Note(s) in the original principal sum, being in the amount specified in that certain Deed of Trust referenced below, being of approximate even date herewith, payable to the order of **WELLS FARGO BANK, NATIONAL ASSOCIATION**, hereinafter called "Mortgagee", and bearing interest at the rate therein provided; said Note(s) containing an attorney's fee clause and acceleration of maturity clause in case of default, and being secured by Vendor's Lien and Superior Title retained herein in favor of said Grantor and assigned to Mortgagee, and also being secured by a Deed of Trust of even date herewith from Grantee to **DUDLEY BEADLES**, TRUSTEE(S).

Property (including any improvements).

LOT 4-B, BLOCK 141 BEING A REPLAT OF LOT 4, BLOCK 141, PADRE BEACH SECTION IX, IN THE TOWN OF SOUTH PADRE ISLAND, CAMERON COUNTY, TEXAS, ACCORDING TO MAP OF SAID SUBDIVISION, RECORDED IN CABINET 1, SLOT 1183-A, MAP RECORDS, CAMERON COUNTY, TEXAS.

Reservations from Conveyance: NONE

Exceptions to Conveyance and Warranty:

THIS CONVEYANCE IS EXECUTED, DELIVERED AND ACCEPTED SUBJECT TO AD VALOREM TAXES FOR THE CURRENT YEAR, ROLLBACK TAXES DUE TO THIS CONVEYANCE OR GRANTEE'S USE OF THE SUBJECT PROPERTY, MAINTENANCE FUND LIENS, ZONING ORDINANCES, UTILITY DISTRICT ASSESSMENTS AND STANDBY FEES, IF ANY, ANY AND ALL VALID UTILITY EASEMENTS CREATED BY THE DEDICATION DEED OR PLAT OF THE SUBDIVISION IN WHICH SAID REAL PROPERTY IS LOCATED, RECORDED EASEMENTS, MINERAL RESERVATIONS AND LEASES, RESTRICTIONS, COVENANTS, CONDITIONS, RIGHTS OF WAY EASEMENTS, IF ANY, AFFECTING THE HEREIN DESCRIBED PROPERTY BUT ONLY TO THE EXTENT THE SAME ARE VALID AND SUBSISTING.

Grantor, for the consideration and subject to the Reservations from Conveyance and Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the property, together with all and singular the rights and appurtenances thereto in any wise belonging, to have and hold it to Grantee, Grantee's heirs, executors, administrators, successors, or assigns forever. Grantor hereby binds Grantor and Grantor's heirs, executors, administrators, and successors to warrant and forever defend all and singular the property to Grantee and Grantee's heirs, executors, administrators, successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and Exceptions to Conveyance and Warranty.

The vendor's lien against and superior title to the property are retained until each note described is fully paid according to its terms, at which time this deed shall become absolute.

When the context requires, singular nouns and pronouns include the plural.

The said Vendor's Lien and Superior Title herein retained are hereby transferred, assigned, sold and conveyed to **WELLS FARGO BANK, NATIONAL ASSOCIATION**, its successors and assigns, the Payee named in said Note, without recourse on Grantor.

Dated the 2 day of NOVEMBER, 2010

DANNY WATKINS

ALMA A. WATKINS

(Acknowledgment)

THE STATE OF TEXAS)
COUNTY OF CAMERON)

This instrument was acknowledged before me on the 2 day of NOVEMBER, 2010, by **DANNY WATKINS AND SPOUSE, ALMA A. WATKINS.**

Notary Public, State of Texas
Notary's Name (printed):
Notary's commission expires:

PAMELA KAY DEAN
Notary Public, State of Texas
My Commission Expires 10-19-2012

(Acknowledgment)

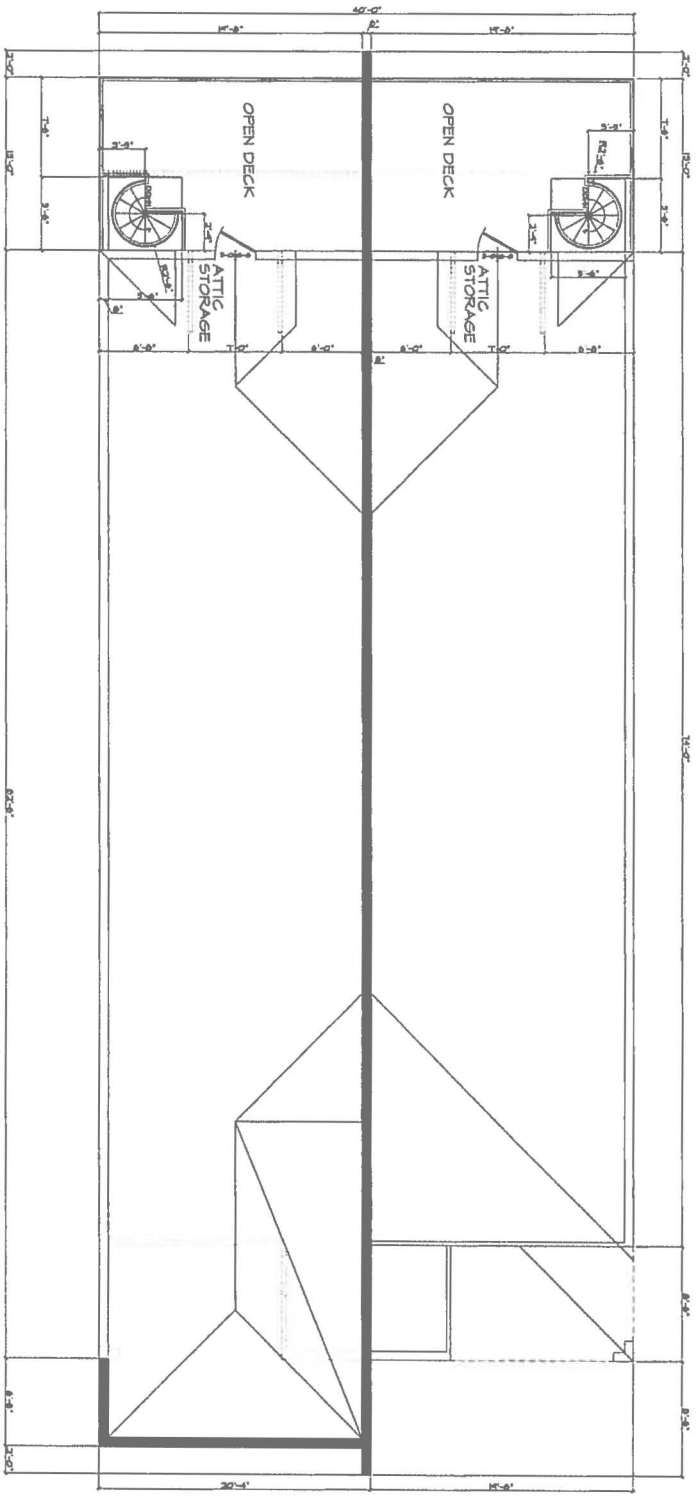
THE STATE OF _____)
COUNTY OF _____)

This instrument was acknowledged before me on the _____ day of _____, _____, by _____

Notary Public, State of _____
Notary's Name (printed):
Notary's commission expires:

NOTICE: This document affects your legal rights. Read it carefully before signing.

AFTER RECORDING RETURN TO:
TIMOTHY SMITH
9415 LEE BLVD., LEAWOOD, KANSAS 66206



project no. 15096
date drawn JAN. 29, 2016
revised
design by J.H.
drawn by M.C./J.D.
struct. by
sheet no. 5 OF 9

ARCHITECTURAL

TIM & TRISHA SMITH
SOUTH PADRE ISLAND, TEXAS

elswood smith carlson
architects, p.a.
7133 west 95th street
suite 200
overland park, ks 66212
ph: 913 649-7557
fax 913 649-9259

Item No. 11

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and Possible action, upon second reading and after GLO comments, to recommend City Council issues a Beach-Dune Permit for walkway improvements at 6200 Padre Boulevard. (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

MEMORANDUM

TO: Shoreline Task Force
Natalie Bell, General Land Office

FROM: Patrick Barrineau, Director of Shoreline Management

DATE: September 16, 2016

RE: Preliminary determination on a proposed concrete ramp

The enclosed application materials present plans for the construction of a low concrete ramp connecting a beach access walkway to a sidewalk at the northern terminus of Gulf Blvd.. The ramp measures 29' x 5', and will not displace any vegetation or dune material. In fact, only a portion of the ramp is located to the east of Gulf Blvd., which is why City staff elected to seek GLO approval.

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 will 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 no adverse effects on dune complexes of vegetation.

5. The proposed activity will not significantly increase the potential for washover or blowouts.

_____
Patrick Barrineau

Project Description
Parkshores Condominiums
7000 Gulf Blvd.
South Padre Island, TX

Project Description

The property owners at Parkshores Condominiums wish to construct a low concrete ramp to replace a degraded portion of a walkway leading from their property to the beach (see attached photos for current state of walkway). While the new structure will be impervious, it will not displace any dune vegetation and will displace minimal sands. Additionally, as you can see from the map provided, the project actually straddles the east-side right of way on Gulf Blvd. City staff elected to submit this plan to the Beach Dune Team to be certain the project is in compliance. Because of the lack of damages caused by the project, there is no mitigation plan attached to this application; the project will incur no environmental side effects while vastly improving the quality of beach access at this point.

TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

October 24, 2016

Via Electronic Mail

Brandon Hill
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
Site Address: 6200 Padre Boulevard
Legal Description: Unit 101 Parkshore Condominiums Plus 2.61% Int. in Common Area
Lot Applicant: Lupe Torres
GLO ID No.: BDSPI-16-0295a

Dear Mr. Hill:

The General Land Office (GLO) has reviewed the additional application materials for a dune protection permit and beachfront construction certificate for the above-referenced location. The applicant proposes to improve an existing beach access ramp by constructing a 5-ft by 29-ft concrete ramp connecting a beach access walkway to a sidewalk at the northern terminus of Gulf Blvd. The applicant also proposes to remove an existing metal frame that surrounds a portion of the access path. According to the Bureau of Economic Geology, the construction site is in an area that is considered stable.

Based on the application materials forwarded to our office for review, we have the following comments:

- The City of South Padre Island may not abandon, relinquish or convey any right, title, easement, right-of-way, street, path or other interest that provides existing or potential beach access, unless an alternative equivalent or better beach access is first provided consistent with the City's *Dune Protection, Beach Renourishment and Access Plan.*[1]

- Construction activities must not impact the public's ability to use or access the beach.

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

Sincerely,

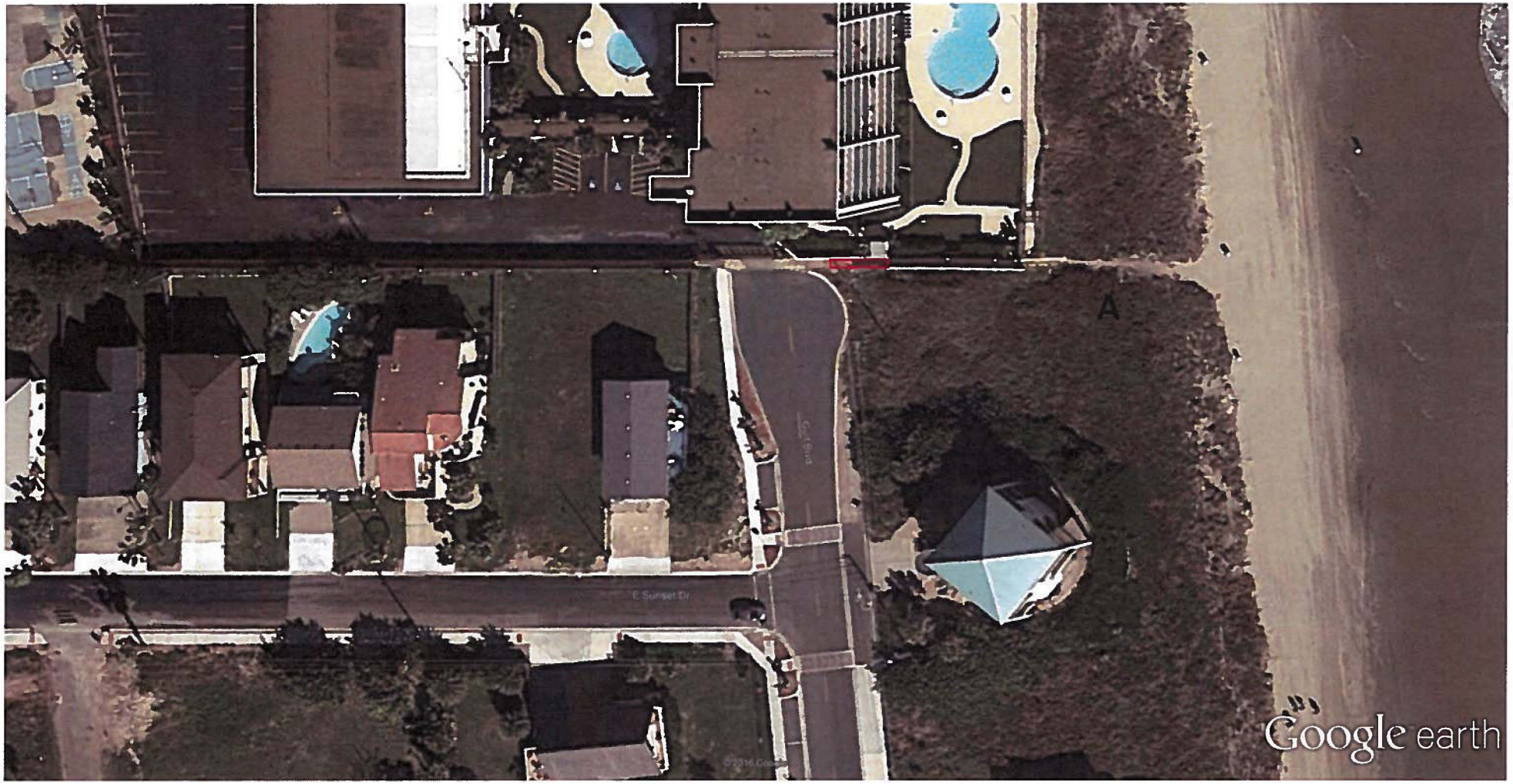
Natalie Bell
Beach Access & Dune Protection Program
Coastal Resources Division
Texas General Land Office

[1] 31 Tex. Admin. Code § 15.7(h)(2).

Proposed Alterations to Walkway at Parkshores Condominiums

South Padre Island, Texas

Patrick Barrineau



Proposed ramp

N

0’ 250’

Beach & Dune Application

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

Site for Proposed Work

Legal Description: Ramada Beach Access Physical Address: 6200 Padre Blvd

Property Owner Information		Applicant / Agent for Owner	
Name	Michael Klement Jr	Name	Lupe TORRES
Mailing Address	6200 Padre Blvd	Mailing Address	201 W. Hibiscus P.O. Box 3294
City	S. Padre Island	City	South Padre Isl
State	TX	State	TX
Zip	78597	Zip	78597
Country	Cameron	Country	US
Phone Number	956 204 9908	Phone Number	956 466-0170
Fax Number	956-761-6013	Fax Number	
E-Mail Address	RAMADA SPI@Yahoo.com	E-Mail Address	

I / We, owners of the above-mentioned property, authorize the applicant stated above, to act in my behalf in order to acquire a Beach and Dune permit for the construction proposed below. (owner initials here MK)

Owner(s) Signature(s) Applicant Signature

Date 9-2-16 Date: 9-2-16

Project Description

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, kinds of fences, whether footings and/or retaining walls will be installed, and locations of proposed landscaping and parking.

Concrete ramps, connecting street and sidewalk to beach access.

Total Square Footage of Footprint of Habitable Structure: 0 ft²

Total Area of Impervious Surface (i.e. retaining walls, walkways, drives, patios, etc.): 135 ft²

Percentage Impervious Surface [(impervious surface / habitable footprint)* 100]: 100 %

Please Note: the percentage of impervious surface cannot exceed 5% in an eroding area.

Approximate Duration of Construction: 1 week

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 N/A

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 _____ Date of Submission _____

Checklist of Additional Required Application Information

An accurate map, plat or site plan showing:

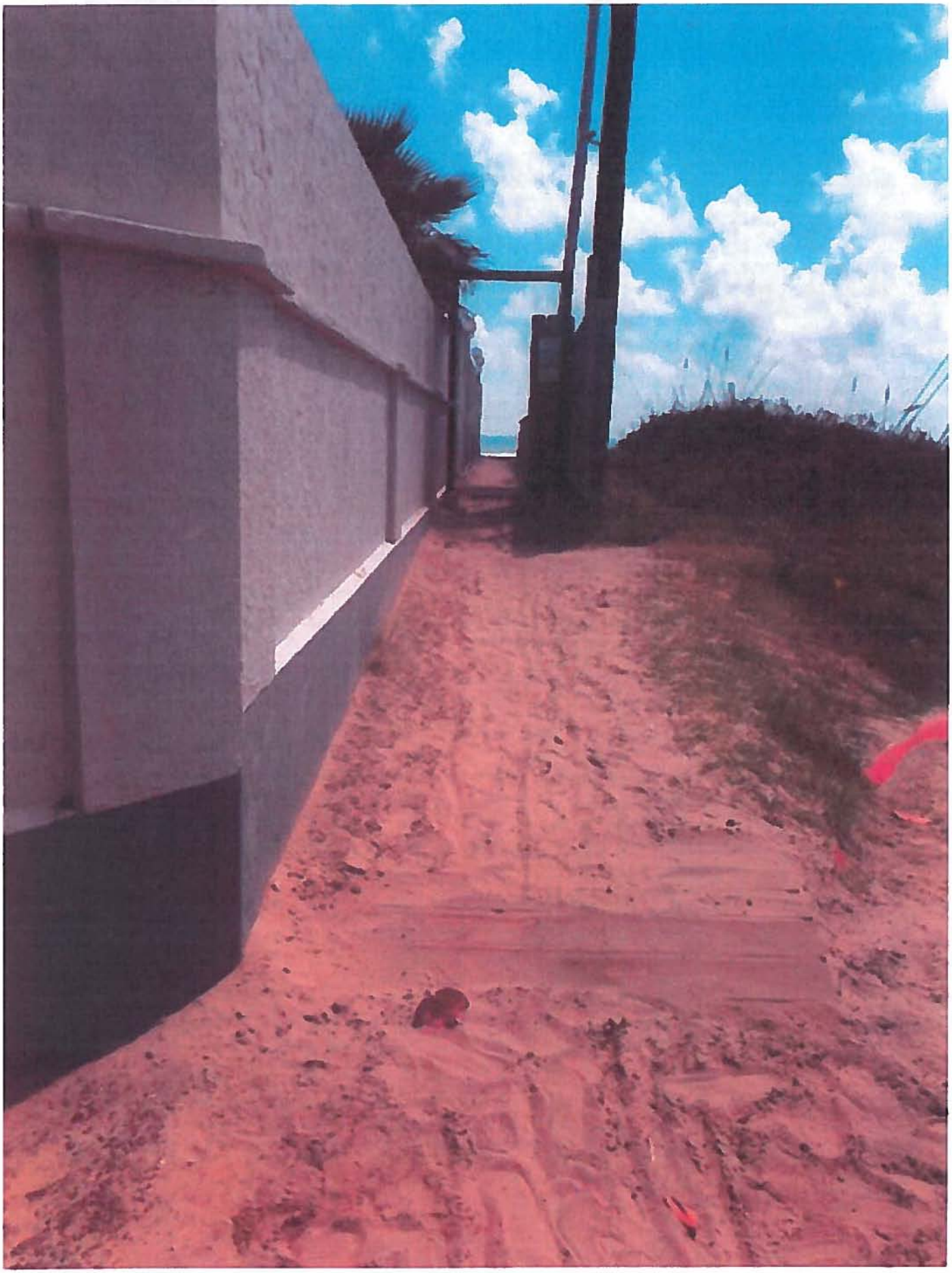
- ☐ 1. Legal description of the property (lot, block, subdivision) and the immediately adjoining property
- ☐ 2. Location of all existing structures - including the habitable and inhabitable structures, swimming pools, decks, fences, parking areas, landscape areas, etc
- ☐ 3. Location of the Historical 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

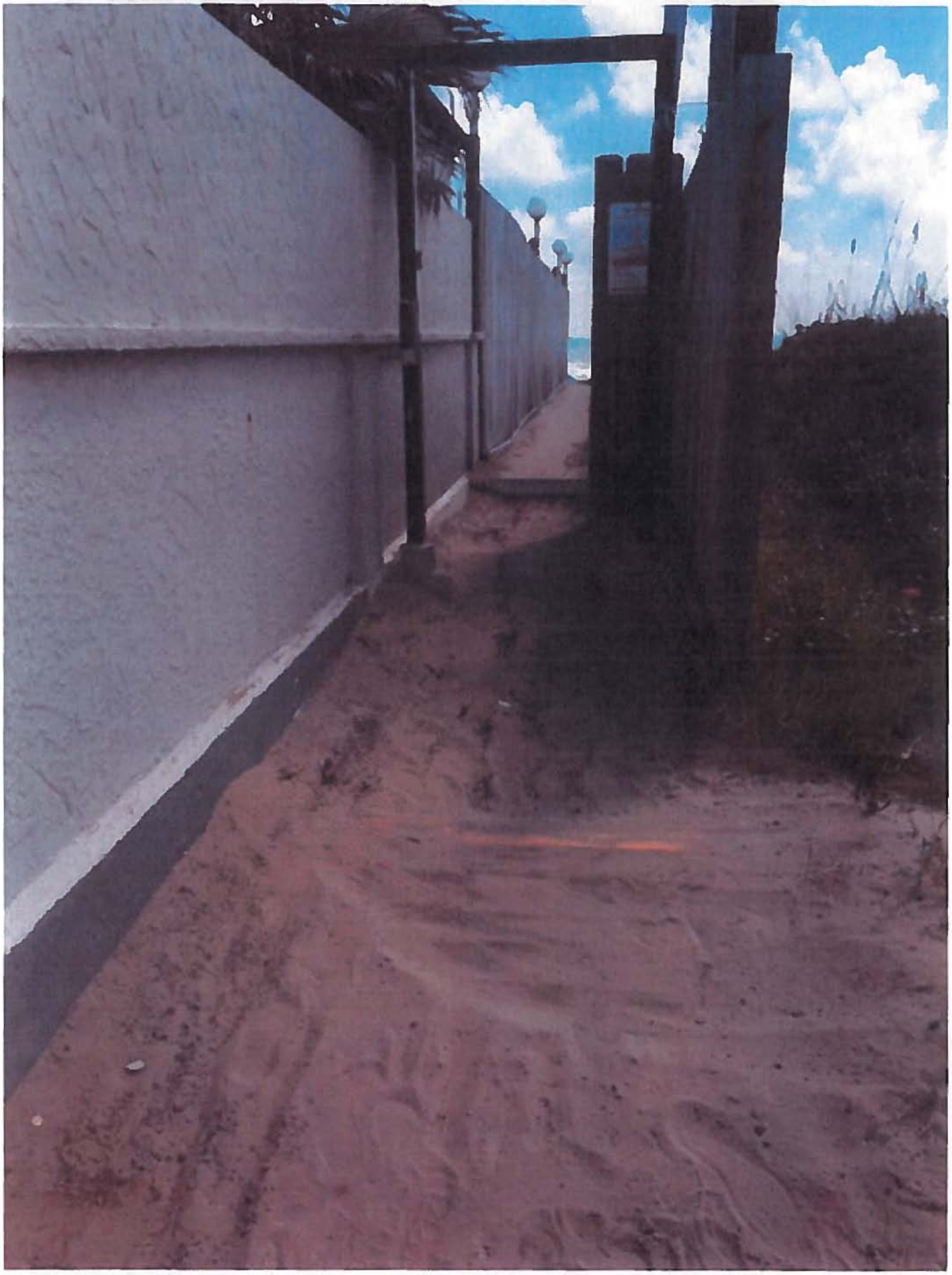
Other required application information:

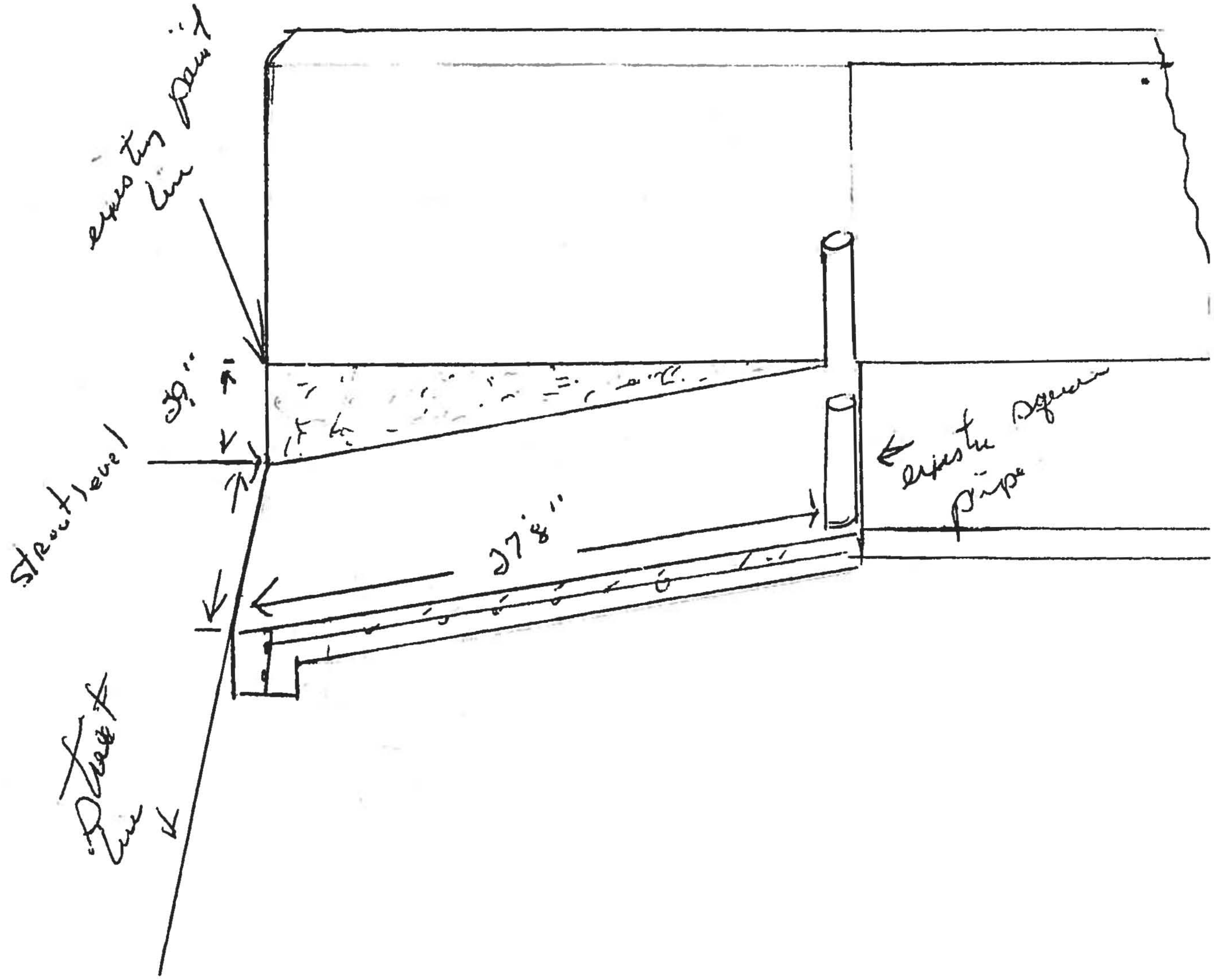
- ☐ 1. A grading and layout plan showing proposed contours for the final grade
- ☐ 2. The floor plan(s) and elevation(s) of the structure proposed to be constructed or expanded
- ☐ 3. Photographs of the site which clearly show the current location of the vegetation line & existing dunes on the tract 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

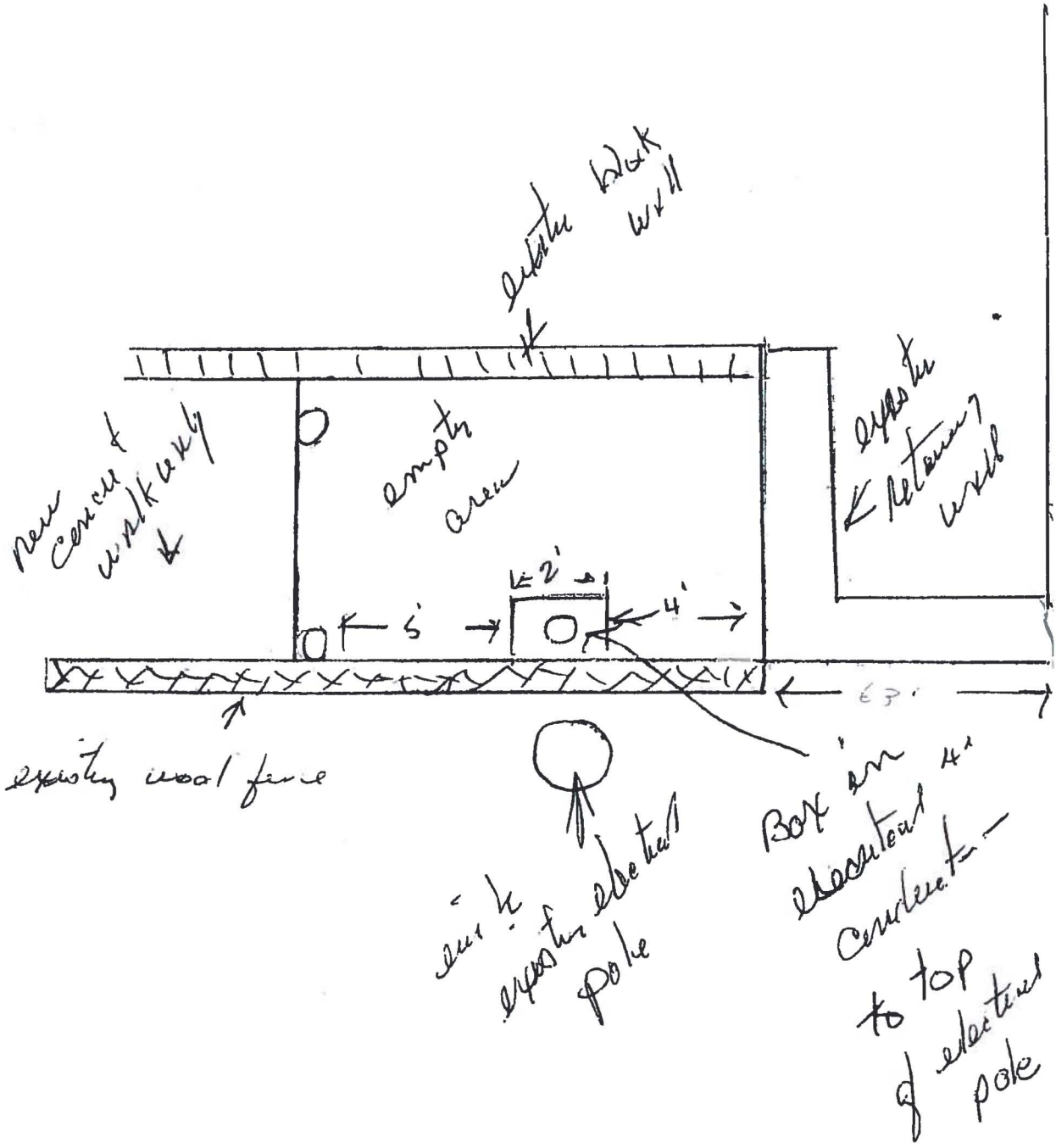
Your application is not complete unless all information requested above is submitted.

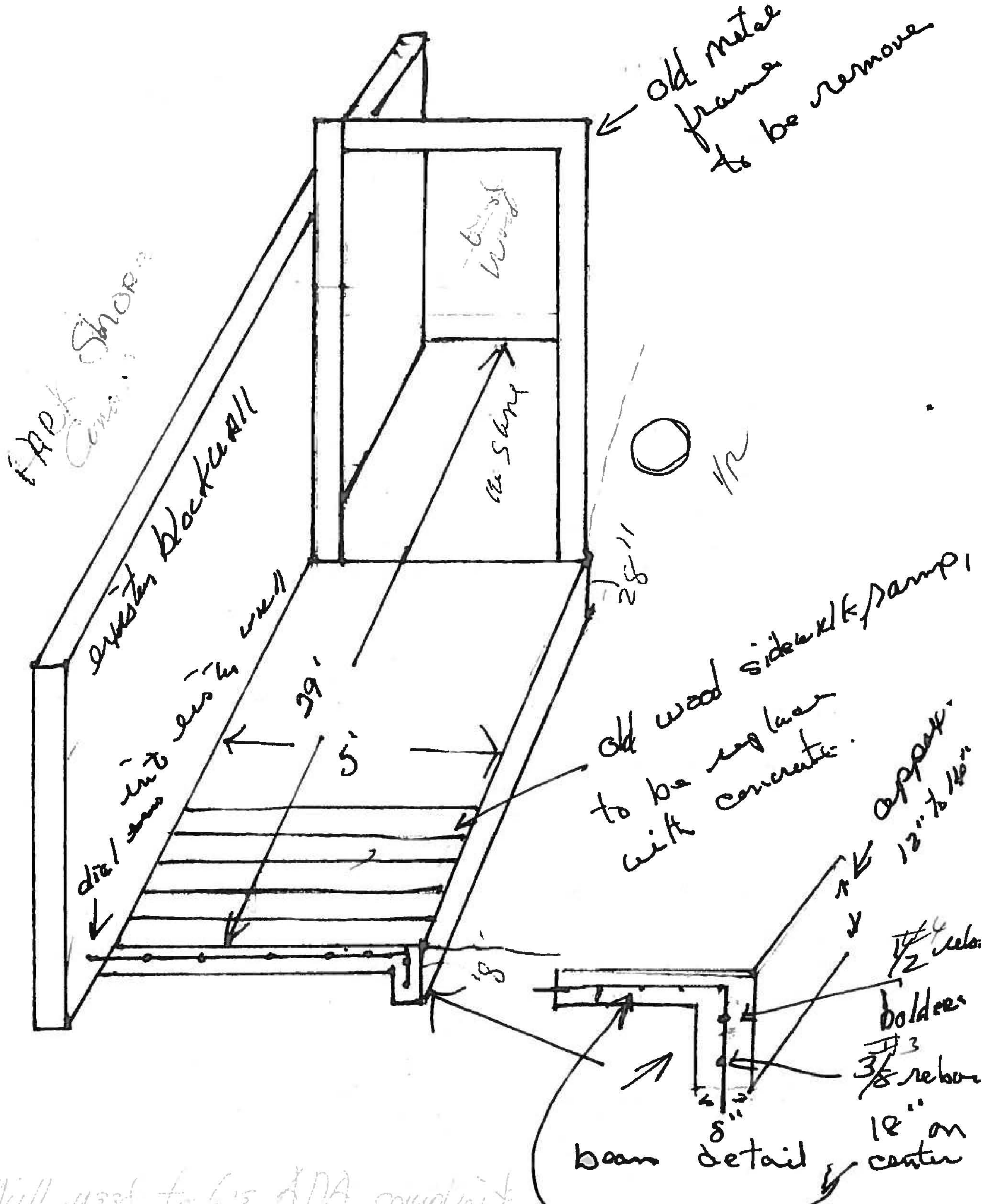
Application submissions require only three (3) copies of the complete information plus a digital copy.








existing block wall
new concrete walkway
empty area
bypass to retaining wall
2'
5'
4'
existing wood fence
existing electrical pole
Box on 4" concrete to top of electrical pole



Will need to be ADA compliant. this will require a beach & dune permit.

3-copies need Plus

City of South Padre Island
Building Permit Application

South Padre Island

Site for Proposed Work

Legal Description:

Gulf Ramada

Physical Address:

Property Owner Information

Name: Michael Klemenhagen

Mailing Address: 6200 Padre Blvd

City, State, Zip: South Padre Island TX

Phone Number: 956-204-9908

Fax Number: 956-761-3144

Email Address: RamadaSPI@yahoo.com

Contractor Information

Name: Lupe Lopez

Mailing Address: P.O. Box 3794

City, State, Zip: So Padre Island 78597

Phone Number: 956-466-0170

Fax Number:

Email Address:

Improvement Value: $ $1,500.00

(copy of contract required to verify value)

Contractor Signature:

Date:

Ramada SPI@yahoo.com

Billy-204-9908

License & Permit Bond: ☑ Yes ☐ No (If No One is required)

$500.00

PLEASE NOTE, If a Beach & Dune Permit is required on this property, a Building Permit cannot be issued until the B&D Permit has been approved & issued first.

APPLICATIONS ARE CONSIDERED INCOMPLETE AND WILL NOT BE ACCEPTED IF THE ENERGY CODES AND LANDSCAPE CODES HAVE NOT BEEN APPLIED.

TYPE OF CONSTRUCTION

☐ New ☐ Addition ☐ Remodeling ☑ Repair ☐ Move ☐ Remove

Building Height: Square footage: # Floors: # Parking Spaces:

Lot Square Feet: Lot Front: Floor Elevation Above Curb:

Lot Existing Use: New Use:

List other Permits that will be required:

OTHER WORK BEING DONE BESIDES NEW CONSTRUCTION

Rail walkway

FLOOD HAZARD

Property is: ☐ Within ☐ Outside 100 Year Flood Elevation. Lowest Elevation Must Be At Least _____ Feet.

Residential Use Only

No. of Units_____, Bedrooms_____, Bathrooms_____, Sq. Feet non-Living_____, Sq. Feet Living_____

OTHER

FOUNDATION	EXT. WALL	ROOF	SPECIAL CONDITION
☐ Concrete slab on pilings	☐ Masonry Veneer	☐ Wood Shingle	☐ Public Sidewalk
☐ Concrete pier	☐ Masonry Solid	☐ Composition	☐ Coner Lot
☐ Wood pier & beam	☐ Metal Siding	☐ Metal	☐ Cul De Sac
TDLR Registration No.	☐ Composition	☐ Build Up	☐ B&D Conditions
	☐ Wood		☐ Other

NOTICE: Separate Permits are required for Electrical, Plumbing, Heating, Ventilating or Air Conditioning. This permit becomes null and void if work or construction authorized is not commenced within 6 months, or if construction or work is suspended or abandoned for a period of 6 months at any time after work is commenced. I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

FS

SS100816

FRESNO SYSTEMS SERVICES

PROPOSAL

PO BOX 889
LOS FRESNOS, TEXAS
78566
(956) 233-4687 / FAX (956)233-9003

To: BILLY

Date: 8/30/16

DATE:	DESCRIPTION:	AMOUNT:
	PROJECT: SIDEWALK ON GULF BLVD., SPI, TX	
	DESIGN & DRAWING FOR SIDE WALK 29' LONG X 5' WIDE ON GULF BLVD	
	DRAWING TO BE SIGNED AND SEALED BY ENGINEER	
		$500.00
	PAID	
	Cash	
	9-1-16	
	BALANCE:	$500.00

THANK YOU

Item No. 12

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and Possible action, upon second reading and after GLO comments, to recommend City Council issues a Beach-Dune Permit for walkover construction at 4300 Padre Boulevard. (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

October 24, 2016

Via Electronic Mail

Brandon Hill
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
Site Address: 4300 Gulf Boulevard, South Padre Island
Legal Description: Lots 3-5, Block 120, SeaBreeze I, Unit 101, Padre Beach Section VIII
Lot Applicant: Solia Perez
GLO ID No.: BDSPI-16-0296a

Dear Mr. Hill:

The General Land Office has reviewed the application for a dune protection permit and beachfront construction certificate for the above-referenced location. The applicant proposes to place a Mobi-Mat in an existing beach access pathway. The applicant will mitigate for 1,125 square feet of adverse effects to dune vegetation caused by the placement of the Mobi-Mat. According to the Bureau of Economic Geology, the proposed construction is located in an area that is considered stable.

Based on the materials forwarded to our office for review, we have the following comments:

- The applicant provided written assurance to adhere to the mitigation plan suggested by the City of South Padre Island. The City must ensure that the applicant follows exactly the mitigation plan submitted in the application materials.

- The City shall provide written notification to the GLO after determining that the mitigation is complete. The GLO may conduct a field inspection to verify compliance.[1]

- The property owner identified in the permit application is not consistent with the Cameron County Central Appraisal District (CAD) records. The City must ensure the legal owner of the property has authorized the proposed construction prior to issuing the beachfront construction certificate and dune protection permit.

- Construction activities must not impact the public's ability to access or use the beach.

[1] 31 Tex. Admin. Code § 15.4(g)(4).

- The Mobi-Mats may not extend seaward of the line of vegetation and must be placed in the area indicated on the aerial photo submitted with the proposed mitigation plan.

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

Sincerely,

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

Beach & Dune Application

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

Site or Property Info

Legal Description: Seabreeze 1 Physical Address: 4300 Gulf Blvd

Property Owner Information | **Applicant / Agent Information**

Name: Daniel Santos
Mailing Address: 412 E Yucca Ave
City: McAllen State: TX
Zip: 78504 Country: McAllen
Phone Number: 956-761-7734
Fax Number:
E-Mail Address: Please send all requests through to Seabreeze 1

Name: Angie Benton or Suila Perez
Mailing Address: 4300 Gulf Blvd
City: South Padre Island State: TX
Zip: 78597 Country: USA
Phone Number: 956-761-7734
Fax Number: 956-761-2454
E-Mail Address: reservations@seabreeze1.net

I / We, owner(s) of the above-mentioned property, authorize the applicant stated above to act in my behalf in order to acquire a Beach and Dune permit for the construction proposed below. (owner initials here ____)

Owner(s) Signature(s): _____ Applicant Signature: _____

Date: 7-23-16 Date: 7-23-16

Project Description

Describe with as much detail as possible, the construction proposed. If more room is needed, please include on additional page. Include the number of habitable units, amenities, swimming pools, fences, kinds of fences, whether footings and/or retaining walls will be installed, and locations of proposed landscaping and parking.

Instal a 225 foot x 5 foot access mat from North Beach Exit of Seabreeze 1 Property to the Beach. Need to widen existing Beach Access Path to accomodate width of Beach Access Mat

Total Square Footage of Footprint of Habitable Structure: 0

Total Area of Impervious Surface (i.e. retaining walls, walkways, drives, patios, etc.): 0

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: 1 week

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: n/a 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 1,125 square feet 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: We will be installing a 5 foot wide mat that is 225 feet long. We will maintain an 18 inch sand border on either side of the mat. We currently have a path that is on average 3 feet wide & will need to be widened

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 1,125 sq ft 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: Same explanation as above

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.

n/a

5. Describe alternatives to the proposed construction or method of construction which will cause fewer or no adverse impairment to beach access.

n/a

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: N/A

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: N/A Date of Submission: _____

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.
- ☐ 3. 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. - See photo attached
- ☐ 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.

SEABREEZE 1
SOUTH PADRE ISLAND

8/2/2016

ATTN: Patrick Barrineau

FROM: Seabreeze 1 – Angie Benton, Property Manager

RE: Seabreeze 1 Beach and Dune Application

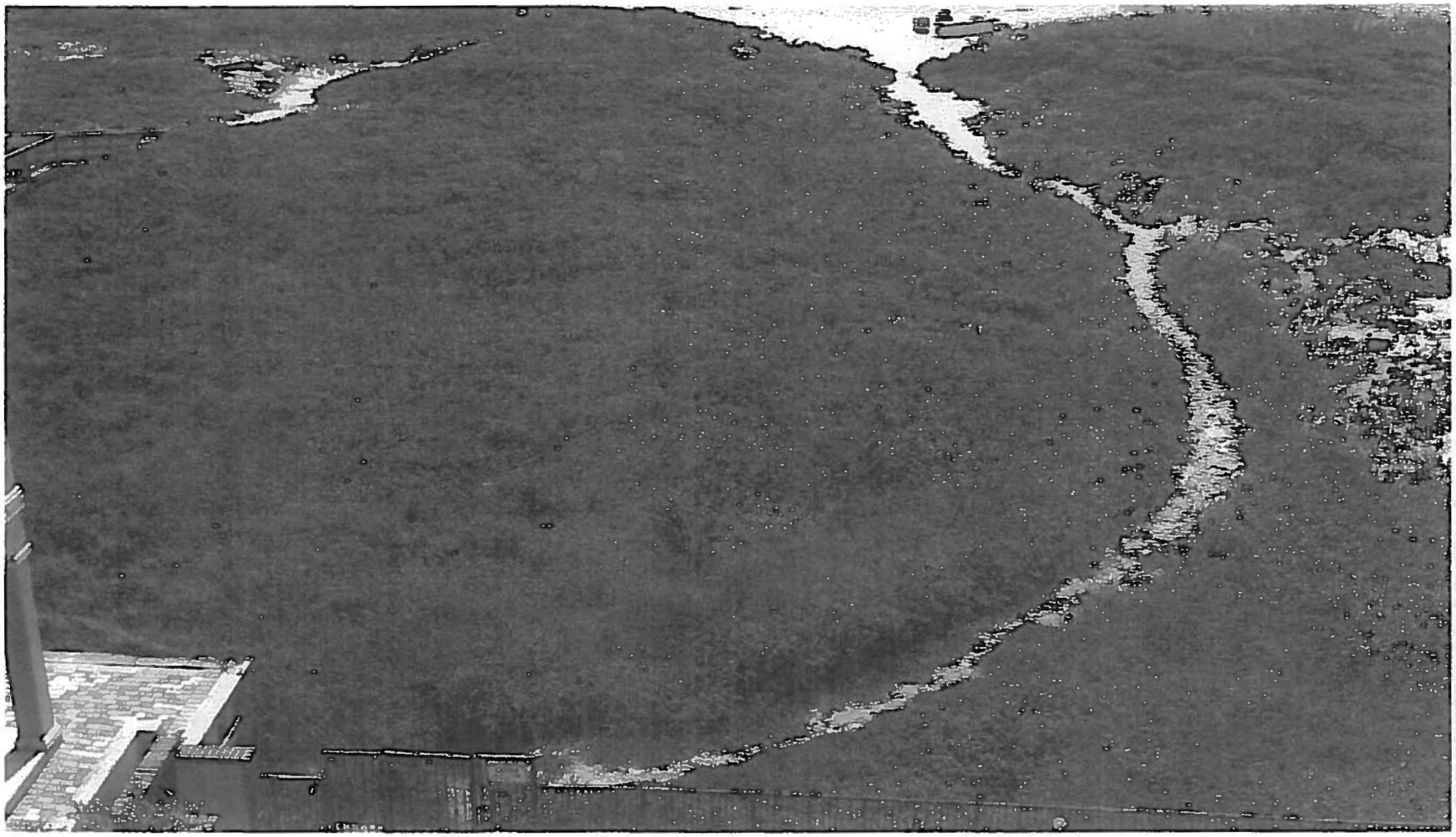
Attached you will find a photo of our existing beach path that we are requesting to widen in order to install a beach access mat. We have drawn the proposed layout of the new path where the mat will be installed in segments. We are trying to have as little impact as possible on our dunes and feel the segments proposed provide the least impact. In addition I have enclosed a copy of the original Beach and Dune Application already submitted.

We sincerely appreciate your and the Shoreline Taskforce's time and attention to this matter and look forward to adding our Beach Access Mat in order to improve the Owner and Guest experience at Seabreeze 1.

If there are any questions, please don't hesitate to contact me, Angie Benton, at either number listed below.

Seabreeze 1 Office - 956-761-7734

Cell Phone – 956-243-0615



Dune Mitigation Plan
Seabreeze I Condominiums
4300 Gulf Blvd.
South Padre Island, TX

Project Description

The property owners at Seabreeze I Condominiums wish to emplace a mobile access mat on their currently unimproved beach access walkway. This mat will be separated into 4 sections (Lengths 1, 2, 3, and 4) to accommodate the curvature of the present walkway, and in total measure 182'x5'. Due to the curvature in the walkway, the proposed mat will impact approximately 710 ft^2 of vegetation along its borders. There are two potential sites adjacent to the walkway in need of greater vegetation densities to prevent potential future overwash or blowouts (Mitigation Areas A and B). These mitigation sites represent approximately 170 ft^2 and 3000 ft^2 and of relatively exposed sand, and are perfect opportunities for mitigating the vegetation displaced by the mat's installation. The Shoreline Management Department recommends the displaced plant material be re-established in Mitigation Area A until full, and then the remainder be placed in Mitigation Area B. The combined results of the installation of the mobile access mat and replacement of the vegetation along the mat's borders will be an increase in vegetation density in front of the condominiums, and the concentration of pedestrian traffic along a single pathway made of a more resistant material than beach sand. This will reduce the day-to-day erosional action on and around the walkway, and help to prevent future overwash and blowouts from forming in the dune system. Additionally, property owners will need to maintain the mobile access mat to ensure it is not buried in newly accumulated sand; City staff will recommend the mat be periodically lifted and re-laid in the same place so that sand accumulated on top can then settle beneath. This will allow for continued vertical accretion of not only the mitigated areas and surrounding dunes, but the new pathway as well. All efforts will be completed with only the use of hand tools. No equipment of any sort is necessary for the completion of this project. This will allow for the property owners to minimize and mitigate any adverse effects on dunes or dune vegetation.

Dune Mitigation Plan
Seabreeze I Condominiums
4300 Gulf Blvd.
South Padre Island, TX

Impacts to Dune System

The mat's installation will involve the displacement of 709 ft^2 of vegetation along its margins. The proposed layout of the mat is shown in Figures 1-4, shown using blue polygons. Survey flags paced at the proposed corners of the mat's four lengths are also shown in the Figures, highlighted with red circles. The vegetation impacts incurred by the mat's installation are broken down per length as follows:

Length #	Span (ft)	Width (ft)	Vegetation Impacted (ft^2)
1	38	5	154
2	27	5	121
3	37	5	144
4	80	5	290
TOTAL	**182**	**5**	**709**

In an effort to ensure a 1:1 mitigation ratio the property owner proposes a mitigation of 1,125 square feet of dune vegetation. This was the original rough calculations proposed by the property owners and they intend to make clear their mitigation efforts. Any and all sediment that is displaced in an effort to lay down the mobi-mat will be mitigated for by careful relocation to the low areas identified in mitigation areas A & B.

Proposed Mitigation

Proposed is an onsite mitigation plan that will offset the displacement of native dune vegetation and sand by the edges of the proposed mobile access mat. The property owners will place removed culms along the north side of the mat in Mitigation Area A (see attached map) until that area is full – at a density of 2 culms per square foot, placed on center. Once Area A is full, the plants should be re-established in Mitigation Area B, starting with the portion further downwind and moving progressively north and west until all of the displaced vegetation has been replanted. Any sediment that is disturbed by the laying of the mobi-mat will be used in bare areas of the dune field within Mitigation areas A & B. It will be relocated in a manner as to not cover

existing vegetation and attempt to replicate natural sediment accumulation. This planting of the disturbed vegetation and placement of disturbed sediment will occur at a 1:1 ratio.

SEABREEZE 1
SOUTH PADRE ISLAND

PHONE: (956) 761-7734
FAX: (956) 761-2454
seabreeze4300@sbcglobal.net

P.O. BOX 3559
4300 GULF BOULEVARD
SOUTH PADRE ISLAND, TX 78597

October 18, 2016

Dear City of SPI Shoreline Department,

At this time, we would like to adopt and fully support the mitigation proposed. With your approval, we would like to move as quickly as possible with the installation of a mobi-mat.

Sincerely,
Soila Perez
Soila Perez
Assistant Property Manager
Seabreeze 1

SEABREEZE 1
SOUTH PADRE ISLAND

PHONE: (956) 761-7734
FAX: (956) 761-2454
seabreeze4300@sbcglobal.net

P.O. BOX 3559
4300 GULF BOULEVARD
SOUTH PADRE ISLAND, TX 78597

October 18, 2016

Dear Lori Suissa or Lorda Corporation,

At this time, we would like inform you that we are planning on installing a mobi-mat and mitigating for any damages. We have adopted and fully support the mitigation proposed from the SPI Shoreline Dept.

We will be moving forward, as soon as we have an approval by the Texas General Land Offices and the SPI Shoreline Dept.

Sincerely,
Soila Perez
Soila Perez
Assistant Property Manager
Seabreeze 1

SEABREEZE 1
SOUTH PADRE ISLAND

PHONE: (956) 761-7734
FAX: (956) 761-2454
seabreeze4300@sbcglobal.net

P.O. BOX 3559
4300 GULF BOULEVARD
SOUTH PADRE ISLAND, TX 78597

October 18, 2016

Dear Las Dunas Condominiums,

At this time, we would like inform you that we are planning on installing a mobi-mat and mitigating for any damages. We have adopted and fully support the mitigation proposed from the SPI Shoreline Dept.

We will be moving forward, as soon as we have an approval by the Texas General Land Offices and the SPI Shoreline Dept.

Sincerely,
Sojla Perez
Sojla Perez
Assistant Property Manager
Seabreeze 1

Item No. 13

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and possible action to recommend a plan to review Chapter 22, the Beach User Fee plan, Erosion Response Plan, and Beach Access Plan (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

Item No. 14

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and action to recommend the redesign of Beach-Dune Walkovers Seaside, Ocean and Moonlight (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS

Item No. 15

CITY OF SOUTH PADRE ISLAND
SHORELINE TASK FORCE
AGENDA REQUEST FORM

MEETING DATE: November 14, 2016

NAME & TITLE: Brandon Hill, Shoreline Management Director

ITEM

Discussion and possible action on municipal review of construction projects and other permitted activities within protected dune area. (Hill)

ITEM BACKGROUND

BUDGET/FINANCIAL SUMMARY

COMPREHENSIVE PLAN GOAL

LEGAL REVIEW

Sent to Legal: YES: _____ NO: _____
Approved by Legal: YES: _____ NO: _____

Comments:

RECOMMENDATIONS/COMMENTS